

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
 Data File : VN087072.D
 Acq On : 17 Jun 2025 19:43
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 18 01:55:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	167531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	306106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	265997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131413	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	96562	43.049	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.100%
35) Dibromofluoromethane	8.171	113	85268	47.004	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.000%
50) Toluene-d8	10.565	98	315347	43.912	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	87.820%
62) 4-Bromofluorobenzene	12.847	95	118929	44.575	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.140%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.154	85	87392	52.318	ug/l	98
3) Chloromethane	2.395	50	95478	44.264	ug/l	99
4) Vinyl Chloride	2.554	62	121364	54.544	ug/l	97
5) Bromomethane	2.995	94	62314	50.045	ug/l	98
6) Chloroethane	3.154	64	77262	53.756	ug/l	94
7) Trichlorofluoromethane	3.530	101	155166	53.374	ug/l	100
8) Diethyl Ether	3.983	74	66870	52.794	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.395	101	94617	51.804	ug/l	99
10) Methyl Iodide	4.612	142	77912	32.907	ug/l	95
11) Tert butyl alcohol	5.536	59	137228	225.470	ug/l	100
12) 1,1-Dichloroethene	4.371	96	100395	53.841	ug/l	96
13) Acrolein	4.206	56	75941	394.185	ug/l	99
14) Allyl chloride	5.048	41	144068	46.587	ug/l	96
15) Acrylonitrile	5.736	53	345548	242.901	ug/l	99
16) Acetone	4.448	43	259437	218.104	ug/l	93
17) Carbon Disulfide	4.742	76	289711	56.169	ug/l	100
18) Methyl Acetate	5.048	43	143655	41.442	ug/l	96
19) Methyl tert-butyl Ether	5.812	73	343279	50.844	ug/l	99
20) Methylene Chloride	5.300	84	111875	50.236	ug/l	96
21) trans-1,2-Dichloroethene	5.812	96	106782	51.471	ug/l	96
22) Diisopropyl ether	6.689	45	310324	47.606	ug/l	97
23) Vinyl Acetate	6.618	43	1377448	250.103	ug/l	98
24) 1,1-Dichloroethane	6.583	63	192690	51.366	ug/l	99
25) 2-Butanone	7.489	43	432033	223.445	ug/l	96
26) 2,2-Dichloropropane	7.500	77	144032	49.359	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	129711	52.279	ug/l	97
28) Bromochloromethane	7.818	49	79087	42.878	ug/l	93
29) Tetrahydrofuran	7.847	42	285560	226.717	ug/l	94
30) Chloroform	7.977	83	191328	51.071	ug/l	99
31) Cyclohexane	8.265	56	166881	45.871	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	160982	50.523	ug/l	96
36) 1,1-Dichloropropene	8.383	75	141500	52.347	ug/l	99
37) Ethyl Acetate	7.571	43	165471	48.087	ug/l	99
38) Carbon Tetrachloride	8.371	117	137539	51.827	ug/l	98
39) Methylcyclohexane	9.606	83	160557	43.354	ug/l	95
40) Benzene	8.612	78	454862	51.459	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	86338	44.676	ug/l	93
42) 1,2-Dichloroethane	8.677	62	133634	49.844	ug/l	99
43) Isopropyl Acetate	8.694	43	252941	45.798	ug/l	96
44) Trichloroethene	9.359	130	110988	52.953	ug/l	97
45) 1,2-Dichloropropane	9.624	63	110409	51.342	ug/l	99
46) Dibromomethane	9.712	93	76868	53.815	ug/l	99
47) Bromodichloromethane	9.888	83	148705	50.600	ug/l	99
48) Methyl methacrylate	9.683	41	115606	45.478	ug/l	94
49) 1,4-Dioxane	9.700	88	47314	1023.116	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	785897	236.369	ug/l	97
52) Toluene	10.630	92	280299	51.889	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	167848	51.076	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	182228	51.826	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	106560	51.266	ug/l	99
56) Ethyl methacrylate	10.882	69	173955	52.544	ug/l	93
57) 1,3-Dichloropropane	11.165	76	182424	50.593	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	473770	239.927	ug/l	98
59) 2-Hexanone	11.200	43	521841	243.662	ug/l	93
60) Dibromochloromethane	11.359	129	116451	53.772	ug/l	99
61) 1,2-Dibromoethane	11.471	107	112872	52.979	ug/l	97
64) Tetrachloroethene	11.106	164	85369	50.712	ug/l	96
65) Chlorobenzene	11.888	112	308637	52.609	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	100286	53.179	ug/l	99
67) Ethyl Benzene	11.965	91	513967	50.862	ug/l	99
68) m/p-Xylenes	12.071	106	404997	104.697	ug/l	99
69) o-Xylene	12.394	106	195732	52.832	ug/l	97
70) Styrene	12.412	104	336415	53.066	ug/l	99
71) Bromoform	12.576	173	77185	55.239	ug/l #	100
73) Isopropylbenzene	12.694	105	475717	49.691	ug/l	99
74) N-amyl acetate	12.518	43	144591	43.221	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	166164	51.233	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	219191	70.170	ug/l	72
77) Bromobenzene	12.982	156	117013	53.296	ug/l	96
78) n-propylbenzene	13.035	91	557066	47.881	ug/l	98
79) 2-Chlorotoluene	13.124	91	340654	48.823	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	383774	48.554	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	61410	45.254	ug/l	97
82) 4-Chlorotoluene	13.218	91	351028	49.722	ug/l	98
83) tert-Butylbenzene	13.435	119	327812	45.308	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	391683	49.418	ug/l	100
85) sec-Butylbenzene	13.612	105	464024	44.163	ug/l	100
86) p-Isopropyltoluene	13.729	119	390433	44.952	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	221199	51.207	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	224947	51.077	ug/l	100
89) n-Butylbenzene	14.053	91	338323	40.215	ug/l	99
90) Hexachloroethane	14.329	117	68814	46.741	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	215082	51.826	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	37100	47.831	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	116242	43.863	ug/l	99
94) Hexachlorobutadiene	15.494	225	36461	36.928	ug/l	98
95) Naphthalene	15.635	128	474700	48.124	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	113176	42.984	ug/l	99

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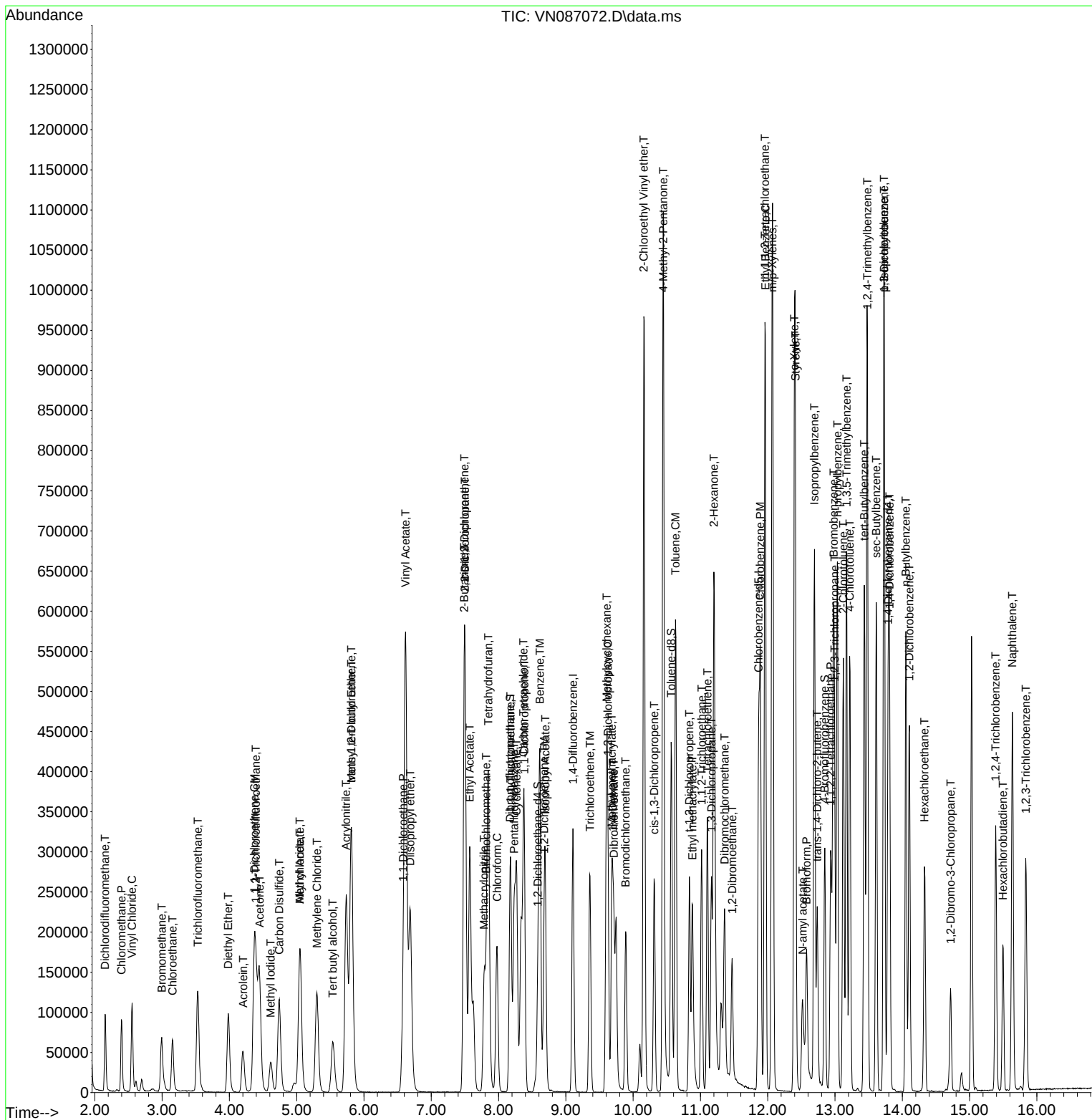
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MSVOA_N
ClientSampleId :
VSTDCCC050EC

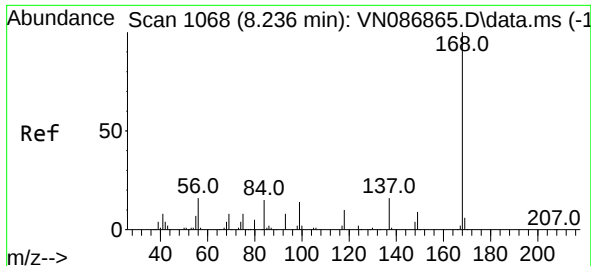
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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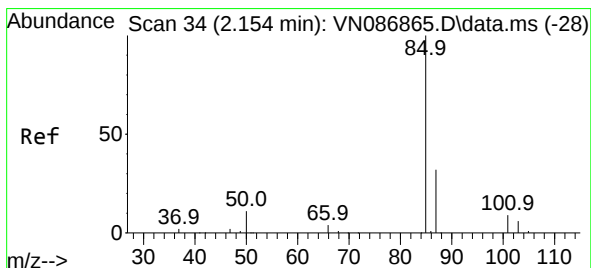
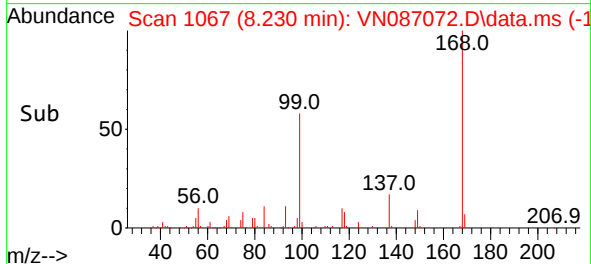
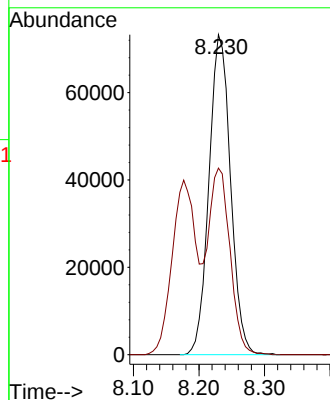
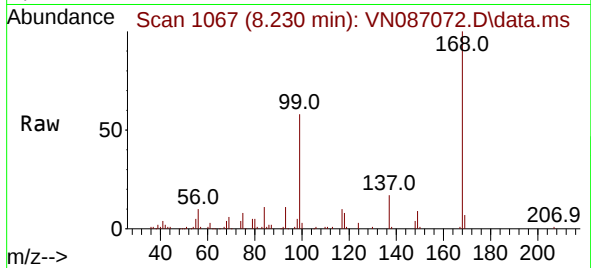




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087072.D
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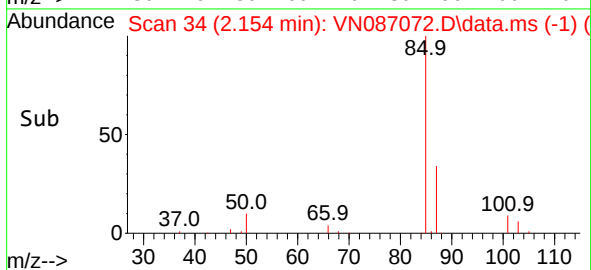
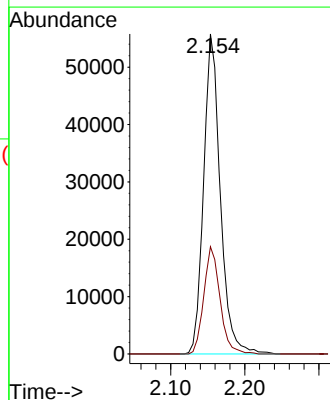
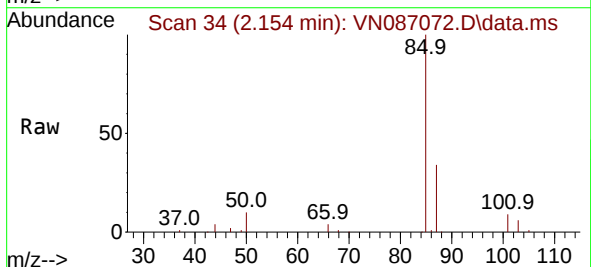
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 167531
Ion Ratio Lower Upper
168 100
99 58.3 49.1 73.7



#2
Dichlorodifluoromethane
Concen: 52.318 ug/l
RT: 2.154 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

Tgt Ion: 85 Resp: 87392
Ion Ratio Lower Upper
85 100
87 33.5 16.2 48.6

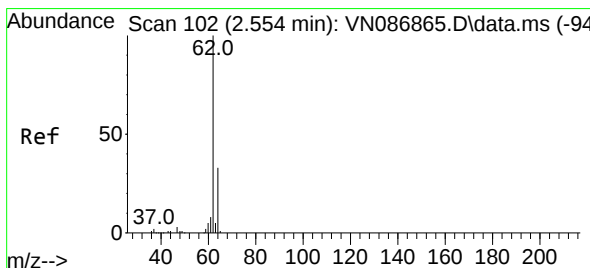
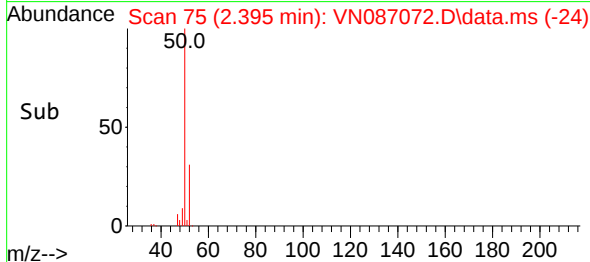
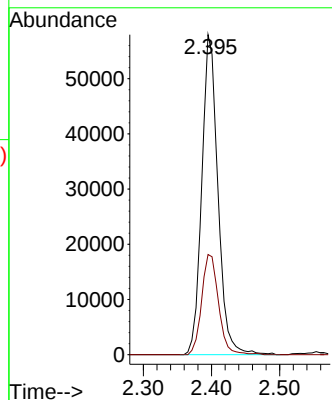
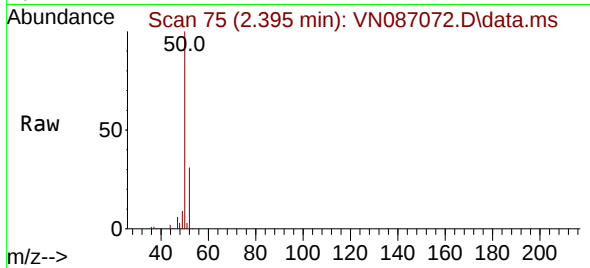




#3
Chloromethane
Concen: 44.264 ug/l
RT: 2.395 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN087072.D
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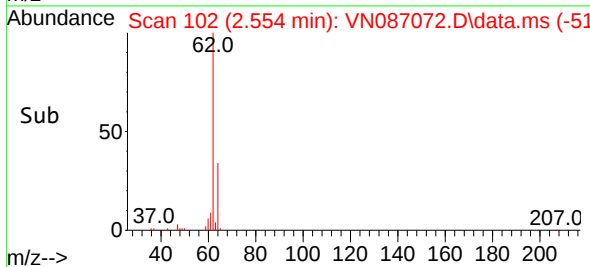
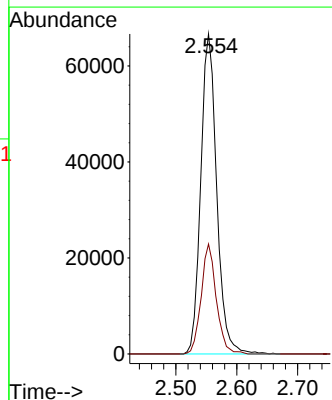
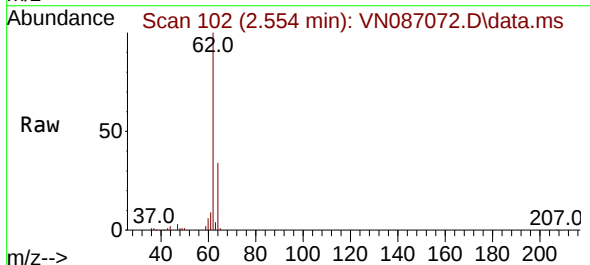
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ClientSampleId :
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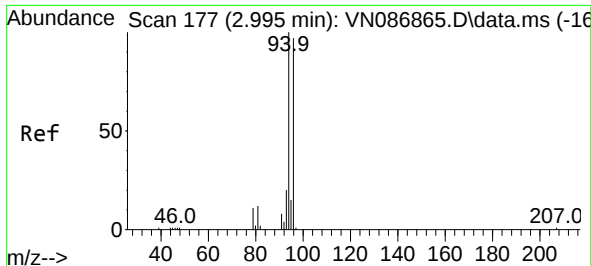
Tgt Ion: 50 Resp: 95478
Ion Ratio Lower Upper
50 100
52 31.3 25.7 38.5



#4
Vinyl Chloride
Concen: 54.544 ug/l
RT: 2.554 min Scan# 102
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

Tgt Ion: 62 Resp: 121364
Ion Ratio Lower Upper
62 100
64 34.3 26.0 39.0

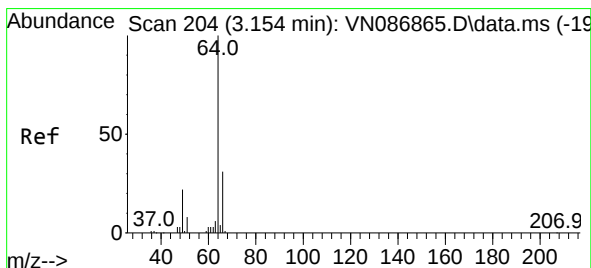
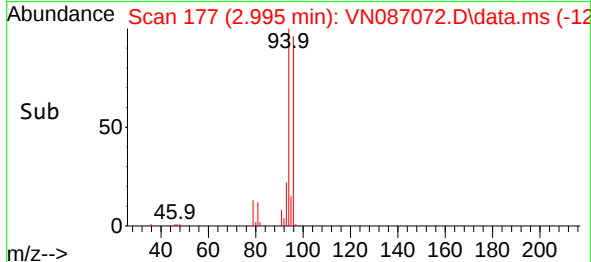
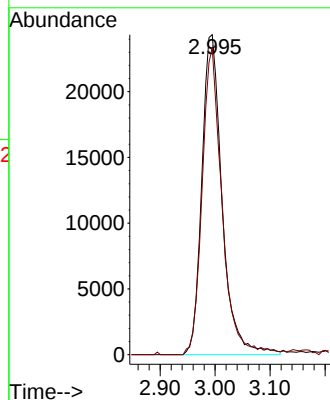
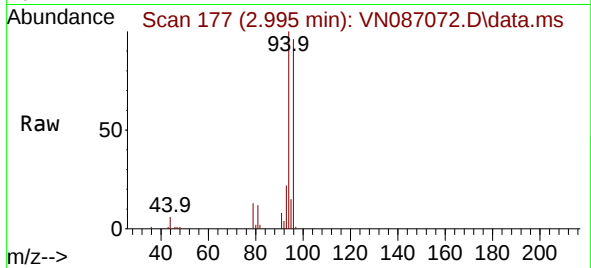




#5
Bromomethane
Concen: 50.045 ug/l
RT: 2.995 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

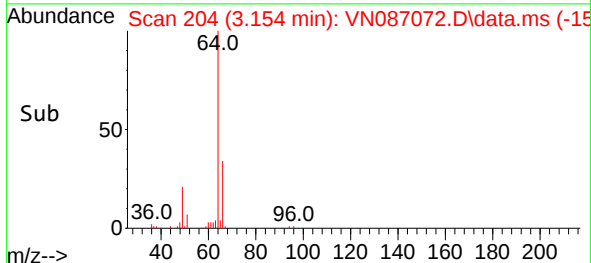
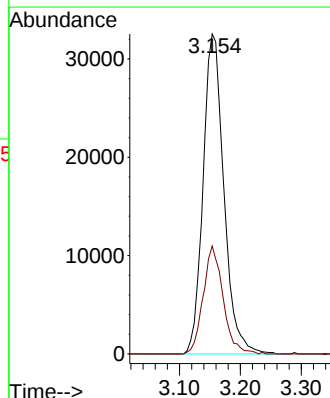
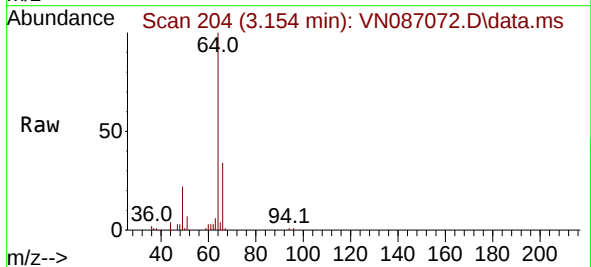
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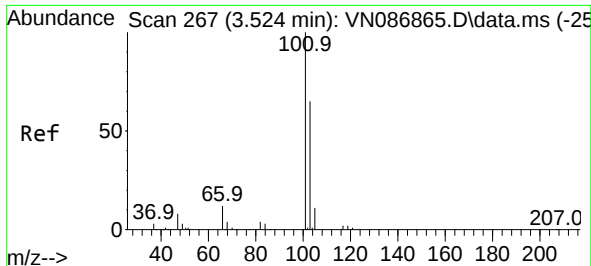
Tgt Ion: 94 Resp: 62314
Ion Ratio Lower Upper
94 100
96 95.9 77.9 116.9



#6
Chloroethane
Concen: 53.756 ug/l
RT: 3.154 min Scan# 204
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

Tgt Ion: 64 Resp: 77262
Ion Ratio Lower Upper
64 100
66 33.7 24.6 36.8

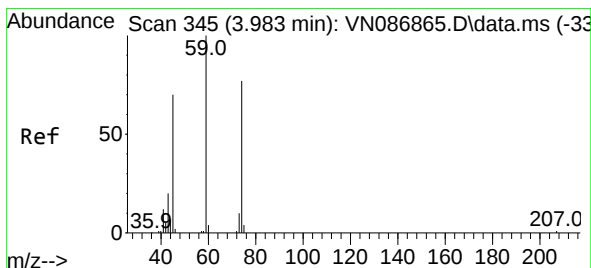
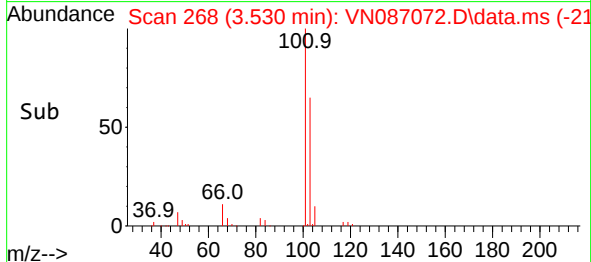
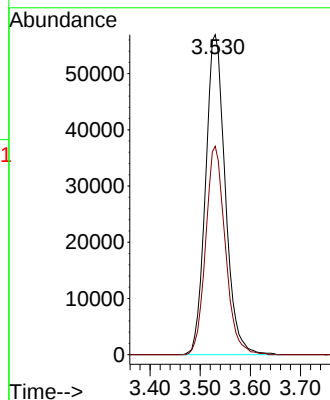
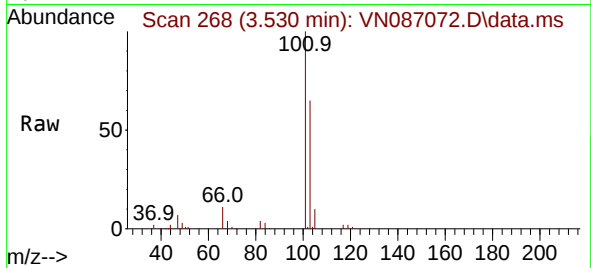




#7
 Trichlorofluoromethane
 Concen: 53.374 ug/l
 RT: 3.530 min Scan# 267
 Delta R.T. 0.006 min
 Lab File: VN087072.D
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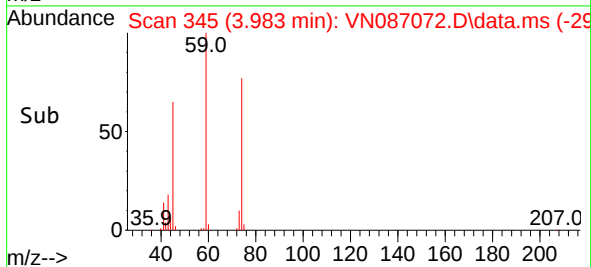
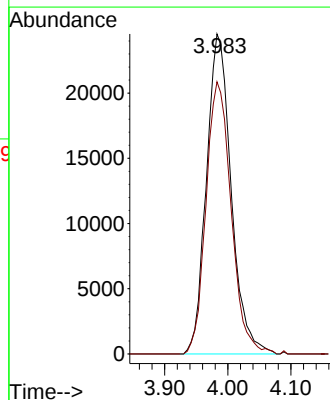
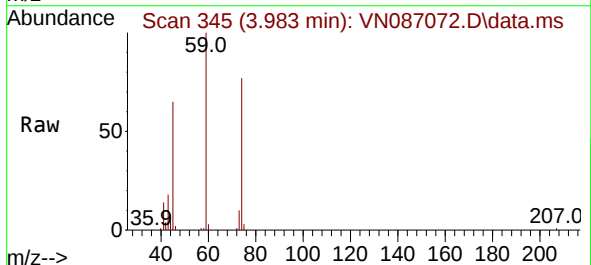
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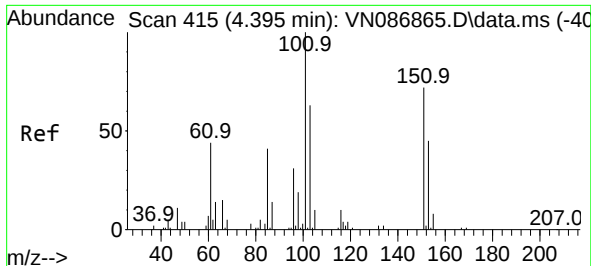
Tgt Ion:101 Resp: 155166
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.2 78.2



#8
 Diethyl Ether
 Concen: 52.794 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 66870
 Ion Ratio Lower Upper
 74 100
 45 86.4 45.5 136.5

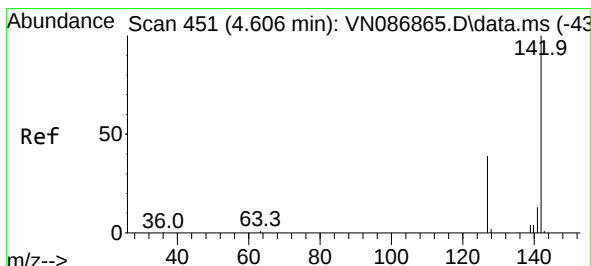
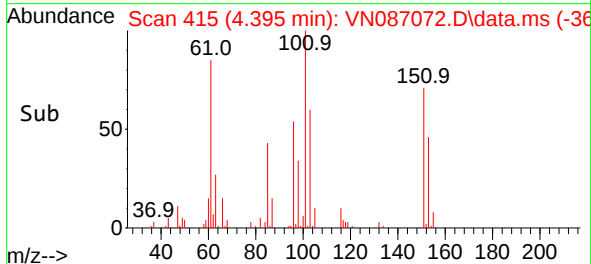
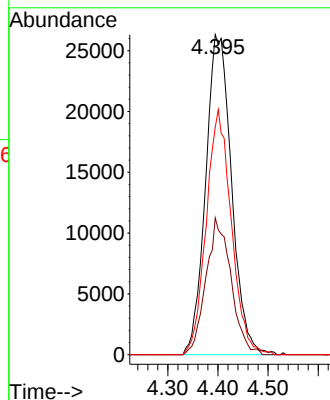
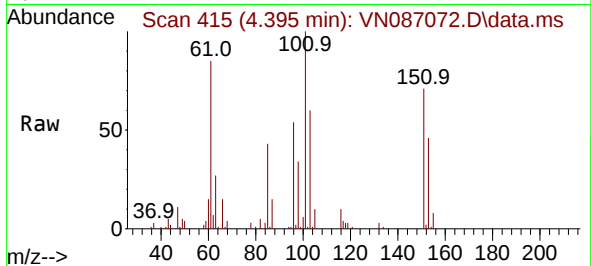




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.804 ug/l
RT: 4.395 min Scan# 415
Delta R.T. 0.000 min
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Acq: 17 Jun 2025 19:43

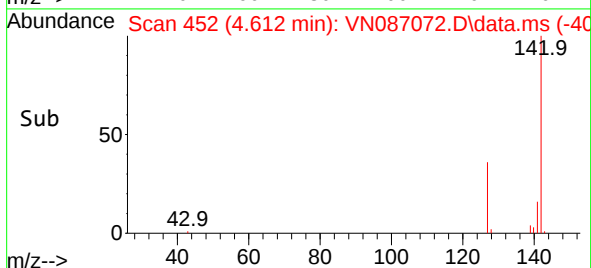
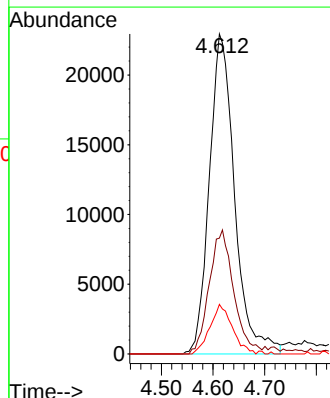
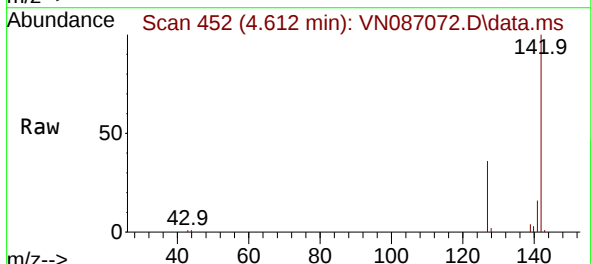
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	101	Resp:	94617
Ion	Ratio	Lower	Upper
101	100		
85	41.1	33.8	50.8
151	74.2	58.7	88.1



#10
Methyl Iodide
Concen: 32.907 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

Tgt Ion:	142	Resp:	77912
Ion	Ratio	Lower	Upper
142	100		
127	36.2	30.9	46.3
141	15.5	10.4	15.6

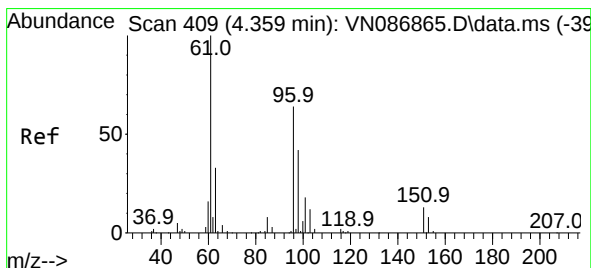
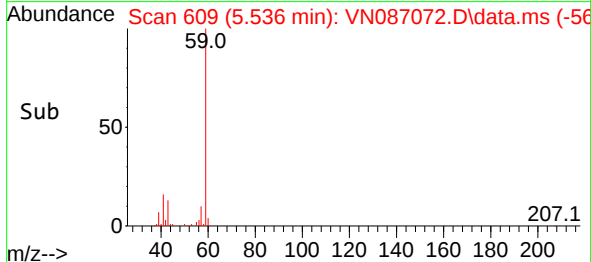
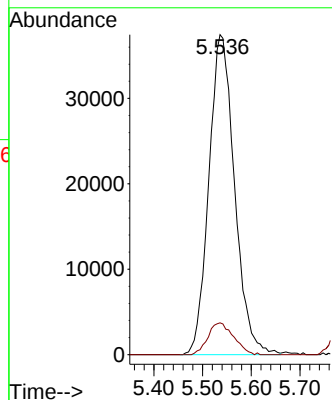
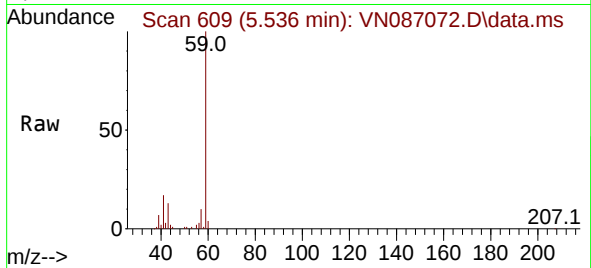




#11
Tert butyl alcohol
Concen: 225.470 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

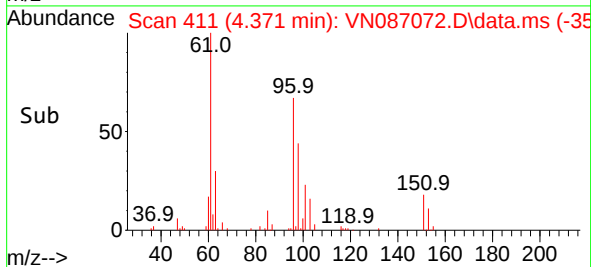
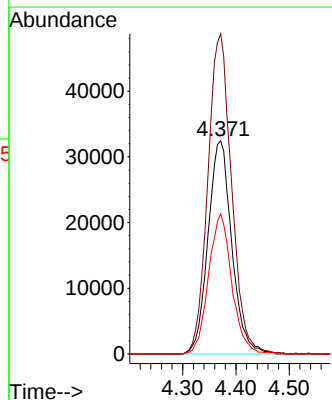
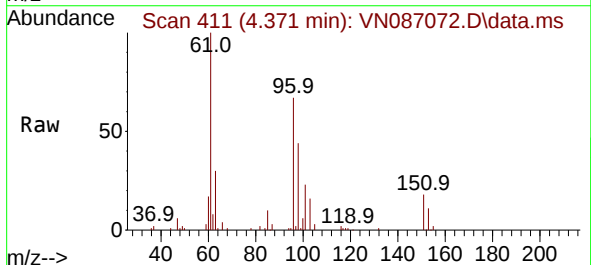
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

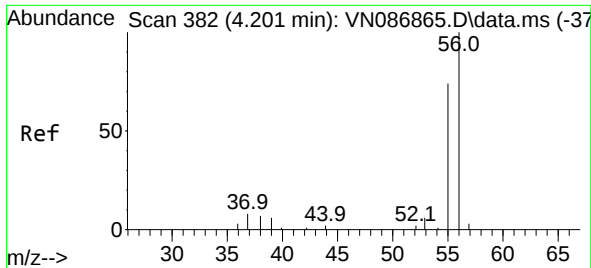
Tgt Ion: 59 Resp: 137228
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1



#12
1,1-Dichloroethene
Concen: 53.841 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

Tgt Ion: 96 Resp: 100395
Ion Ratio Lower Upper
96 100
61 150.2 125.8 188.6
98 65.8 52.5 78.7

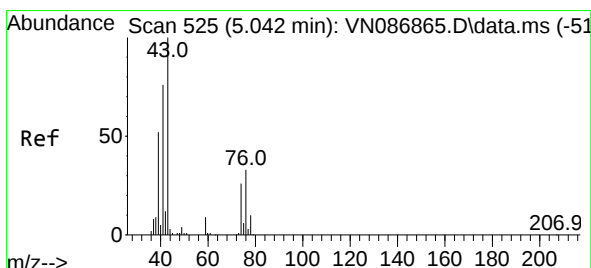
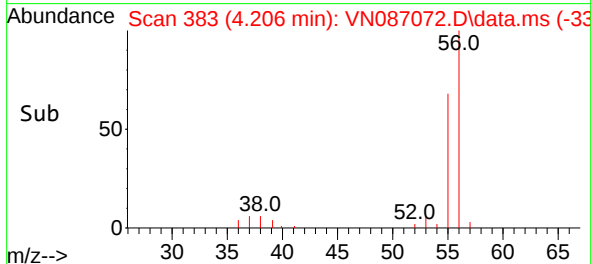
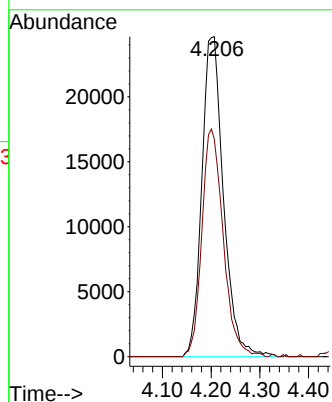
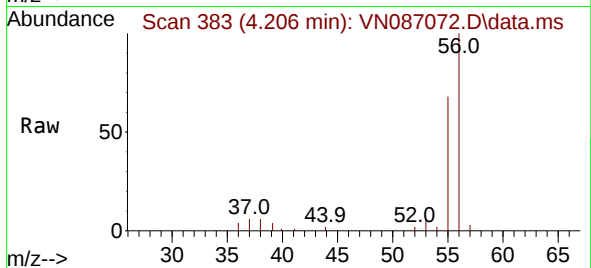




#13
Acrolein
Concen: 394.185 ug/l
RT: 4.206 min Scan# 383
Delta R.T. 0.006 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

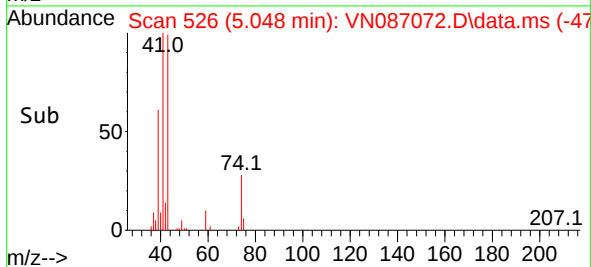
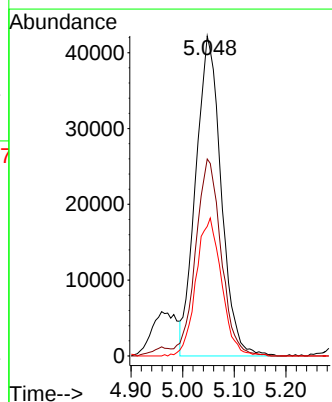
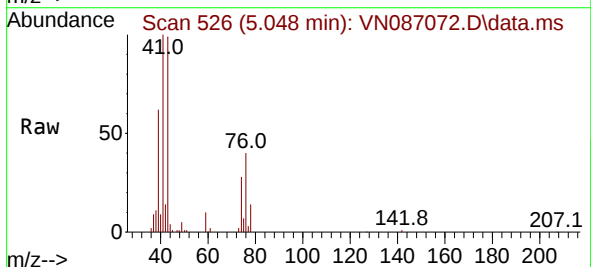
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 75941
Ion Ratio Lower Upper
56 100
55 70.2 55.6 83.4



#14
Allyl chloride
Concen: 46.587 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

Tgt Ion: 41 Resp: 144068
Ion Ratio Lower Upper
41 100
39 62.0 51.3 76.9
76 43.4 31.4 47.0

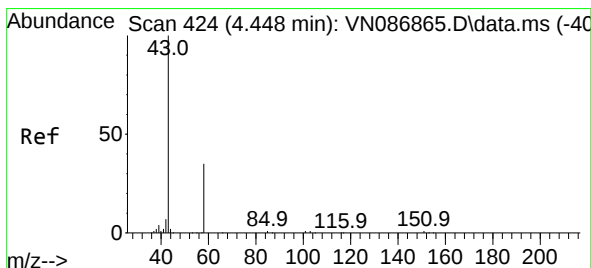
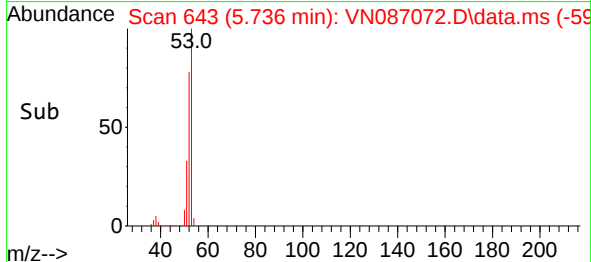
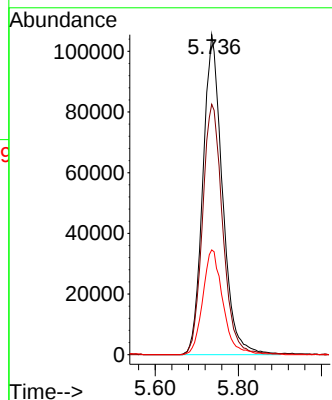
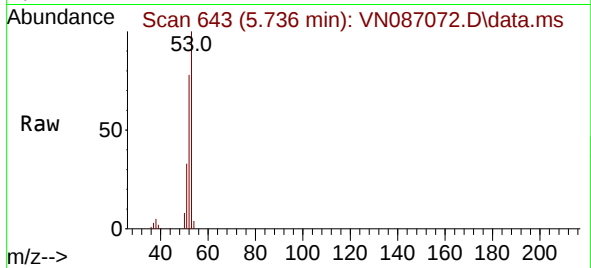




#15
Acrylonitrile
Concen: 242.901 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

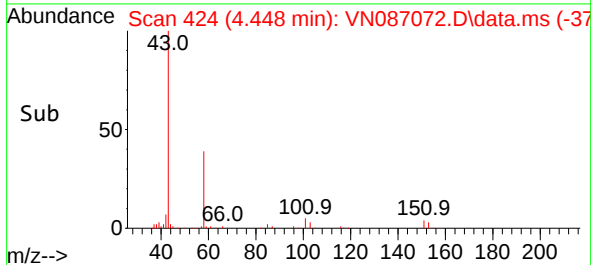
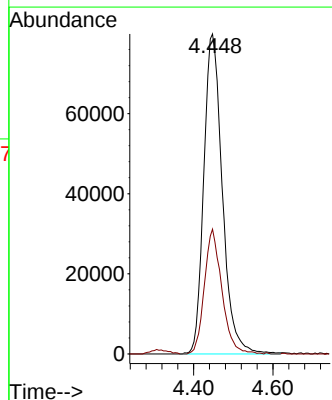
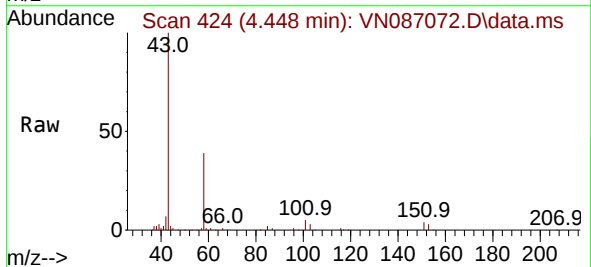
Instrument :
MSVOA_N
ClientSampleId :
VSTDC050EC

Tgt Ion	Ratio	Lower	Upper
53	100		
52	80.5	65.0	97.6
51	33.8	27.2	40.8



#16
Acetone
Concen: 218.104 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.0	28.0	42.0





#17

Carbon Disulfide

Concen: 56.169 ug/l

RT: 4.742 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN087072.D

Acq: 17 Jun 2025 19:43

Instrument :

MSVOA_N

ClientSampleId :

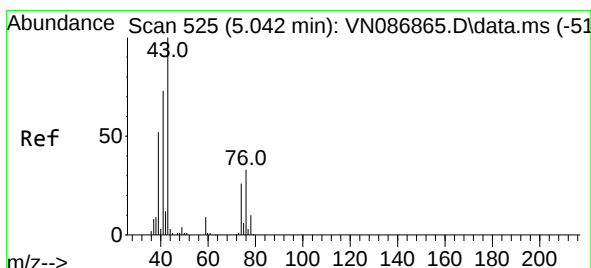
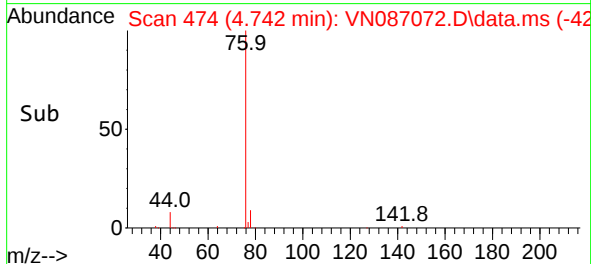
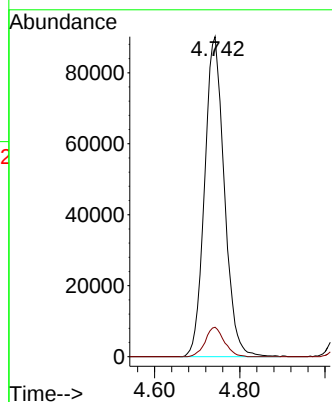
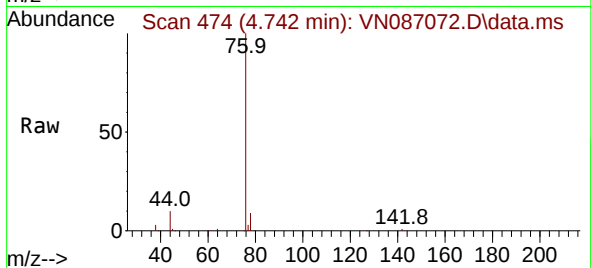
VSTDCCC050EC

Tgt Ion: 76 Resp: 289711

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



#18

Methyl Acetate

Concen: 41.442 ug/l

RT: 5.048 min Scan# 526

Delta R.T. 0.006 min

Lab File: VN087072.D

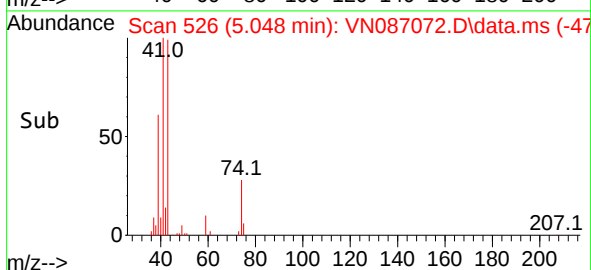
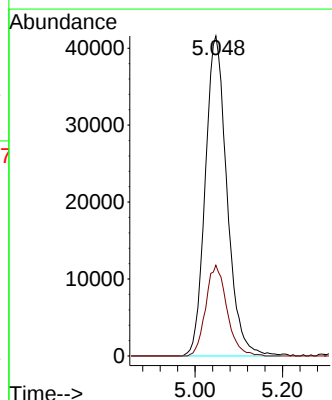
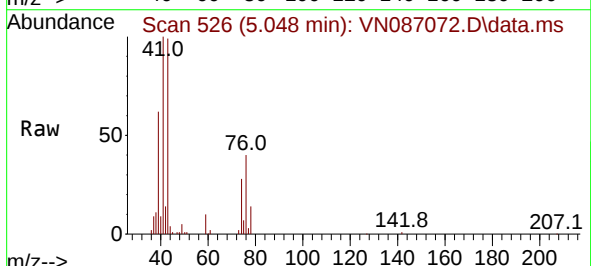
Acq: 17 Jun 2025 19:43

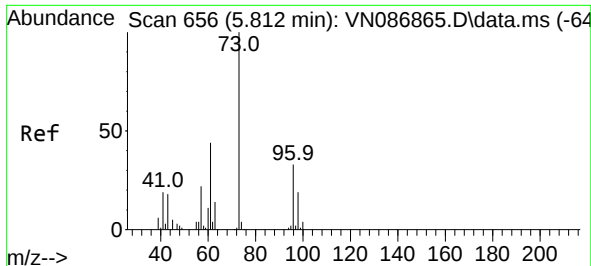
Tgt Ion: 43 Resp: 143655

Ion Ratio Lower Upper

43 100

74 27.7 20.7 31.1

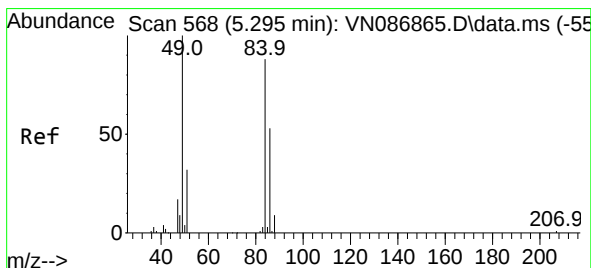
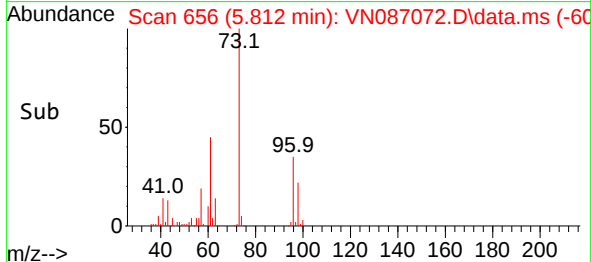
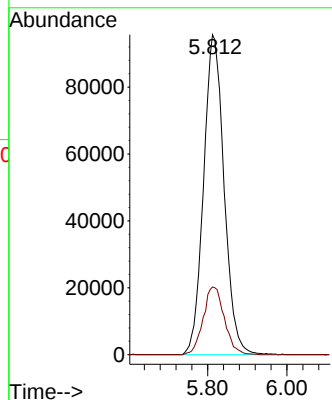
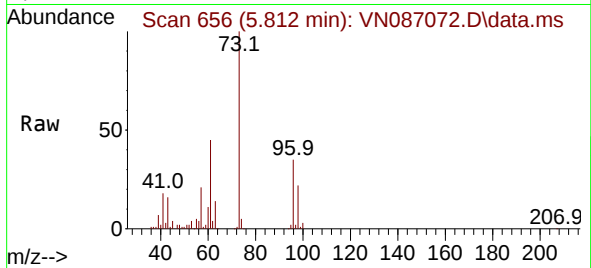




#19
Methyl tert-butyl Ether
Concen: 50.844 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

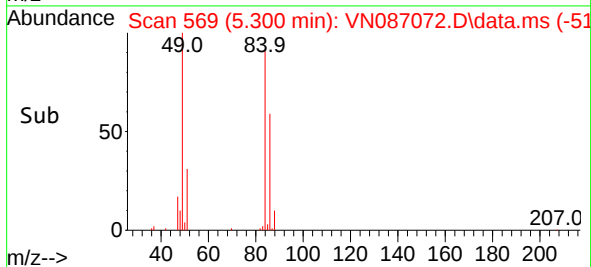
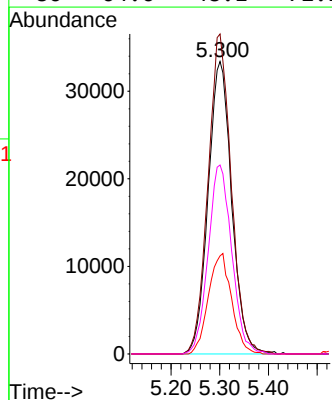
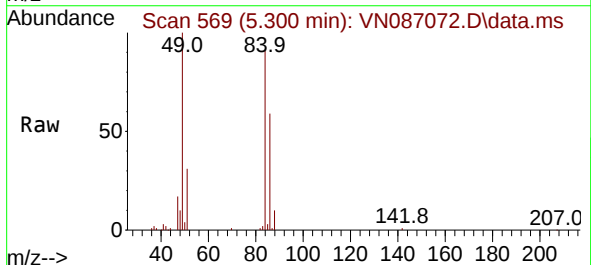
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

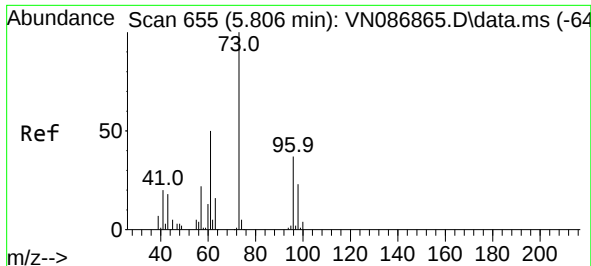
Tgt Ion: 73 Resp: 343279
Ion Ratio Lower Upper
73 100
57 21.1 17.4 26.2



#20
Methylene Chloride
Concen: 50.236 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

Tgt Ion: 84 Resp: 111875
Ion Ratio Lower Upper
84 100
49 109.4 90.5 135.7
51 33.5 28.5 42.7
86 64.6 48.1 72.1

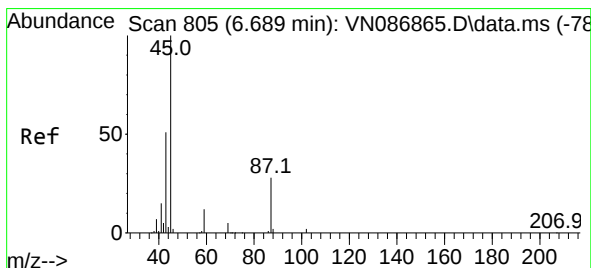
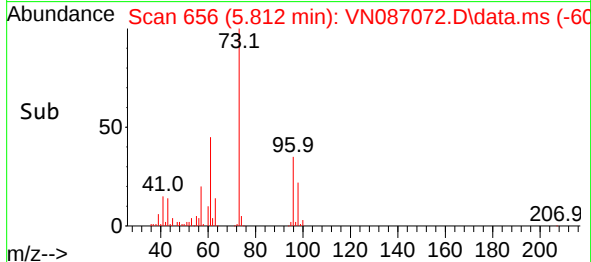
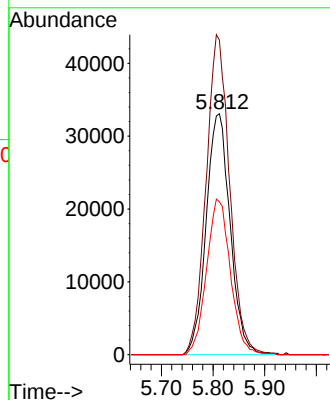
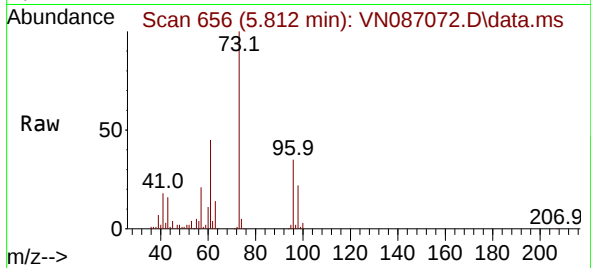




#21
trans-1,2-Dichloroethene
Concen: 51.471 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

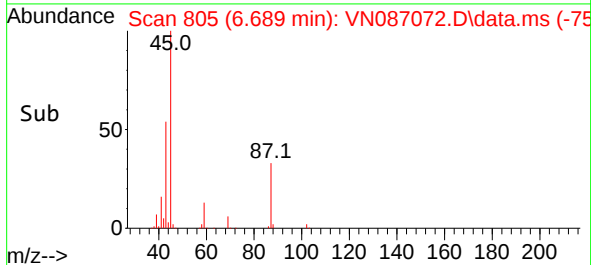
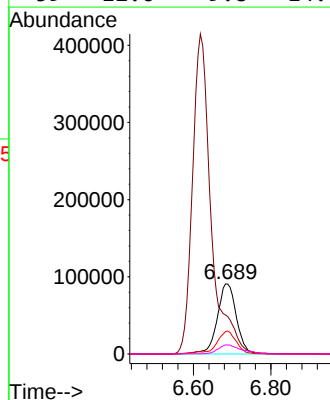
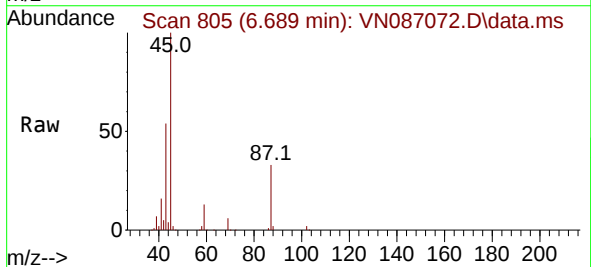
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 106782
Ion Ratio Lower Upper
96 100
61 130.6 109.2 163.8
98 63.5 49.8 74.8



#22
Diisopropyl ether
Concen: 47.606 ug/l
RT: 6.689 min Scan# 805
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

Tgt Ion: 45 Resp: 310324
Ion Ratio Lower Upper
45 100
43 52.9 41.9 62.9
87 32.9 22.4 33.6
59 12.6 9.8 14.6

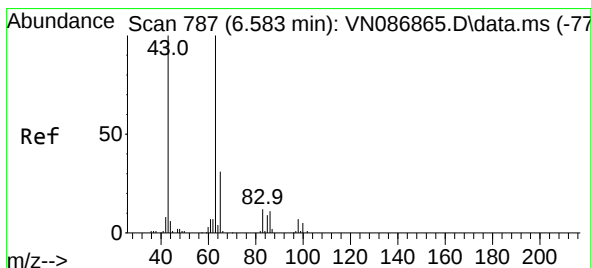
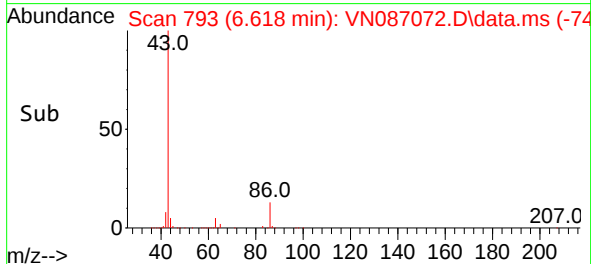
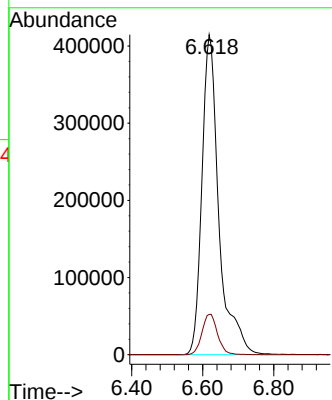
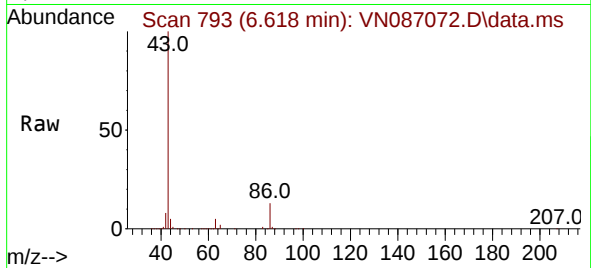




#23
 Vinyl Acetate
 Concen: 250.103 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. 0.000 min
 Lab File: VN087072.D
 Acq: 17 Jun 2025 19:43

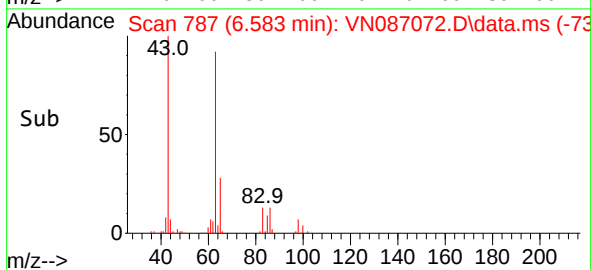
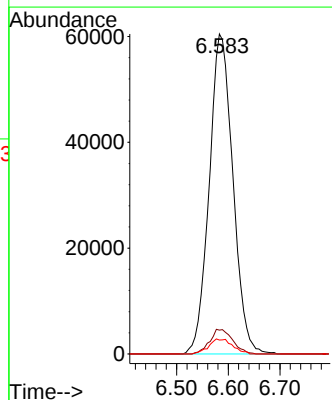
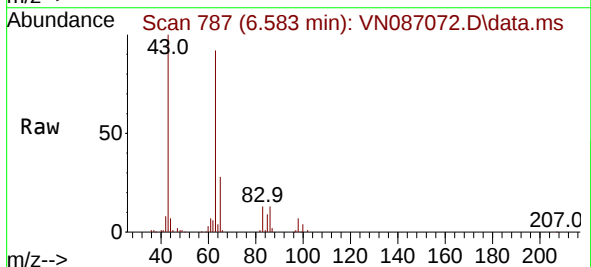
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1377448
 Ion Ratio Lower Upper
 43 100
 86 12.6 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 51.366 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.000 min
 Lab File: VN087072.D
 Acq: 17 Jun 2025 19:43

Tgt Ion: 63 Resp: 192690
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.8
 100 4.4 2.6 7.8

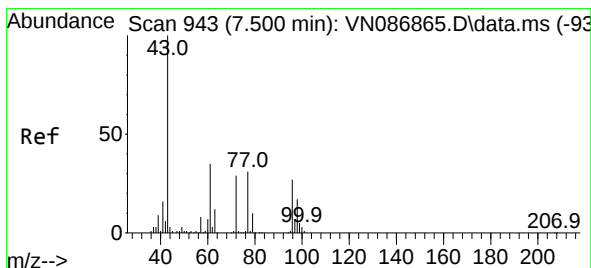
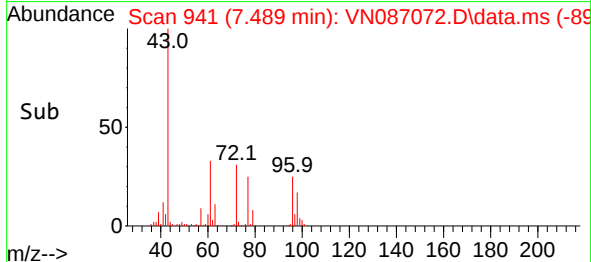
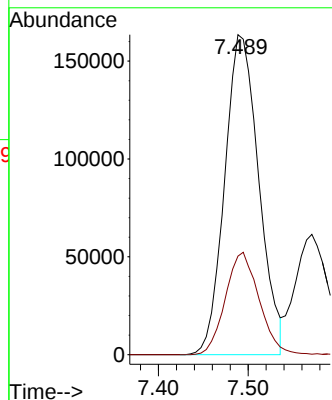
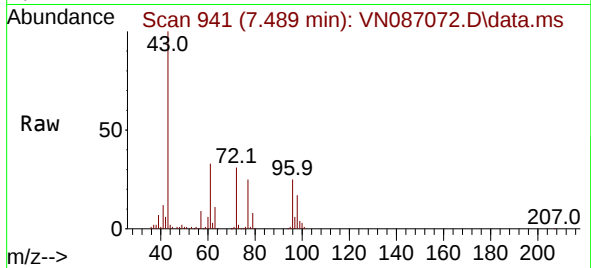




#25
2-Butanone
Concen: 223.445 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

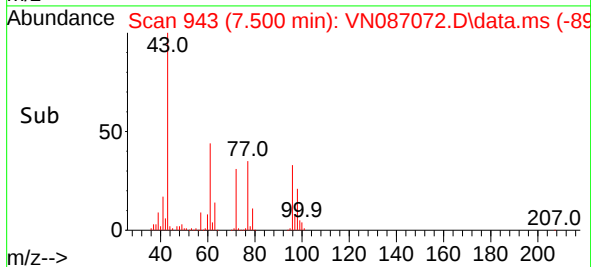
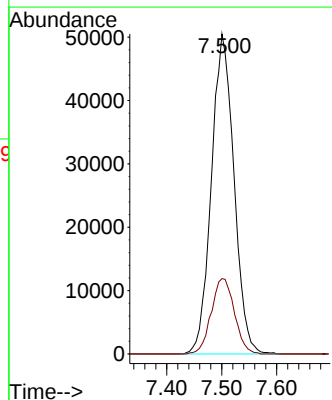
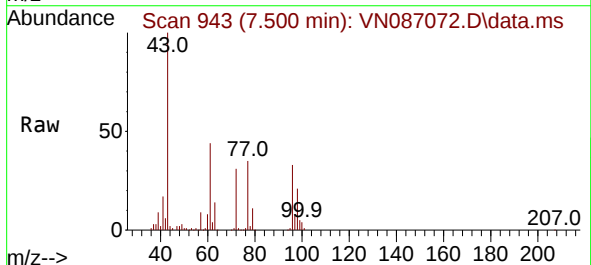
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

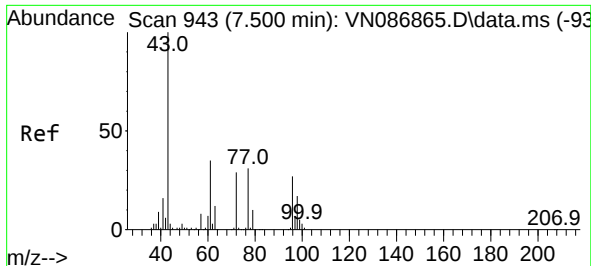
Tgt Ion: 43 Resp: 432033
Ion Ratio Lower Upper
43 100
72 30.8 23.0 34.6



#26
2,2-Dichloropropane
Concen: 49.359 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

Tgt Ion: 77 Resp: 144032
Ion Ratio Lower Upper
77 100
97 24.2 11.6 34.7

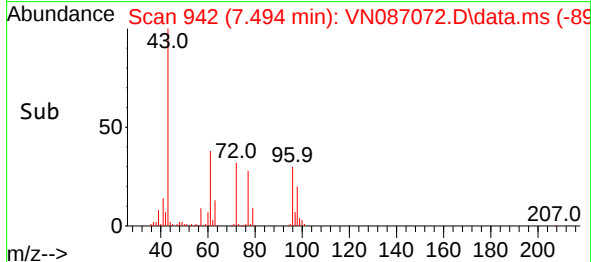
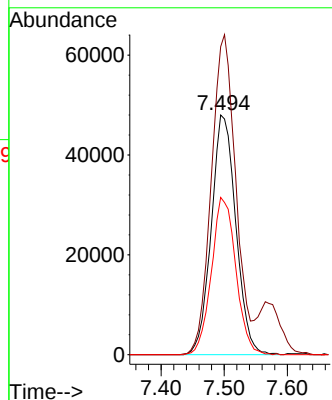
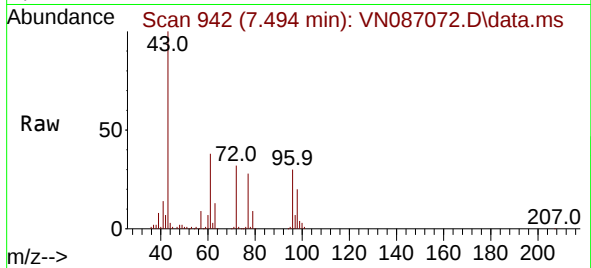




#27
 cis-1,2-Dichloroethene
 Concen: 52.279 ug/l
 RT: 7.494 min Scan# 94
 Delta R.T. -0.006 min
 Lab File: VN087072.D
 Acq: 17 Jun 2025 19:43

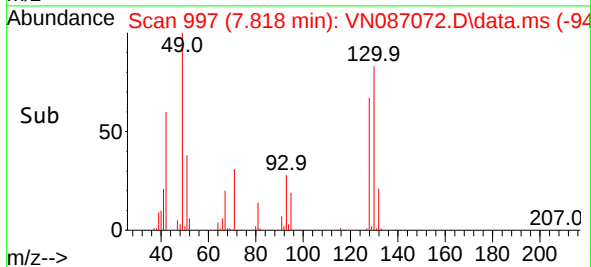
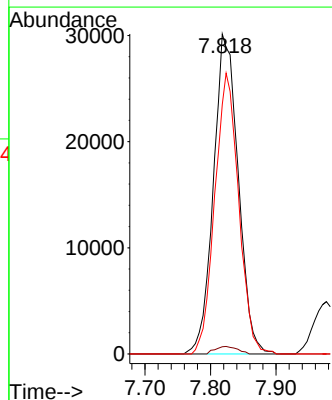
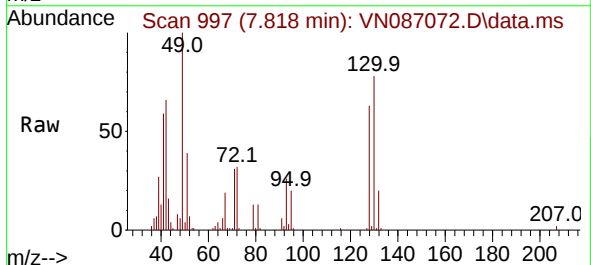
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

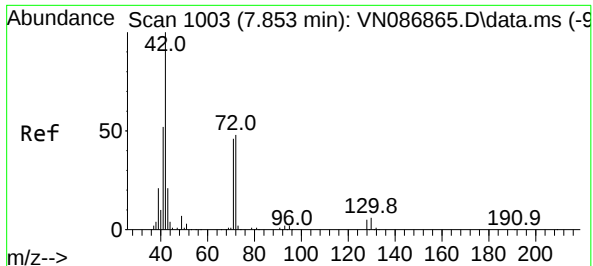
Tgt Ion: 96 Resp: 129711
 Ion Ratio Lower Upper
 96 100
 61 133.7 0.0 278.0
 98 65.2 0.0 128.2



#28
 Bromochloromethane
 Concen: 42.878 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN087072.D
 Acq: 17 Jun 2025 19:43

Tgt Ion: 49 Resp: 79087
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 84.3 62.2 93.2

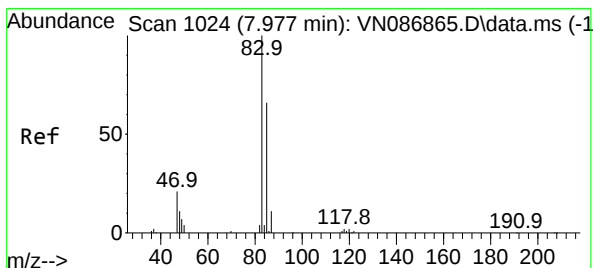
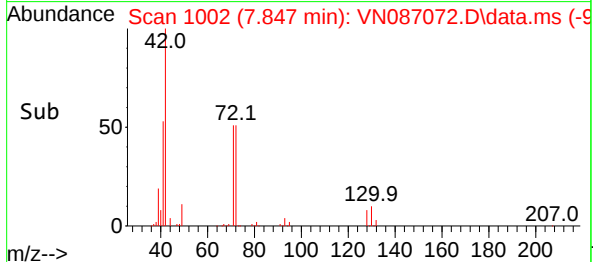
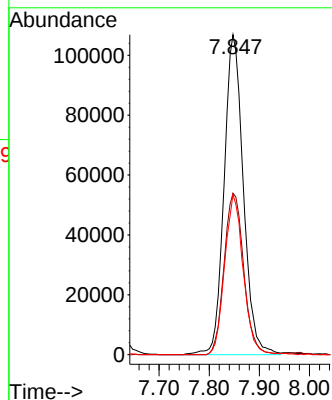
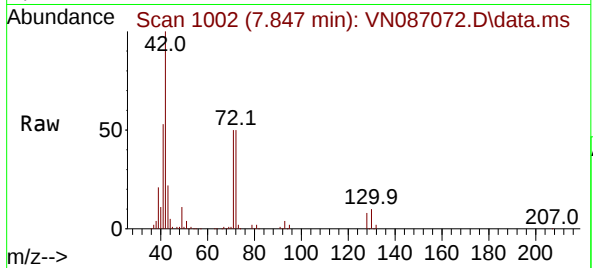




#29
Tetrahydrofuran
Concen: 226.717 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

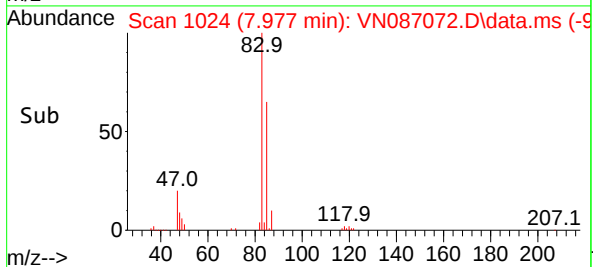
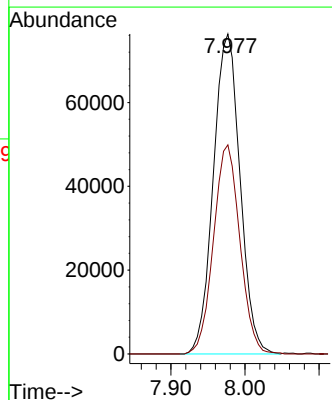
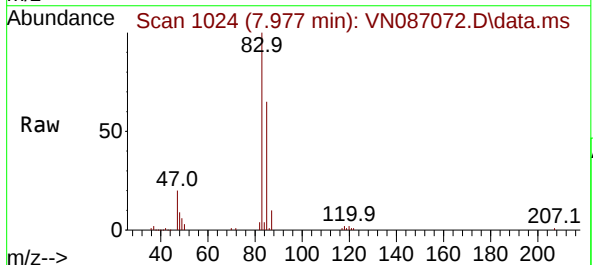
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

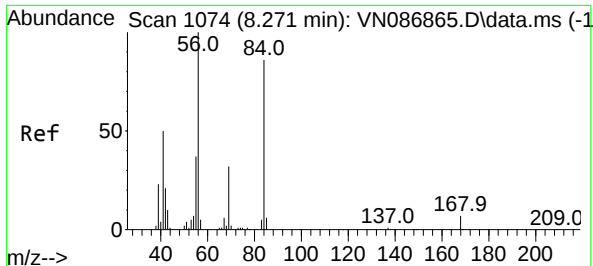
Tgt Ion: 42 Resp: 285560
Ion Ratio Lower Upper
42 100
72 51.4 37.8 56.6
71 48.5 35.6 53.4



#30
Chloroform
Concen: 51.071 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

Tgt Ion: 83 Resp: 191328
Ion Ratio Lower Upper
83 100
85 65.4 52.9 79.3

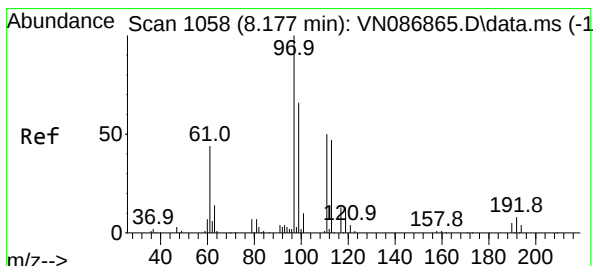
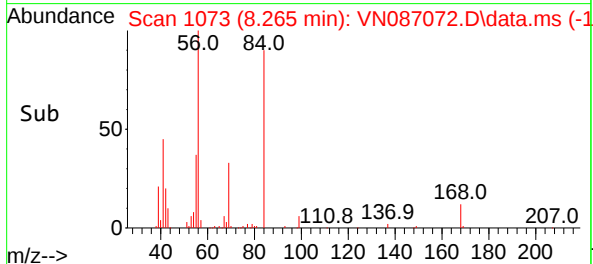
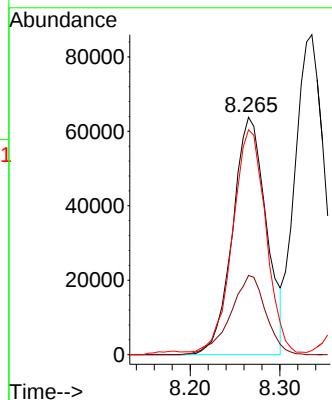
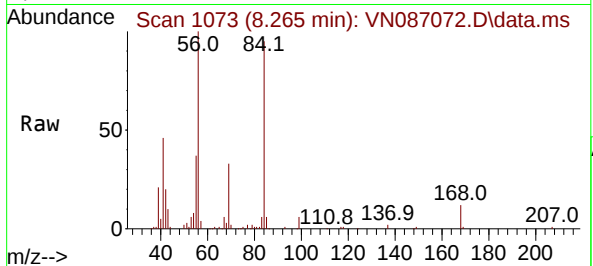




#31
Cyclohexane
Concen: 45.871 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

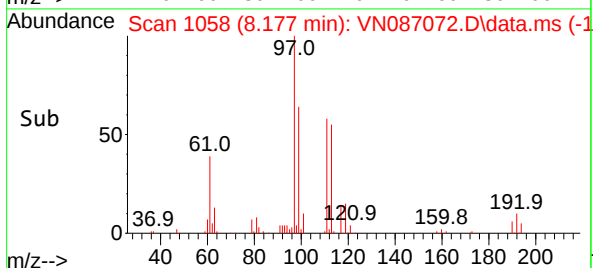
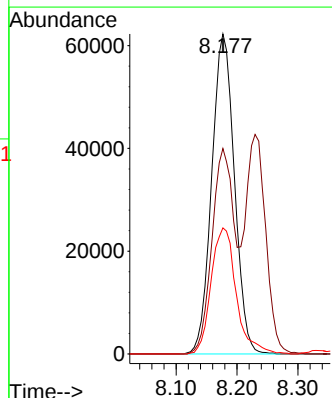
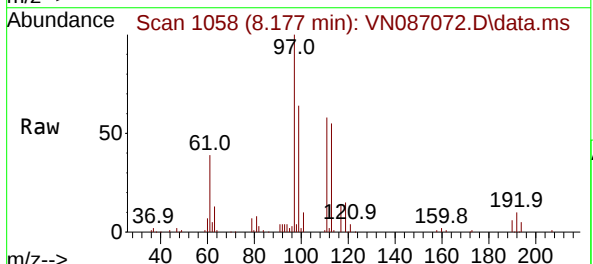
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

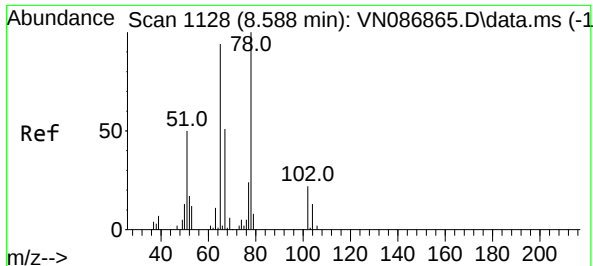
Tgt Ion: 56 Resp: 166881
Ion Ratio Lower Upper
56 100
69 33.1 25.4 38.0
84 93.6 68.8 103.2



#32
1,1,1-Trichloroethane
Concen: 50.523 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

Tgt Ion: 97 Resp: 160982
Ion Ratio Lower Upper
97 100
99 61.2 52.0 78.0
61 43.6 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 43.049 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN087072.D

Acq: 17 Jun 2025 19:43

Instrument :

MSVOA_N

ClientSampleId :

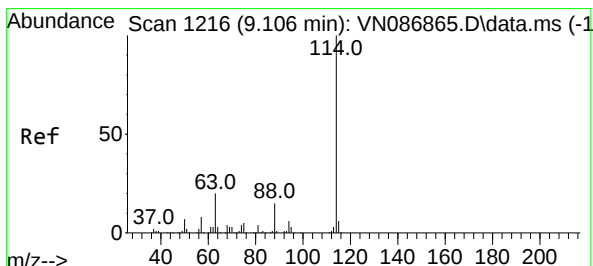
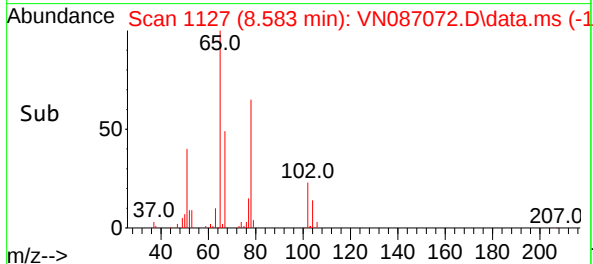
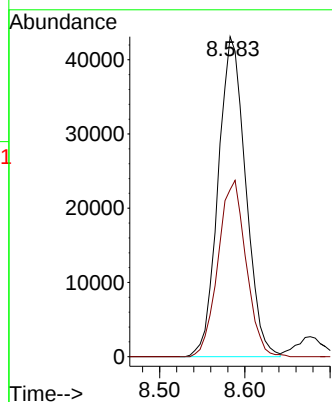
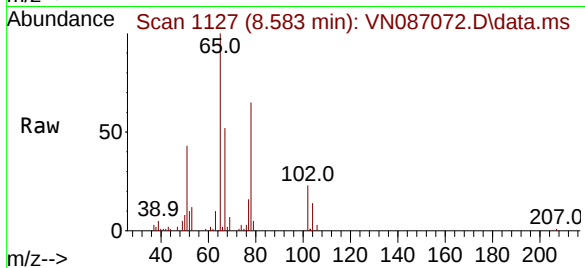
VSTDCCC050EC

Tgt Ion: 65 Resp: 96562

Ion Ratio Lower Upper

65 100

67 56.1 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN087072.D

Acq: 17 Jun 2025 19:43

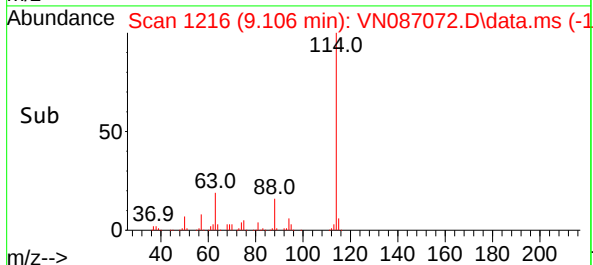
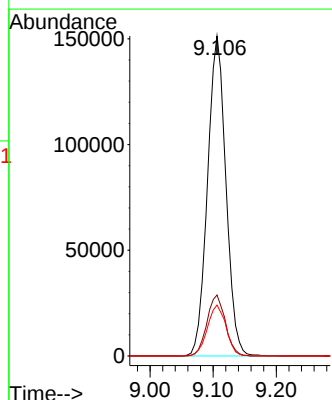
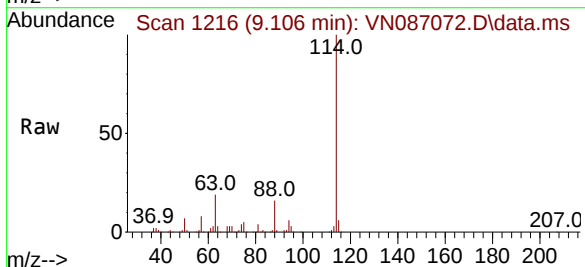
Tgt Ion: 114 Resp: 306106

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.6

88 15.9 0.0 30.2

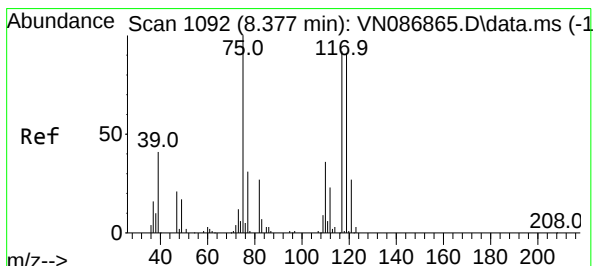
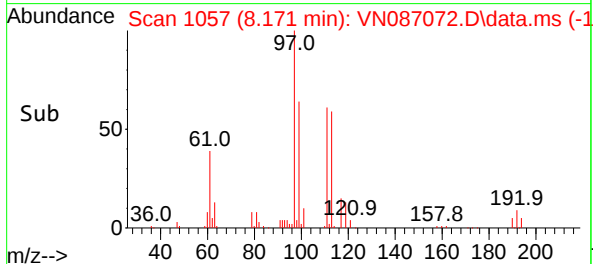
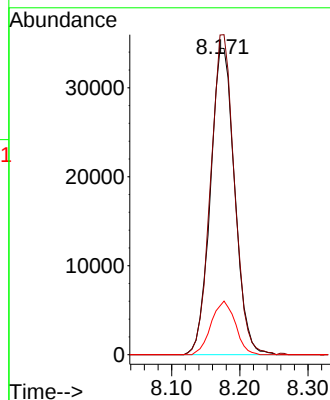
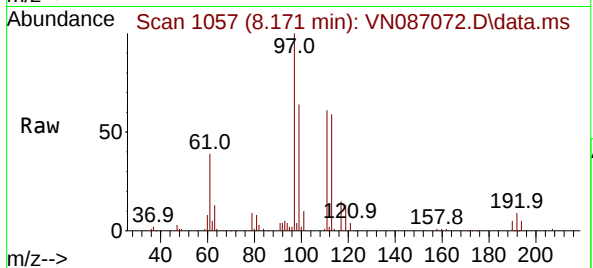




#35
Dibromofluoromethane
Concen: 47.004 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

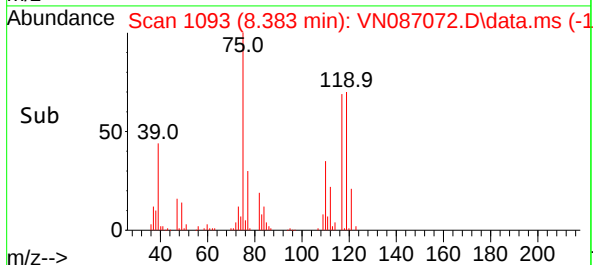
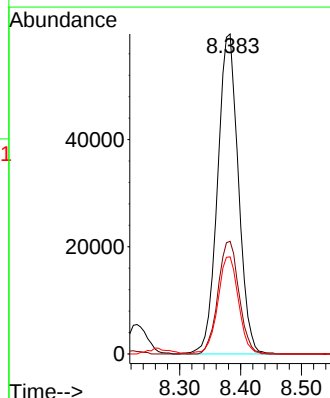
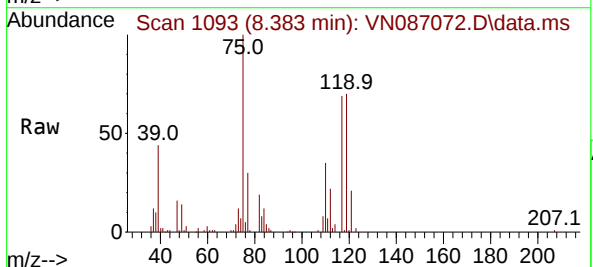
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 85268
Ion Ratio Lower Upper
113 100
111 102.1 84.2 126.2
192 17.4 14.2 21.4



#36
1,1-Dichloropropene
Concen: 52.347 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

Tgt Ion: 75 Resp: 141500
Ion Ratio Lower Upper
75 100
110 35.5 17.6 52.9
77 30.2 25.3 37.9

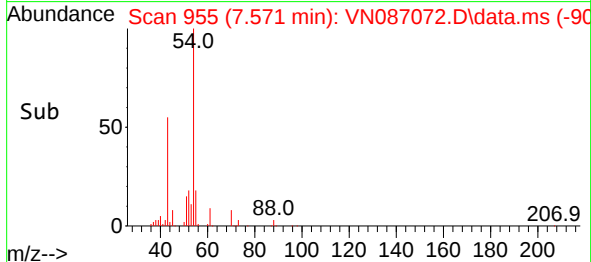
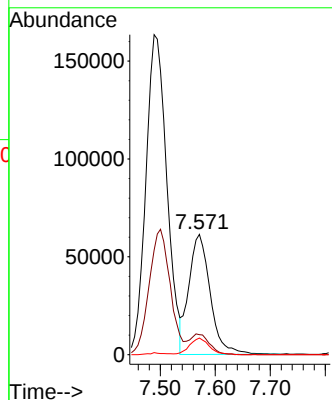
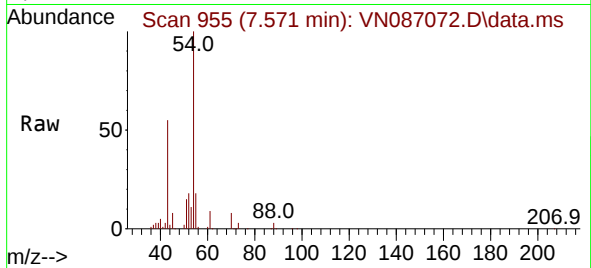




#37
Ethyl Acetate
Concen: 48.087 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

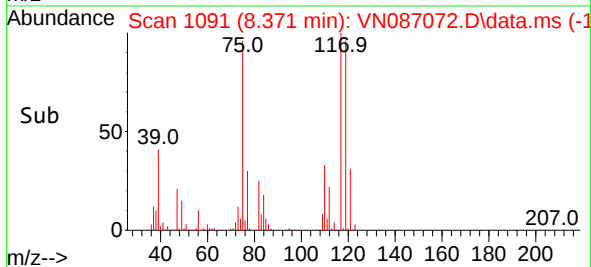
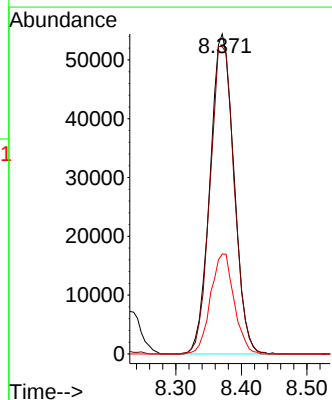
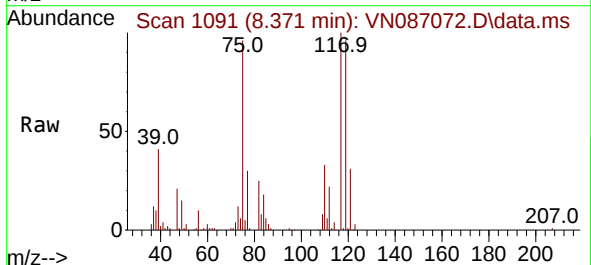
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

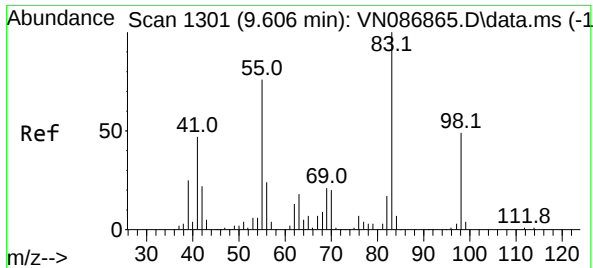
Tgt Ion: 43 Resp: 165471
Ion Ratio Lower Upper
43 100
61 15.4 12.1 18.1
70 12.8 9.8 14.6



#38
Carbon Tetrachloride
Concen: 51.827 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

Tgt Ion: 117 Resp: 137539
Ion Ratio Lower Upper
117 100
119 96.0 75.0 112.6
121 31.2 24.9 37.3

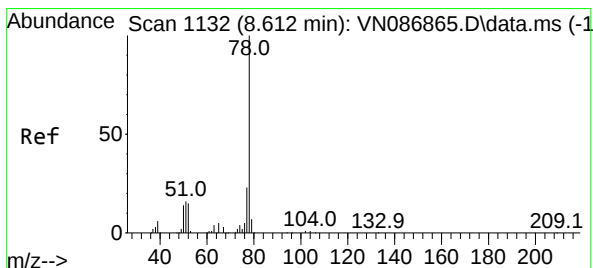
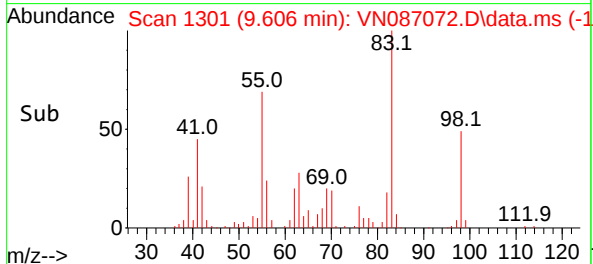
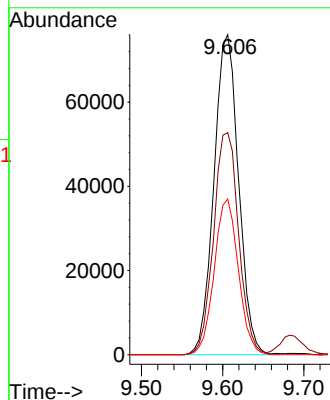
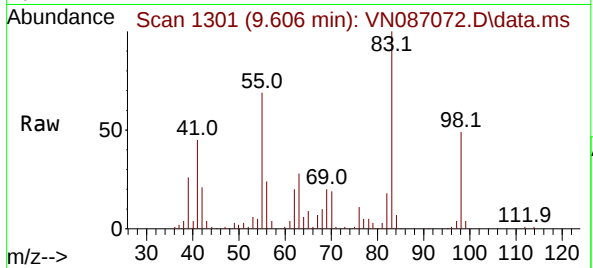




#39
Methylcyclohexane
Concen: 43.354 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

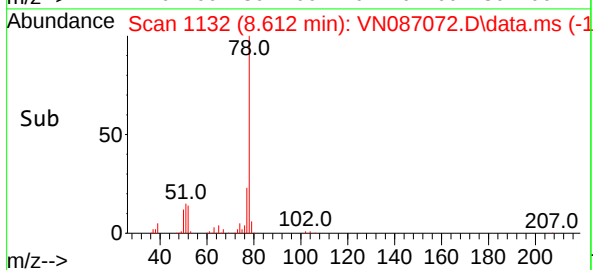
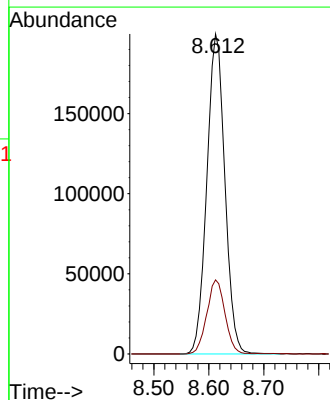
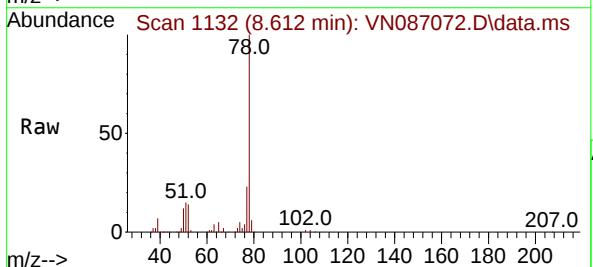
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 160557
Ion Ratio Lower Upper
83 100
55 69.4 61.0 91.6
98 48.6 38.9 58.3



#40
Benzene
Concen: 51.459 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

Tgt Ion: 78 Resp: 454862
Ion Ratio Lower Upper
78 100
77 23.1 18.7 28.1

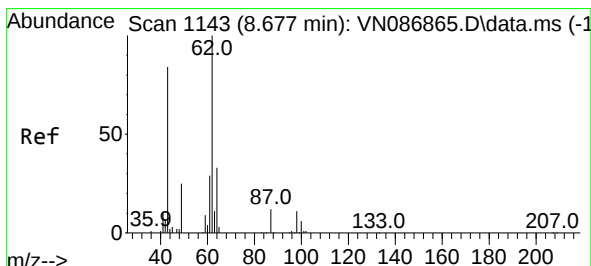
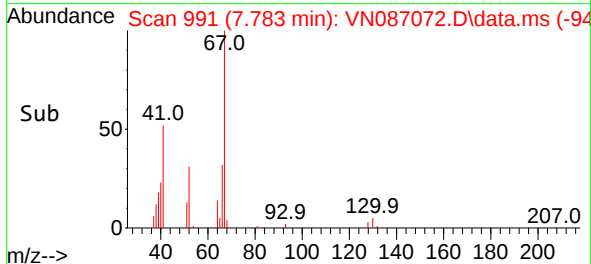
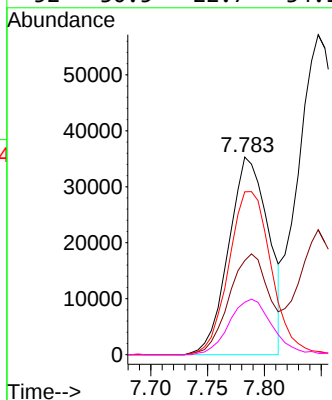
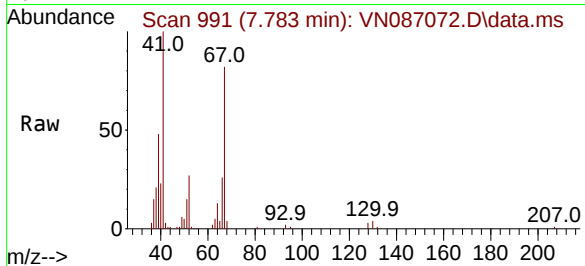




#41
Methacrylonitrile
Concen: 44.676 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

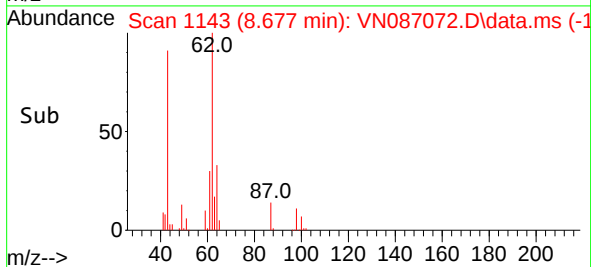
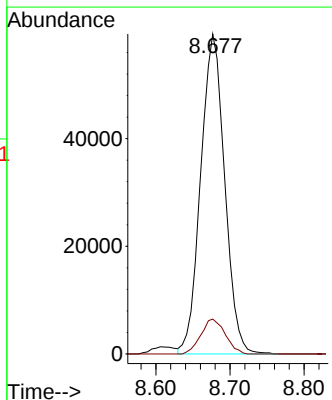
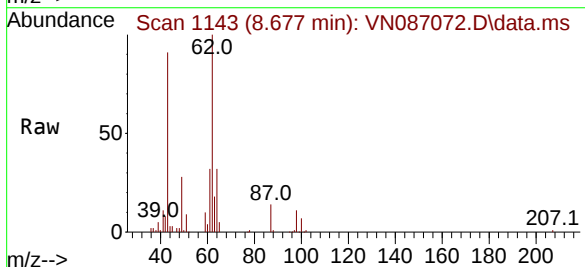
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

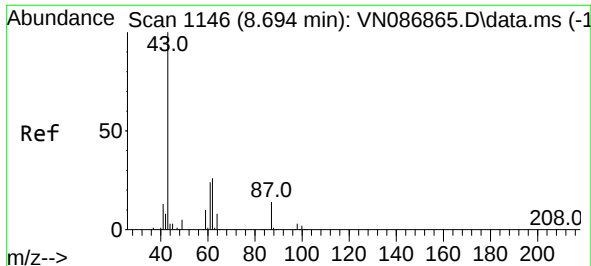
Tgt Ion: 41	Resp: 86338
Ion Ratio	Lower Upper
41 100	
39 51.1	41.2 61.8
67 88.1	61.4 92.2
52 30.5	22.7 34.1



#42
1,2-Dichloroethane
Concen: 49.844 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

Tgt Ion: 62	Resp: 133634
Ion Ratio	Lower Upper
62 100	
98 11.0	0.0 21.2

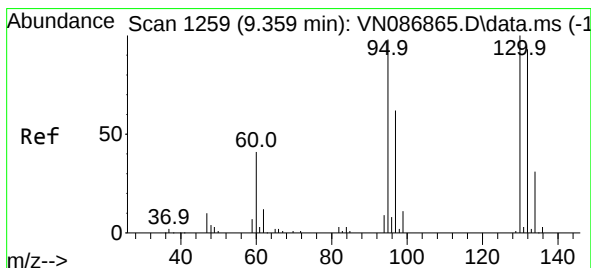
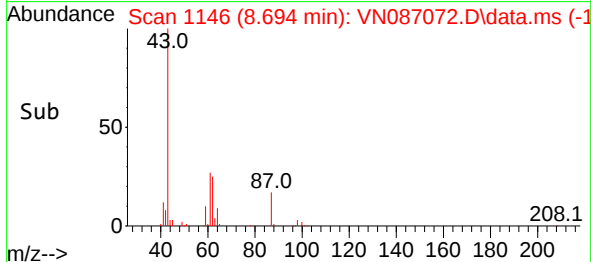
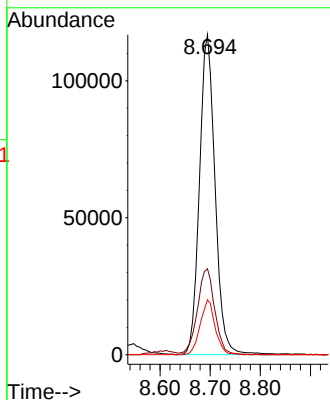
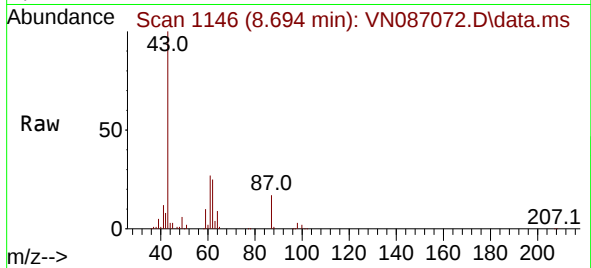




#43
Isopropyl Acetate
Concen: 45.798 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

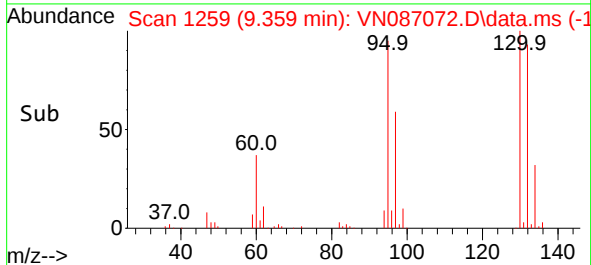
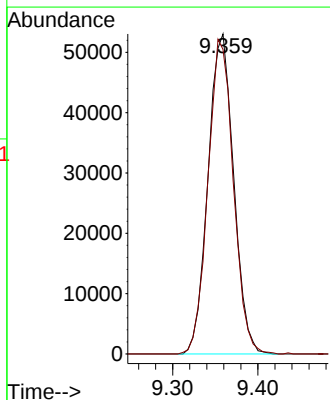
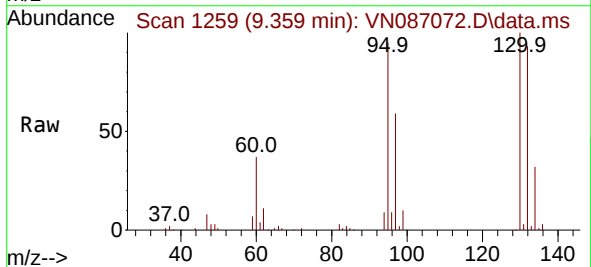
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

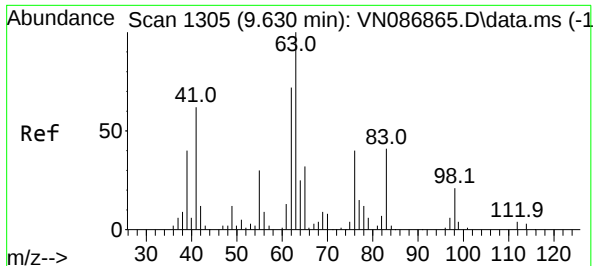
Tgt Ion: 43 Resp: 252941
Ion Ratio Lower Upper
43 100
61 29.8 22.1 33.1
87 16.4 11.8 17.6



#44
Trichloroethene
Concen: 52.953 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

Tgt Ion:130 Resp: 110988
Ion Ratio Lower Upper
130 100
95 95.2 0.0 196.2





#45

1,2-Dichloropropane

Concen: 51.342 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN087072.D

Acq: 17 Jun 2025 19:43

Instrument :

MSVOA_N

ClientSampleId :

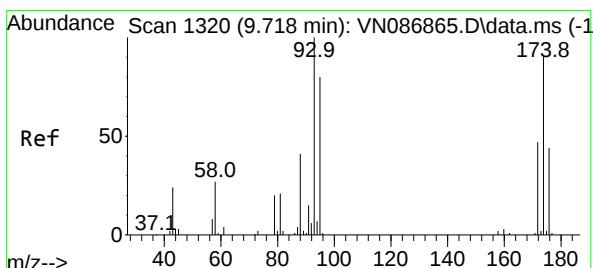
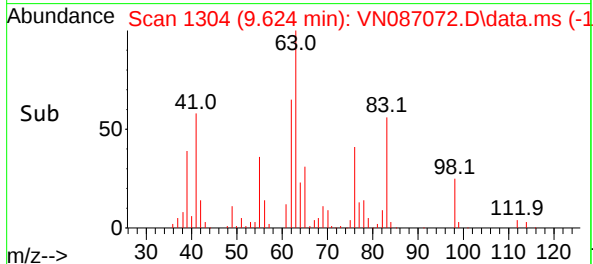
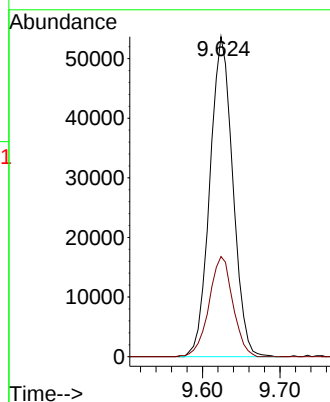
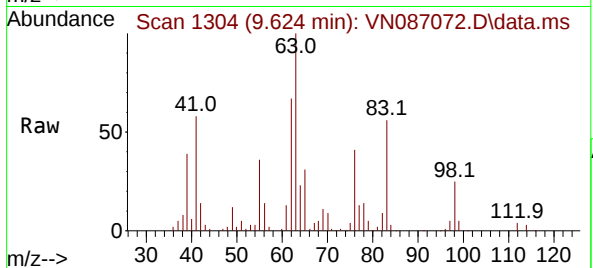
VSTDCCC050EC

Tgt Ion: 63 Resp: 110409

Ion Ratio Lower Upper

63 100

65 31.3 25.5 38.3



#46

Dibromomethane

Concen: 53.815 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN087072.D

Acq: 17 Jun 2025 19:43

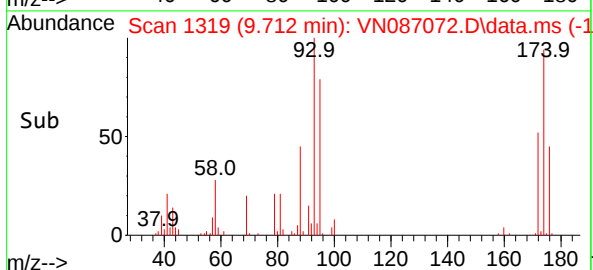
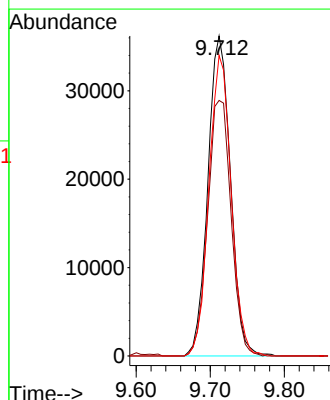
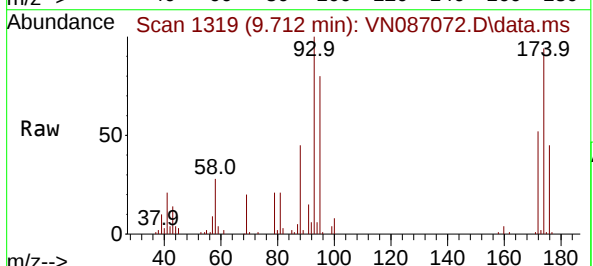
Tgt Ion: 93 Resp: 76868

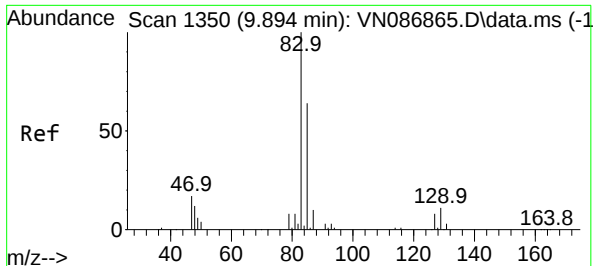
Ion Ratio Lower Upper

93 100

95 82.9 67.1 100.7

174 92.4 74.2 111.4

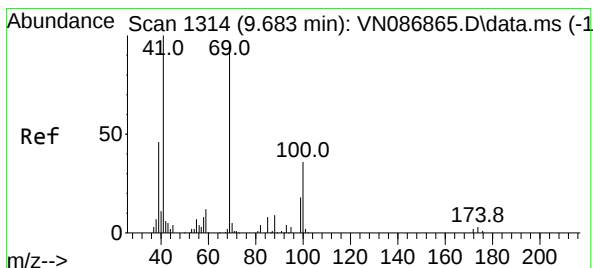
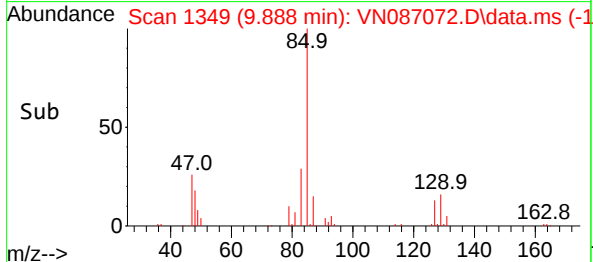
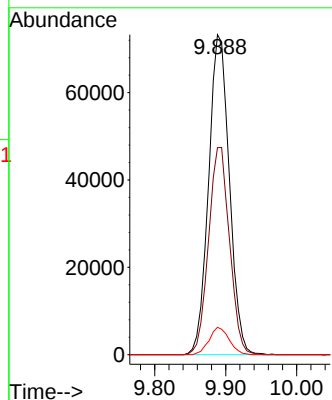
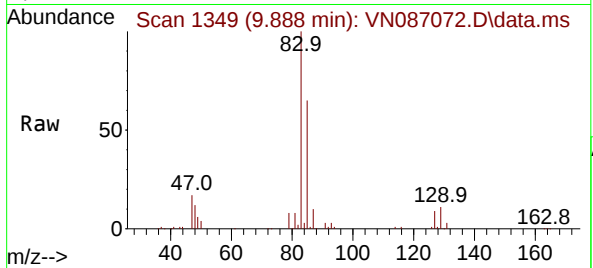




#47
Bromodichloromethane
Concen: 50.600 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

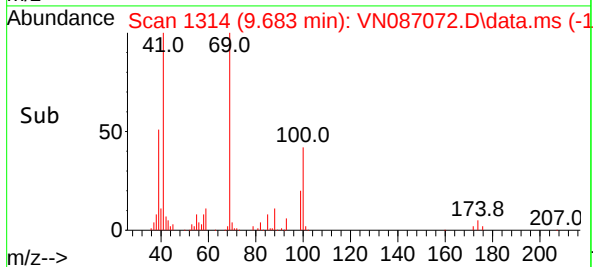
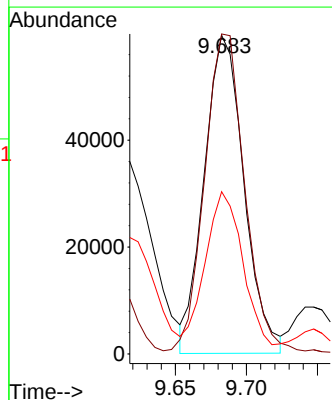
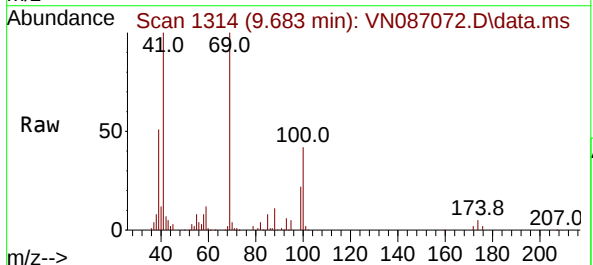
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

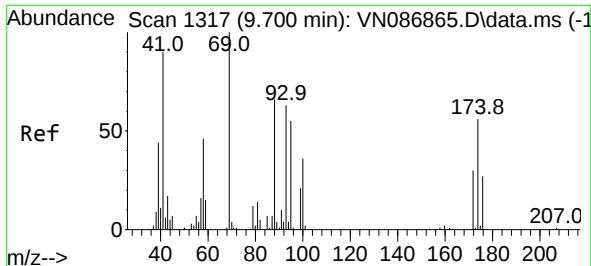
Tgt Ion: 83 Resp: 148705
Ion Ratio Lower Upper
83 100
85 64.7 50.9 76.3
127 8.5 6.6 10.0



#48
Methyl methacrylate
Concen: 45.478 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

Tgt Ion: 41 Resp: 115606
Ion Ratio Lower Upper
41 100
69 102.3 74.6 112.0
39 50.4 40.2 60.4





#49

1,4-Dioxane

Concen: 1023.116 ug/l

RT: 9.700 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087072.D

Acq: 17 Jun 2025 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

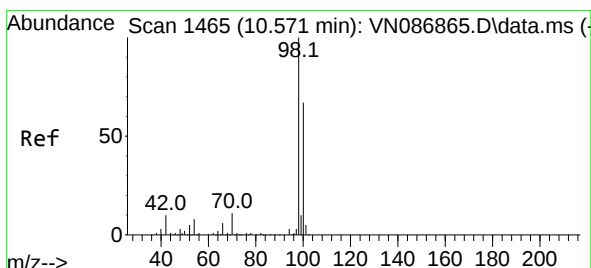
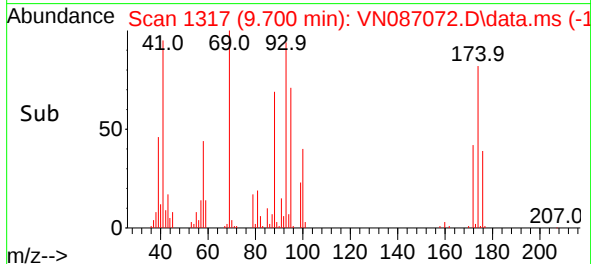
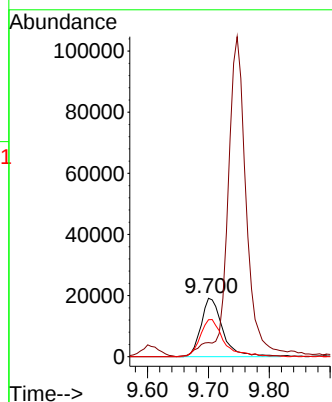
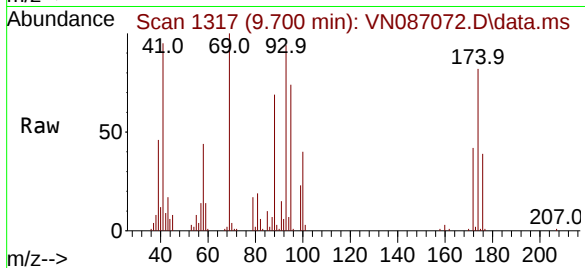
Tgt Ion: 88 Resp: 47314

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 69.3 57.7 86.5



#50

Toluene-d8

Concen: 43.912 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN087072.D

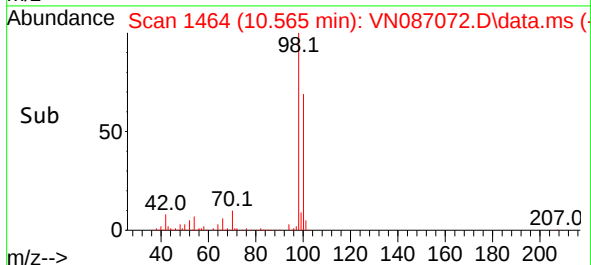
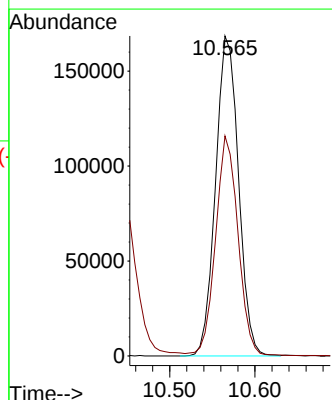
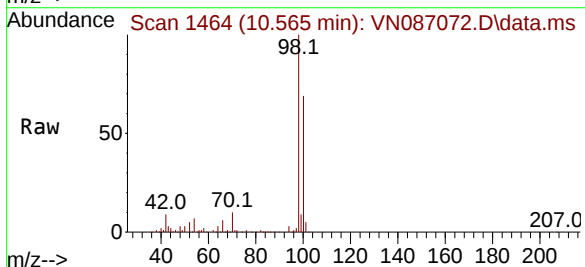
Acq: 17 Jun 2025 19:43

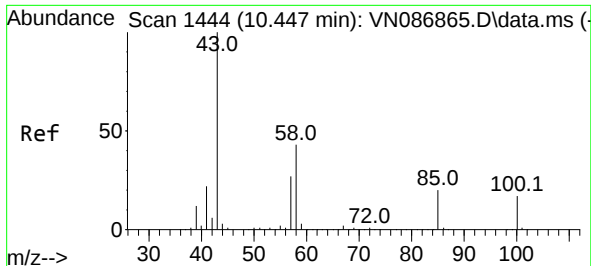
Tgt Ion: 98 Resp: 315347

Ion Ratio Lower Upper

98 100

100 67.2 53.4 80.0

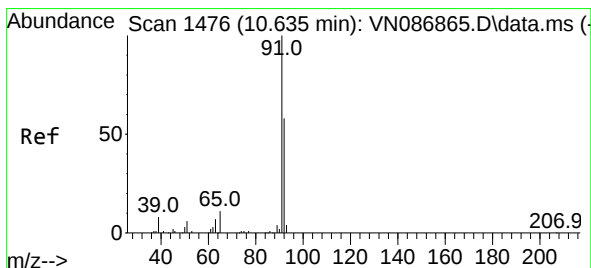
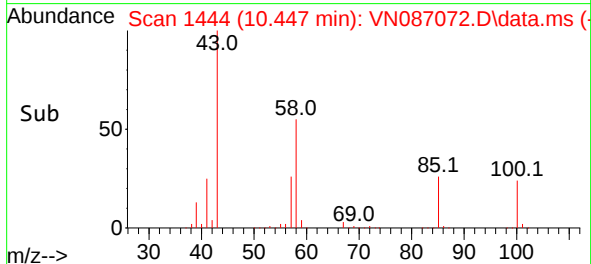
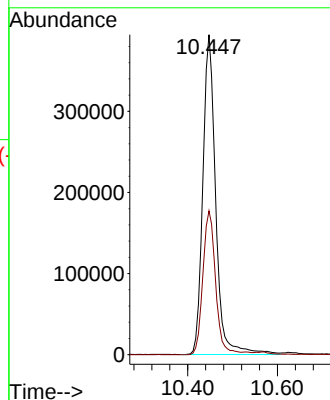
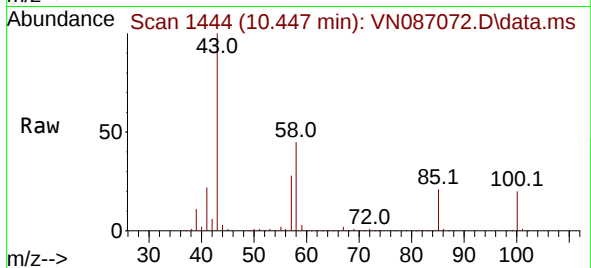




#51
4-Methyl-2-Pentanone
Concen: 236.369 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

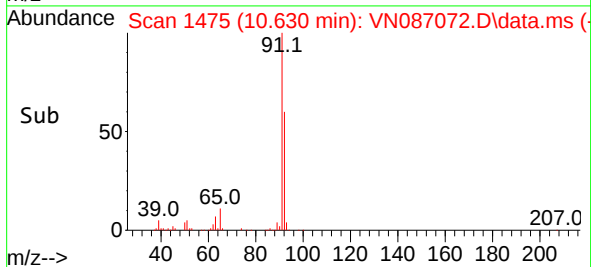
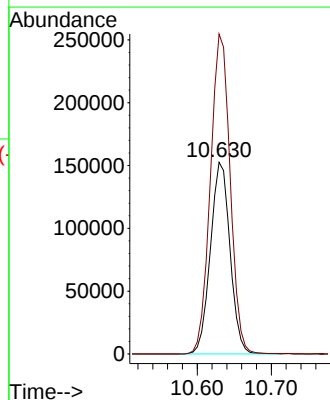
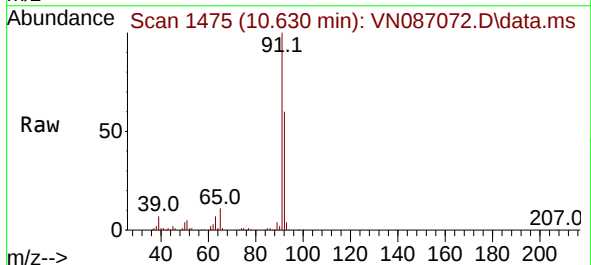
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

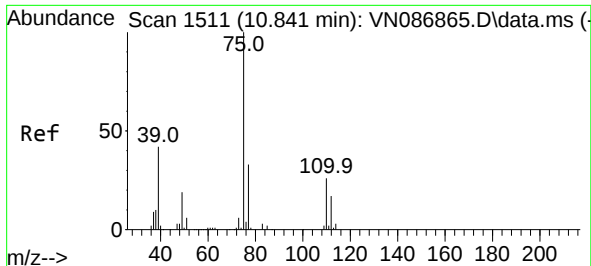
Tgt Ion: 43 Resp: 785897
Ion Ratio Lower Upper
43 100
58 44.9 34.2 51.4



#52
Toluene
Concen: 51.889 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

Tgt Ion: 92 Resp: 280299
Ion Ratio Lower Upper
92 100
91 168.5 136.5 204.7

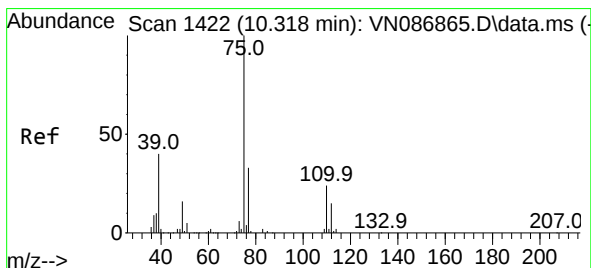
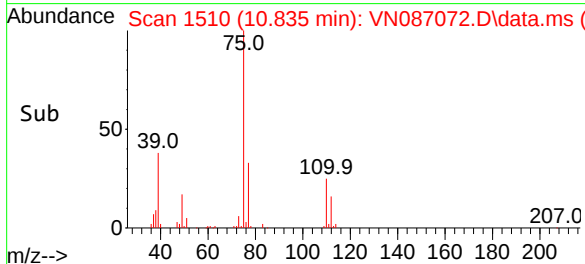
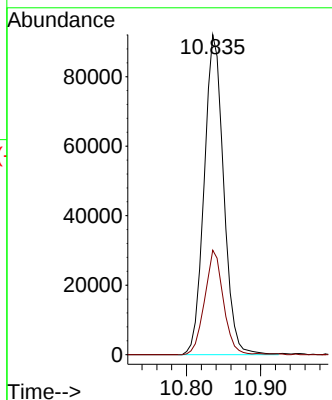
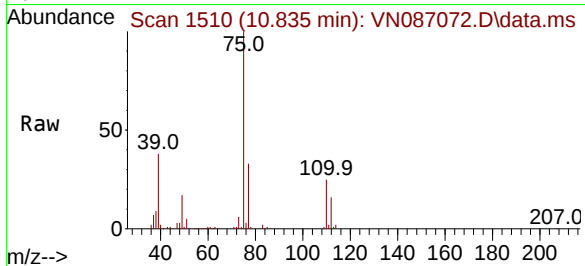




#53
t-1,3-Dichloropropene
Concen: 51.076 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

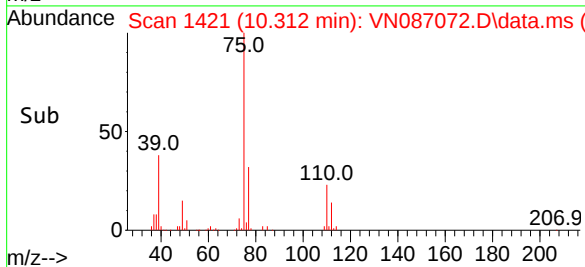
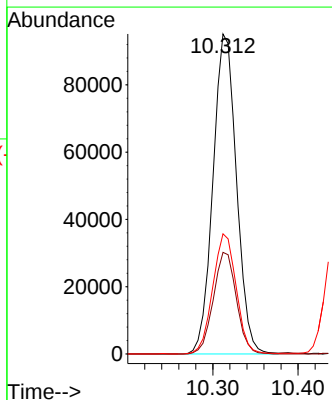
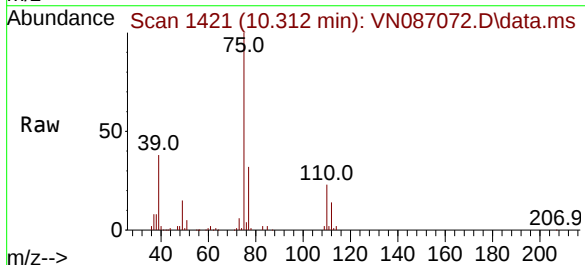
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

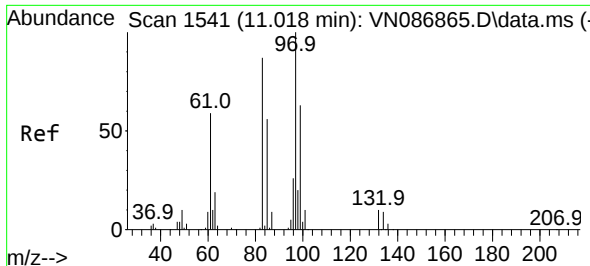
Tgt Ion: 75 Resp: 167848
Ion Ratio Lower Upper
75 100
77 32.7 26.4 39.6



#54
cis-1,3-Dichloropropene
Concen: 51.826 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

Tgt Ion: 75 Resp: 182228
Ion Ratio Lower Upper
75 100
77 31.7 26.2 39.4
39 37.6 32.3 48.5

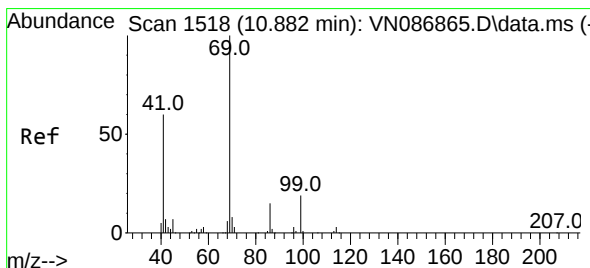
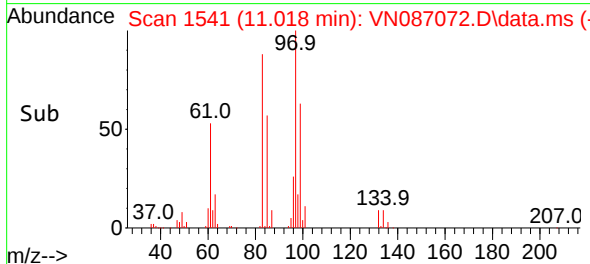
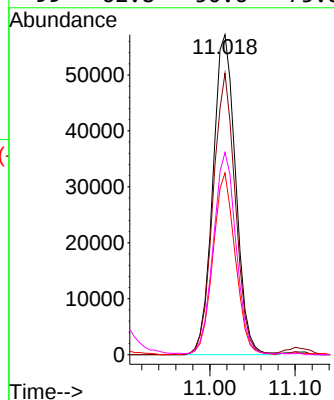
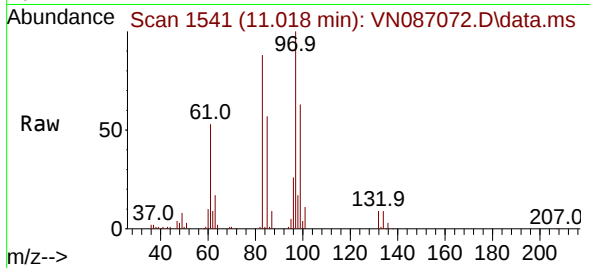




#55
1,1,2-Trichloroethane
Concen: 51.266 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

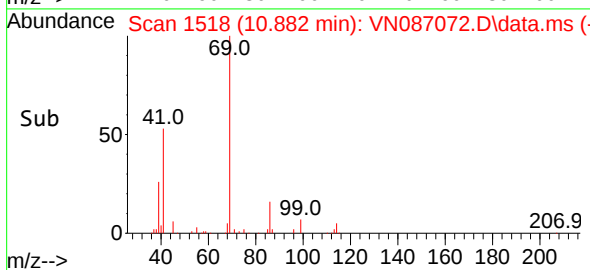
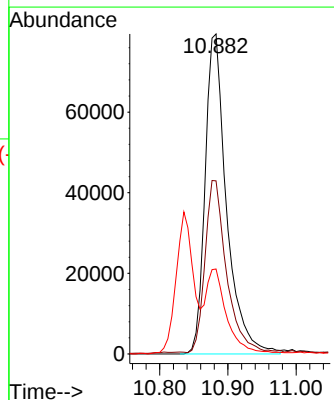
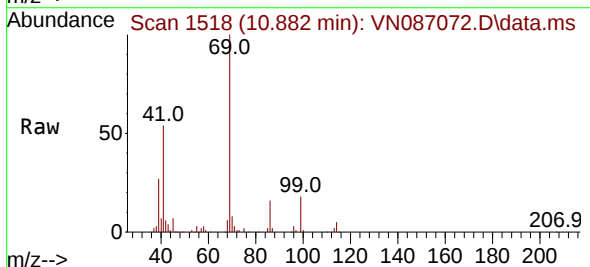
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

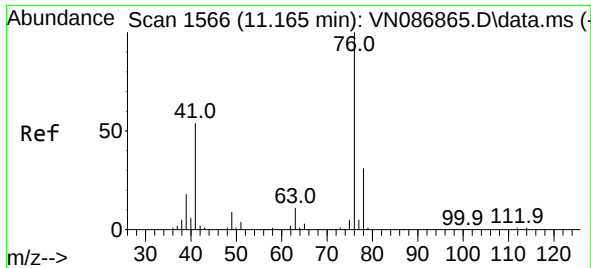
Tgt Ion: 97 Resp: 106560
Ion Ratio Lower Upper
97 100
83 87.9 69.7 104.5
85 56.8 45.1 67.7
99 62.8 50.6 75.8



#56
Ethyl methacrylate
Concen: 52.544 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

Tgt Ion: 69 Resp: 173955
Ion Ratio Lower Upper
69 100
41 53.8 47.2 70.8
39 25.6 23.0 34.6

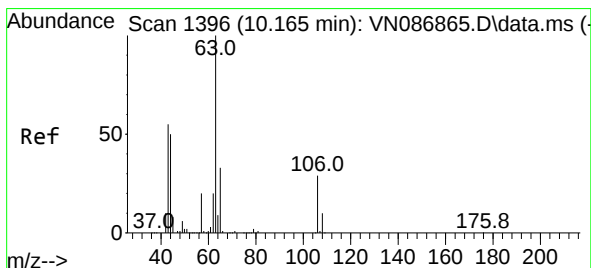
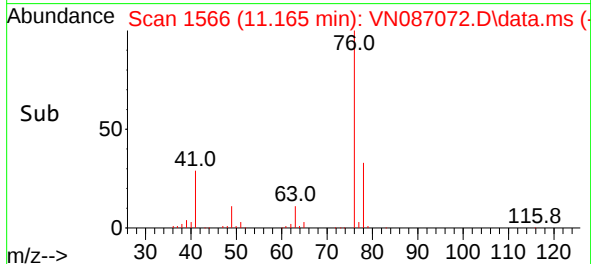
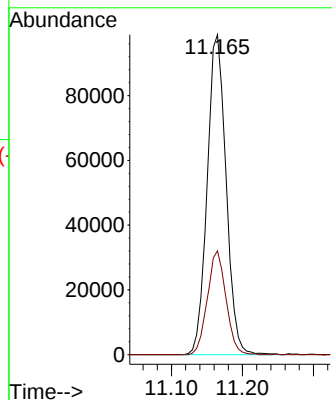
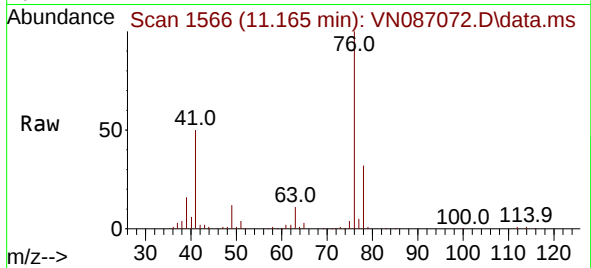




#57
1,3-Dichloropropane
Concen: 50.593 ug/l
RT: 11.165 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

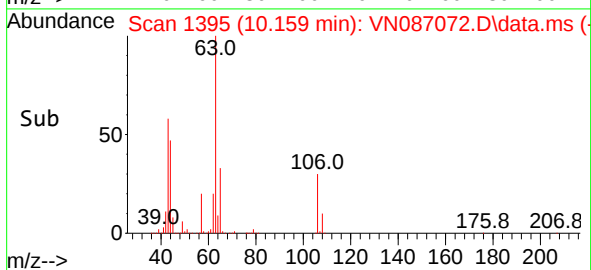
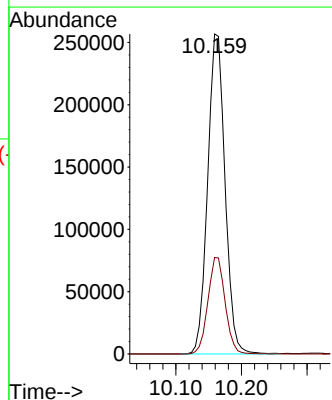
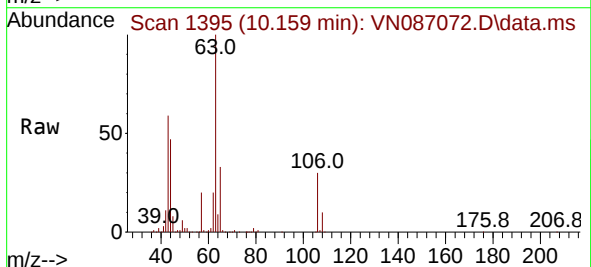
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

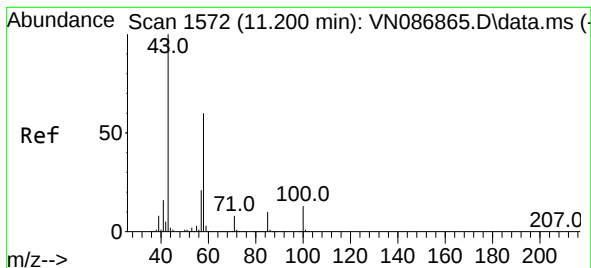
Tgt Ion: 76 Resp: 182424
Ion Ratio Lower Upper
76 100
78 32.0 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 239.927 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

Tgt Ion: 63 Resp: 473770
Ion Ratio Lower Upper
63 100
106 29.8 23.0 34.6

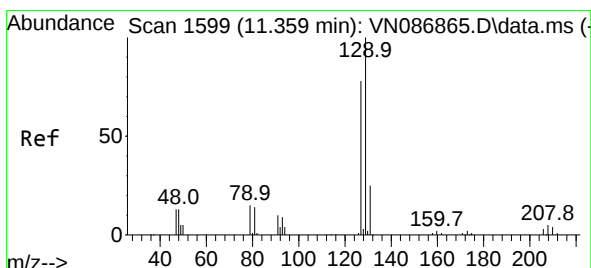
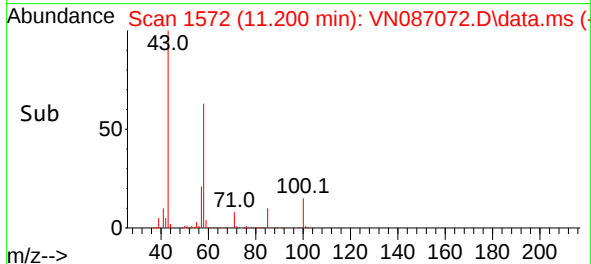
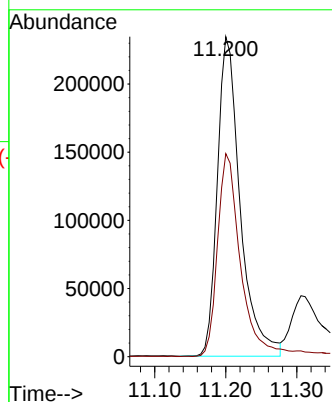
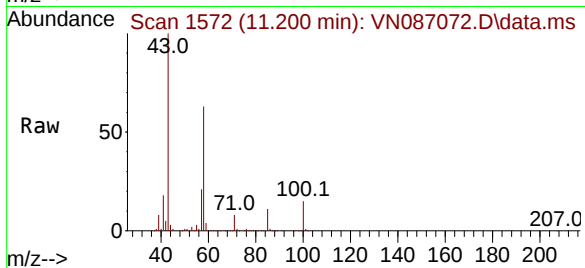




#59
2-Hexanone
Concen: 243.662 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

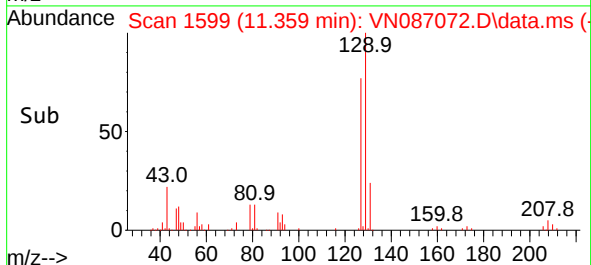
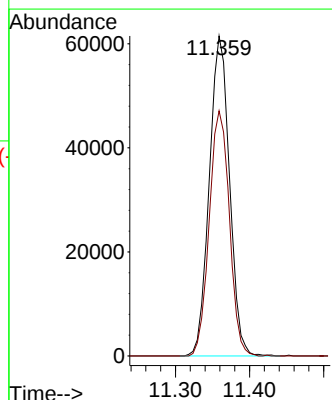
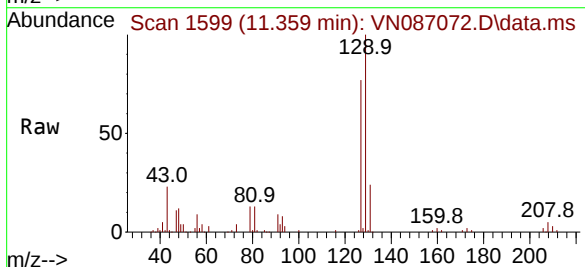
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

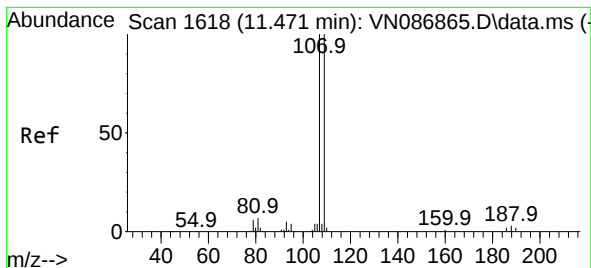
Tgt Ion: 43 Resp: 521841
Ion Ratio Lower Upper
43 100
58 66.2 30.4 91.3



#60
Dibromochloromethane
Concen: 53.772 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

Tgt Ion: 129 Resp: 116451
Ion Ratio Lower Upper
129 100
127 76.3 38.6 115.8

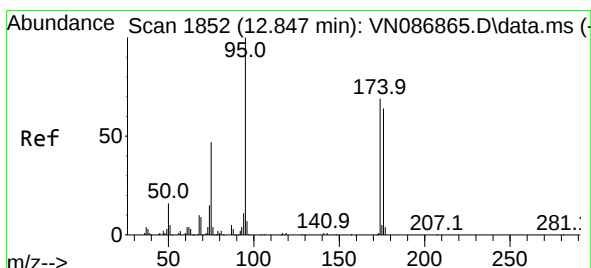
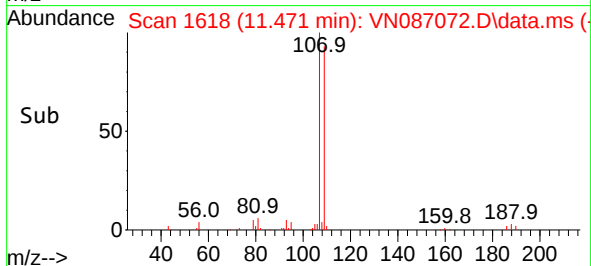
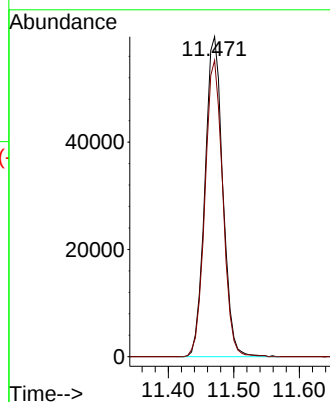
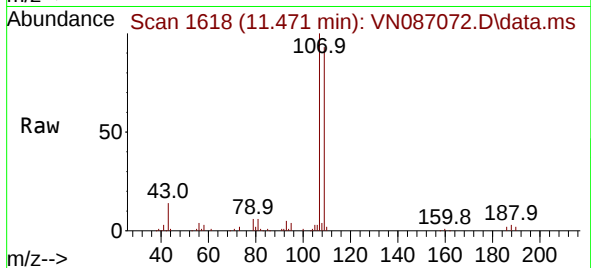




#61
1,2-Dibromoethane
Concen: 52.979 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

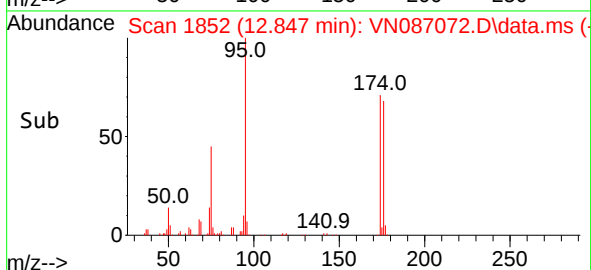
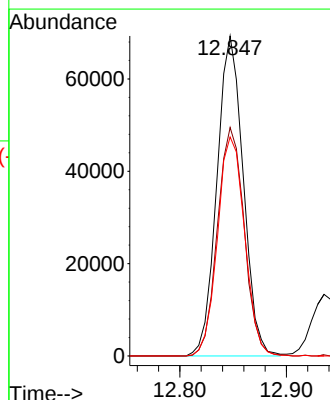
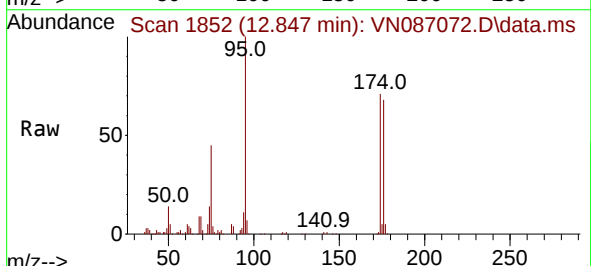
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

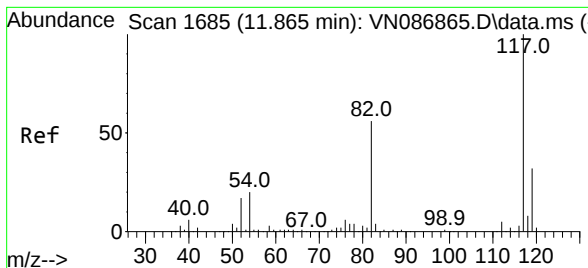
Tgt Ion:107 Resp: 112872
Ion Ratio Lower Upper
107 100
109 92.3 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 44.575 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

Tgt Ion: 95 Resp: 118929
Ion Ratio Lower Upper
95 100
174 72.4 0.0 141.8
176 70.6 0.0 132.6

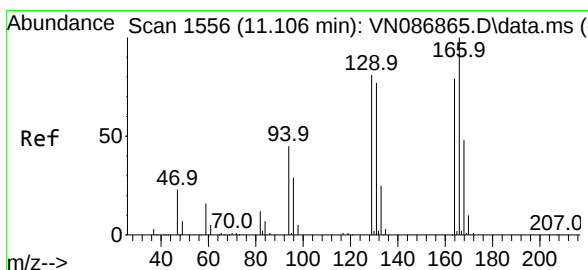
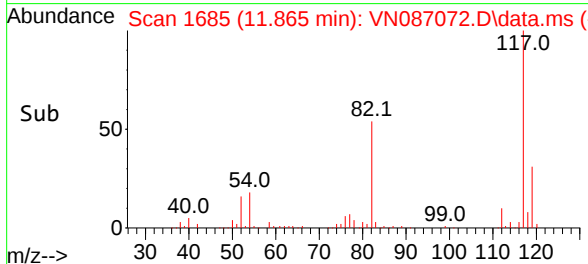
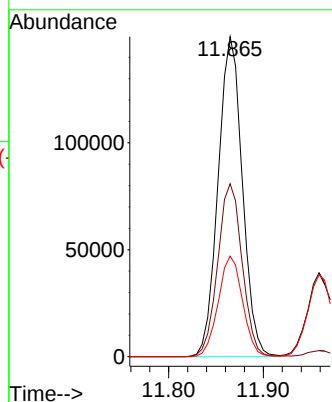
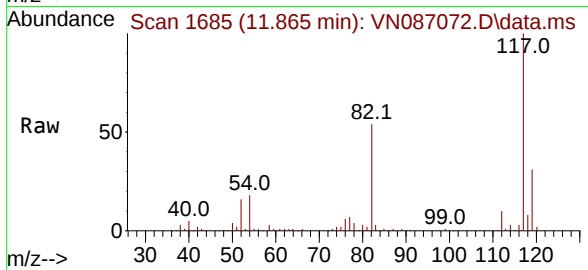




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

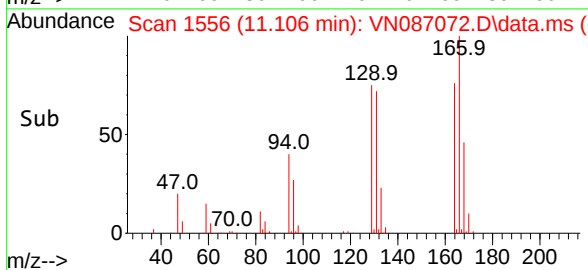
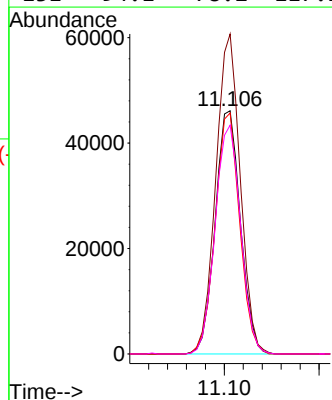
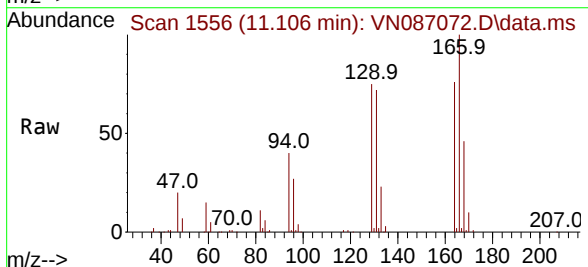
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

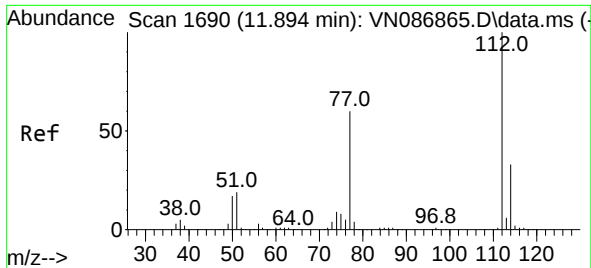
Tgt Ion:117 Resp: 265997
Ion Ratio Lower Upper
117 100
82 54.0 44.6 67.0
119 31.4 25.5 38.3



#64
Tetrachloroethene
Concen: 50.712 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

Tgt Ion:164 Resp: 85369
Ion Ratio Lower Upper
164 100
166 131.6 101.8 152.8
129 99.1 83.0 124.4
131 94.1 78.2 117.2

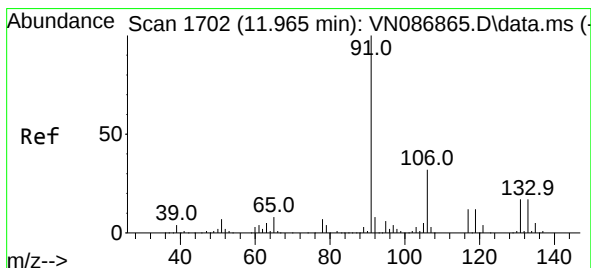
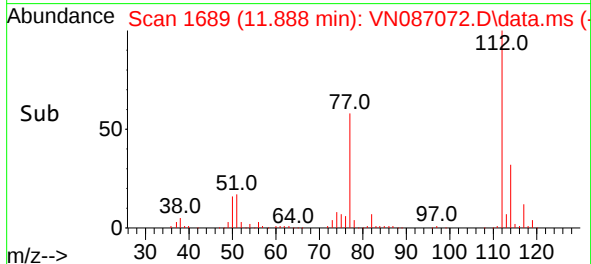
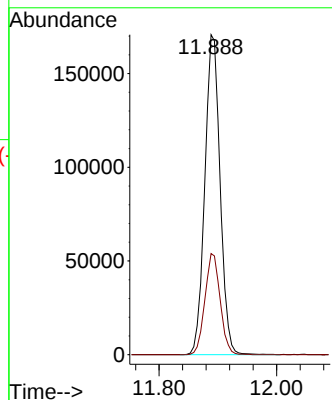
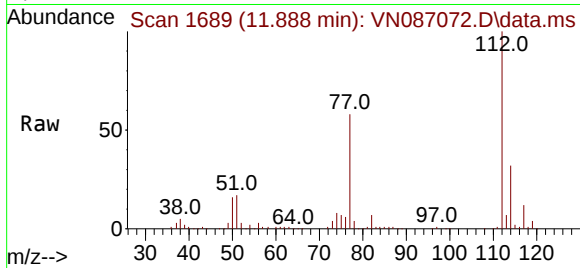




#65
Chlorobenzene
Concen: 52.609 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

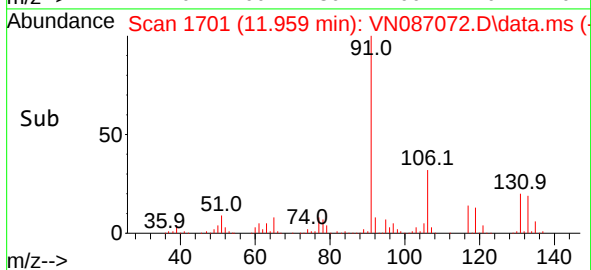
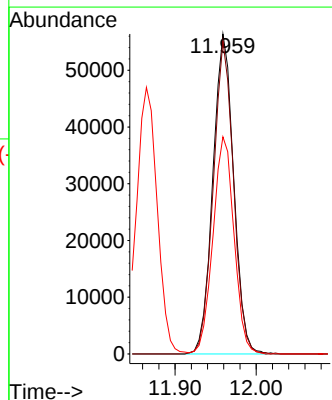
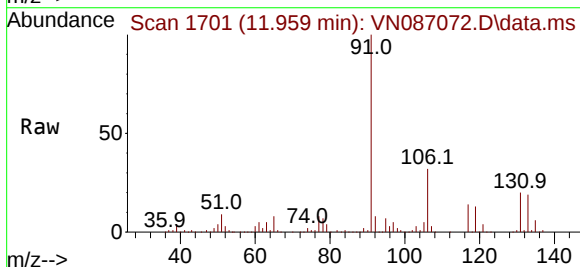
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

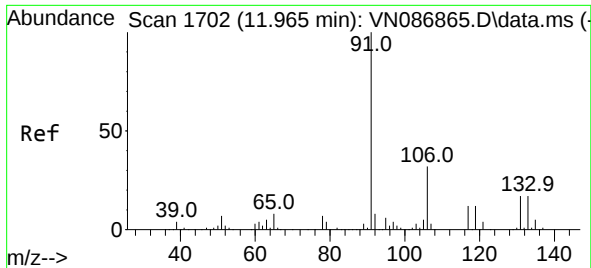
Tgt Ion:112 Resp: 308637
Ion Ratio Lower Upper
112 100
114 31.6 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 53.179 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

Tgt Ion:131 Resp: 100286
Ion Ratio Lower Upper
131 100
133 95.2 48.3 144.8
119 68.7 34.0 101.8

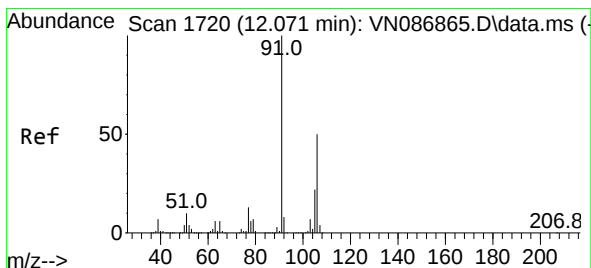
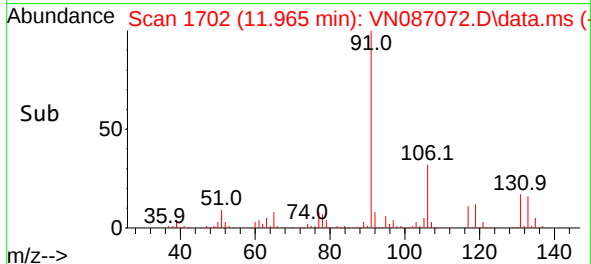
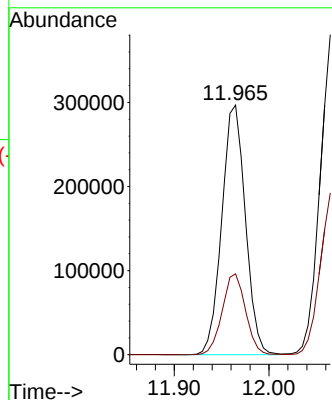
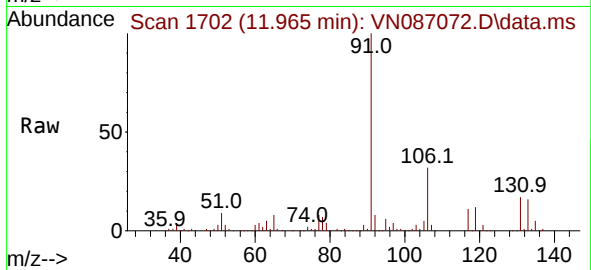




#67
Ethyl Benzene
Concen: 50.862 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

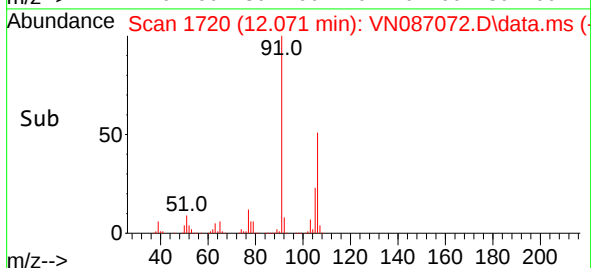
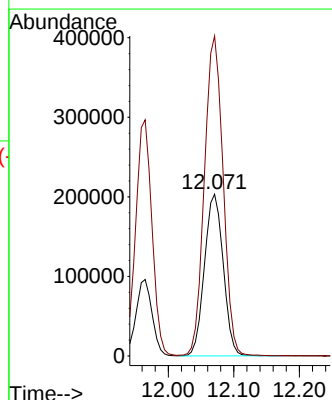
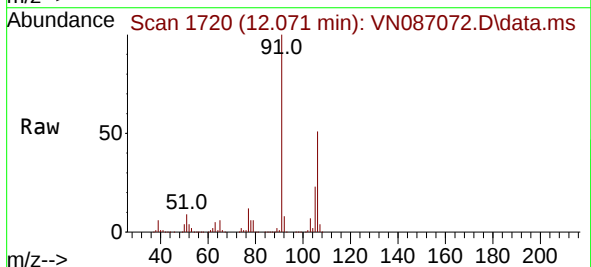
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

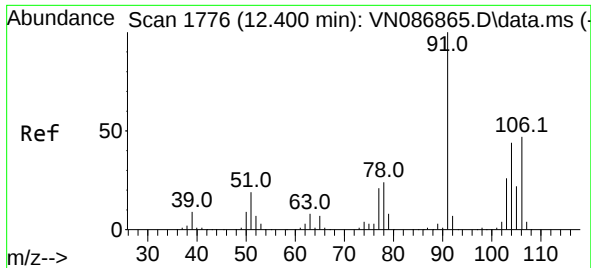
Tgt Ion: 91 Resp: 513967
Ion Ratio Lower Upper
91 100
106 32.4 25.4 38.2



#68
m/p-Xylenes
Concen: 104.697 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

Tgt Ion:106 Resp: 404997
Ion Ratio Lower Upper
106 100
91 197.2 159.4 239.0

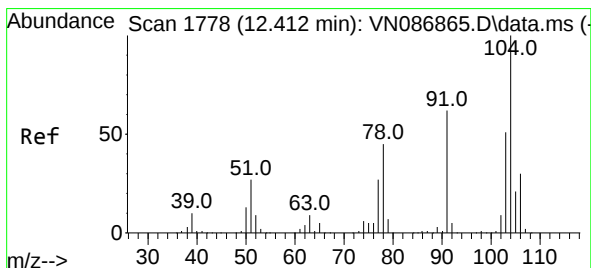
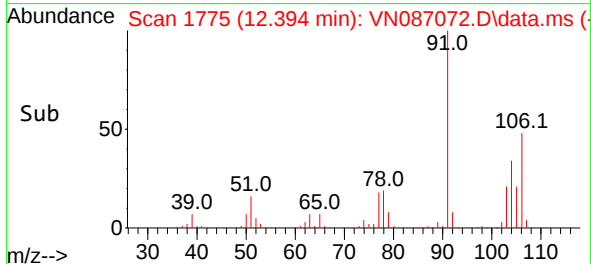
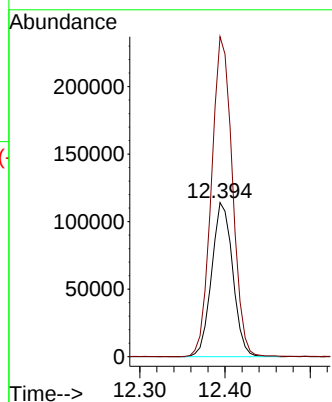
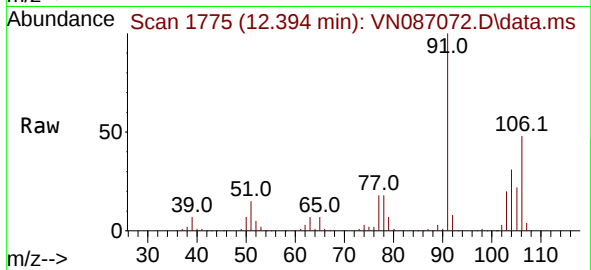




#69
o-Xylene
Concen: 52.832 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

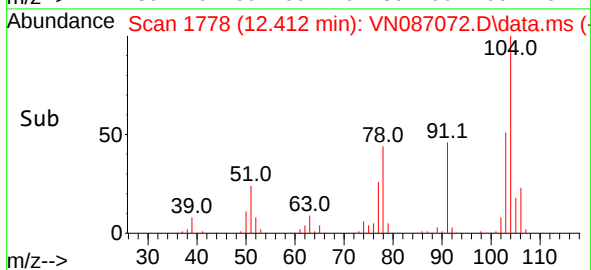
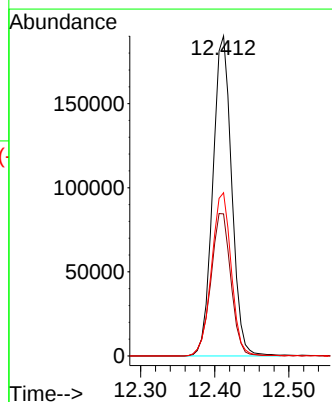
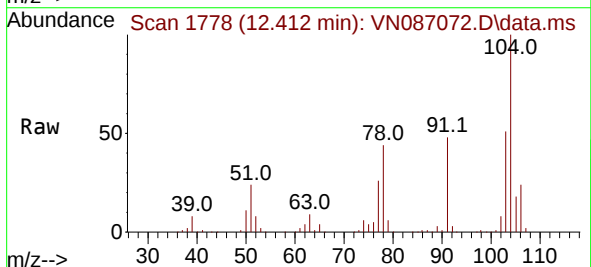
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 195732
Ion Ratio Lower Upper
106 100
91 207.1 106.1 318.1



#70
Styrene
Concen: 53.066 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

Tgt Ion:104 Resp: 336415
Ion Ratio Lower Upper
104 100
78 47.3 38.5 57.7
103 53.3 43.1 64.7





#71

Bromoform

Concen: 55.239 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN087072.D

Acq: 17 Jun 2025 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

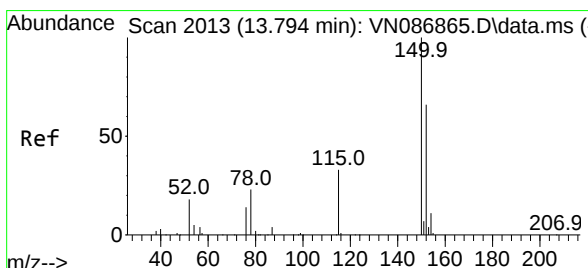
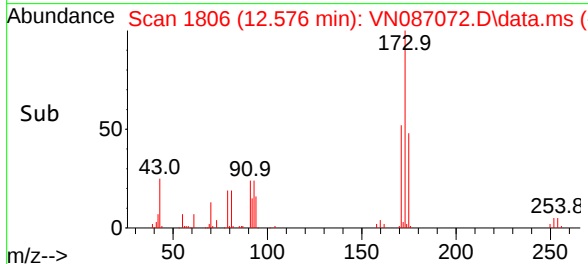
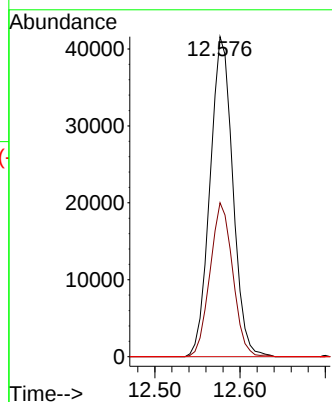
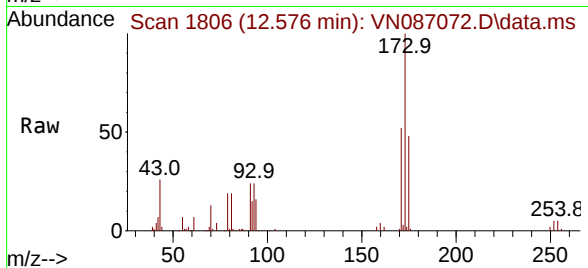
Tgt Ion:173 Resp: 77185

Ion Ratio Lower Upper

173 100

175 48.1 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.006 min

Lab File: VN087072.D

Acq: 17 Jun 2025 19:43

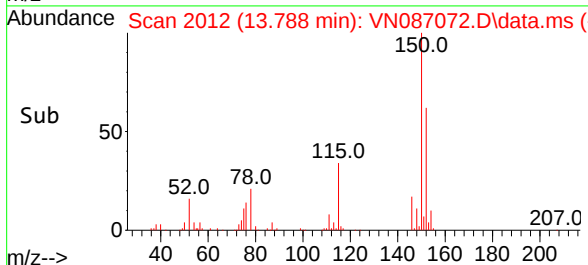
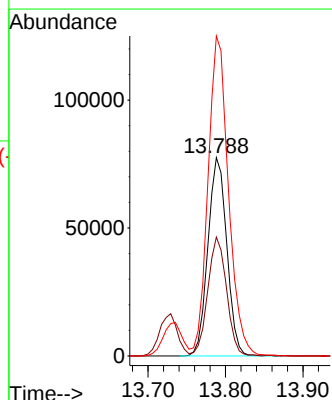
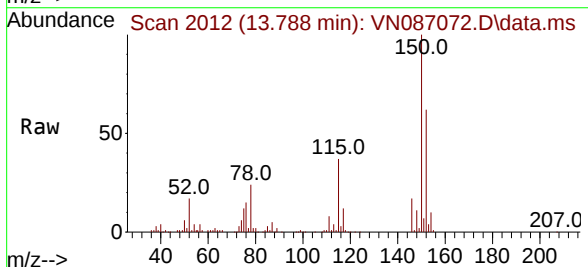
Tgt Ion:152 Resp: 131413

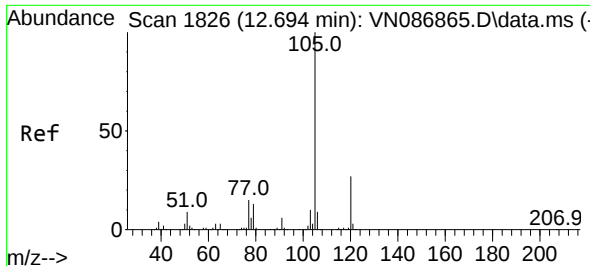
Ion Ratio Lower Upper

152 100

115 59.4 30.1 90.5

150 174.6 0.0 345.0

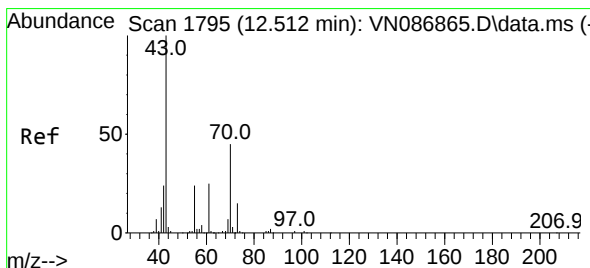
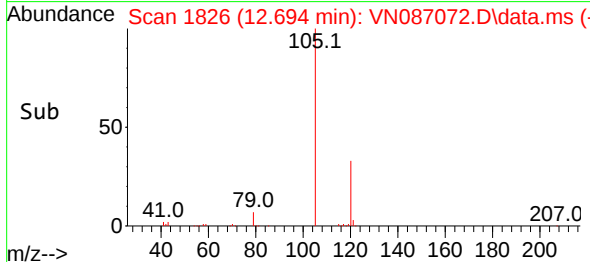
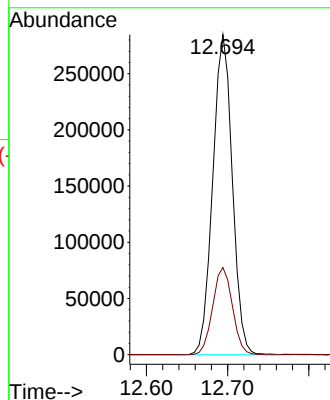
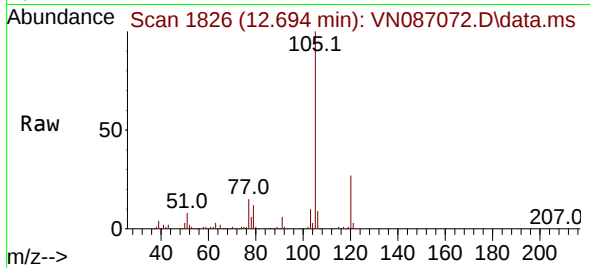




#73
Isopropylbenzene
Concen: 49.691 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

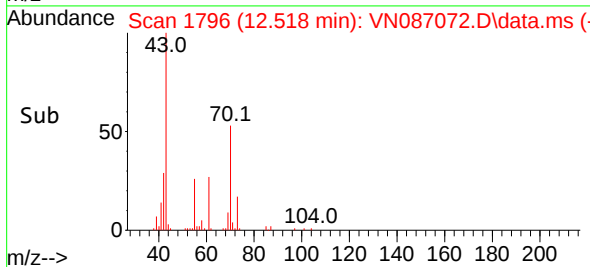
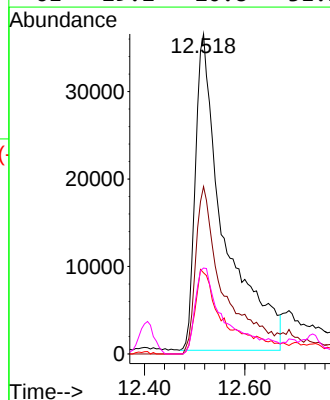
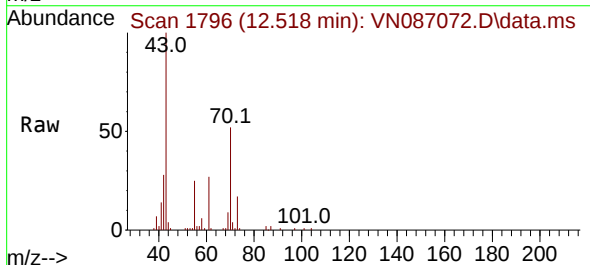
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

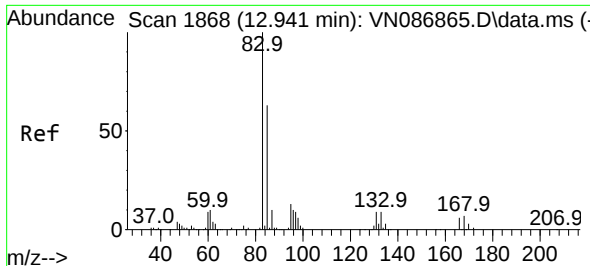
Tgt Ion:105 Resp: 475717
Ion Ratio Lower Upper
105 100
120 27.4 13.5 40.4



#74
N-ethyl acetate
Concen: 43.221 ug/l
RT: 12.518 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

Tgt Ion: 43 Resp: 144591
Ion Ratio Lower Upper
43 100
70 51.5 37.6 56.4
55 28.6 19.0 28.6#
61 29.2 20.8 31.2

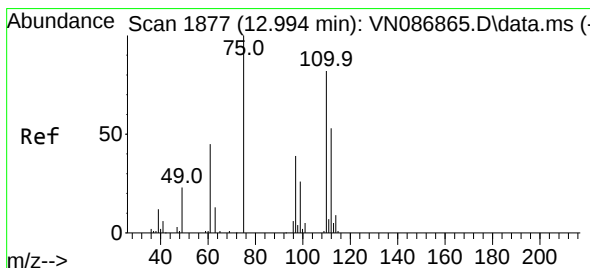
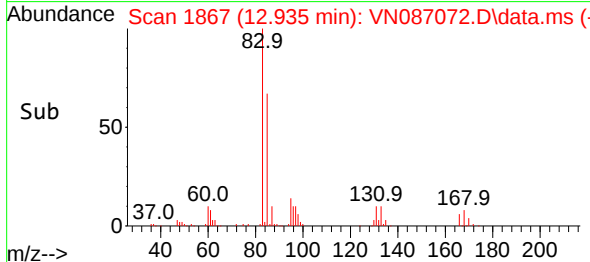
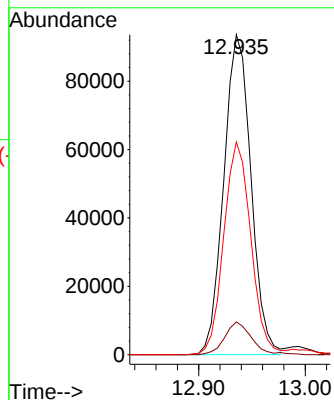
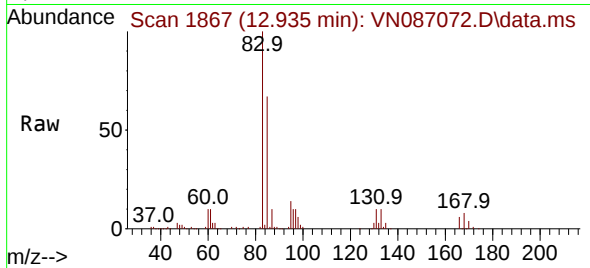




#75
1,1,2,2-Tetrachloroethane
Concen: 51.233 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

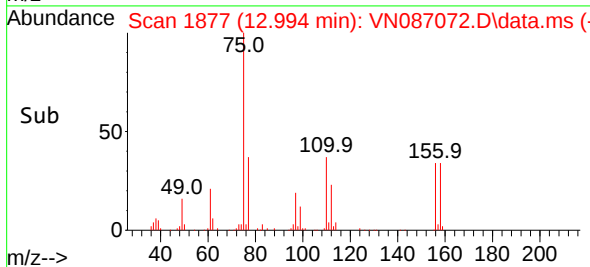
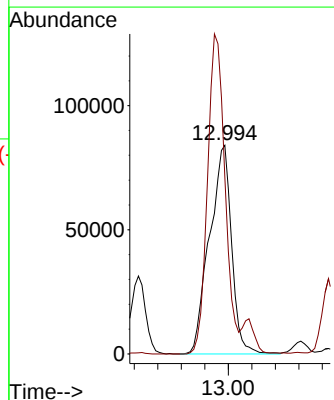
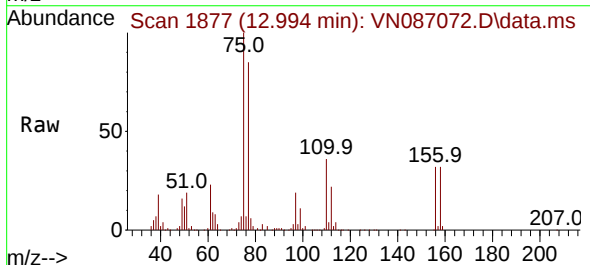
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

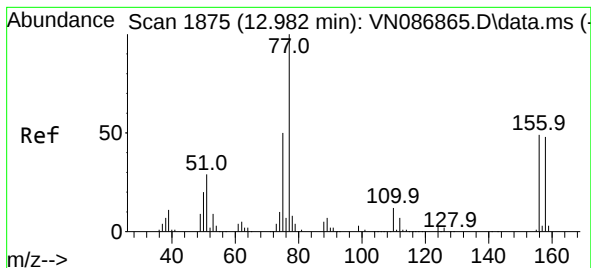
Tgt Ion: 83 Resp: 166164
Ion Ratio Lower Upper
83 100
131 10.1 4.9 14.7
85 66.2 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 70.170 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

Tgt Ion: 75 Resp: 219191
Ion Ratio Lower Upper
75 100
77 121.3 79.3 237.9





#77

Bromobenzene

Concen: 53.296 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN087072.D

Acq: 17 Jun 2025 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

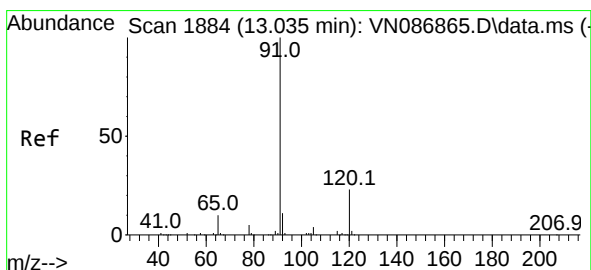
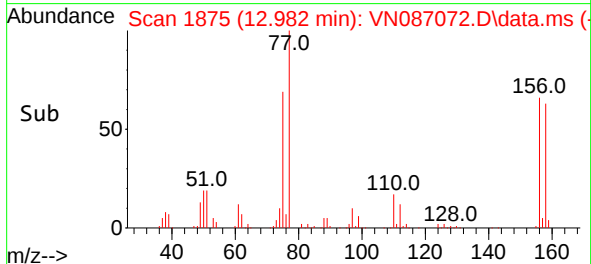
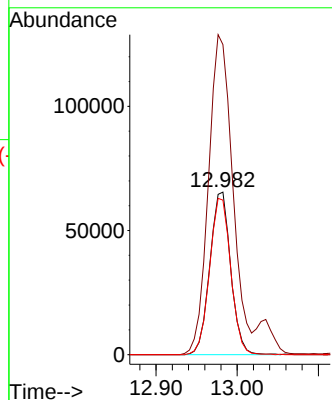
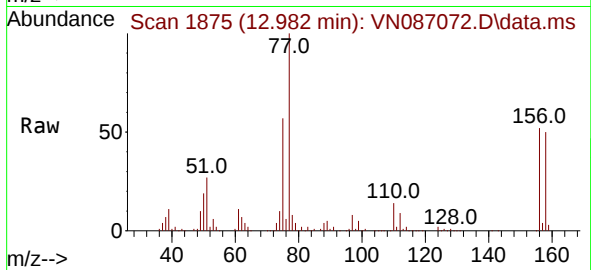
Tgt Ion:156 Resp: 117013

Ion Ratio Lower Upper

156 100

77 227.2 117.7 353.1

158 97.5 48.1 144.4



#78

n-propylbenzene

Concen: 47.881 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN087072.D

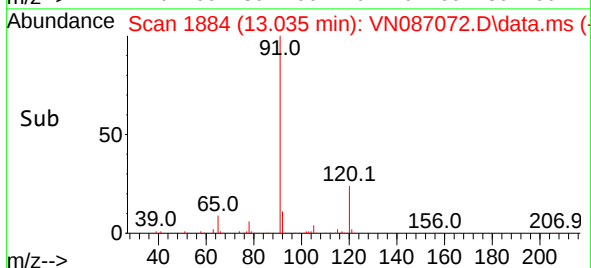
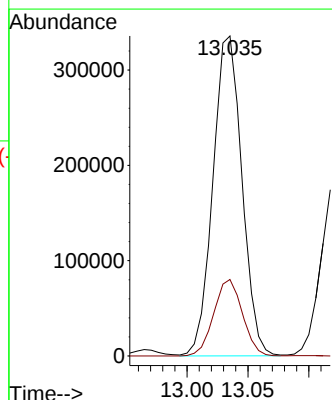
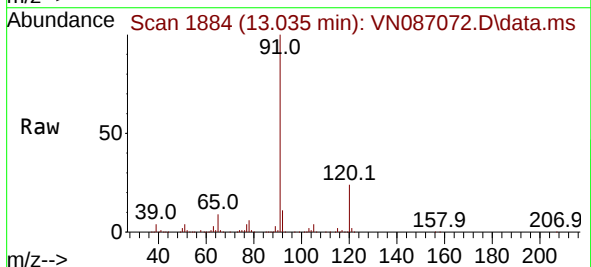
Acq: 17 Jun 2025 19:43

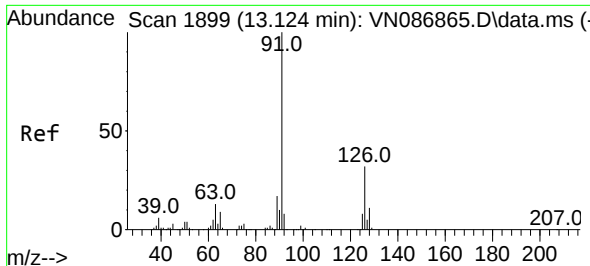
Tgt Ion: 91 Resp: 557066

Ion Ratio Lower Upper

91 100

120 23.6 11.4 34.2

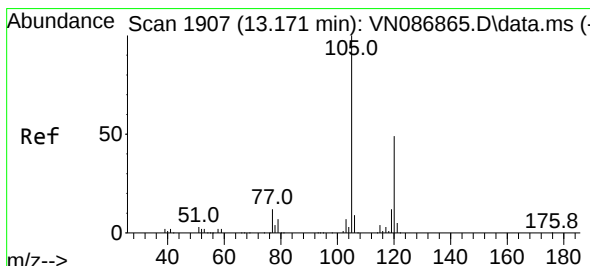
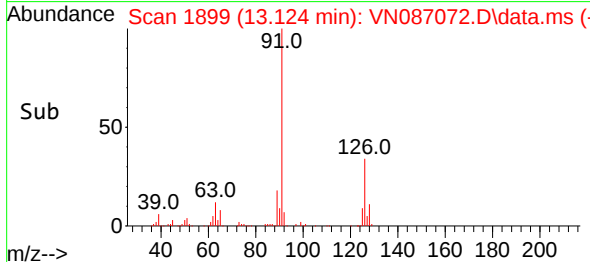
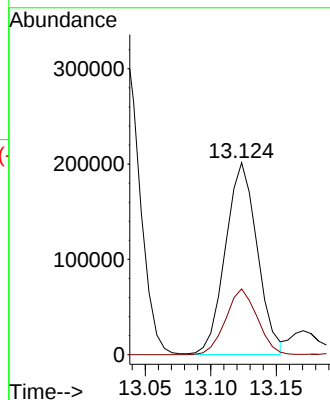
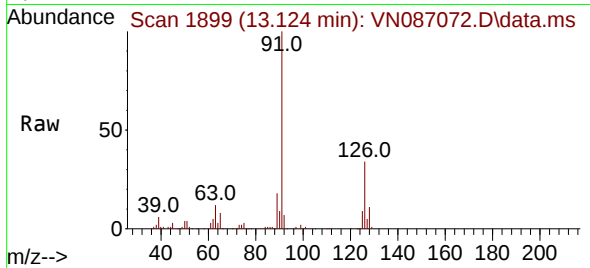




#79
2-Chlorotoluene
Concen: 48.823 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

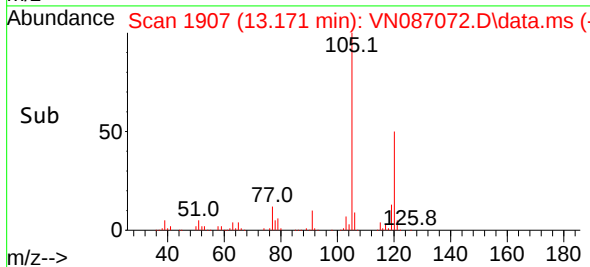
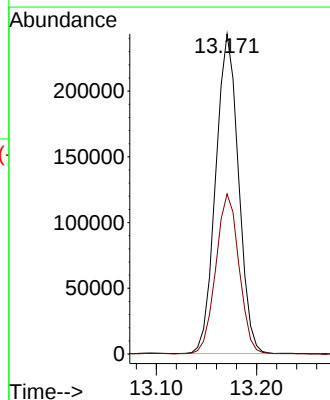
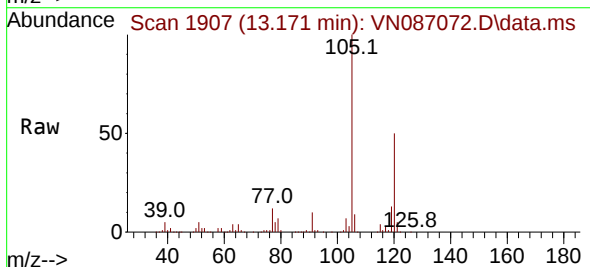
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 340654
Ion Ratio Lower Upper
91 100
126 33.9 16.2 48.5



#80
1,3,5-Trimethylbenzene
Concen: 48.554 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

Tgt Ion:105 Resp: 383774
Ion Ratio Lower Upper
105 100
120 51.1 24.9 74.6

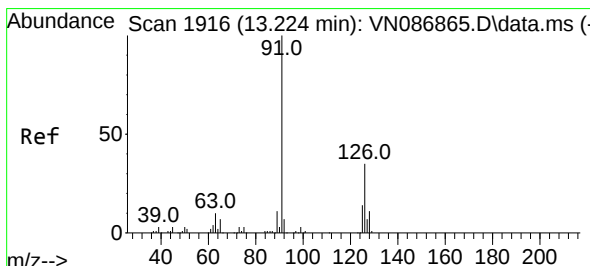
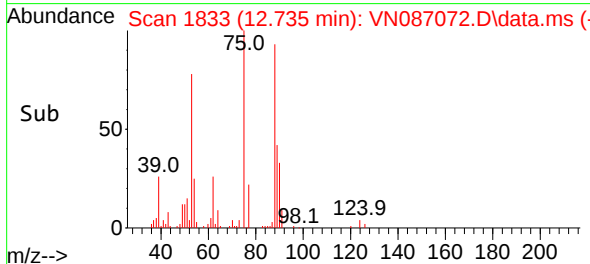
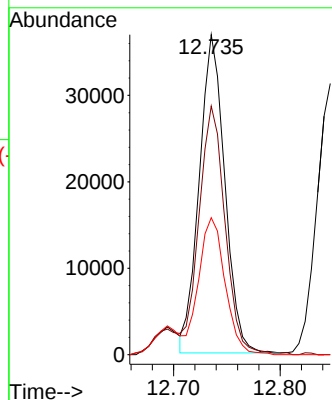
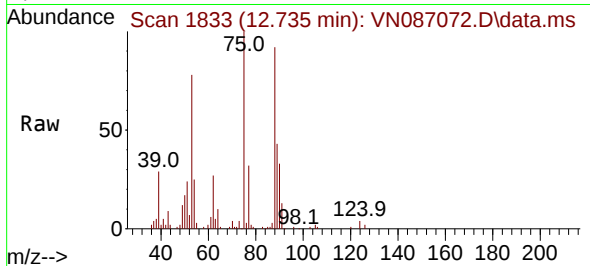




#81
trans-1,4-Dichloro-2-butene
Concen: 45.254 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

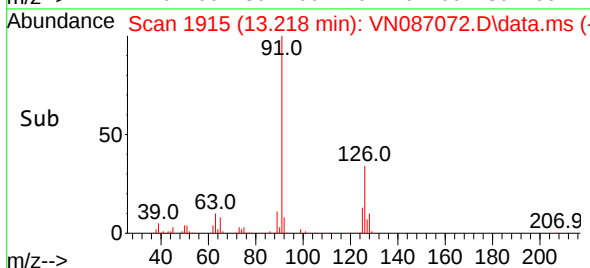
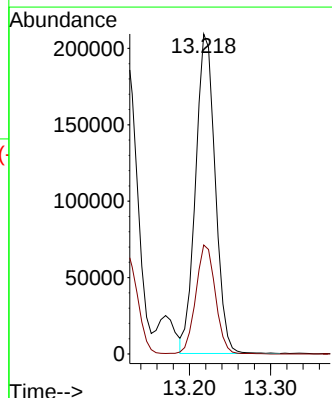
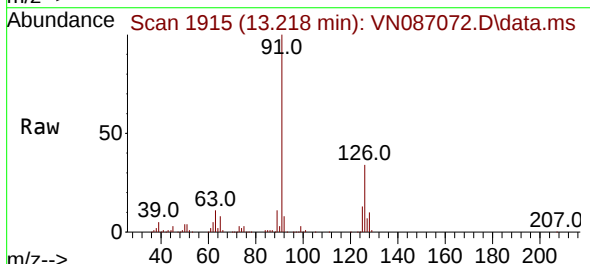
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

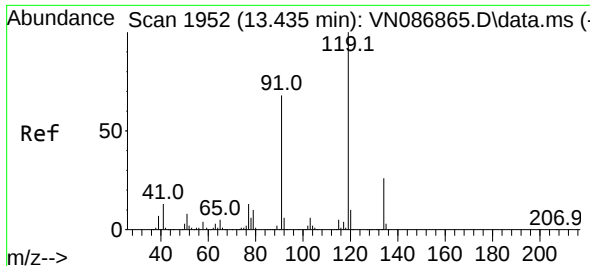
Tgt Ion: 75 Resp: 61410
Ion Ratio Lower Upper
75 100
53 80.2 66.6 99.8
89 45.2 36.7 55.1



#82
4-Chlorotoluene
Concen: 49.722 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

Tgt Ion: 91 Resp: 351028
Ion Ratio Lower Upper
91 100
126 34.3 16.7 50.1

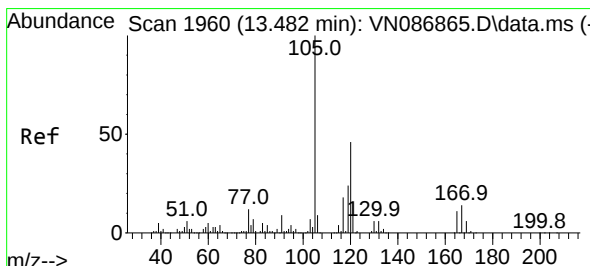
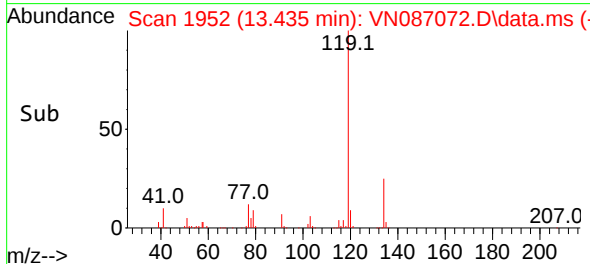
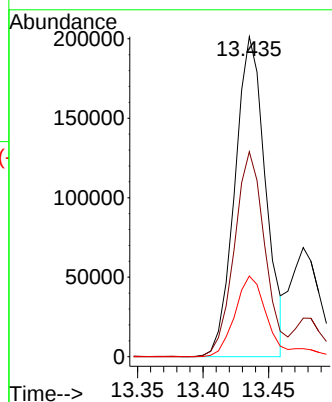
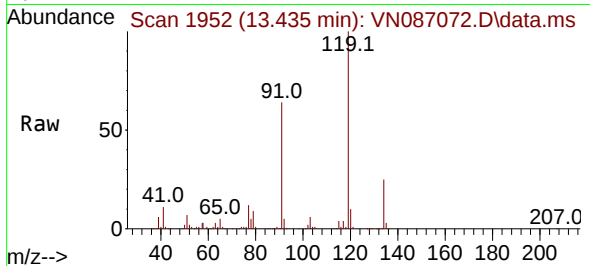




#83
 tert-Butylbenzene
 Concen: 45.308 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN087072.D
 Acq: 17 Jun 2025 19:43

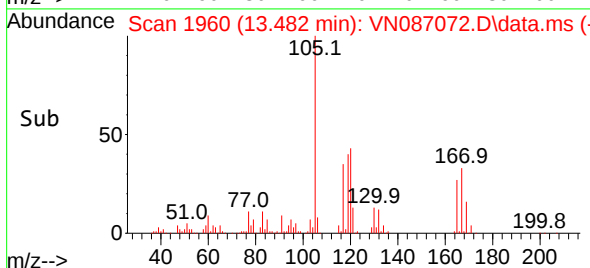
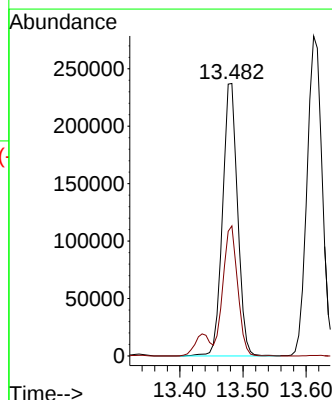
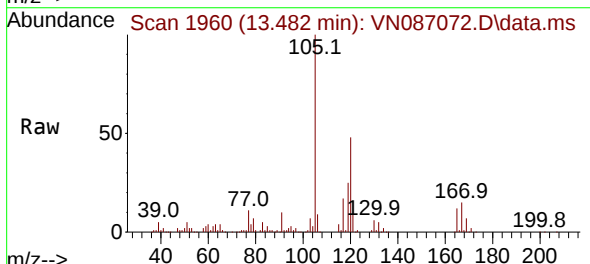
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

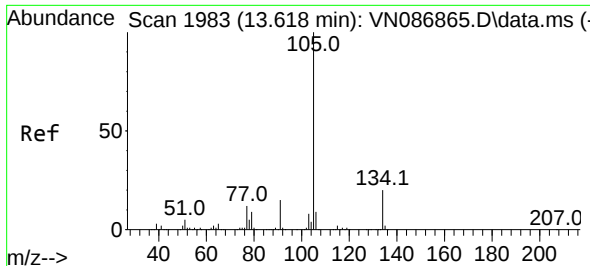
Tgt Ion:119 Resp: 327812
 Ion Ratio Lower Upper
 119 100
 91 64.3 32.1 96.5
 134 27.5 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 49.418 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN087072.D
 Acq: 17 Jun 2025 19:43

Tgt Ion:105 Resp: 391683
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.2 69.6

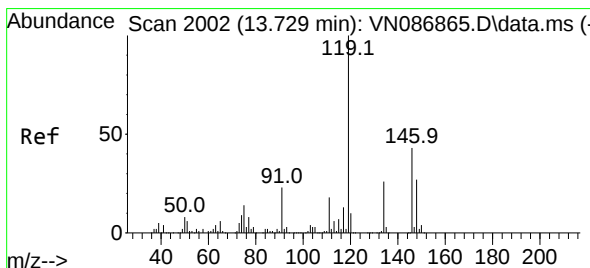
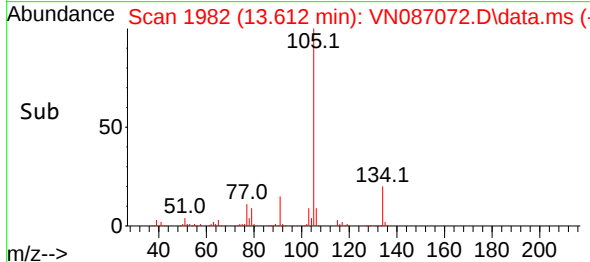
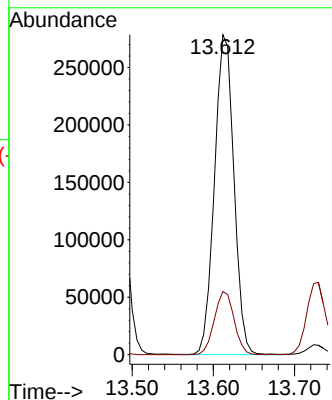
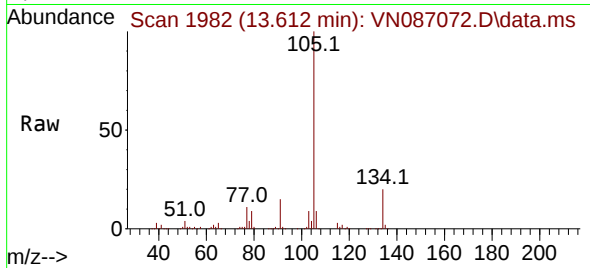




#85
 sec-Butylbenzene
 Concen: 44.163 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN087072.D
 Acq: 17 Jun 2025 19:43

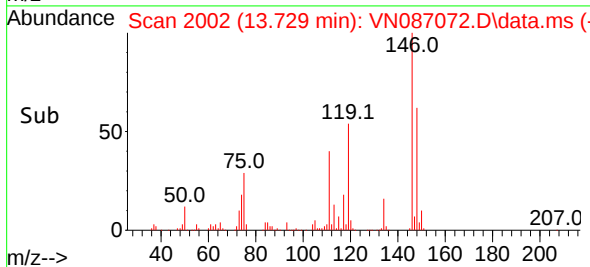
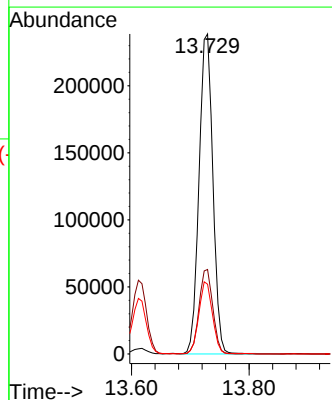
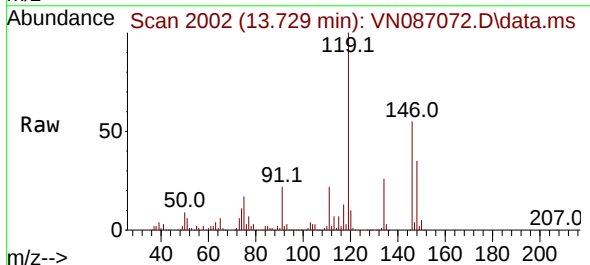
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

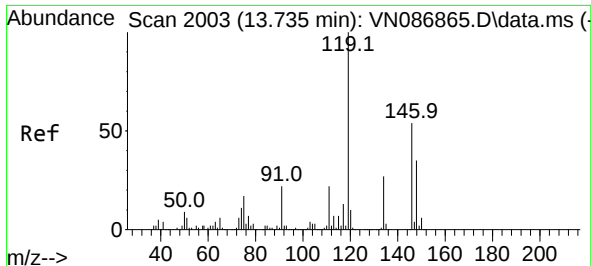
Tgt Ion:105 Resp: 464024
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 44.952 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN087072.D
 Acq: 17 Jun 2025 19:43

Tgt Ion:119 Resp: 390433
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.5 40.4
 91 21.9 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 51.207 ug/l

RT: 13.729 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN087072.D

Acq: 17 Jun 2025 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

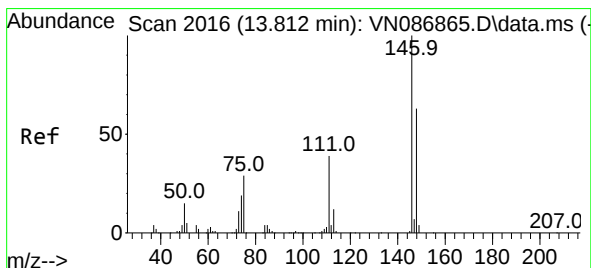
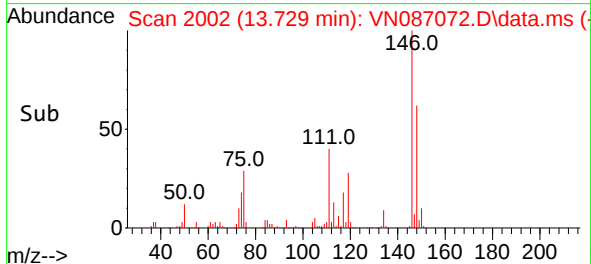
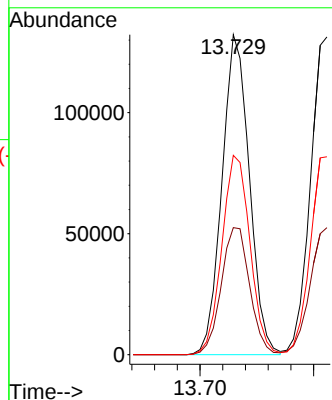
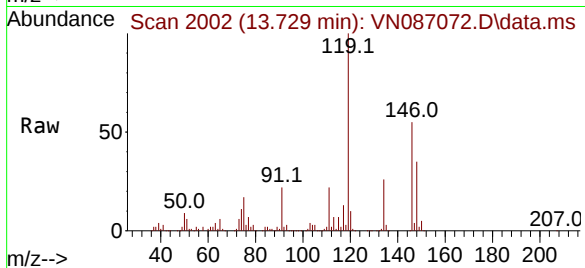
Tgt Ion:146 Resp: 221199

Ion Ratio Lower Upper

146 100

111 41.4 20.9 62.8

148 64.1 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 51.077 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN087072.D

Acq: 17 Jun 2025 19:43

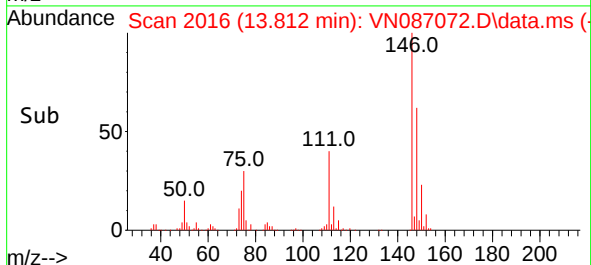
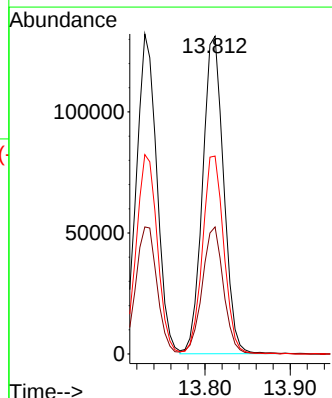
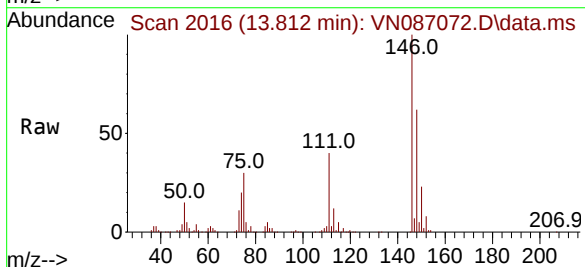
Tgt Ion:146 Resp: 224947

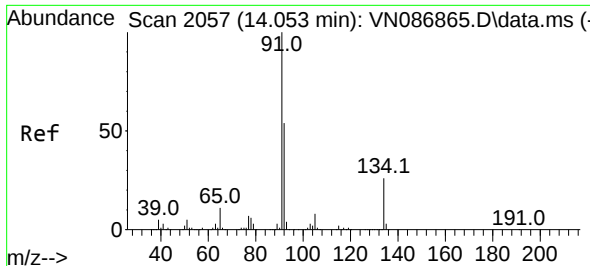
Ion Ratio Lower Upper

146 100

111 39.8 19.9 59.7

148 63.3 31.8 95.4

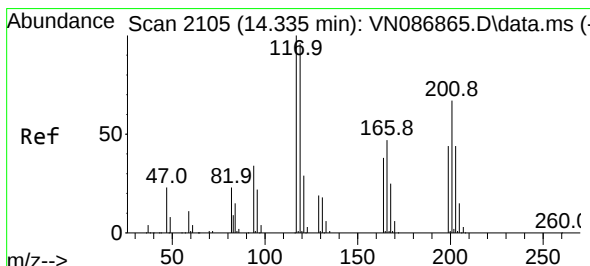
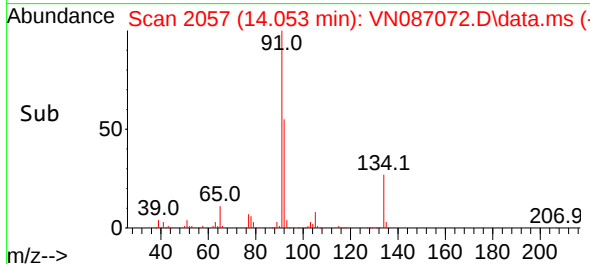
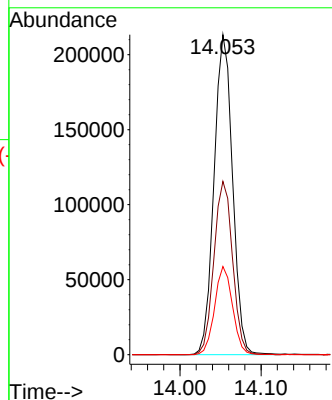
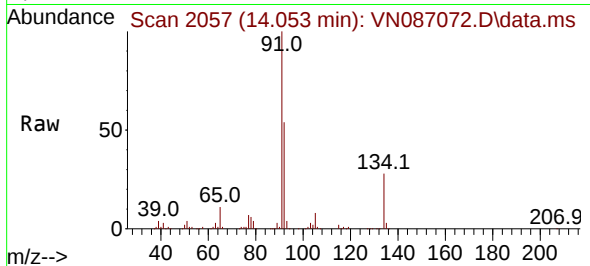




#89
n-Butylbenzene
Concen: 40.215 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

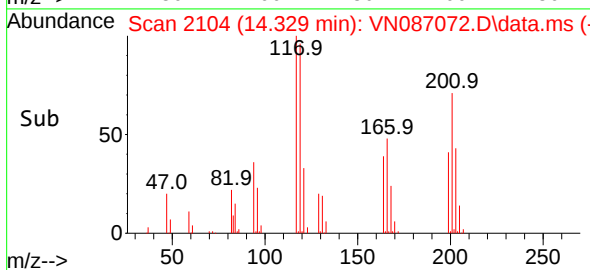
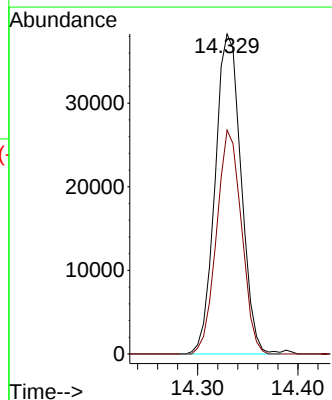
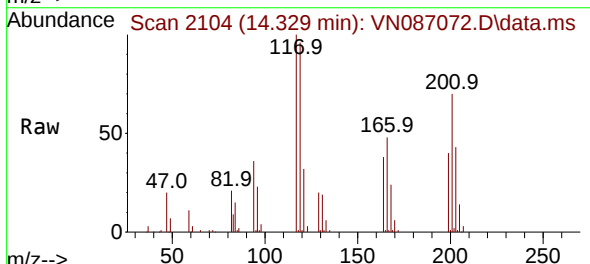
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 338323
Ion Ratio Lower Upper
91 100
92 54.6 27.5 82.4
134 26.6 13.0 39.0



#90
Hexachloroethane
Concen: 46.741 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

Tgt Ion: 117 Resp: 68814
Ion Ratio Lower Upper
117 100
201 67.2 33.2 99.6

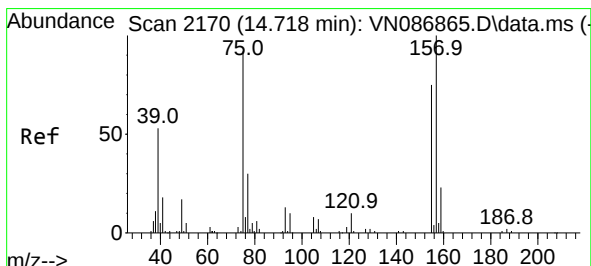
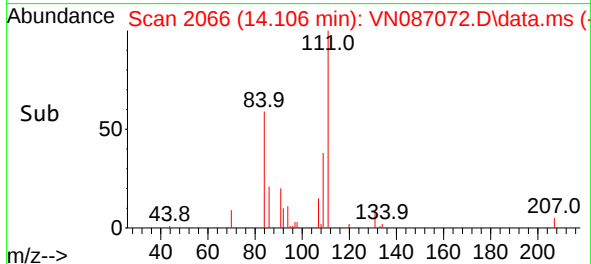
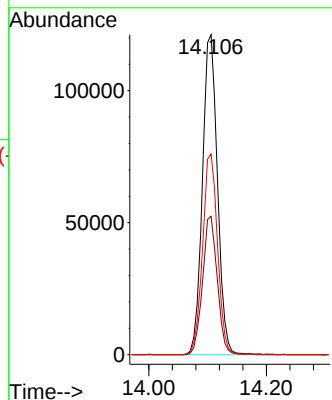
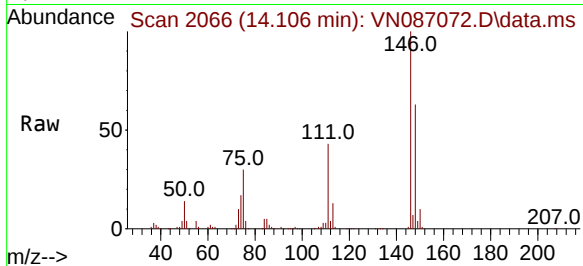




#91
1,2-Dichlorobenzene
Concen: 51.826 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

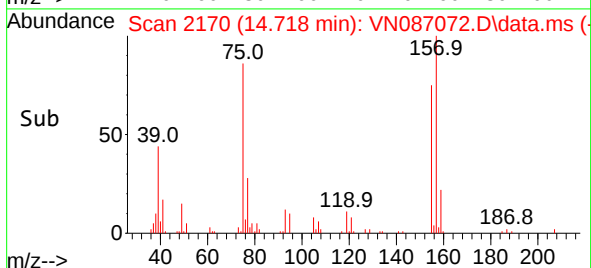
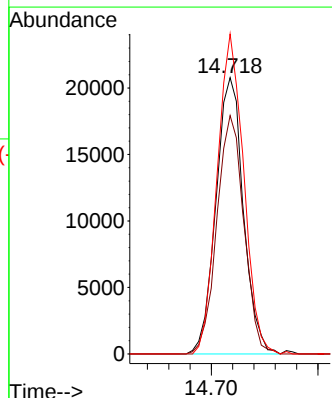
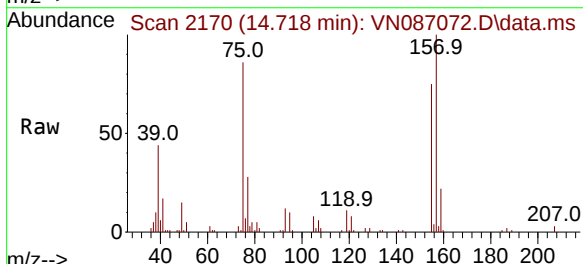
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

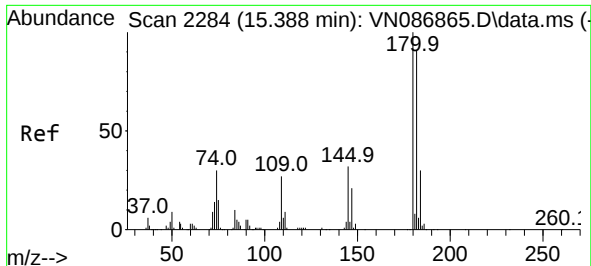
Tgt Ion:146 Resp: 215082
Ion Ratio Lower Upper
146 100
111 42.3 21.6 64.6
148 62.5 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.831 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

Tgt Ion: 75 Resp: 37100
Ion Ratio Lower Upper
75 100
155 84.9 41.1 123.4
157 112.0 52.7 158.1

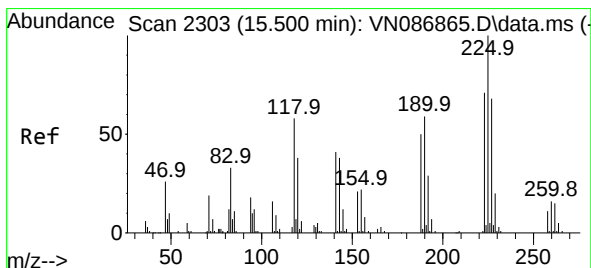
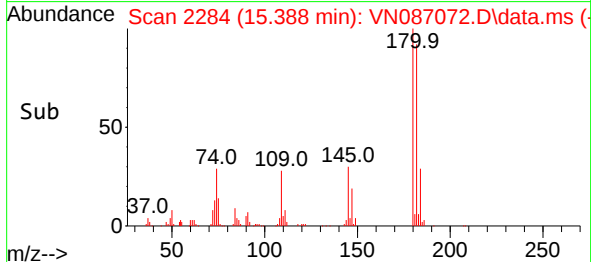
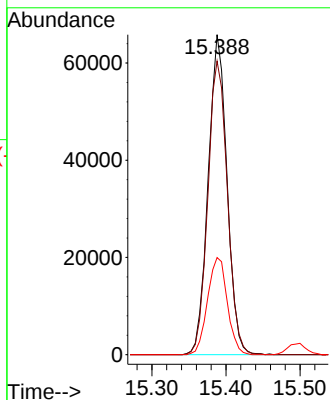
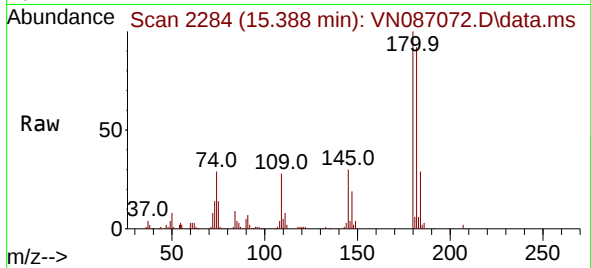




#93
1,2,4-Trichlorobenzene
Concen: 43.863 ug/l
RT: 15.388 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

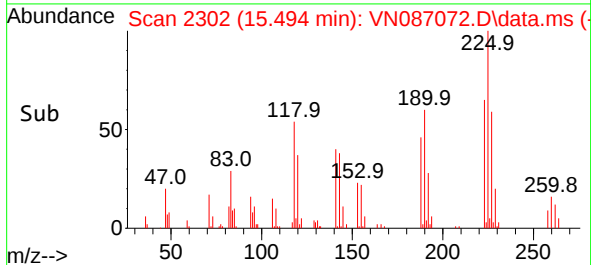
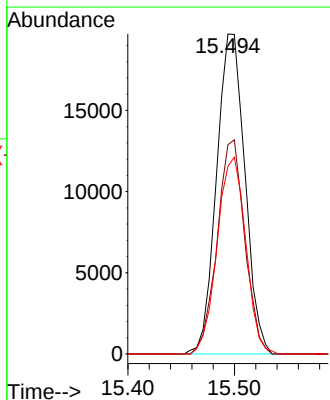
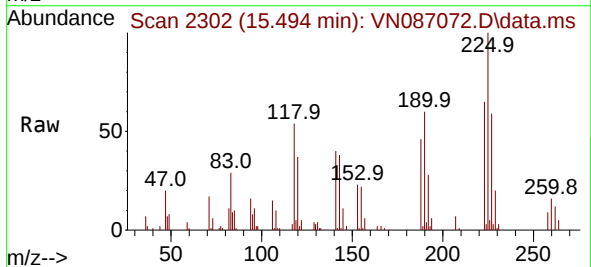
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

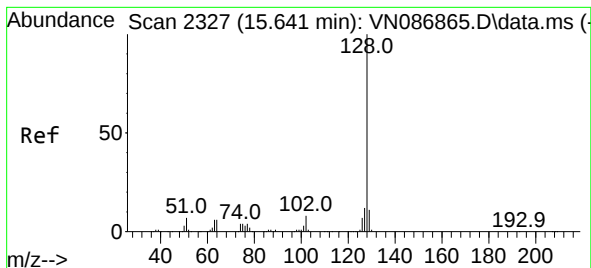
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	46.9	140.7
145	31.8	16.0	47.9



#94
Hexachlorobutadiene
Concen: 36.928 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN087072.D
Acq: 17 Jun 2025 19:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	33.5	100.4
227	61.8	31.1	93.5





#95

Naphthalene

Concen: 48.124 ug/l

RT: 15.635 min Scan# 2327

Delta R.T. -0.006 min

Lab File: VN087072.D

Acq: 17 Jun 2025 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

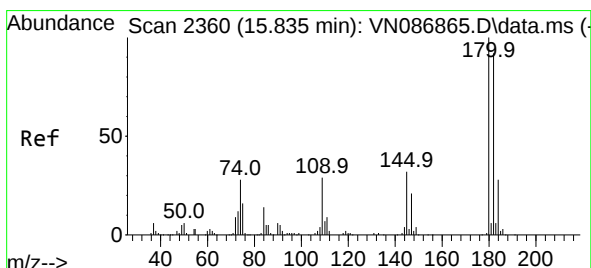
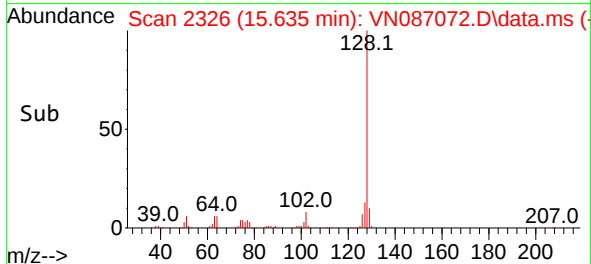
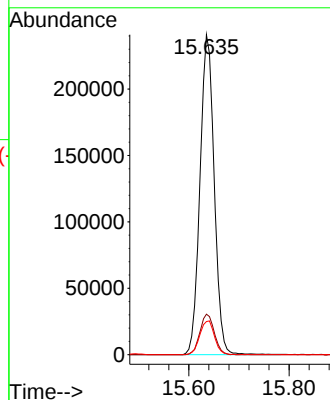
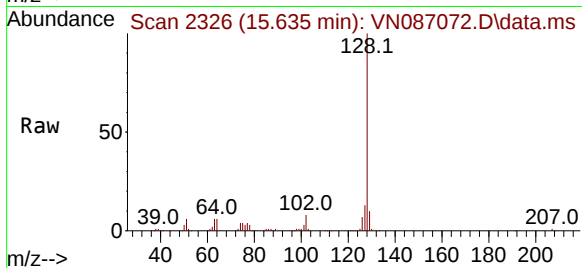
Tgt Ion:128 Resp: 474700

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 10.9 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 42.984 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN087072.D

Acq: 17 Jun 2025 19:43

Tgt Ion:180 Resp: 113176

Ion Ratio Lower Upper

180 100

182 93.8 47.0 141.0

145 34.1 16.6 49.8

