

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062725\
 Data File : VN087207.D
 Acq On : 27 Jun 2025 09:38
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 27 23:38:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:55:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	196333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	346797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	266770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	145043	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	129470	45.823	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.640%
35) Dibromofluoromethane	8.171	113	104042	46.404	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.800%
50) Toluene-d8	10.565	98	417885	45.065	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.120%
62) 4-Bromofluorobenzene	12.847	95	143604	44.630	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.260%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.154	85	116658	47.417	ug/l	97
3) Chloromethane	2.395	50	121201	50.452	ug/l	94
4) Vinyl Chloride	2.554	62	113643	43.779	ug/l	99
5) Bromomethane	2.995	94	62379	44.777	ug/l	99
6) Chloroethane	3.154	64	61494	45.335	ug/l	99
7) Trichlorofluoromethane	3.536	101	167674	54.244	ug/l	98
8) Diethyl Ether	3.983	74	71317	51.867	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.406	101	99301	45.082	ug/l	99
10) Methyl Iodide	4.618	142	99810	51.864	ug/l	97
11) Tert butyl alcohol	5.536	59	131663	211.494	ug/l	100
12) 1,1-Dichloroethene	4.371	96	102065	44.316	ug/l	95
13) Acrolein	4.201	56	138954	270.714	ug/l	100
14) Allyl chloride	5.048	41	173683	46.917	ug/l	98
15) Acrylonitrile	5.730	53	384952	236.110	ug/l	100
16) Acetone	4.436	43	373760	285.252	ug/l	97
17) Carbon Disulfide	4.736	76	331888	50.801	ug/l	99
18) Methyl Acetate	5.048	43	150069	43.903	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	383305	48.319	ug/l	98
20) Methylene Chloride	5.295	84	120711	48.959	ug/l #	91
21) trans-1,2-Dichloroethene	5.806	96	117261	45.907	ug/l	99
22) Diisopropyl ether	6.683	45	361767	44.109	ug/l	98
23) Vinyl Acetate	6.612	43	1659880	226.317	ug/l	99
24) 1,1-Dichloroethane	6.583	63	215952	44.581	ug/l	99
25) 2-Butanone	7.489	43	514135	240.013	ug/l	99
26) 2,2-Dichloropropane	7.494	77	193812	50.334	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	138030	46.476	ug/l	97
28) Bromochloromethane	7.818	49	86040	40.404	ug/l	97
29) Tetrahydrofuran	7.841	42	287188	204.483	ug/l	99
30) Chloroform	7.971	83	203922	44.630	ug/l	100
31) Cyclohexane	8.265	56	215254	49.210	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	183768	46.813	ug/l	98
36) 1,1-Dichloropropene	8.377	75	161861	49.287	ug/l	99
37) Ethyl Acetate	7.565	43	196374	46.251	ug/l	99
38) Carbon Tetrachloride	8.365	117	153424	47.969	ug/l	99
39) Methylcyclohexane	9.600	83	196302	48.992	ug/l	99
40) Benzene	8.612	78	494684	48.751	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	87935	40.913	ug/l	99
42) 1,2-Dichloroethane	8.677	62	157792	47.834	ug/l	99
43) Isopropyl Acetate	8.688	43	303852	50.327	ug/l	98
44) Trichloroethene	9.353	130	112317	46.230	ug/l	97
45) 1,2-Dichloropropane	9.624	63	124657	47.661	ug/l	99
46) Dibromomethane	9.712	93	79942	45.102	ug/l	99
47) Bromodichloromethane	9.888	83	169445	47.599	ug/l	99
48) Methyl methacrylate	9.683	41	130994	44.876	ug/l	94
49) 1,4-Dioxane	9.700	88	37532	762.909	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	972855	227.287	ug/l	100
52) Toluene	10.630	92	309441	47.702	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	192927	48.605	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	167609	39.686	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	109786	44.749	ug/l	98
56) Ethyl methacrylate	10.877	69	193089	46.613	ug/l	98
57) 1,3-Dichloropropane	11.165	76	192076	44.313	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	506119	226.389	ug/l	98
59) 2-Hexanone	11.200	43	579172	215.628	ug/l	99
60) Dibromochloromethane	11.359	129	112706	42.241	ug/l	99
61) 1,2-Dibromoethane	11.465	107	107071	41.287	ug/l	100
64) Tetrachloroethene	11.100	164	88713	54.333	ug/l	97
65) Chlorobenzene	11.888	112	286618	48.439	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	93305	49.367	ug/l	100
67) Ethyl Benzene	11.959	91	510538	51.734	ug/l	97
68) m/p-Xylenes	12.071	106	418462	110.822	ug/l	97
69) o-Xylene	12.394	106	191799	55.876	ug/l	98
70) Styrene	12.406	104	320979	54.480	ug/l	100
71) Bromoform	12.576	173	73630	52.493	ug/l #	99
73) Isopropylbenzene	12.694	105	479587	48.844	ug/l	100
74) N-amyl acetate	12.512	43	158850	43.479	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.935	83	180170	50.947	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	228956	70.751	ug/l	63
77) Bromobenzene	12.976	156	119698	50.161	ug/l	96
78) n-propylbenzene	13.035	91	650266	53.770	ug/l	100
79) 2-Chlorotoluene	13.123	91	401018	53.267	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	456859	56.362	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	71679	49.713	ug/l #	80
82) 4-Chlorotoluene	13.218	91	411054	54.769	ug/l	100
83) tert-Butylbenzene	13.435	119	396989	57.016	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	460868	56.033	ug/l	100
85) sec-Butylbenzene	13.612	105	546098	53.236	ug/l	100
86) p-Isopropyltoluene	13.723	119	434432	51.637	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	229664	47.828	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	239538	48.517	ug/l	100
89) n-Butylbenzene	14.053	91	425725	54.463	ug/l	100
90) Hexachloroethane	14.329	117	84633	51.982	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	226384	50.057	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	41245	51.091	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	122846	48.792	ug/l	100
94) Hexachlorobutadiene	15.494	225	35336	44.490	ug/l	98
95) Naphthalene	15.635	128	460407	48.202	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	111605	44.895	ug/l	99

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MSVOA_N
ClientSampleId :
VSTDCCC050

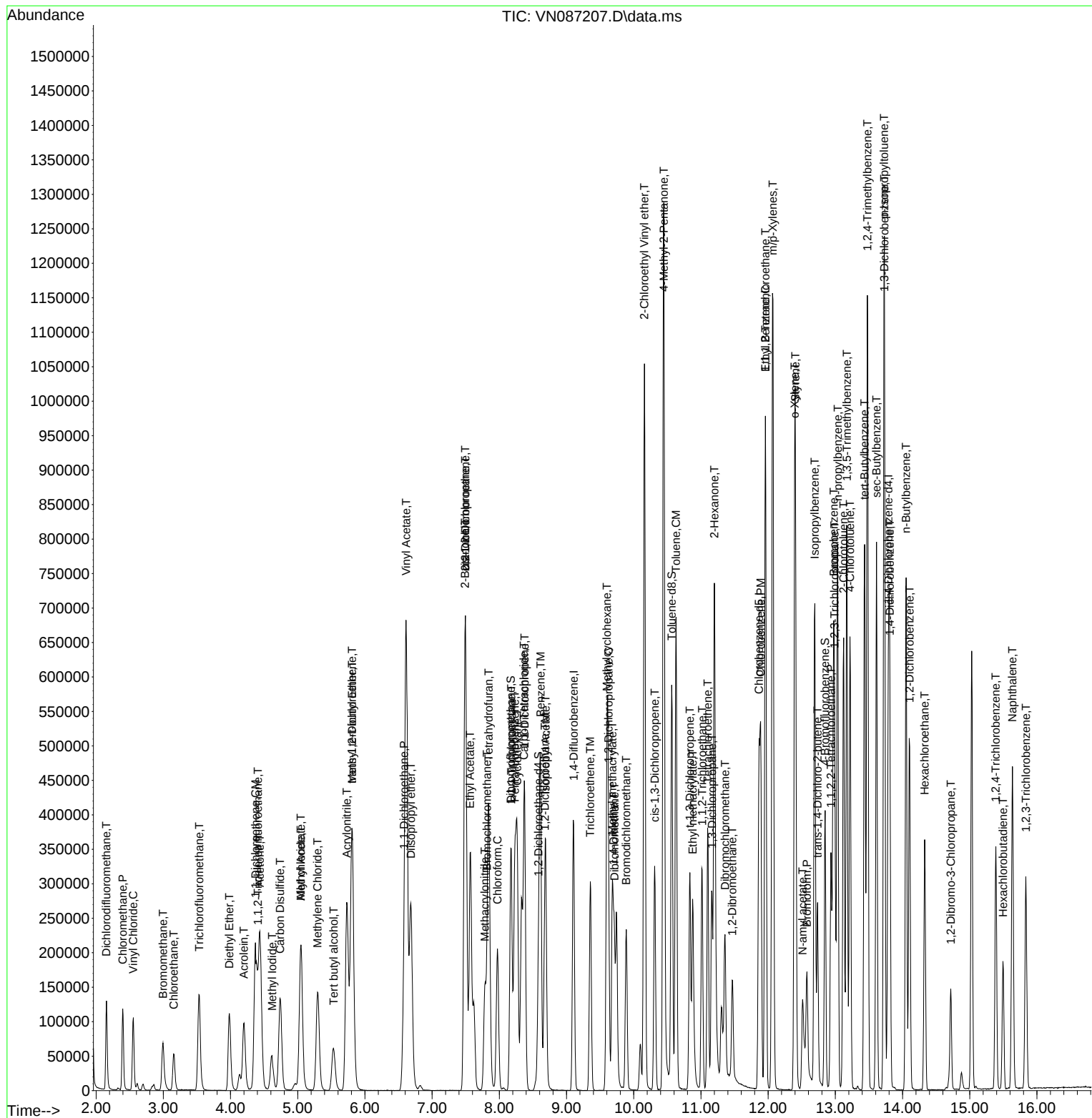
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Quant Title : SW846 8260
QLast Update : Fri Jun 27 05:55:21 2025
Response via : Initial Calibration

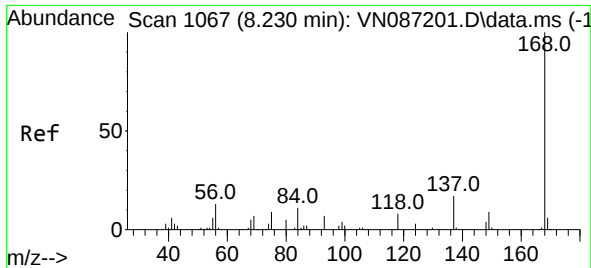
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
ClientSampleId :
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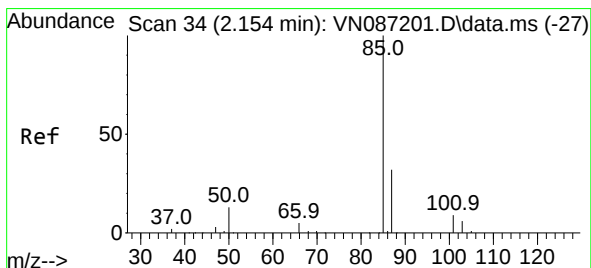
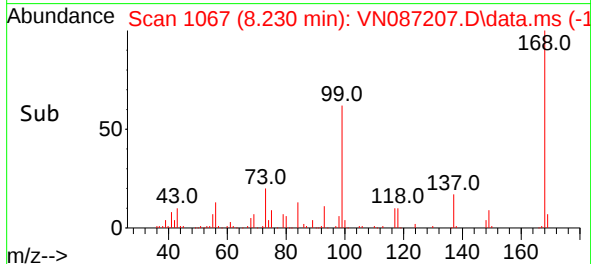
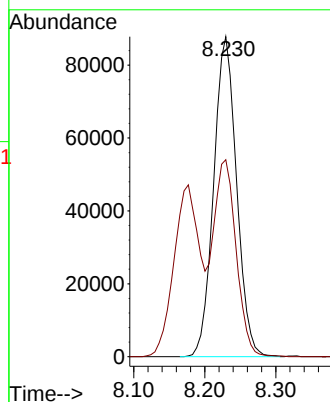
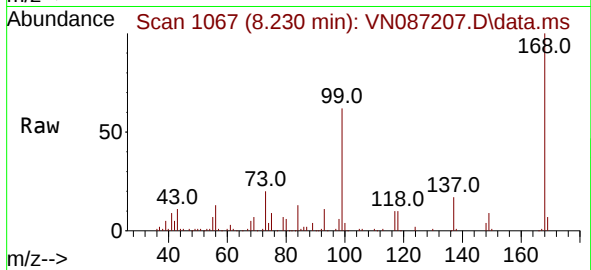




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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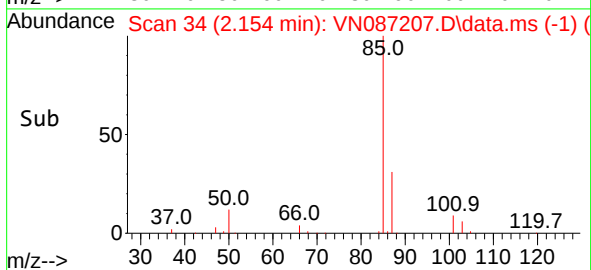
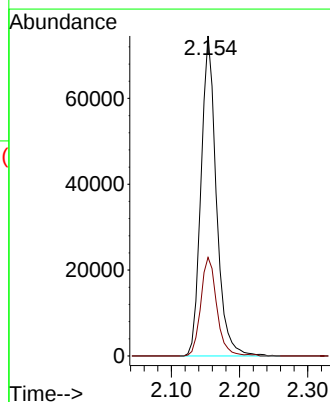
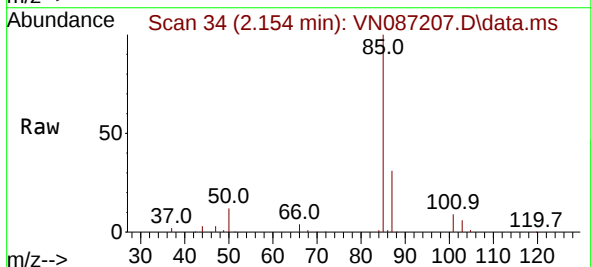
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

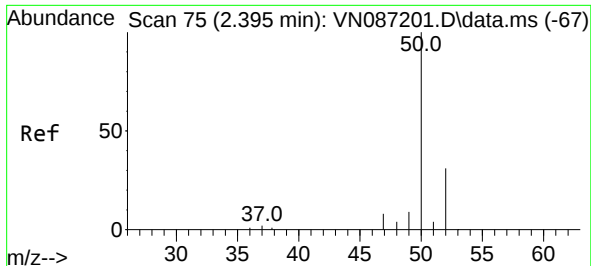
Tgt Ion:168 Resp: 196333
Ion Ratio Lower Upper
168 100
99 61.3 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 47.417 ug/l
RT: 2.154 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

Tgt Ion: 85 Resp: 116658
Ion Ratio Lower Upper
85 100
87 30.8 16.1 48.3

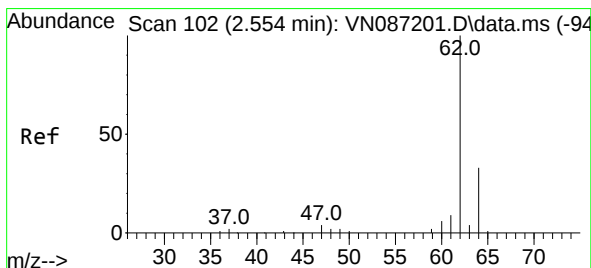
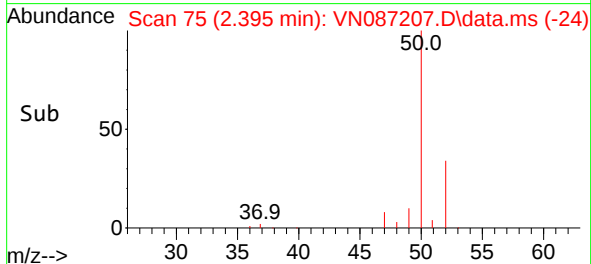
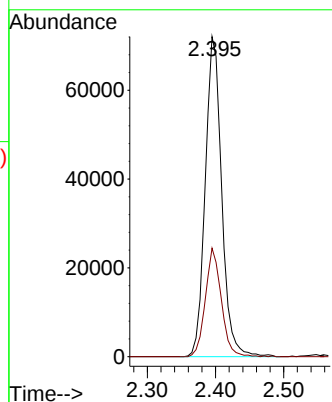
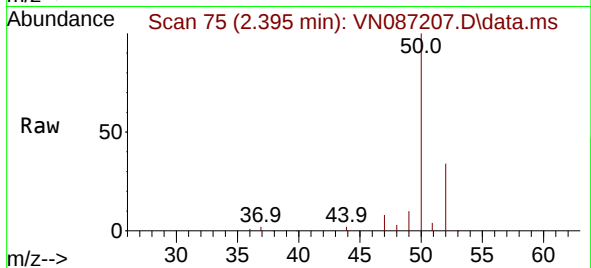




#3
Chloromethane
Concen: 50.452 ug/l
RT: 2.395 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

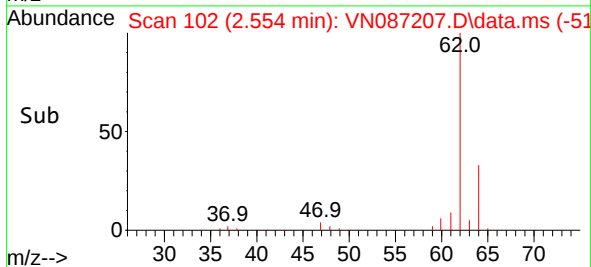
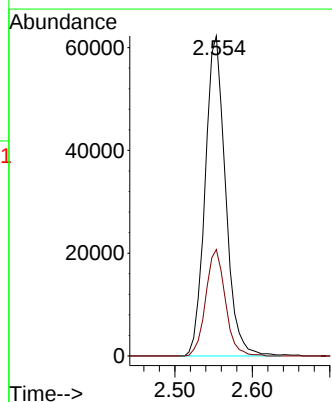
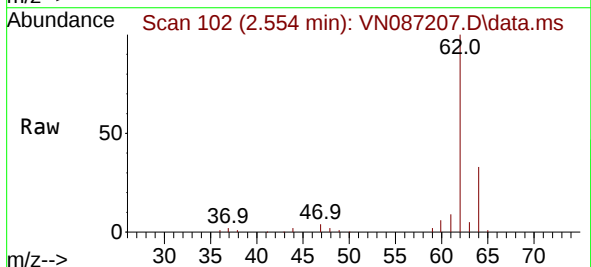
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

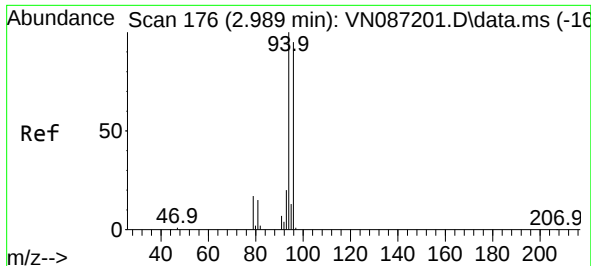
Tgt Ion: 50 Resp: 121201
Ion Ratio Lower Upper
50 100
52 33.9 24.6 36.8



#4
Vinyl Chloride
Concen: 43.779 ug/l
RT: 2.554 min Scan# 102
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

Tgt Ion: 62 Resp: 113643
Ion Ratio Lower Upper
62 100
64 33.3 26.0 39.0

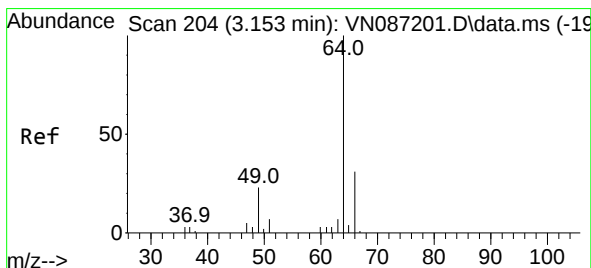
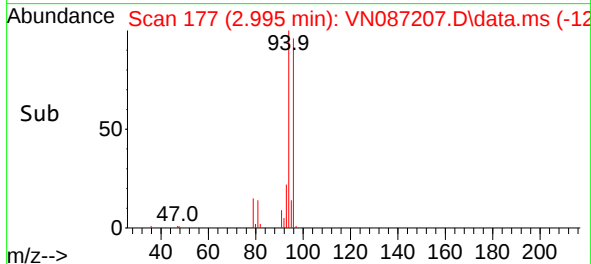
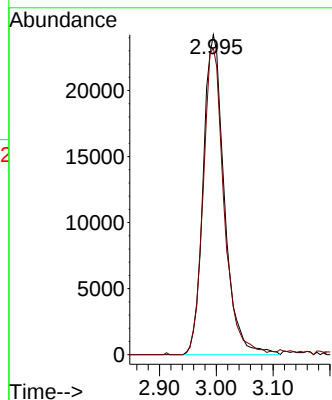
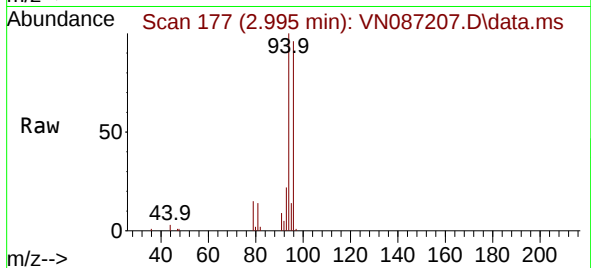




#5
Bromomethane
Concen: 44.777 ug/l
RT: 2.995 min Scan# 176
Delta R.T. 0.006 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

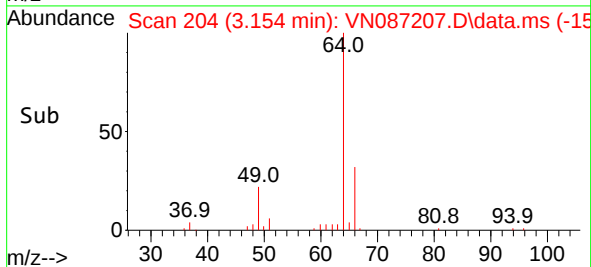
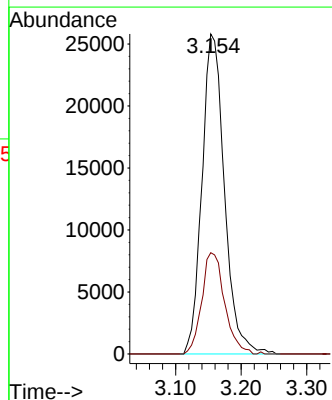
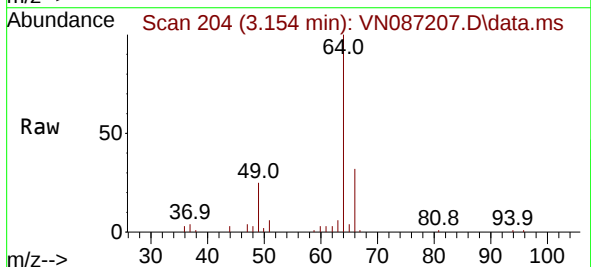
Instrument :
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ClientSampleId :
VSTDCCC050

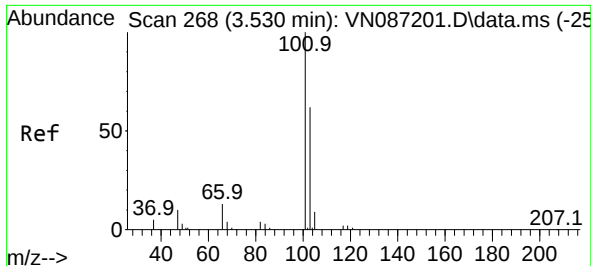
Tgt Ion: 94 Resp: 62379
Ion Ratio Lower Upper
94 100
96 95.8 75.7 113.5



#6
Chloroethane
Concen: 45.335 ug/l
RT: 3.154 min Scan# 204
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

Tgt Ion: 64 Resp: 61494
Ion Ratio Lower Upper
64 100
66 31.6 25.0 37.4

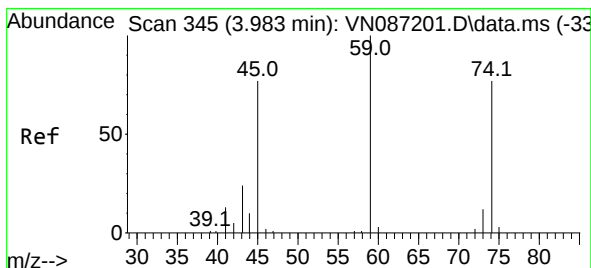
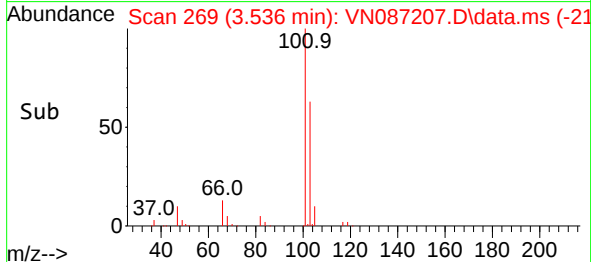
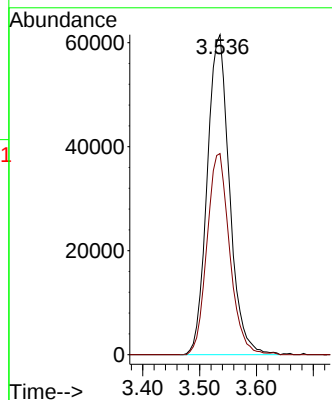
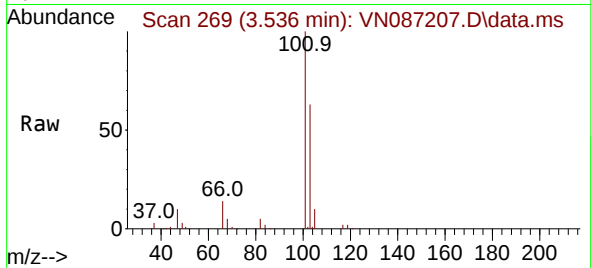




#7
 Trichlorofluoromethane
 Concen: 54.244 ug/l
 RT: 3.536 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN087207.D
 Acq: 27 Jun 2025 09:38

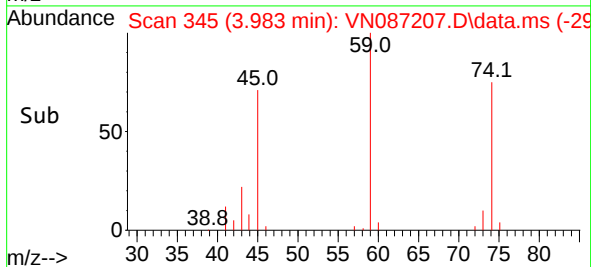
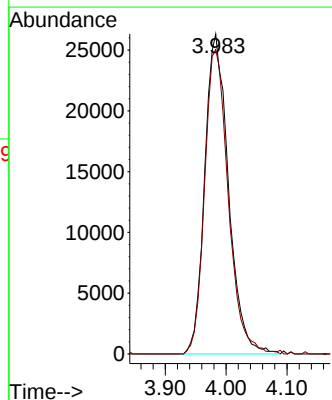
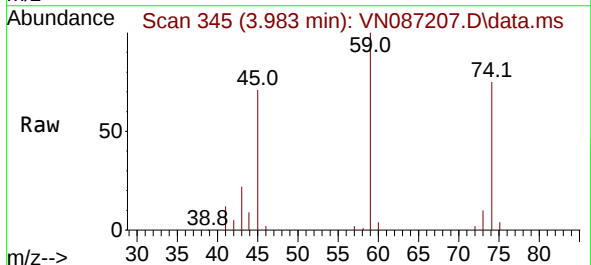
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

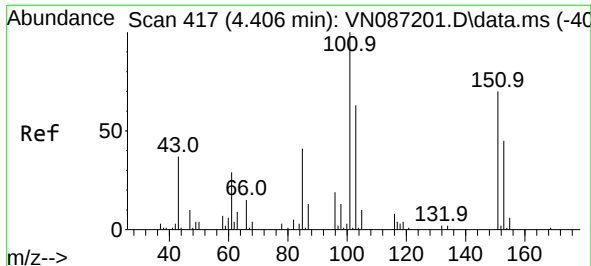
Tgt Ion:101 Resp: 167674
 Ion Ratio Lower Upper
 101 100
 103 62.8 49.3 73.9



#8
 Diethyl Ether
 Concen: 51.867 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
 Lab File: VN087207.D
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Tgt Ion: 74 Resp: 71317
 Ion Ratio Lower Upper
 74 100
 45 94.7 47.0 141.2

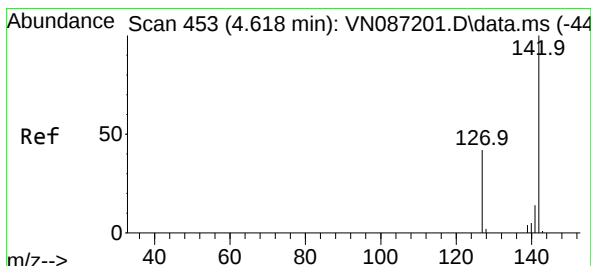
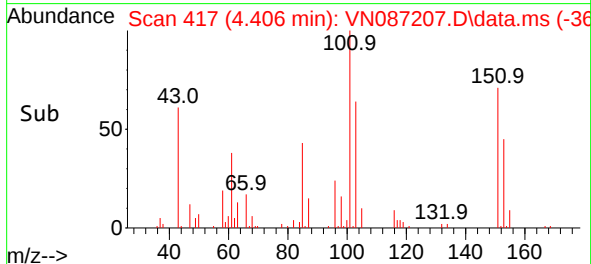
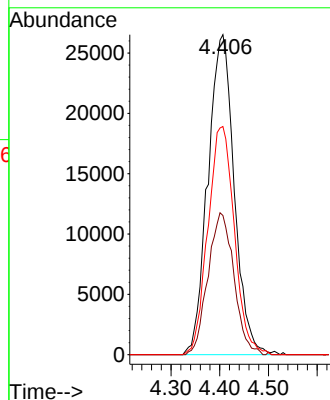
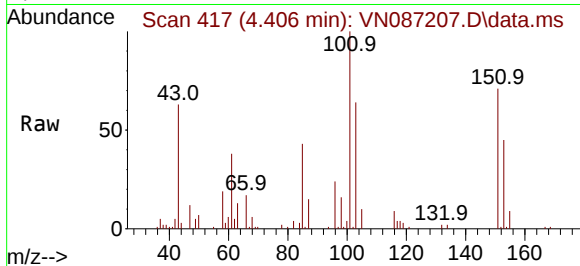




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.082 ug/l
RT: 4.406 min Scan# 417
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

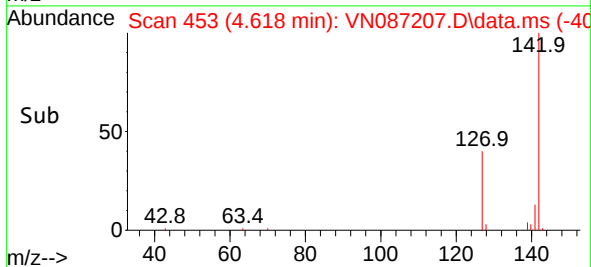
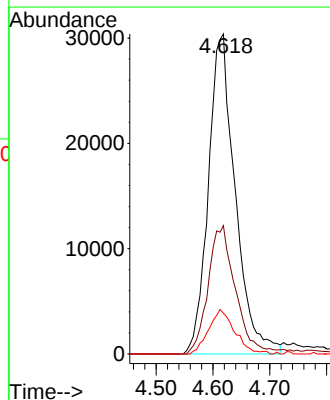
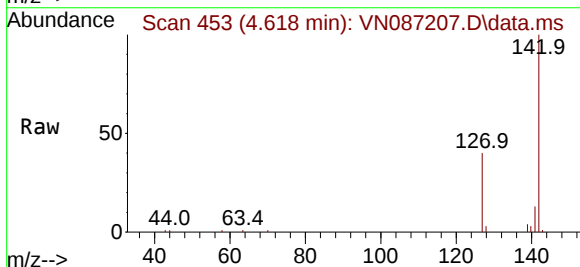
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

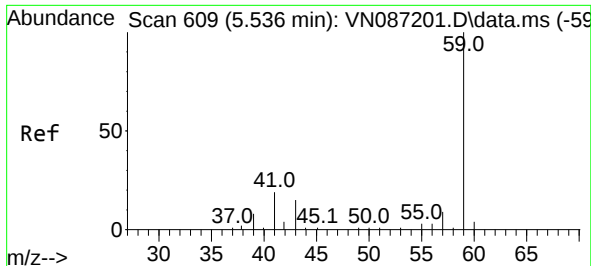
Tgt Ion:101 Resp: 99301
Ion Ratio Lower Upper
101 100
85 43.7 34.3 51.5
151 71.8 57.3 85.9



#10
Methyl Iodide
Concen: 51.864 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

Tgt Ion:142 Resp: 99810
Ion Ratio Lower Upper
142 100
127 40.1 33.3 49.9
141 12.8 11.4 17.0

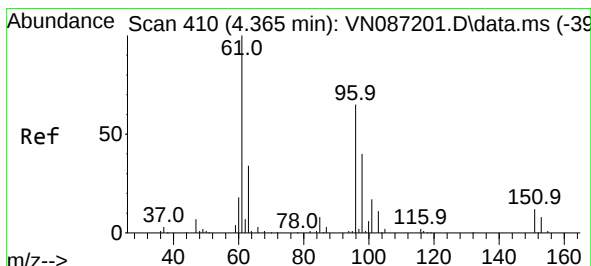
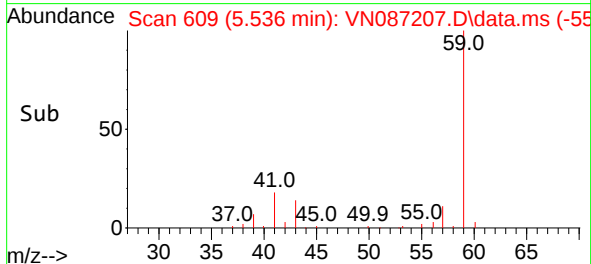
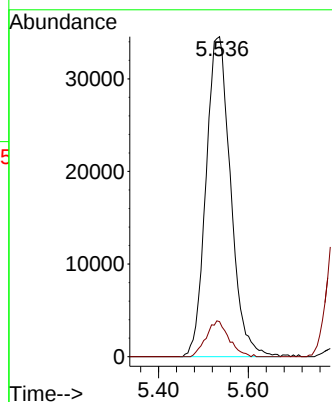
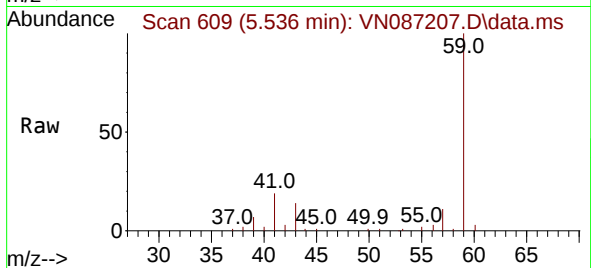




#11
Tert butyl alcohol
Concen: 211.494 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

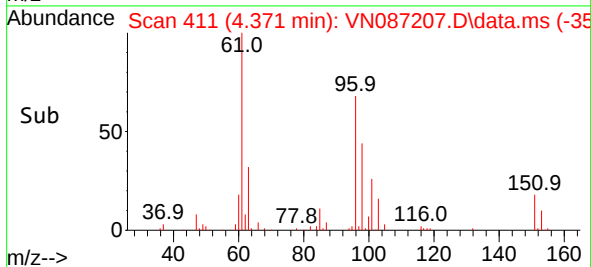
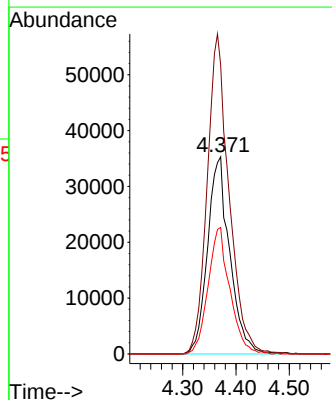
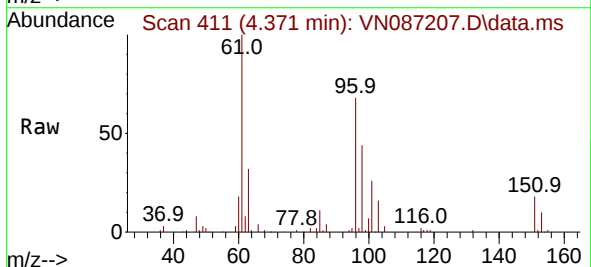
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ClientSampleId :
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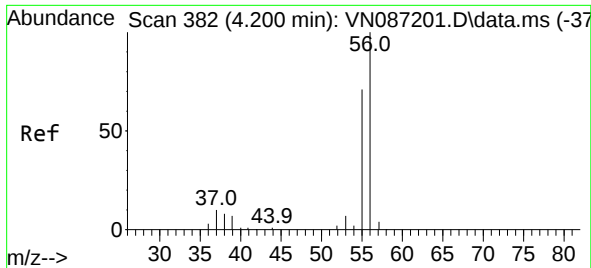
Tgt Ion: 59 Resp: 131663
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 44.316 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

Tgt Ion: 96 Resp: 102065
Ion Ratio Lower Upper
96 100
61 146.4 123.5 185.3
98 64.2 49.5 74.3

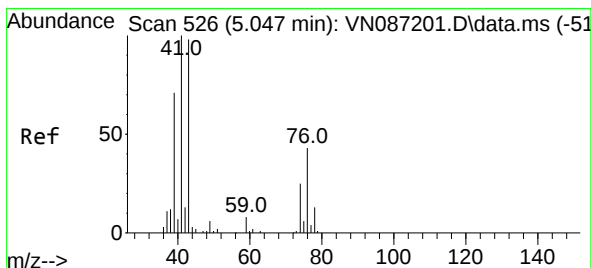
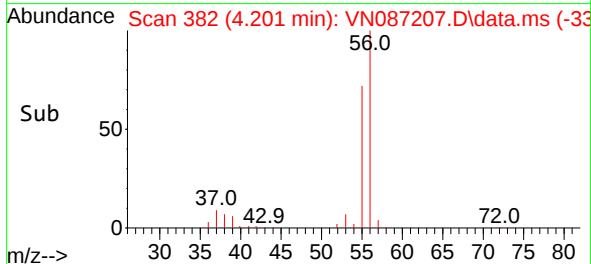
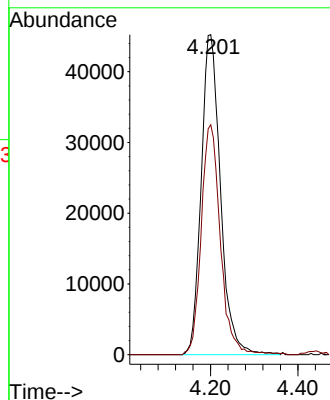
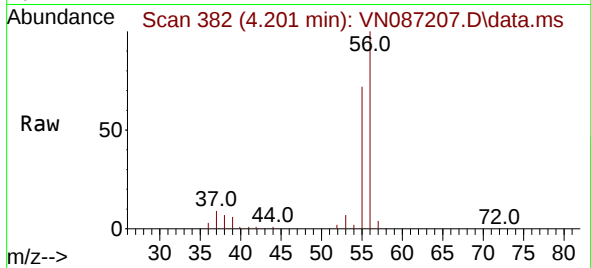




#13
Acrolein
Concen: 270.714 ug/l
RT: 4.201 min Scan# 382
Delta R.T. 0.001 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

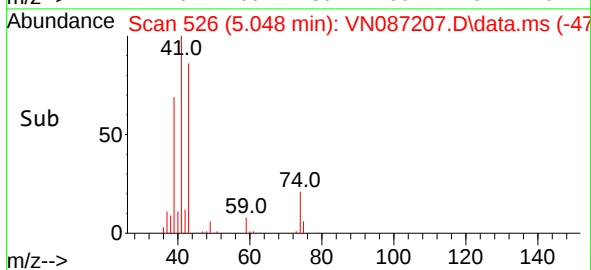
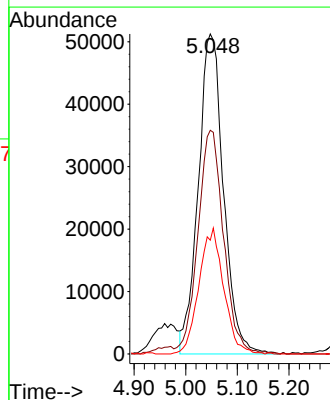
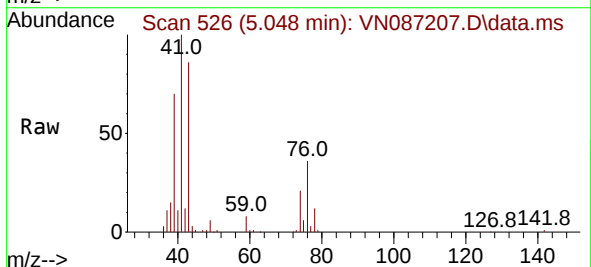
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

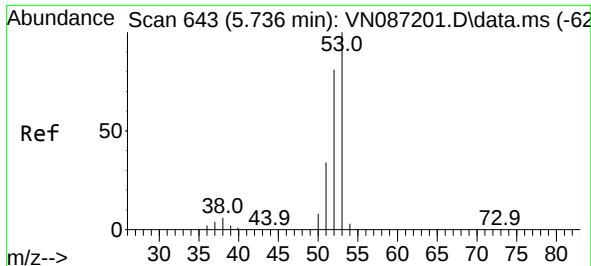
Tgt Ion: 56 Resp: 138954
Ion Ratio Lower Upper
56 100
55 71.3 56.8 85.2



#14
Allyl chloride
Concen: 46.917 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.001 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

Tgt Ion: 41 Resp: 173683
Ion Ratio Lower Upper
41 100
39 71.3 55.0 82.6
76 38.6 31.3 46.9

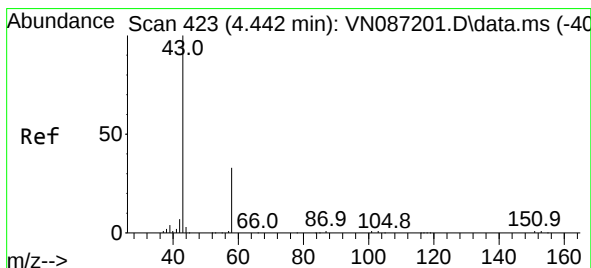
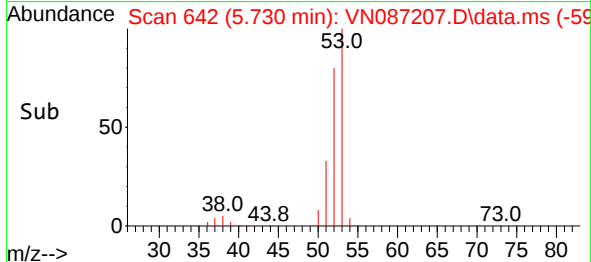
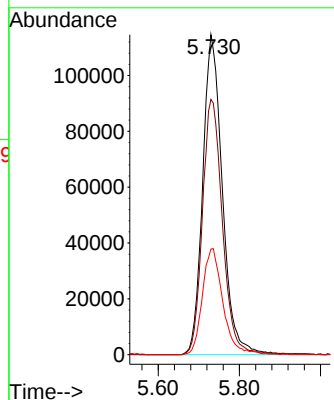
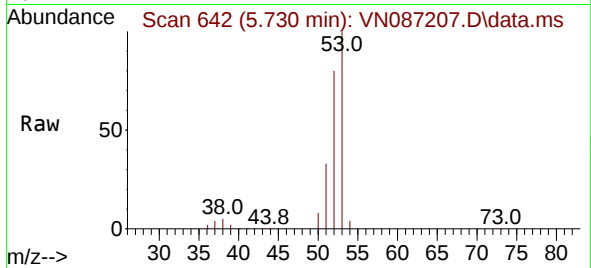




#15
Acrylonitrile
Concen: 236.110 ug/l
RT: 5.730 min Scan# 643
Delta R.T. -0.006 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

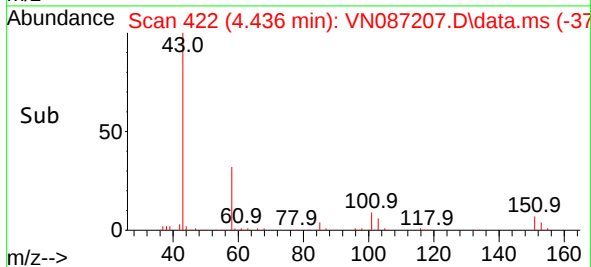
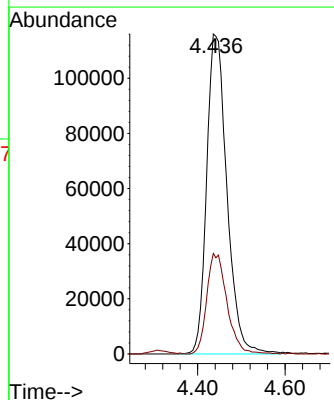
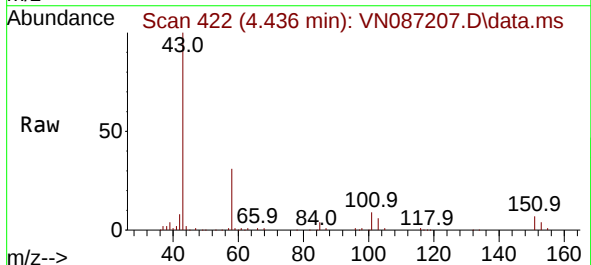
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

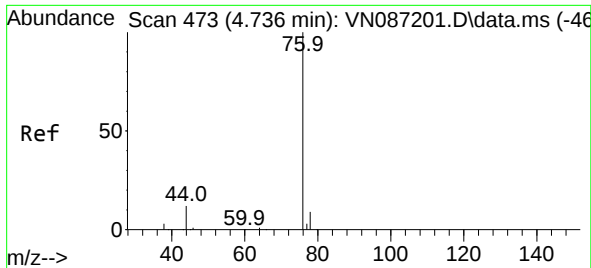
Tgt Ion: 53 Resp: 384952
Ion Ratio Lower Upper
53 100
52 81.3 65.0 97.6
51 34.7 27.8 41.6



#16
Acetone
Concen: 285.252 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

Tgt Ion: 43 Resp: 373760
Ion Ratio Lower Upper
43 100
58 31.4 26.5 39.7

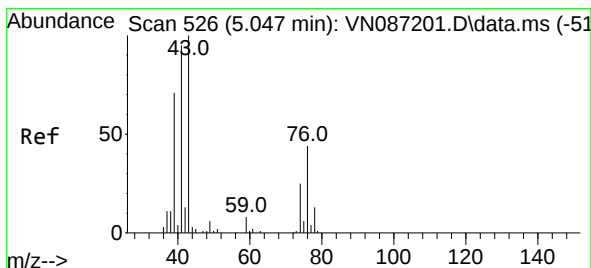
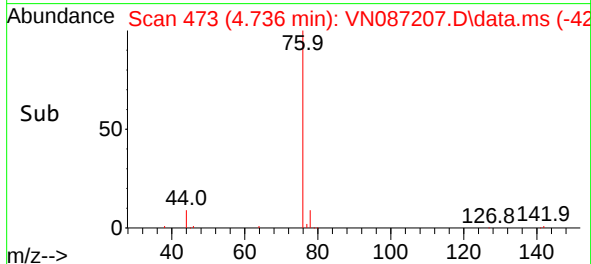
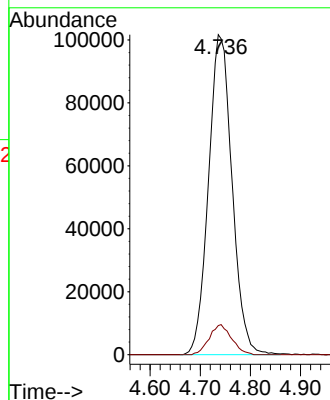
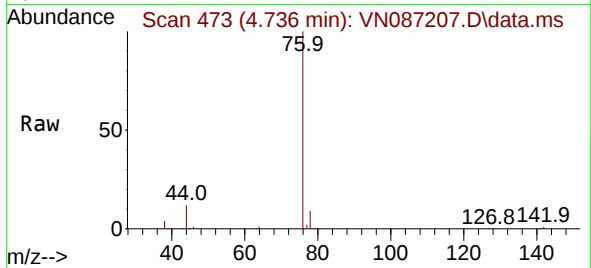




#17
Carbon Disulfide
Concen: 50.801 ug/l
RT: 4.736 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

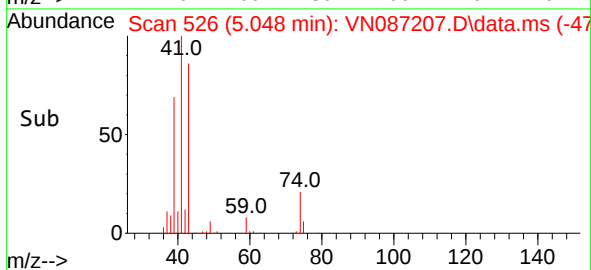
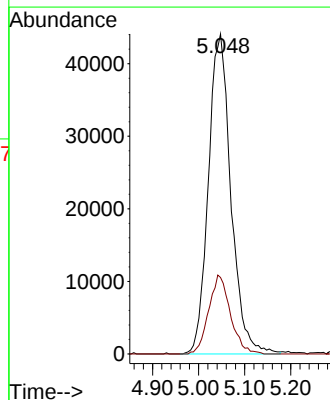
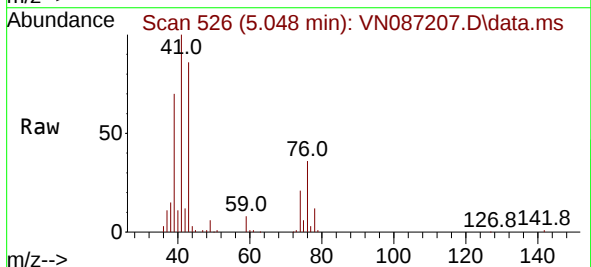
Instrument :
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ClientSampleId :
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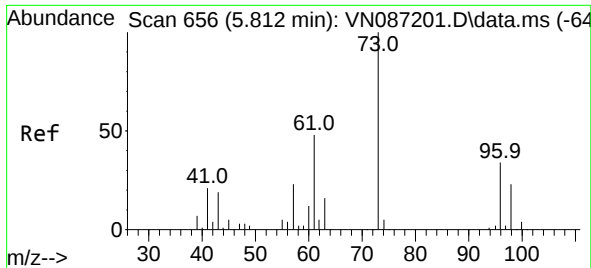
Tgt Ion: 76 Resp: 331888
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 43.903 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.001 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

Tgt Ion: 43 Resp: 150069
Ion Ratio Lower Upper
43 100
74 23.7 19.4 29.2

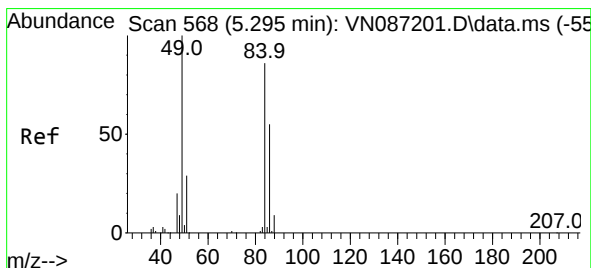
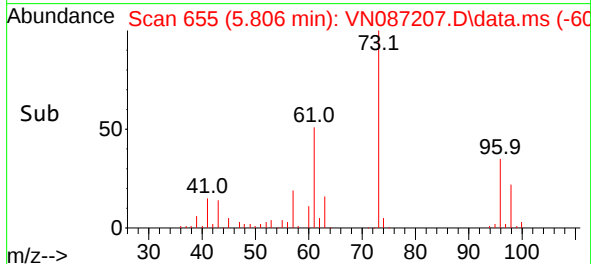
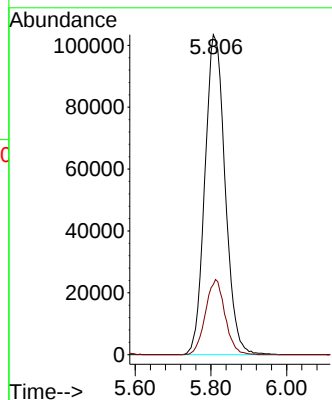
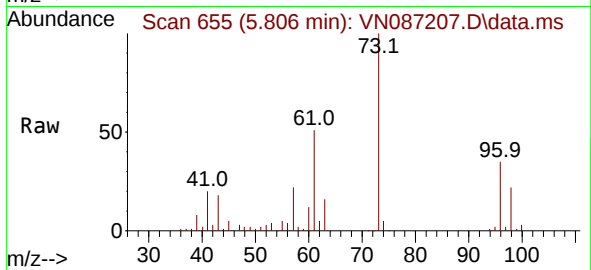




#19
Methyl tert-butyl Ether
Concen: 48.319 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

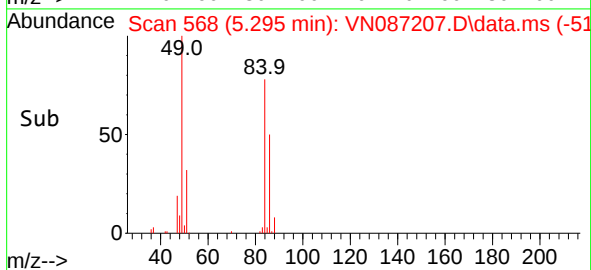
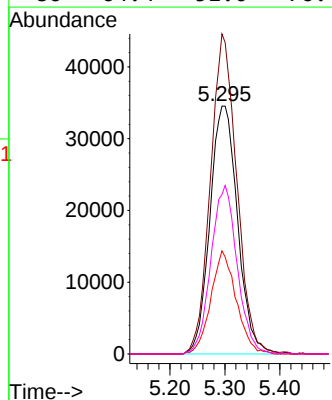
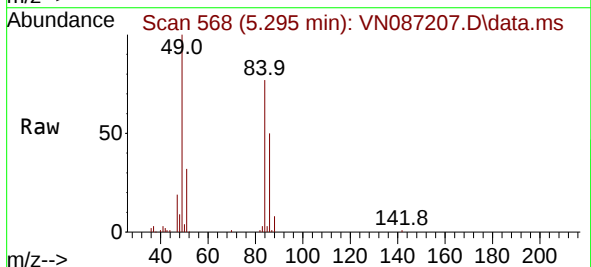
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

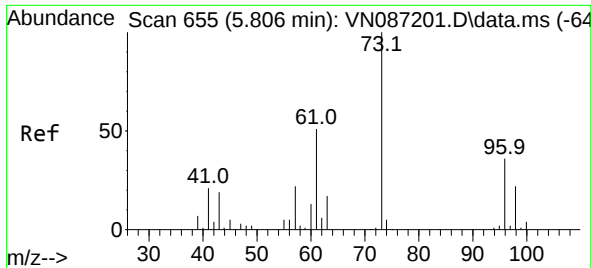
Tgt Ion: 73 Resp: 383305
Ion Ratio Lower Upper
73 100
57 22.0 18.2 27.4



#20
Methylene Chloride
Concen: 48.959 ug/l
RT: 5.295 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

Tgt Ion: 84 Resp: 120711
Ion Ratio Lower Upper
84 100
49 129.1 93.0 139.6
51 41.6 27.2 40.8#
86 64.4 51.0 76.4

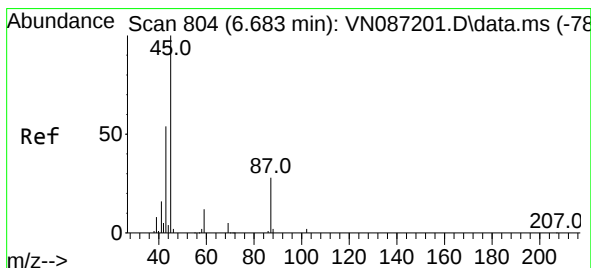
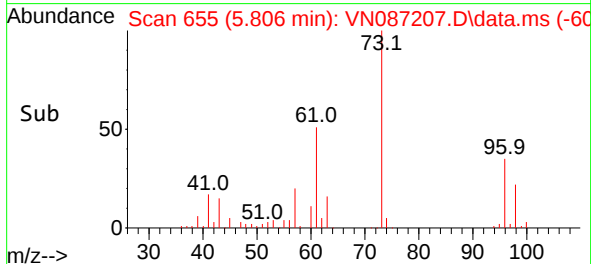
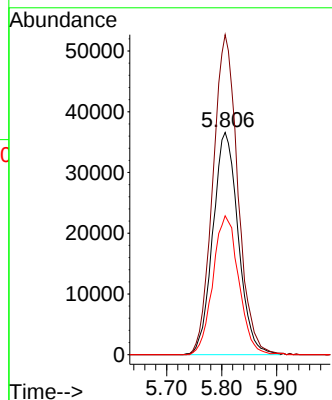
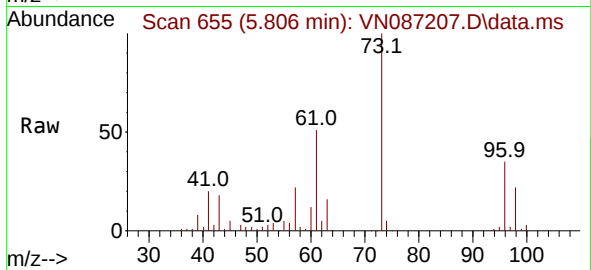




#21
trans-1,2-Dichloroethene
Concen: 45.907 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

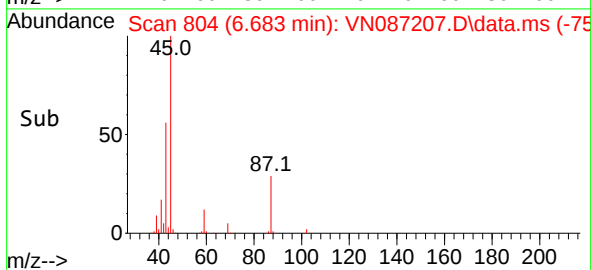
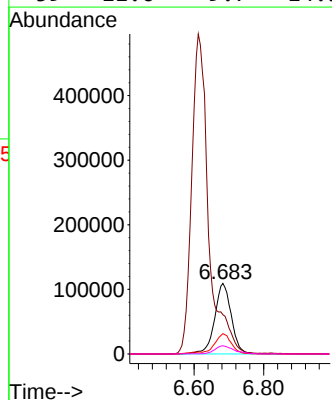
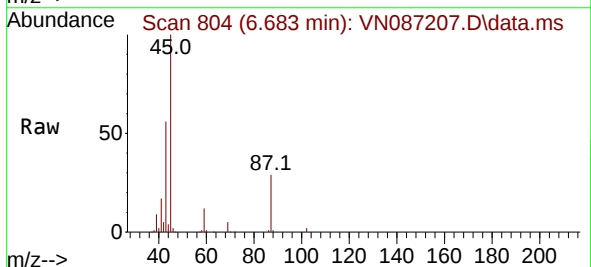
Instrument :
MSVOA_N
ClientSampleId :
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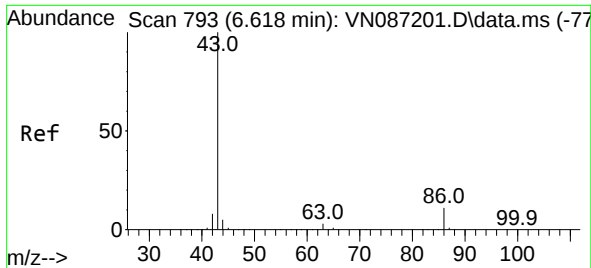
Tgt Ion: 96 Resp: 117261
Ion Ratio Lower Upper
96 100
61 143.9 113.8 170.8
98 62.5 50.4 75.6



#22
Diisopropyl ether
Concen: 44.109 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

Tgt Ion: 45 Resp: 361767
Ion Ratio Lower Upper
45 100
43 54.8 45.8 68.6
87 28.8 22.7 34.1
59 11.6 9.7 14.5

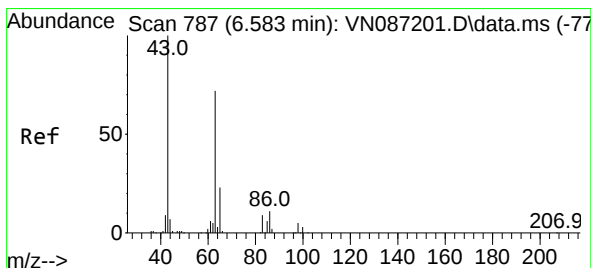
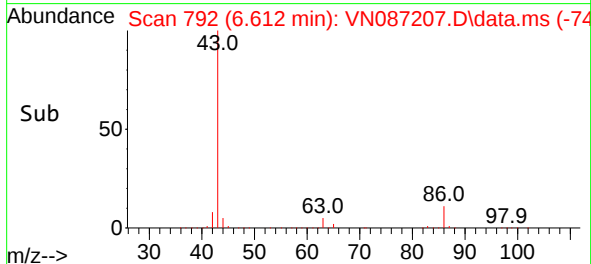
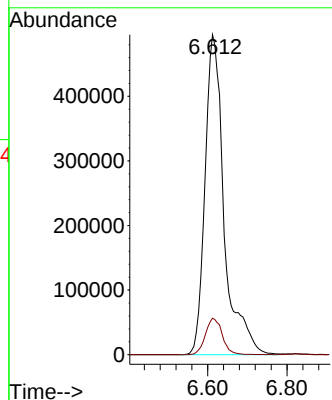
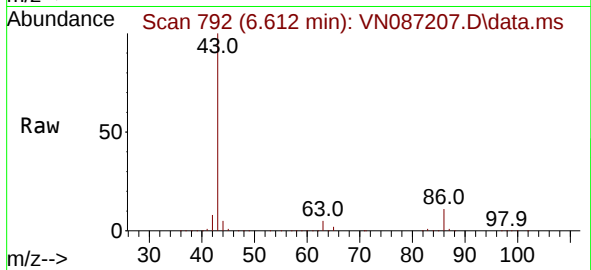




#23
 Vinyl Acetate
 Concen: 226.317 ug/l
 RT: 6.612 min Scan# 793
 Delta R.T. -0.006 min
 Lab File: VN087207.D
 Acq: 27 Jun 2025 09:38

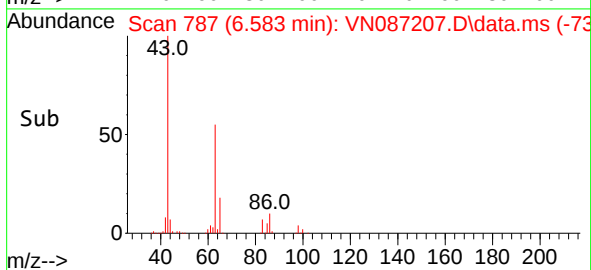
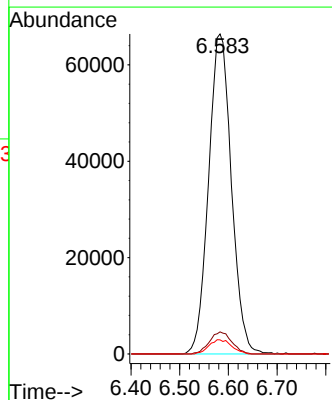
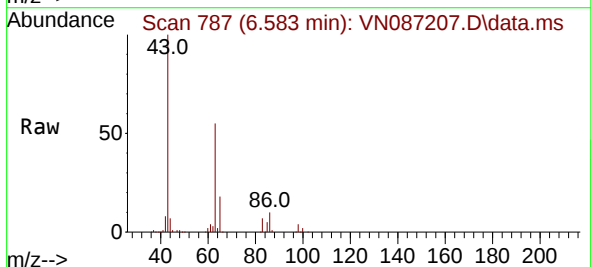
Instrument :
 MSVOA_N
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 VSTDCCC050

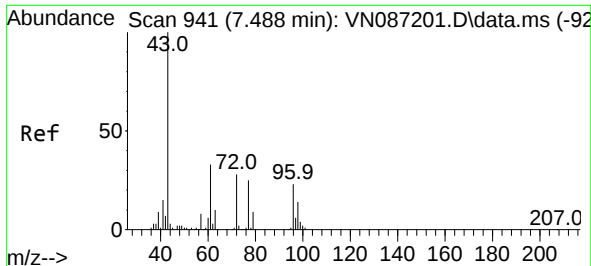
Tgt Ion: 43 Resp: 1659880
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 44.581 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.000 min
 Lab File: VN087207.D
 Acq: 27 Jun 2025 09:38

Tgt Ion: 63 Resp: 215952
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.8
 100 4.4 2.1 6.5

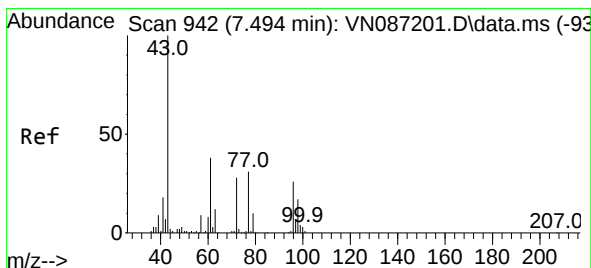
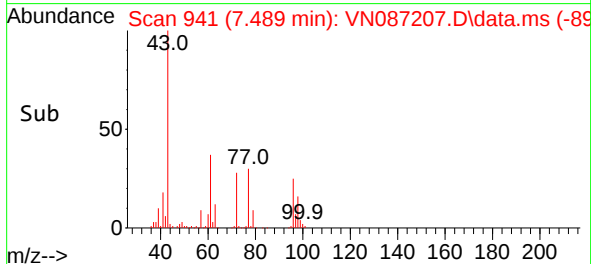
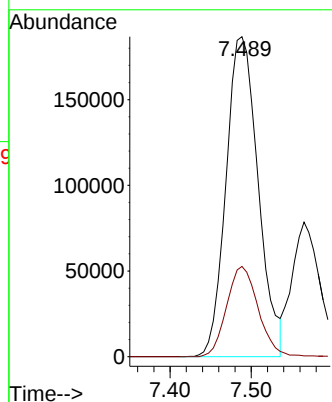
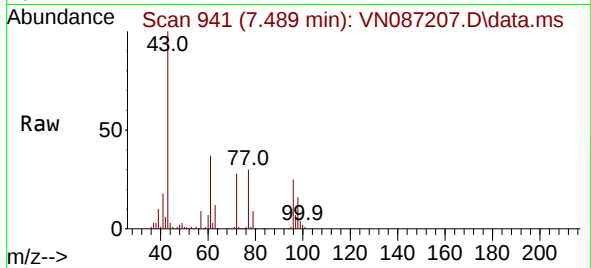




#25
2-Butanone
Concen: 240.013 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

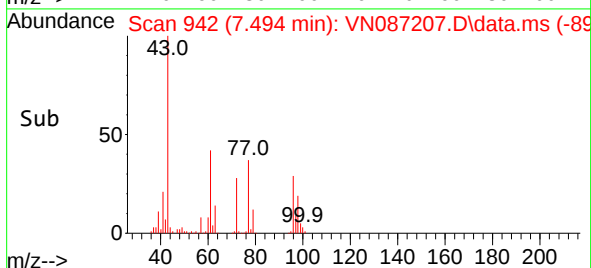
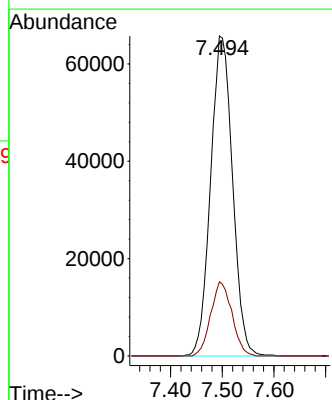
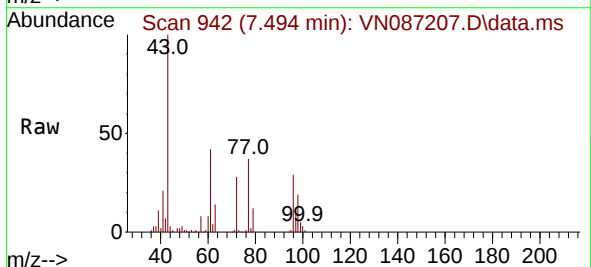
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ClientSampleId :
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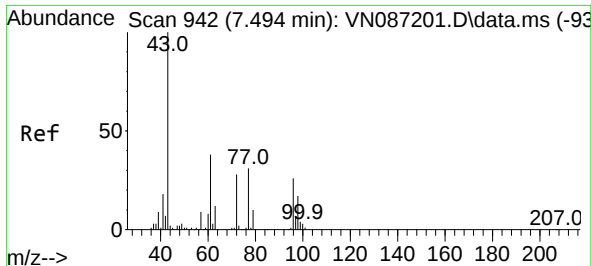
Tgt Ion: 43 Resp: 514135
Ion Ratio Lower Upper
43 100
72 28.2 22.2 33.2



#26
2,2-Dichloropropane
Concen: 50.334 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

Tgt Ion: 77 Resp: 193812
Ion Ratio Lower Upper
77 100
97 22.4 11.8 35.3

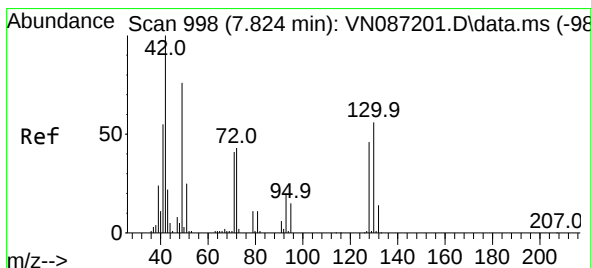
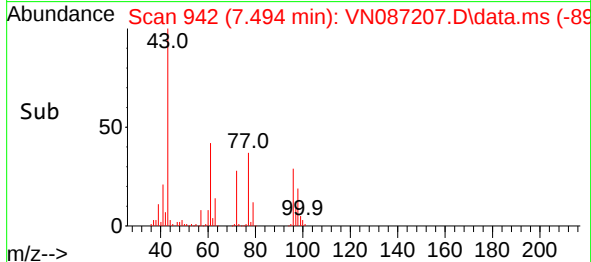
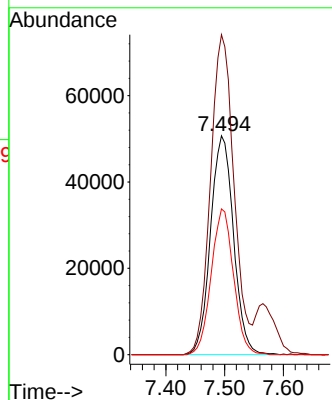
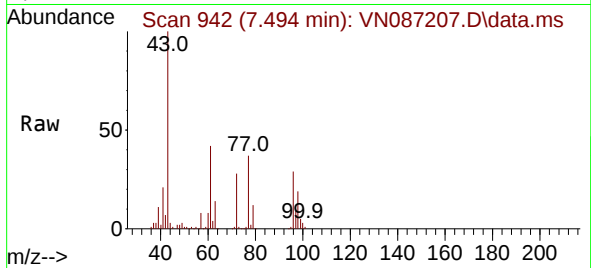




#27
 cis-1,2-Dichloroethene
 Concen: 46.476 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN087207.D
 Acq: 27 Jun 2025 09:38

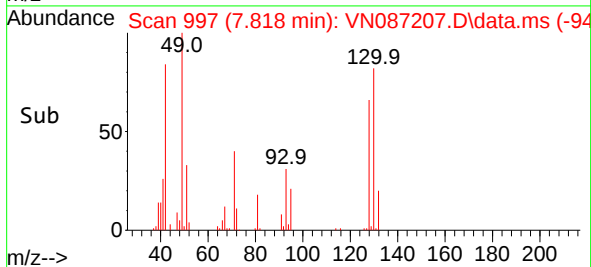
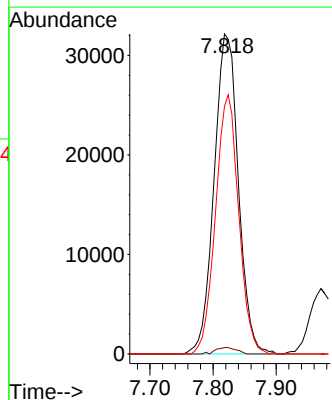
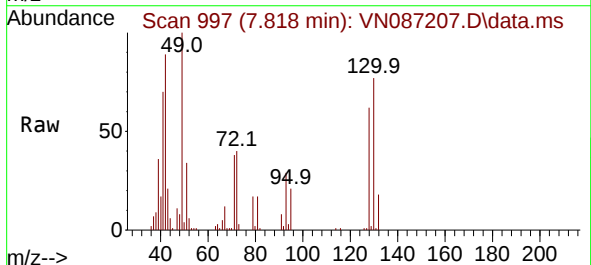
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

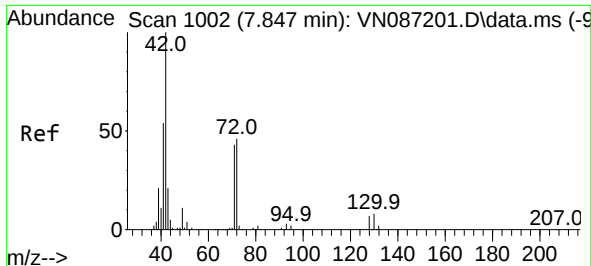
Tgt Ion: 96 Resp: 138030
 Ion Ratio Lower Upper
 96 100
 61 149.2 0.0 290.4
 98 64.5 0.0 126.8



#28
 Bromochloromethane
 Concen: 40.404 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN087207.D
 Acq: 27 Jun 2025 09:38

Tgt Ion: 49 Resp: 86040
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.2
 130 77.3 60.0 90.0





#29

Tetrahydrofuran

Concen: 204.483 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VN087207.D

Acq: 27 Jun 2025 09:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

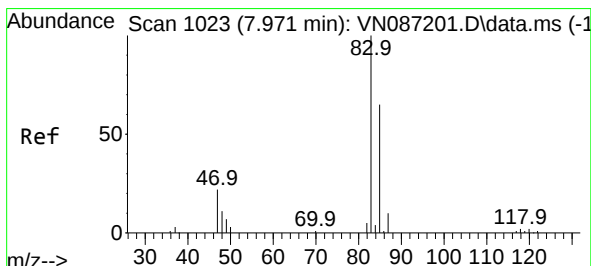
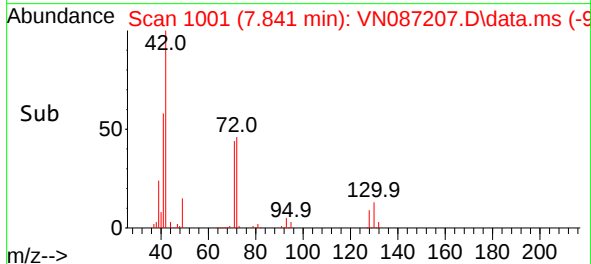
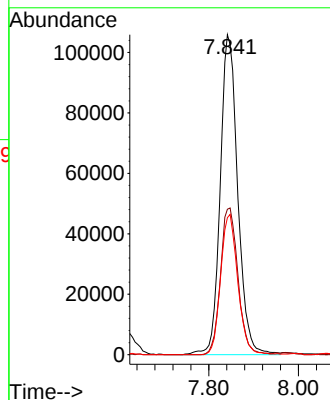
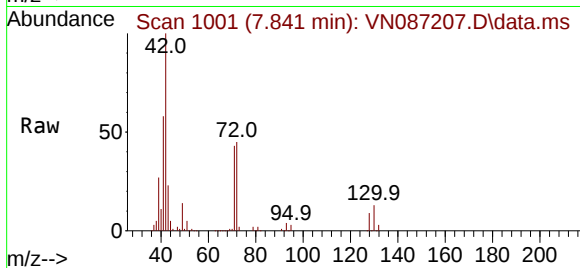
Tgt Ion: 42 Resp: 287188

Ion Ratio Lower Upper

42 100

72 45.9 36.9 55.3

71 43.0 35.0 52.4



#30

Chloroform

Concen: 44.630 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN087207.D

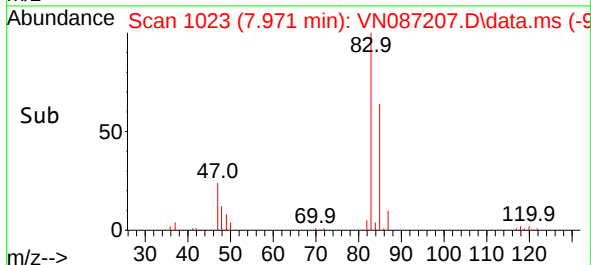
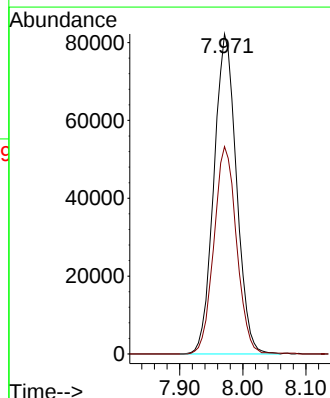
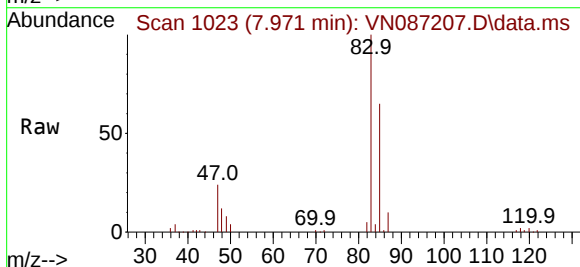
Acq: 27 Jun 2025 09:38

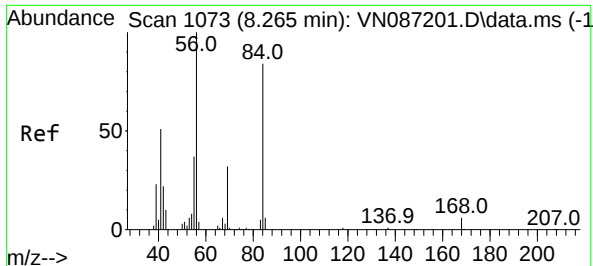
Tgt Ion: 83 Resp: 203922

Ion Ratio Lower Upper

83 100

85 64.8 52.0 78.0

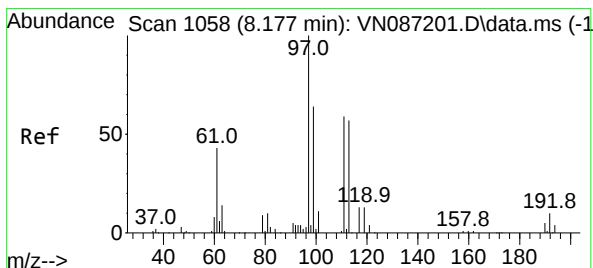
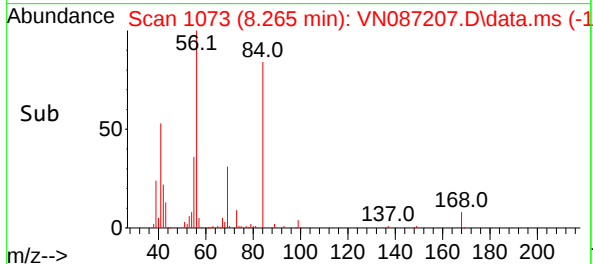
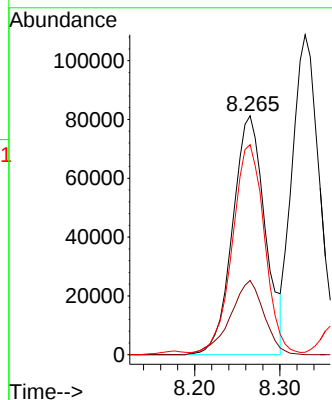
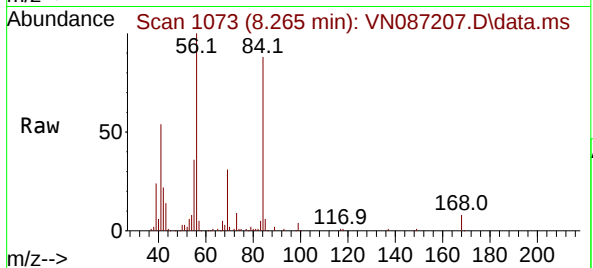




#31
Cyclohexane
Concen: 49.210 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

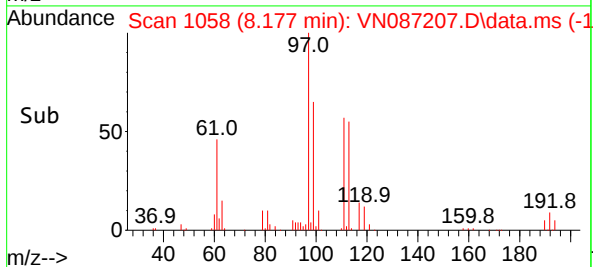
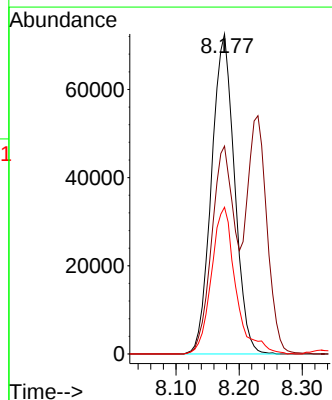
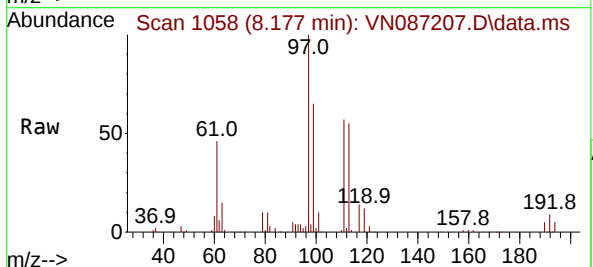
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

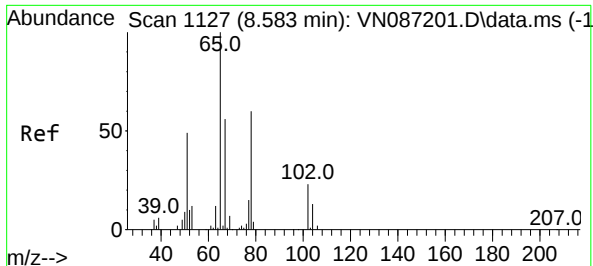
Tgt Ion: 56 Resp: 215254
Ion Ratio Lower Upper
56 100
69 31.1 25.3 37.9
84 86.7 67.4 101.0



#32
1,1,1-Trichloroethane
Concen: 46.813 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

Tgt Ion: 97 Resp: 183768
Ion Ratio Lower Upper
97 100
99 64.4 49.9 74.9
61 48.5 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 45.823 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN087207.D

Acq: 27 Jun 2025 09:38

Instrument :

MSVOA_N

ClientSampleId :

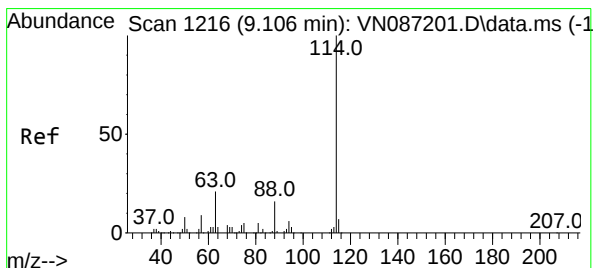
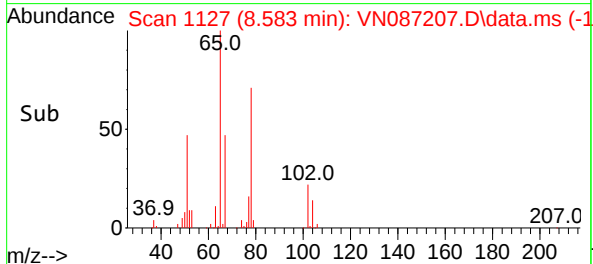
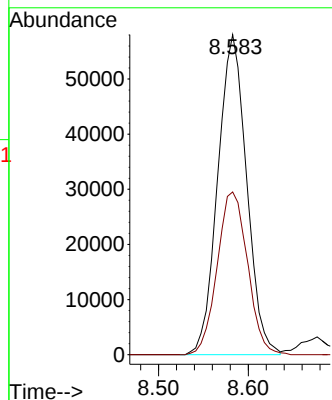
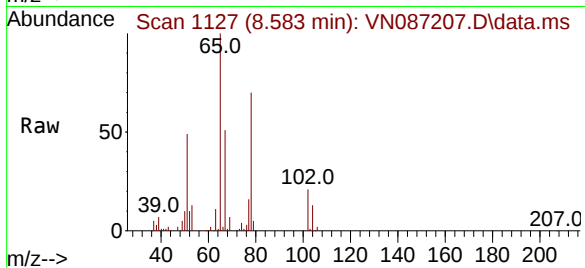
VSTDCCC050

Tgt Ion: 65 Resp: 129470

Ion Ratio Lower Upper

65 100

67 53.6 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN087207.D

Acq: 27 Jun 2025 09:38

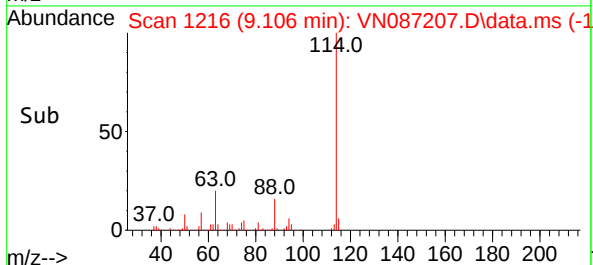
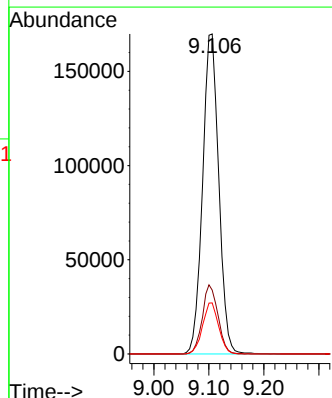
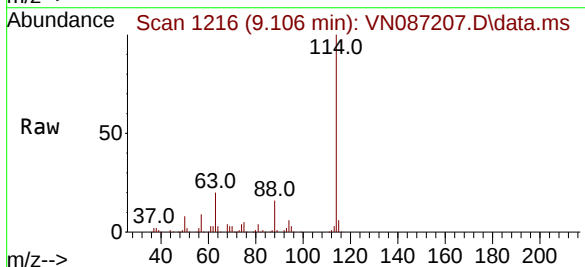
Tgt Ion: 114 Resp: 346797

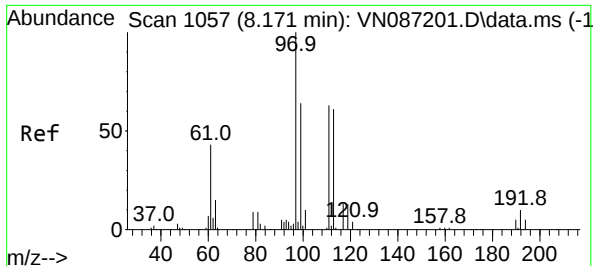
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.0

88 16.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 46.404 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN087207.D

Acq: 27 Jun 2025 09:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

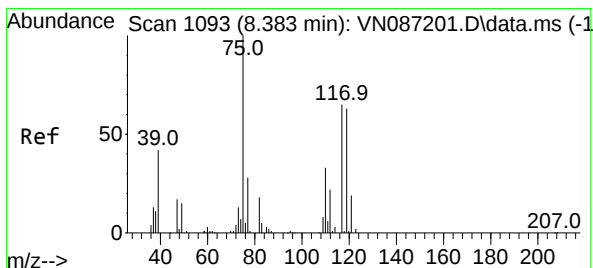
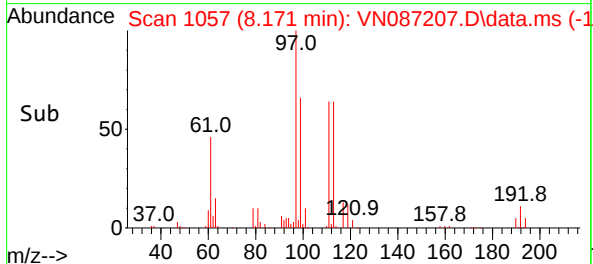
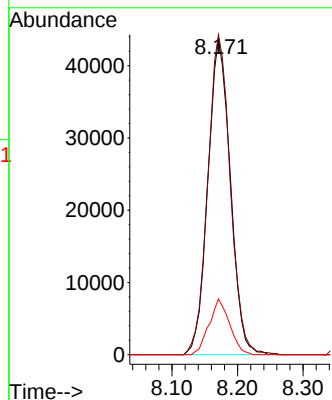
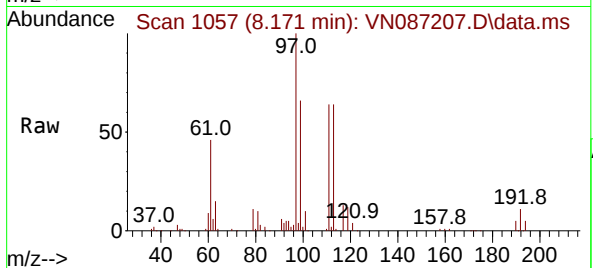
Tgt Ion:113 Resp: 104042

Ion Ratio Lower Upper

113 100

111 101.5 82.6 124.0

192 16.2 13.5 20.3



#36

1,1-Dichloropropene

Concen: 49.287 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VN087207.D

Acq: 27 Jun 2025 09:38

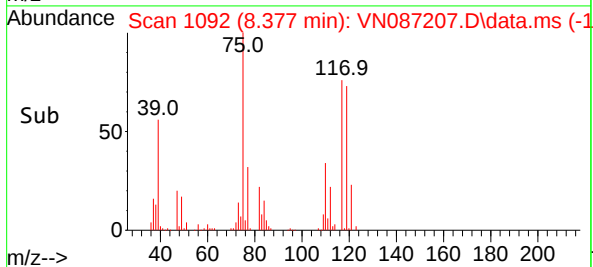
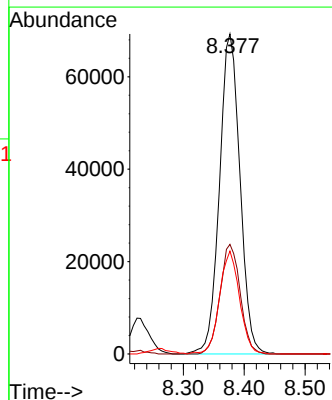
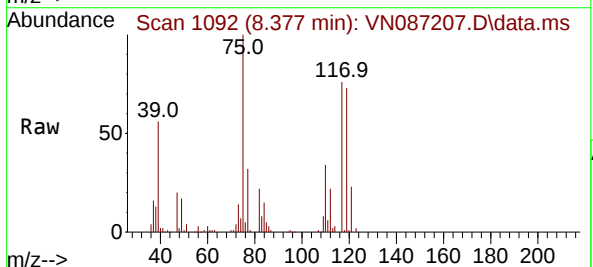
Tgt Ion: 75 Resp: 161861

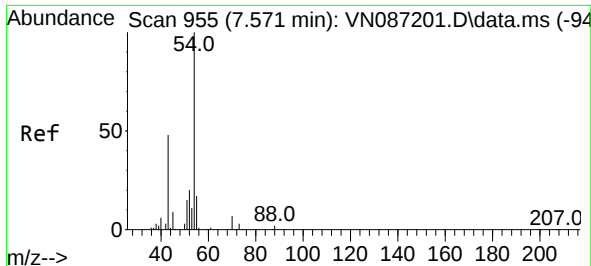
Ion Ratio Lower Upper

75 100

110 33.8 16.9 50.6

77 31.5 24.7 37.1

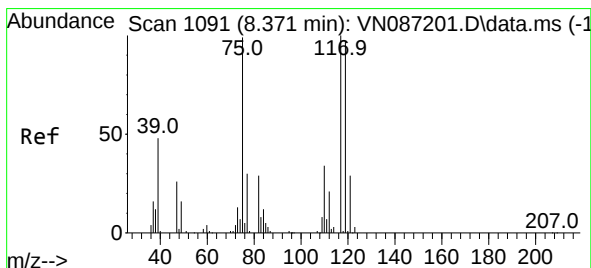
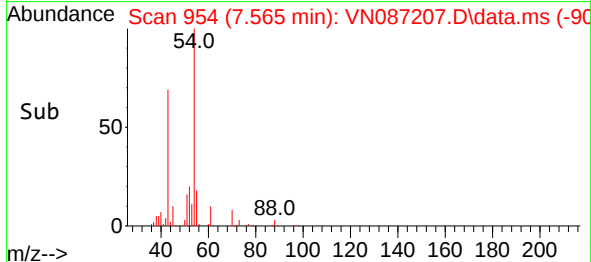
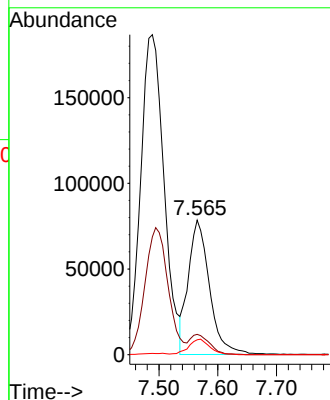
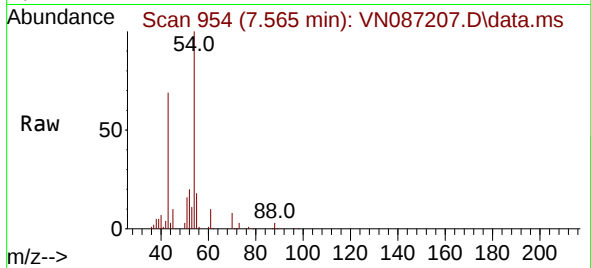




#37
Ethyl Acetate
Concen: 46.251 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

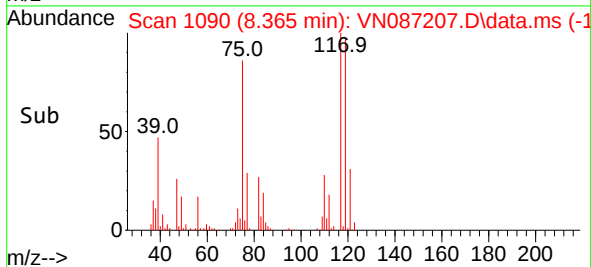
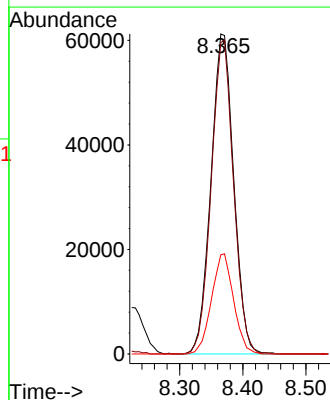
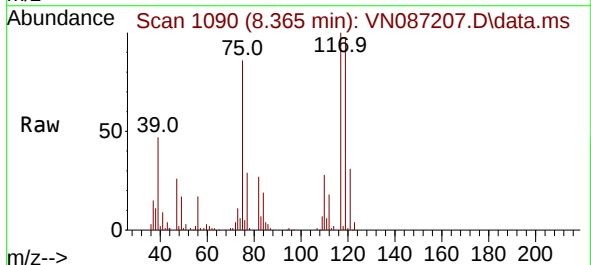
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

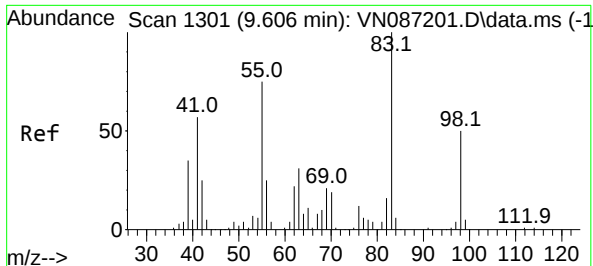
Tgt Ion: 43 Resp: 196374
Ion Ratio Lower Upper
43 100
61 13.7 10.8 16.2
70 11.4 8.9 13.3



#38
Carbon Tetrachloride
Concen: 47.969 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

Tgt Ion: 117 Resp: 153424
Ion Ratio Lower Upper
117 100
119 97.3 77.4 116.0
121 31.0 23.2 34.8





#39

Methylcyclohexane

Concen: 48.992 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VN087207.D

Acq: 27 Jun 2025 09:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

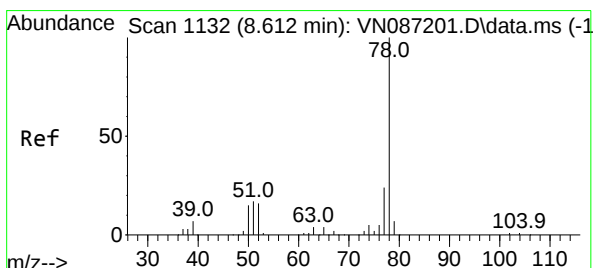
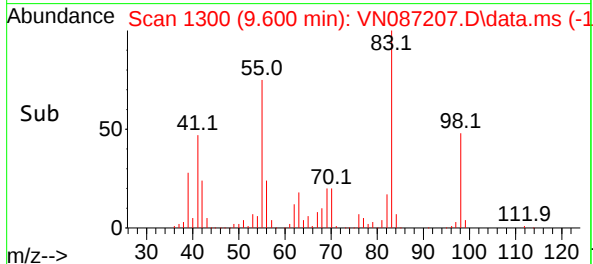
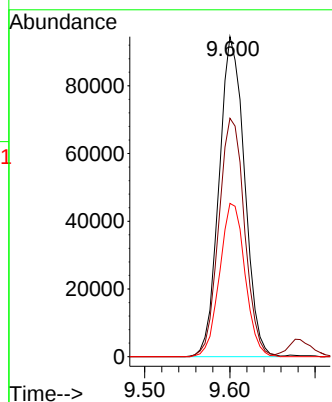
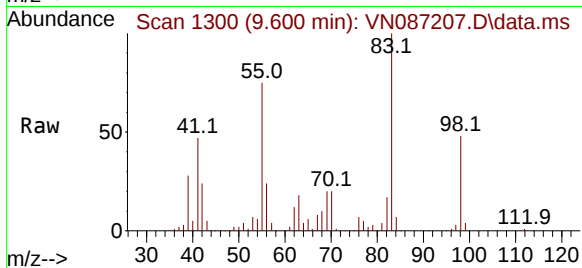
Tgt Ion: 83 Resp: 196302

Ion Ratio Lower Upper

83 100

55 74.5 59.8 89.8

98 47.9 39.8 59.8



#40

Benzene

Concen: 48.751 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN087207.D

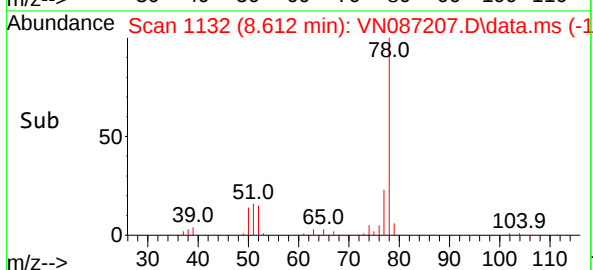
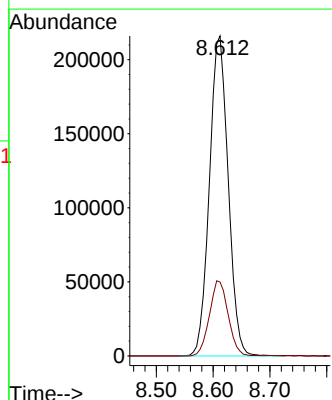
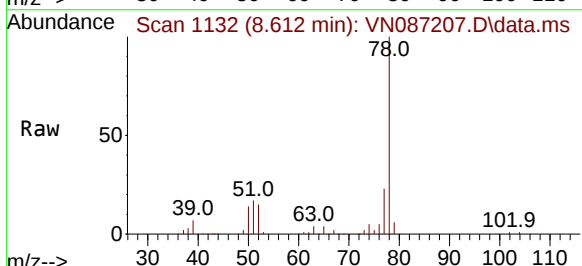
Acq: 27 Jun 2025 09:38

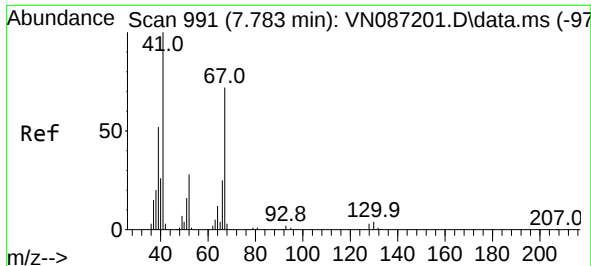
Tgt Ion: 78 Resp: 494684

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.6

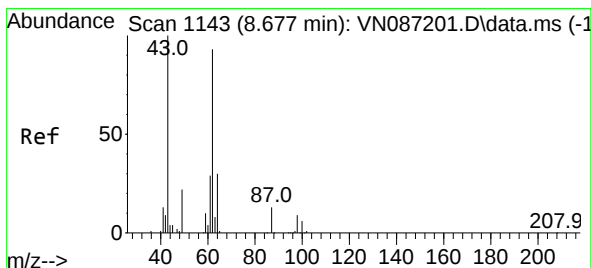
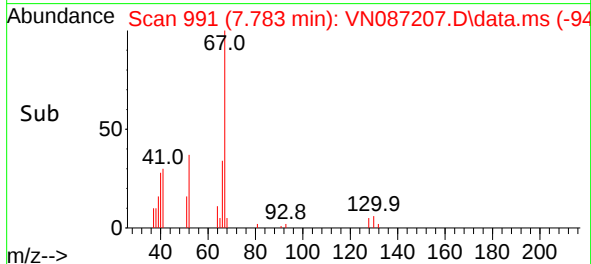
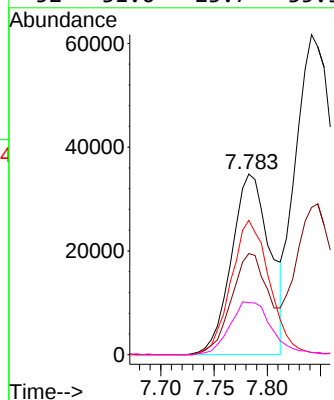
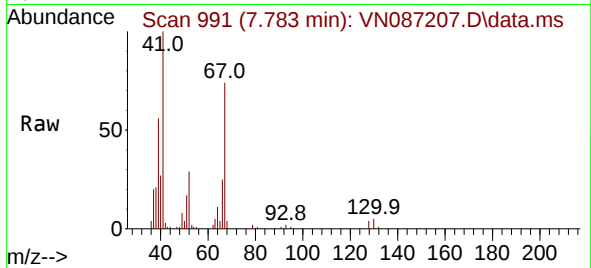




#41
Methacrylonitrile
Concen: 40.913 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

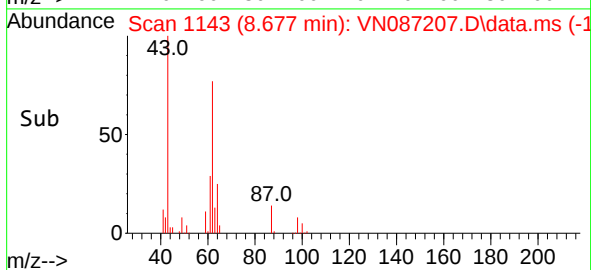
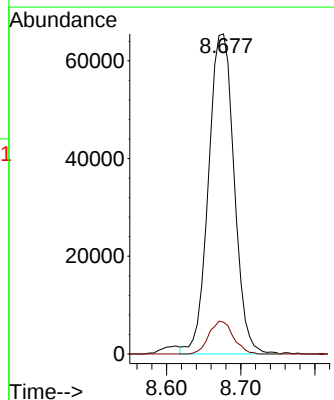
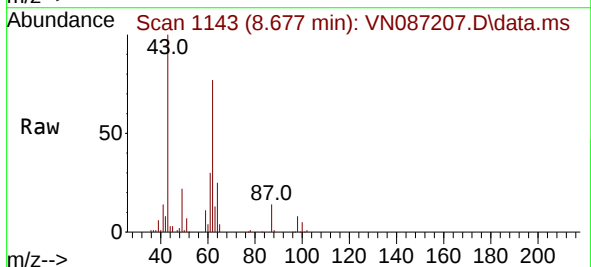
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

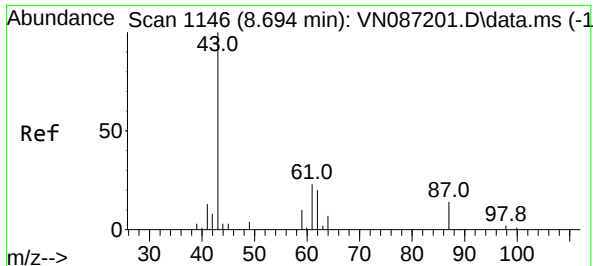
Tgt Ion:	41	Resp:	87935
Ion	Ratio	Lower	Upper
41	100		
39	51.7	41.3	61.9
67	74.4	60.2	90.2
52	31.6	23.7	35.5



#42
1,2-Dichloroethane
Concen: 47.834 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

Tgt Ion:	62	Resp:	157792
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.4

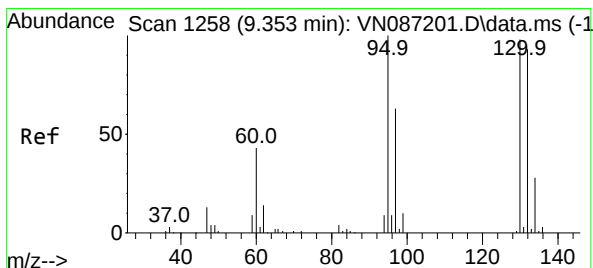
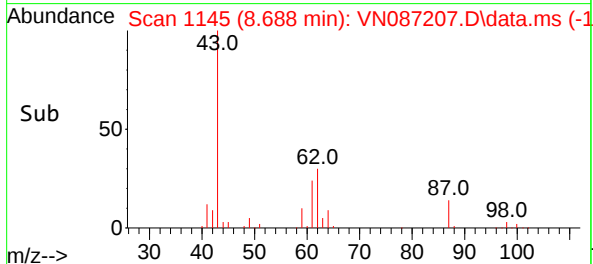
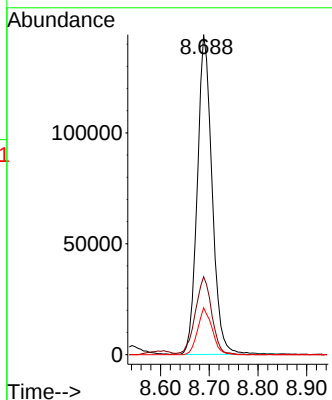
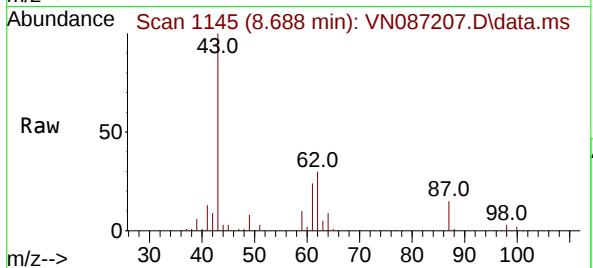




#43
Isopropyl Acetate
Concen: 50.327 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

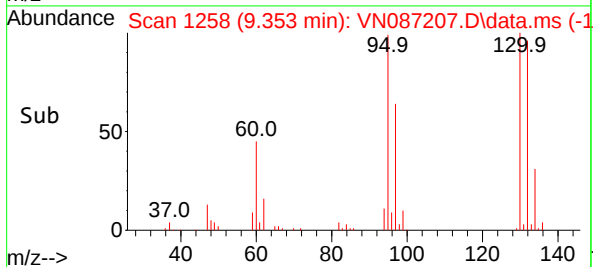
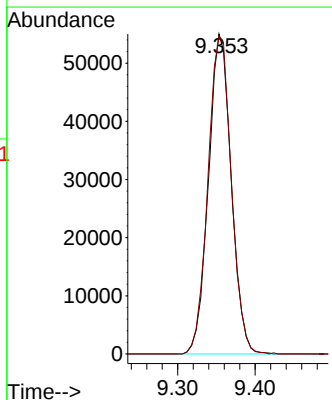
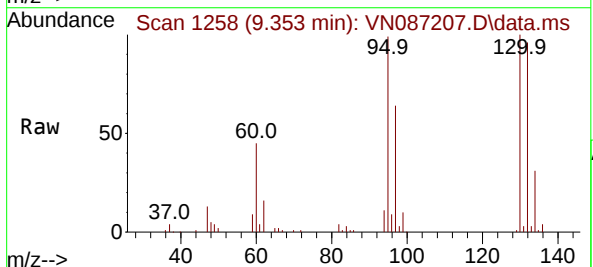
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

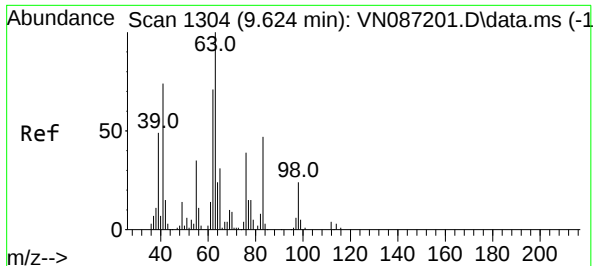
Tgt Ion: 43 Resp: 303852
Ion Ratio Lower Upper
43 100
61 27.2 21.0 31.6
87 14.3 11.0 16.6



#44
Trichloroethene
Concen: 46.230 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

Tgt Ion:130 Resp: 112317
Ion Ratio Lower Upper
130 100
95 99.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 47.661 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN087207.D

Acq: 27 Jun 2025 09:38

Instrument :

MSVOA_N

ClientSampleId :

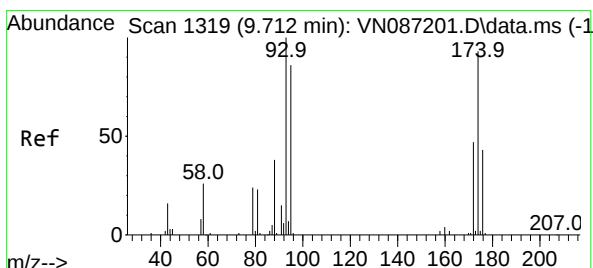
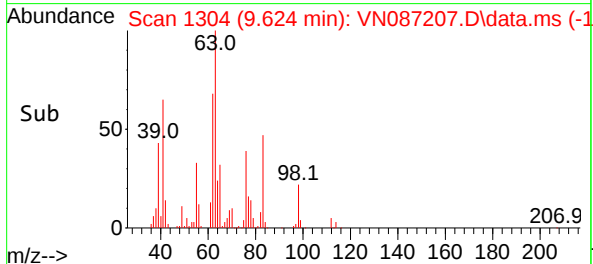
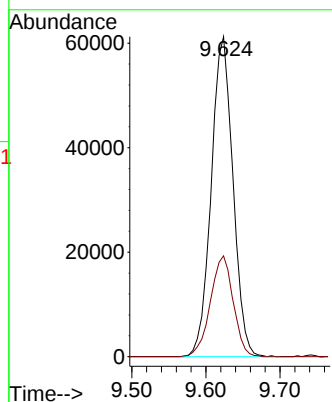
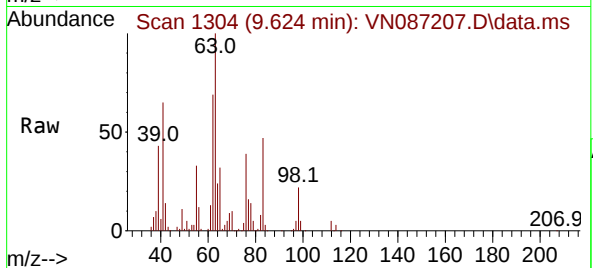
VSTDCCC050

Tgt Ion: 63 Resp: 124657

Ion Ratio Lower Upper

63 100

65 31.5 24.7 37.1



#46

Dibromomethane

Concen: 45.102 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN087207.D

Acq: 27 Jun 2025 09:38

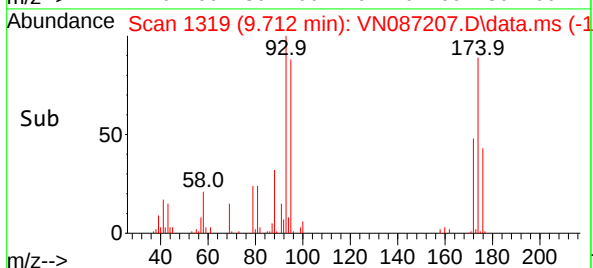
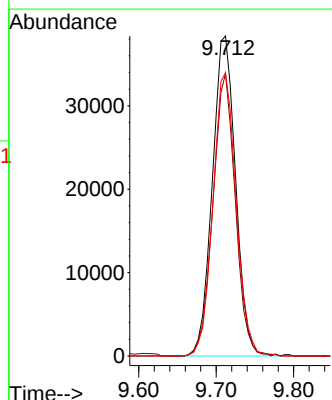
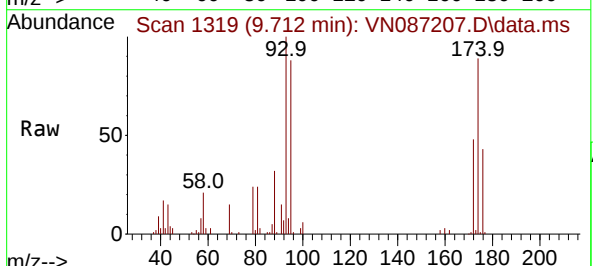
Tgt Ion: 93 Resp: 79942

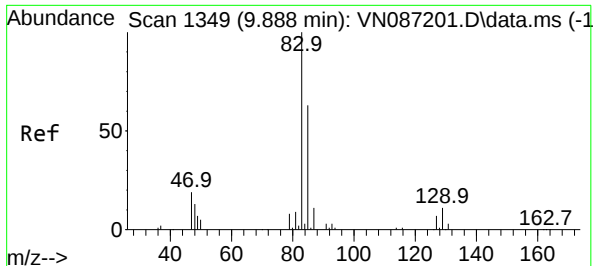
Ion Ratio Lower Upper

93 100

95 84.8 67.4 101.2

174 88.3 72.3 108.5

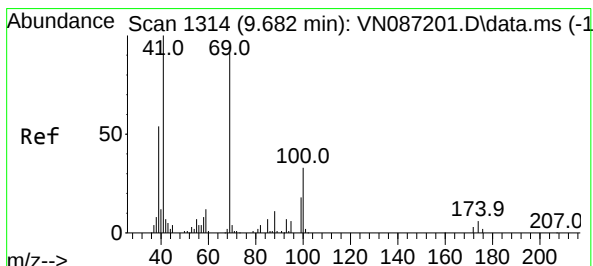
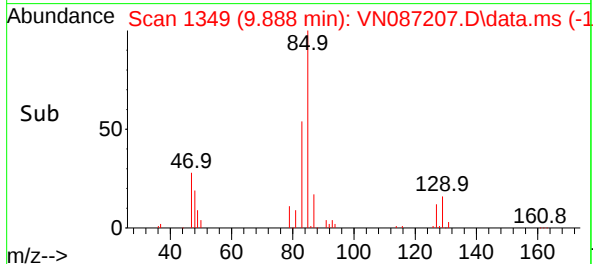
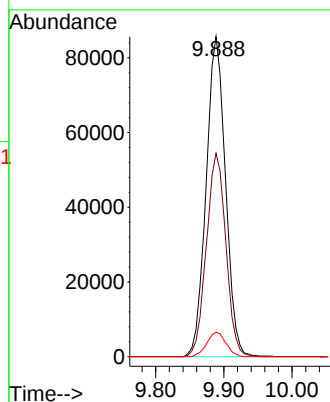
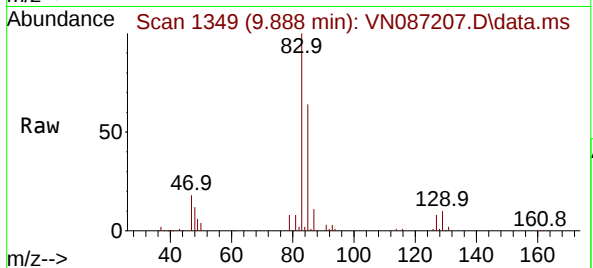




#47
Bromodichloromethane
Concen: 47.599 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

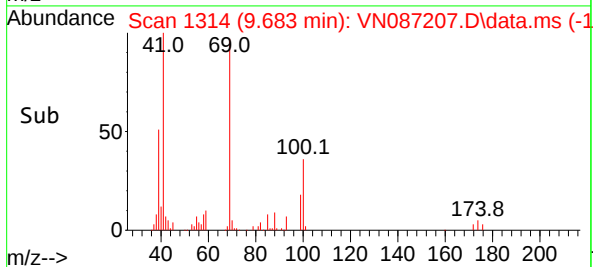
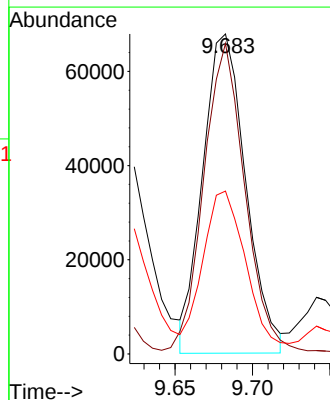
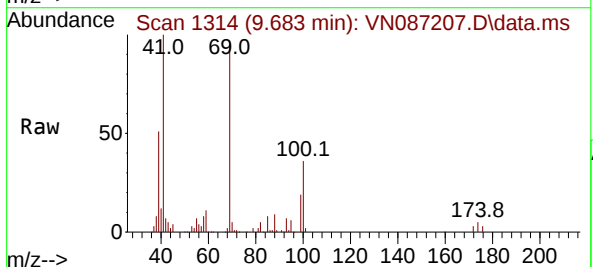
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

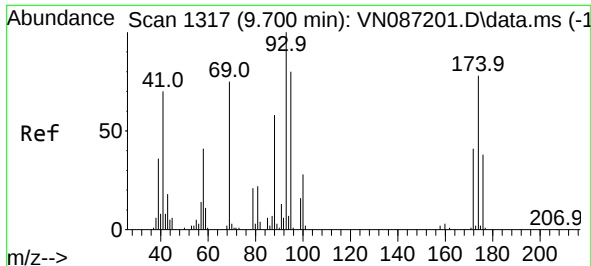
Tgt Ion: 83 Resp: 169445
Ion Ratio Lower Upper
83 100
85 63.6 50.0 75.0
127 7.6 6.0 9.0



#48
Methyl methacrylate
Concen: 44.876 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

Tgt Ion: 41 Resp: 130994
Ion Ratio Lower Upper
41 100
69 93.5 69.9 104.9
39 51.8 43.8 65.6





#49

1,4-Dioxane

Concen: 762.909 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087207.D

Acq: 27 Jun 2025 09:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

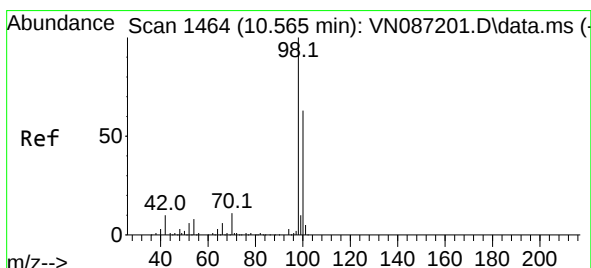
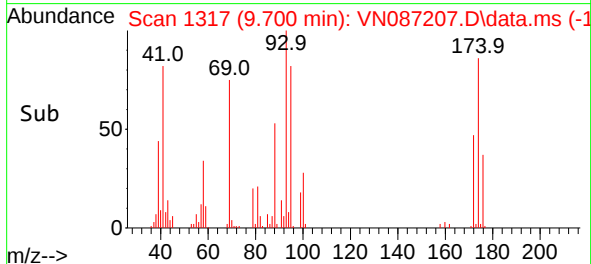
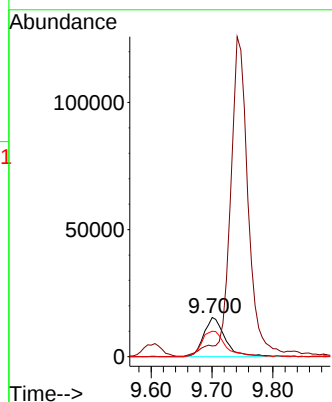
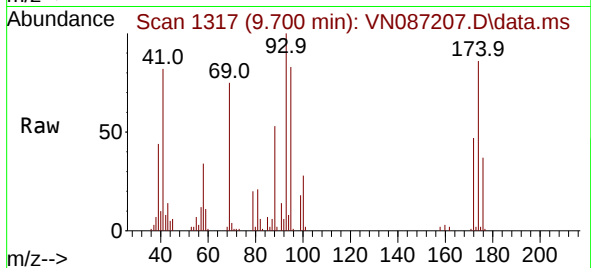
Tgt Ion: 88 Resp: 37532

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 72.9 59.2 88.8



#50

Toluene-d8

Concen: 45.065 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN087207.D

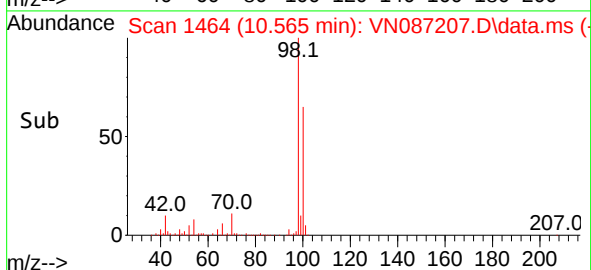
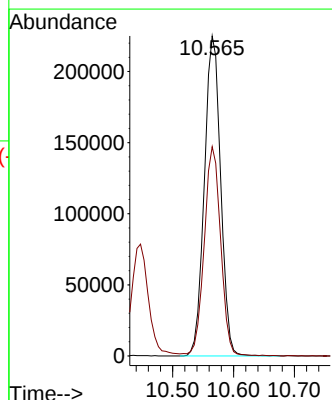
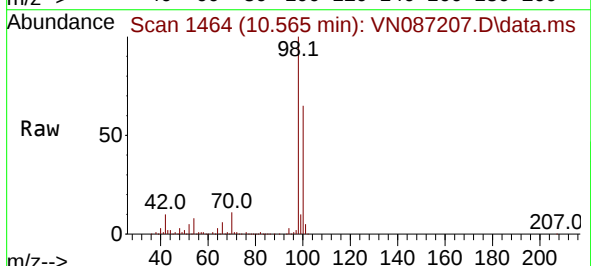
Acq: 27 Jun 2025 09:38

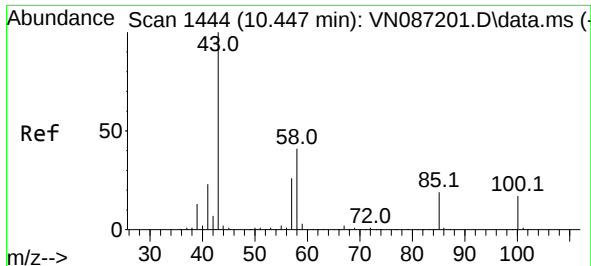
Tgt Ion: 98 Resp: 417885

Ion Ratio Lower Upper

98 100

100 65.8 52.7 79.1

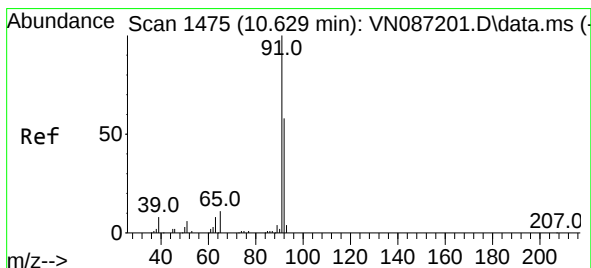
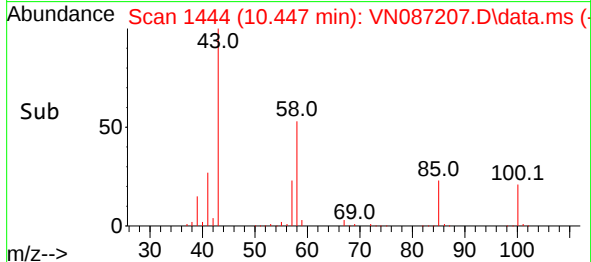
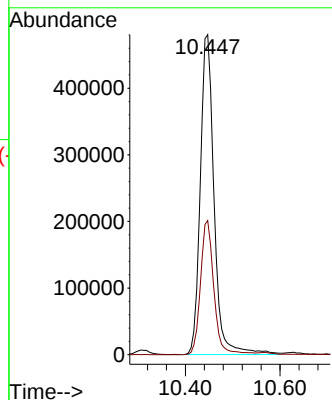
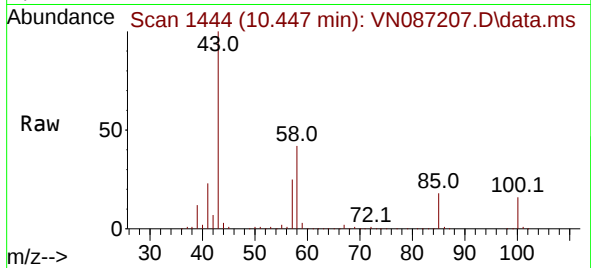




#51
4-Methyl-2-Pentanone
Concen: 227.287 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

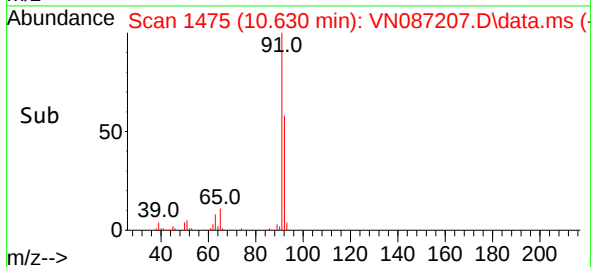
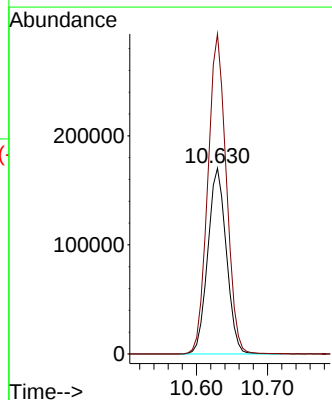
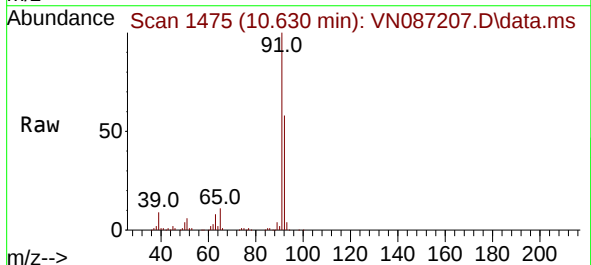
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

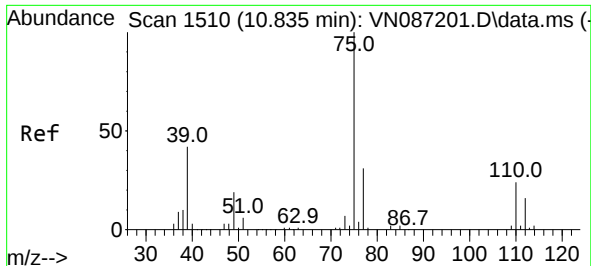
Tgt Ion: 43 Resp: 972855
Ion Ratio Lower Upper
43 100
58 40.6 32.6 48.8



#52
Toluene
Concen: 47.702 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

Tgt Ion: 92 Resp: 309441
Ion Ratio Lower Upper
92 100
91 171.6 138.2 207.2

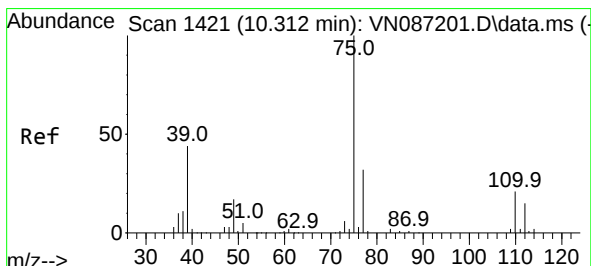
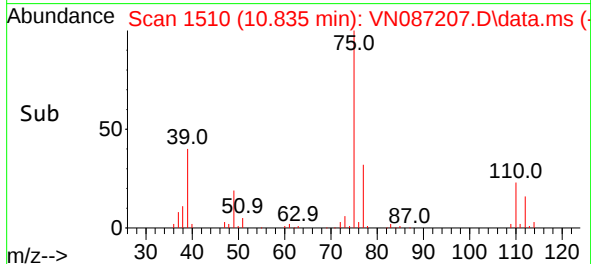
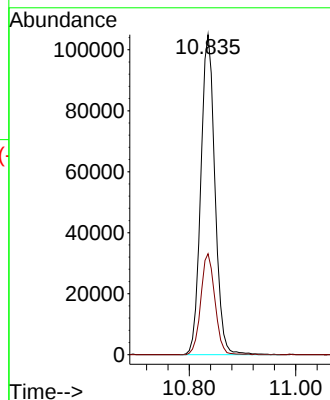
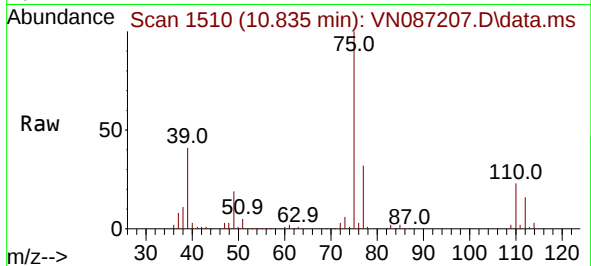




#53
t-1,3-Dichloropropene
Concen: 48.605 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

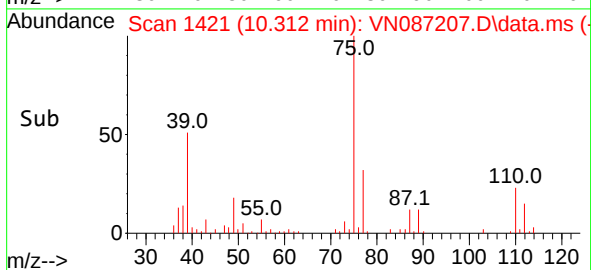
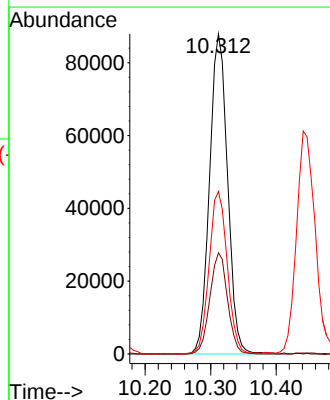
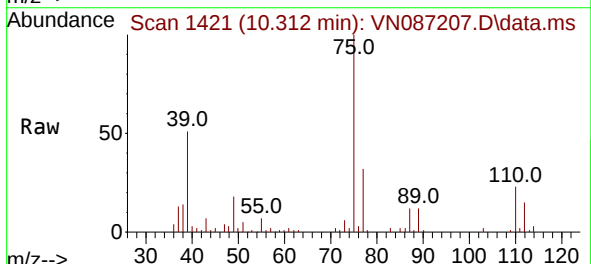
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

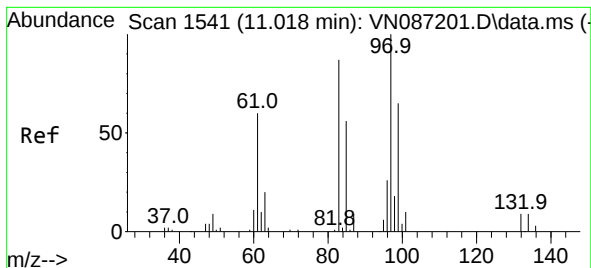
Tgt Ion: 75 Resp: 192927
Ion Ratio Lower Upper
75 100
77 31.6 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 39.686 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

Tgt Ion: 75 Resp: 167609
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2
39 50.8 34.9 52.3





#55

1,1,2-Trichloroethane

Concen: 44.749 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN087207.D

Acq: 27 Jun 2025 09:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 109786

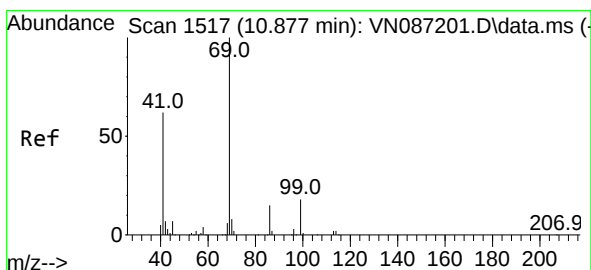
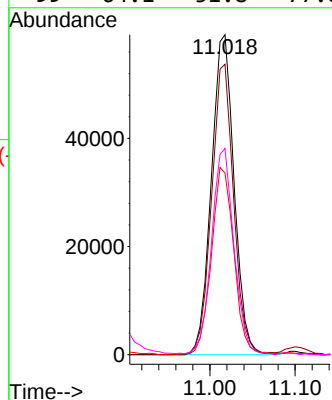
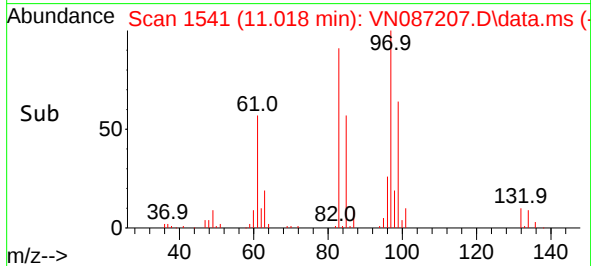
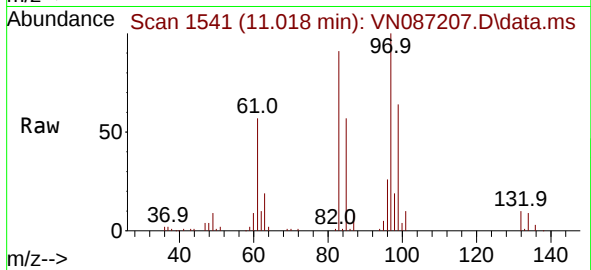
Ion Ratio Lower Upper

97 100

83 90.8 69.5 104.3

85 56.5 44.7 67.1

99 64.1 51.8 77.8



#56

Ethyl methacrylate

Concen: 46.613 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN087207.D

Acq: 27 Jun 2025 09:38

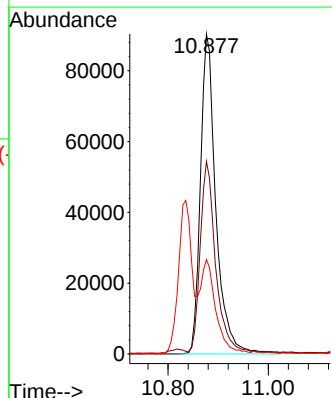
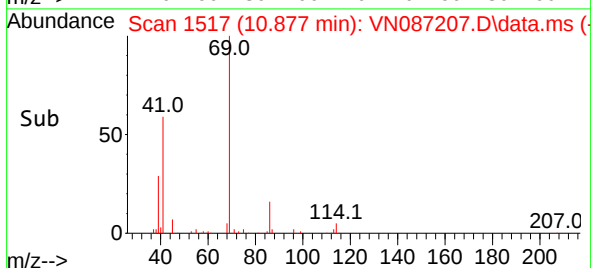
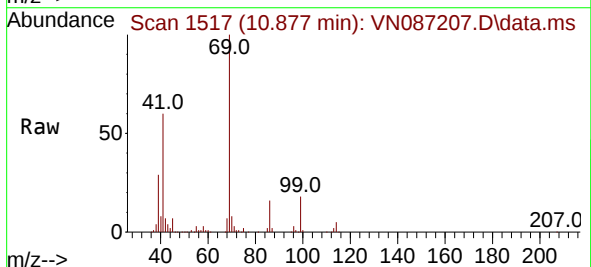
Tgt Ion: 69 Resp: 193089

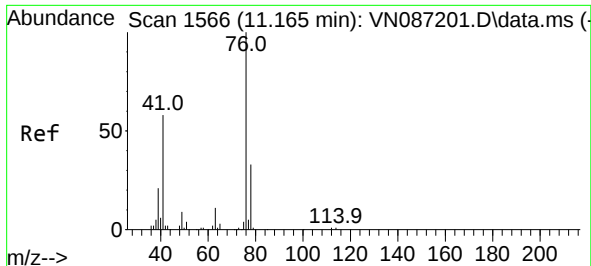
Ion Ratio Lower Upper

69 100

41 59.9 48.4 72.6

39 27.6 24.1 36.1

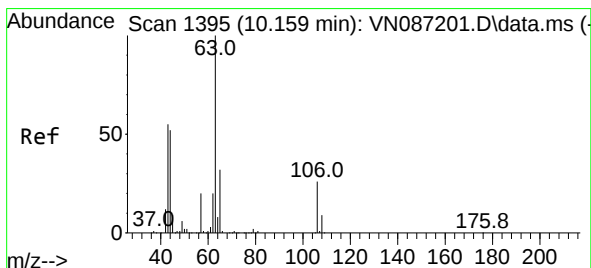
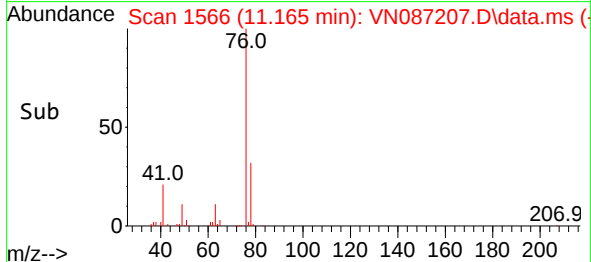
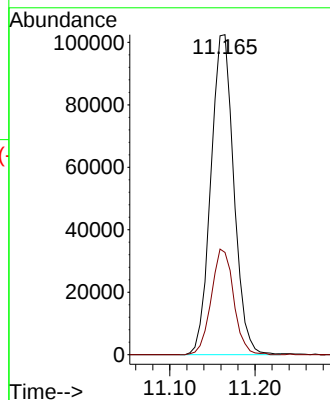
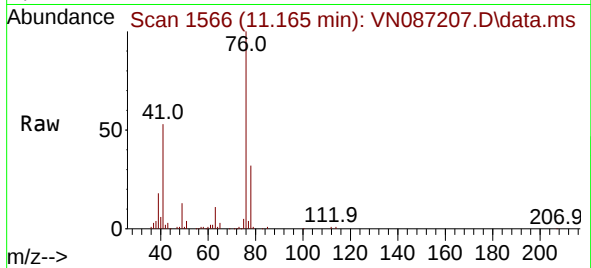




#57
1,3-Dichloropropane
Concen: 44.313 ug/l
RT: 11.165 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

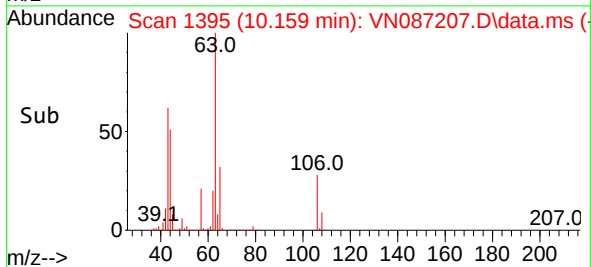
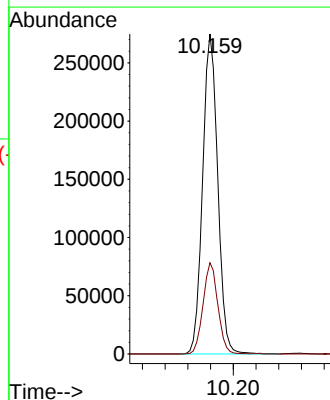
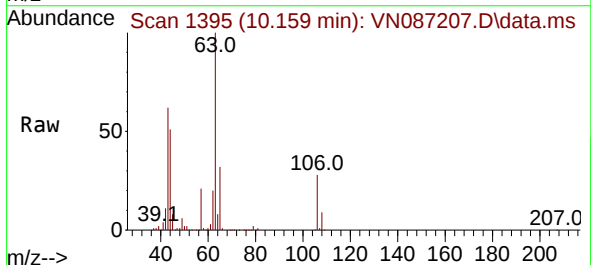
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

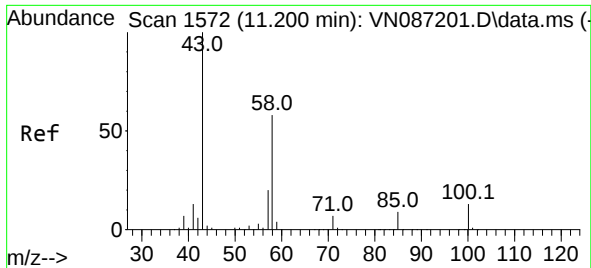
Tgt Ion: 76 Resp: 192076
Ion Ratio Lower Upper
76 100
78 32.2 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 226.389 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

Tgt Ion: 63 Resp: 506119
Ion Ratio Lower Upper
63 100
106 27.9 21.7 32.5

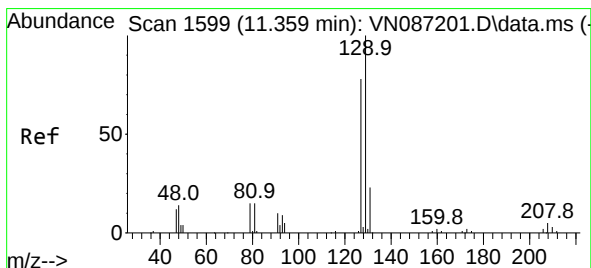
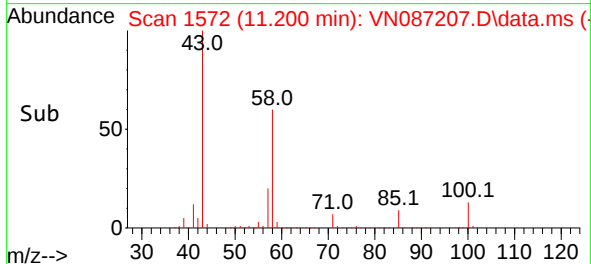
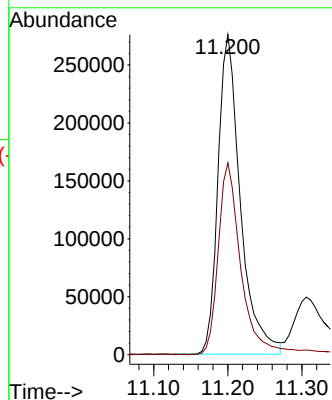
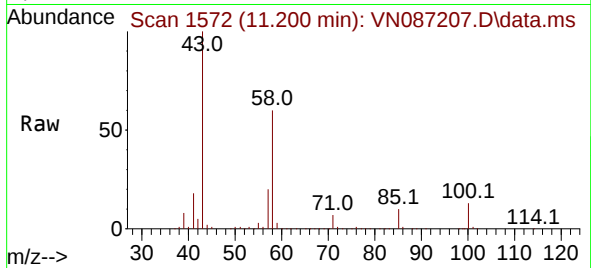




#59
2-Hexanone
Concen: 215.628 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

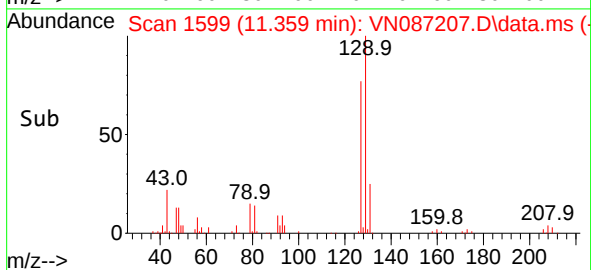
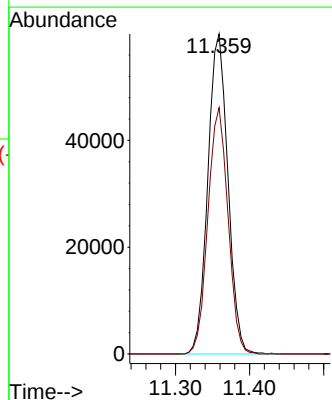
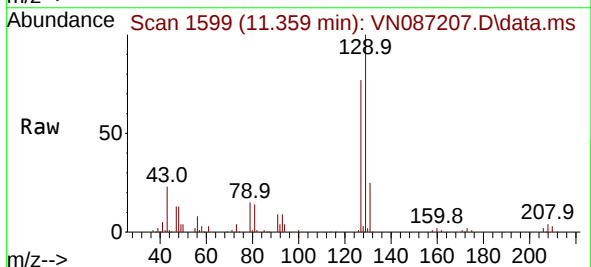
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

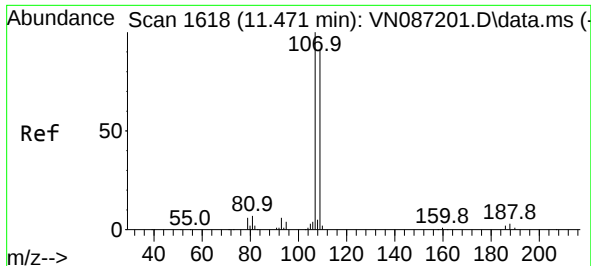
Tgt Ion: 43 Resp: 579172
Ion Ratio Lower Upper
43 100
58 62.6 31.1 93.3



#60
Dibromochloromethane
Concen: 42.241 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

Tgt Ion:129 Resp: 112706
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.6

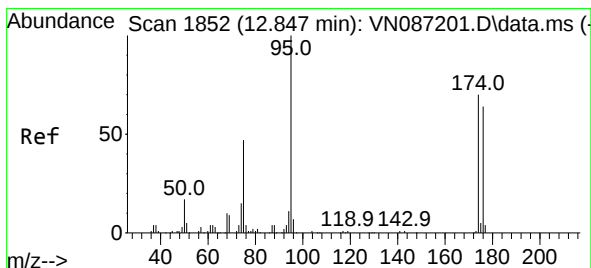
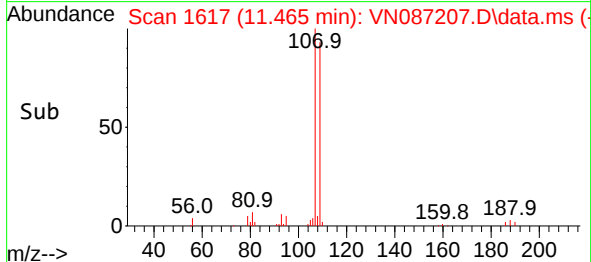
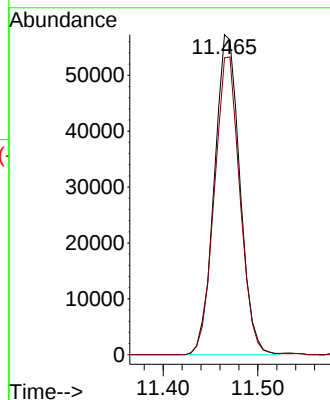
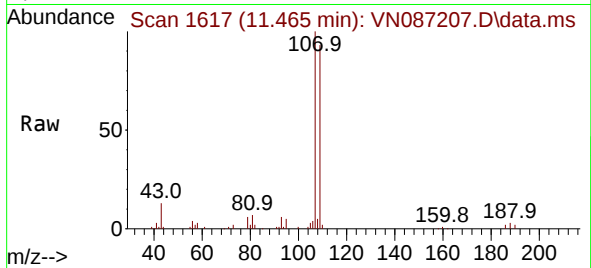




#61
1,2-Dibromoethane
Concen: 41.287 ug/l
RT: 11.465 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

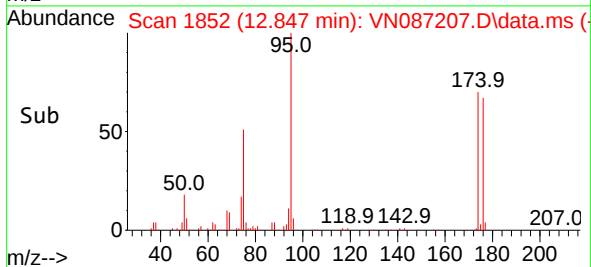
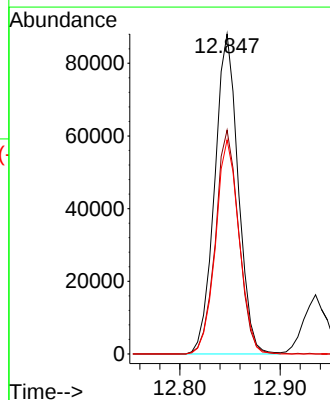
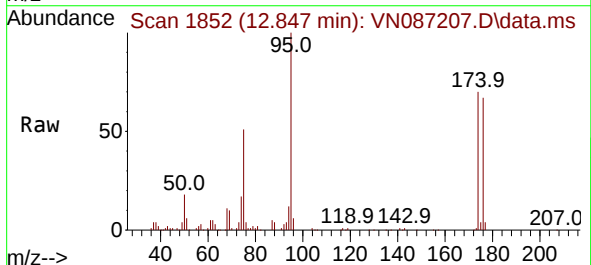
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

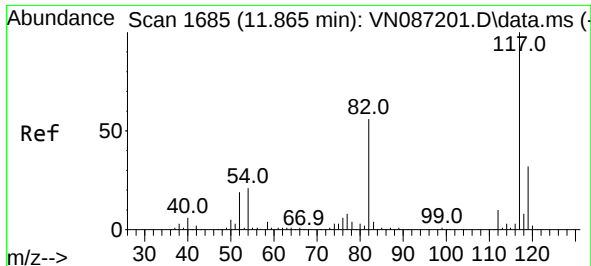
Tgt Ion:107 Resp: 107071
Ion Ratio Lower Upper
107 100
109 93.3 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 44.630 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

Tgt Ion: 95 Resp: 143604
Ion Ratio Lower Upper
95 100
174 69.1 0.0 142.2
176 66.8 0.0 134.8

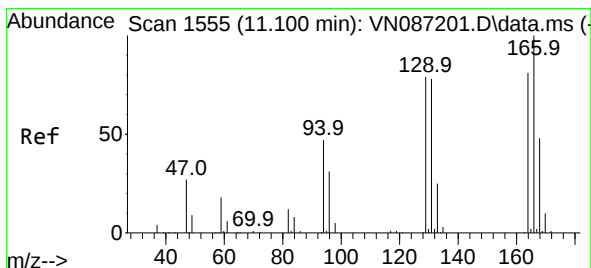
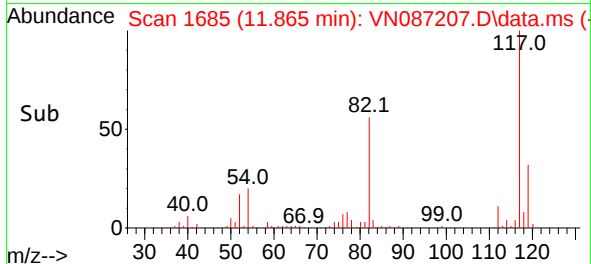
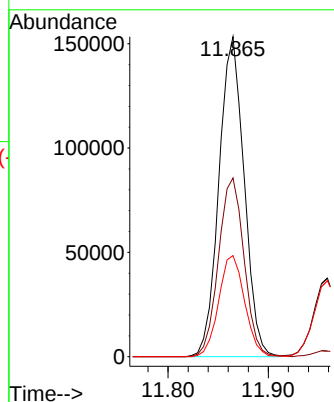
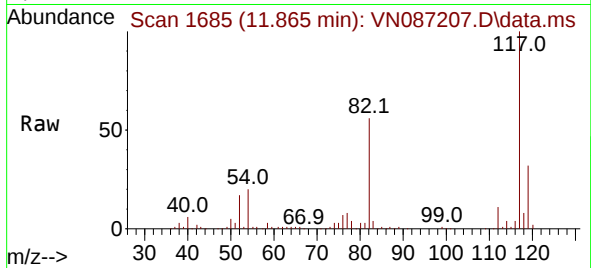




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

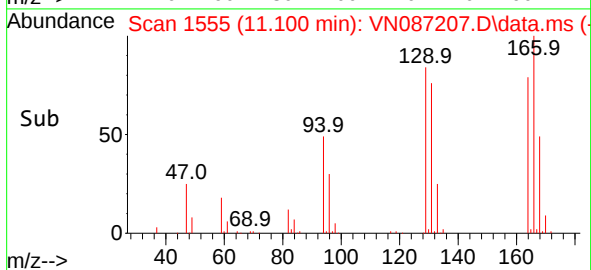
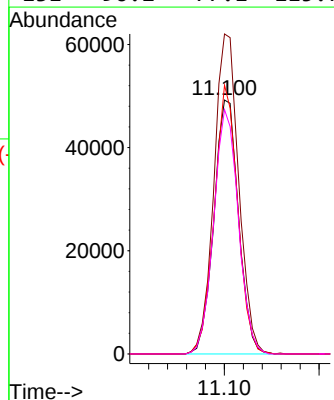
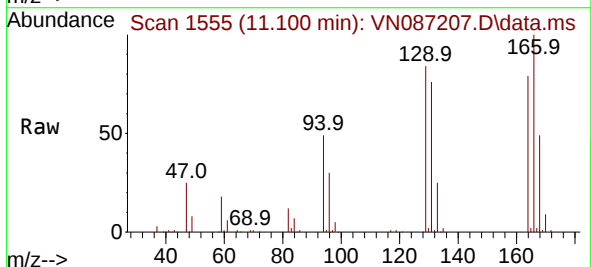
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

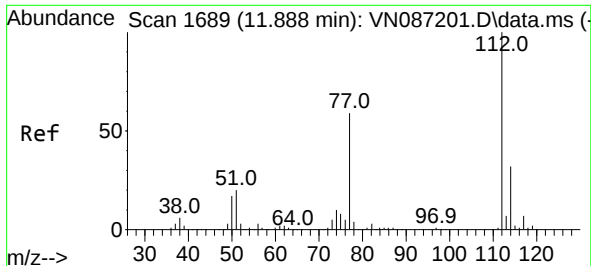
Tgt Ion:117 Resp: 266770
Ion Ratio Lower Upper
117 100
82 55.9 45.0 67.4
119 31.6 25.9 38.9



#64
Tetrachloroethene
Concen: 54.333 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

Tgt Ion:164 Resp: 88713
Ion Ratio Lower Upper
164 100
166 126.0 98.8 148.2
129 105.9 78.3 117.5
131 96.2 77.1 115.7

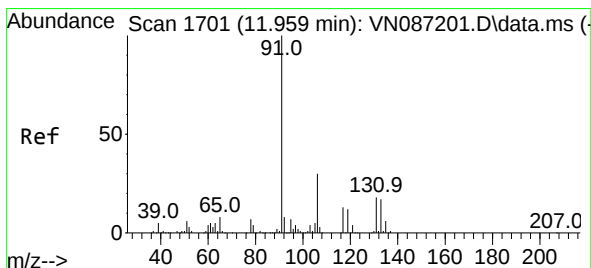
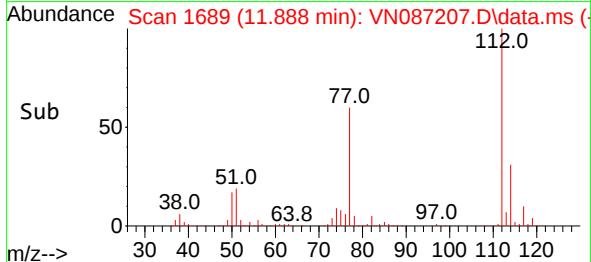
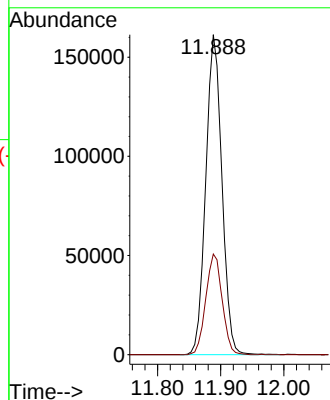
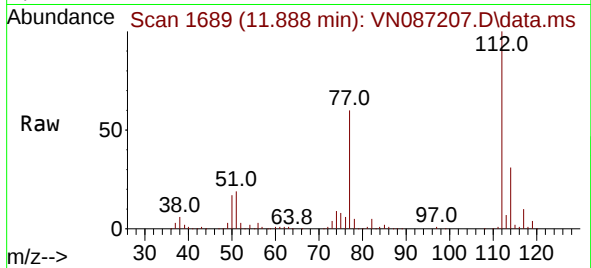




#65
Chlorobenzene
Concen: 48.439 ug/l
RT: 11.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

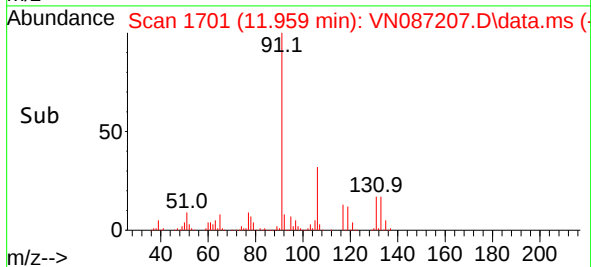
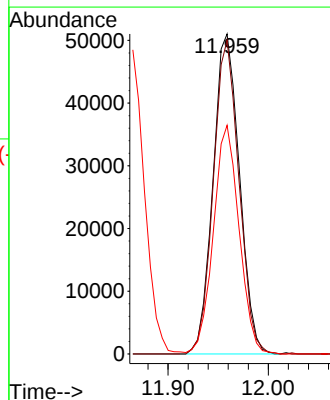
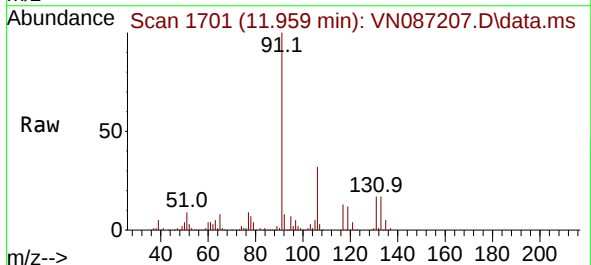
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

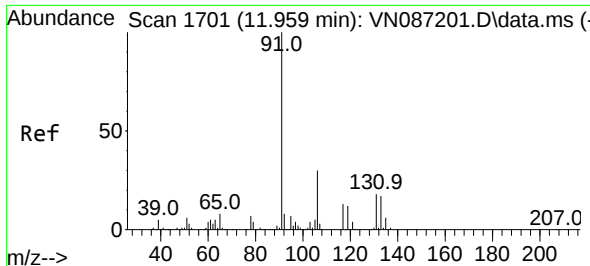
Tgt Ion:112 Resp: 286618
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.367 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

Tgt Ion:131 Resp: 93305
Ion Ratio Lower Upper
131 100
133 95.3 47.9 143.6
119 69.6 34.6 103.9

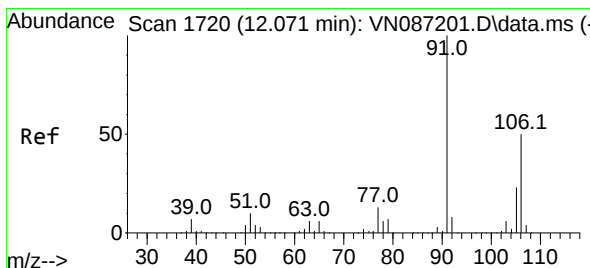
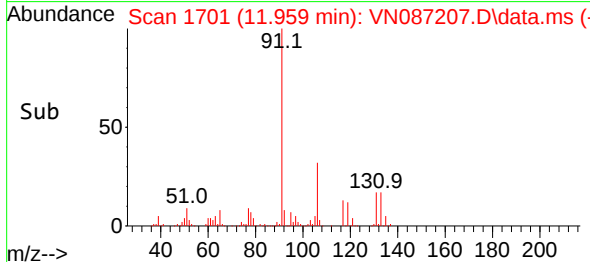
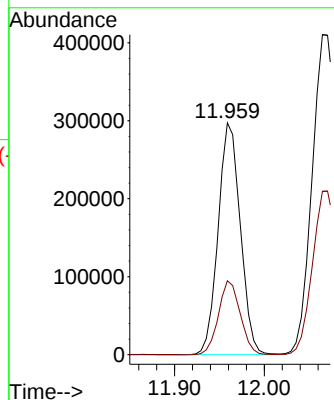
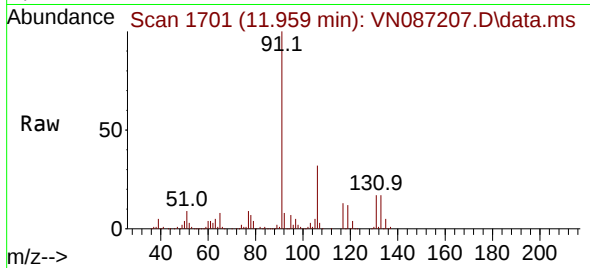




#67
Ethyl Benzene
Concen: 51.734 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

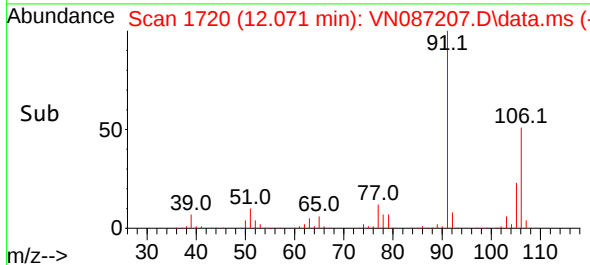
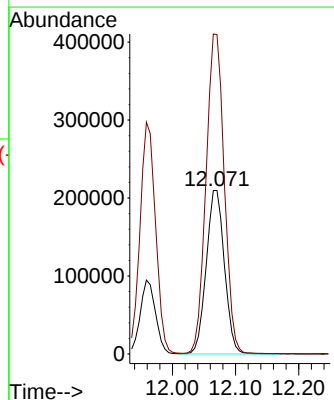
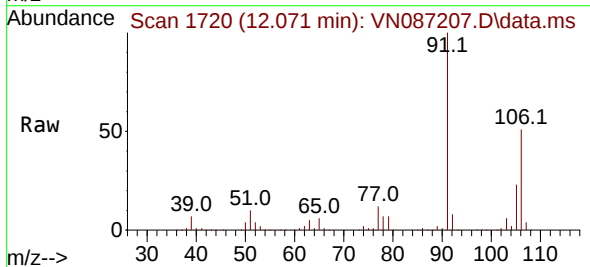
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

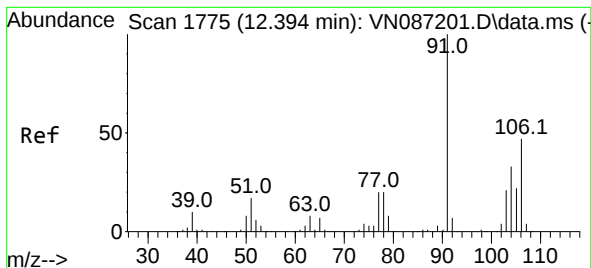
Tgt Ion: 91 Resp: 510538
Ion Ratio Lower Upper
91 100
106 31.9 24.2 36.2



#68
m/p-Xylenes
Concen: 110.822 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

Tgt Ion:106 Resp: 418462
Ion Ratio Lower Upper
106 100
91 196.8 161.0 241.6





#69

o-Xylene

Concen: 55.876 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN087207.D

Acq: 27 Jun 2025 09:38

Instrument :

MSVOA_N

ClientSampleId :

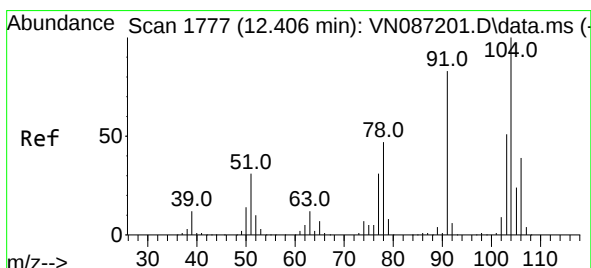
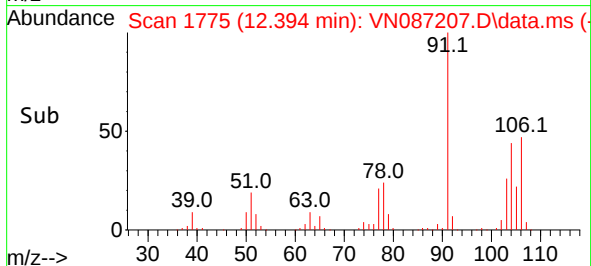
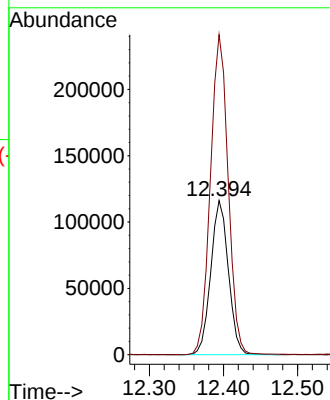
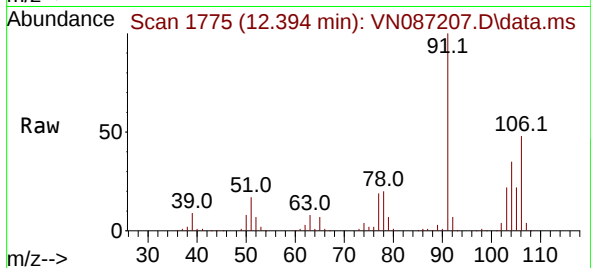
VSTDCCC050

Tgt Ion:106 Resp: 191799

Ion Ratio Lower Upper

106 100

91 209.6 106.7 320.1



#70

Styrene

Concen: 54.480 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN087207.D

Acq: 27 Jun 2025 09:38

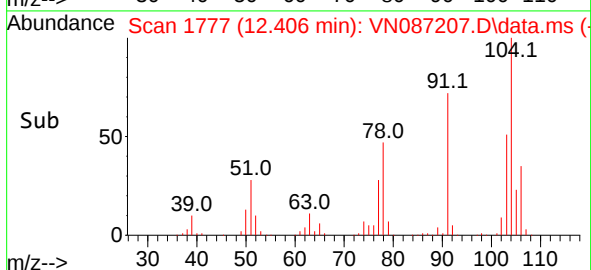
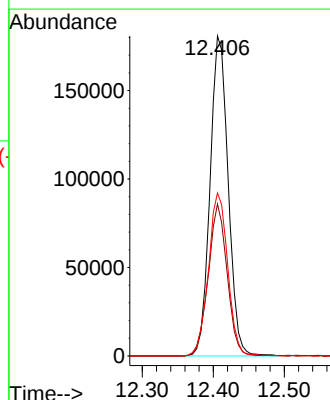
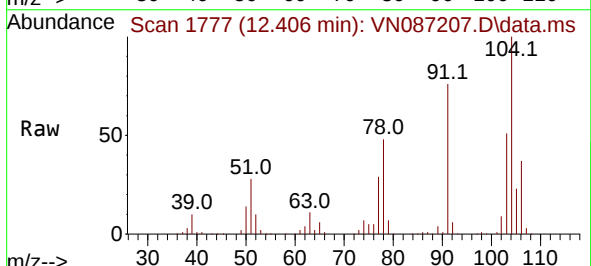
Tgt Ion:104 Resp: 320979

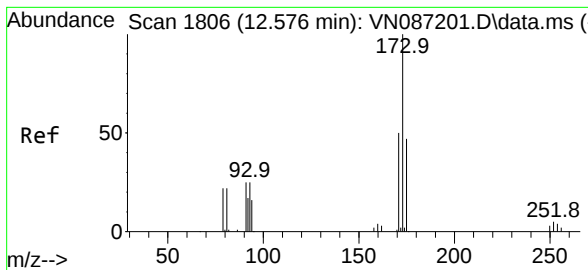
Ion Ratio Lower Upper

104 100

78 49.4 39.3 58.9

103 54.3 43.8 65.6

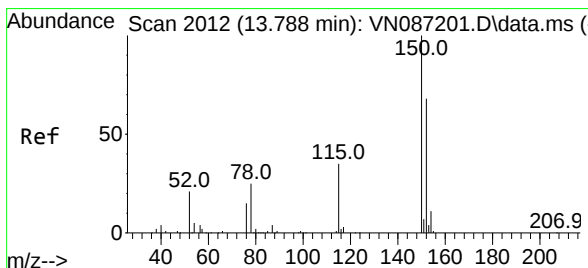
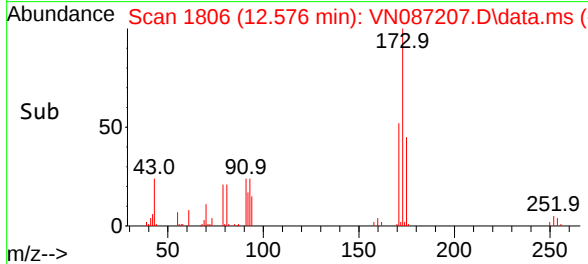
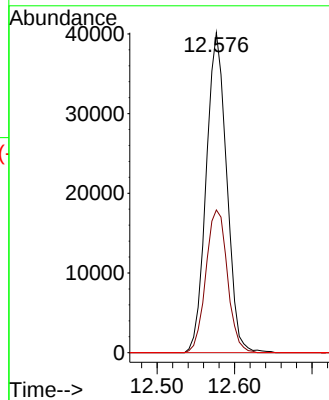
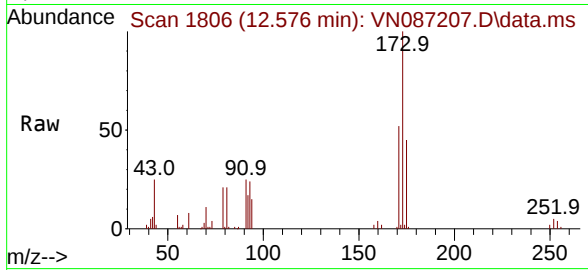




#71
Bromoform
Concen: 52.493 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

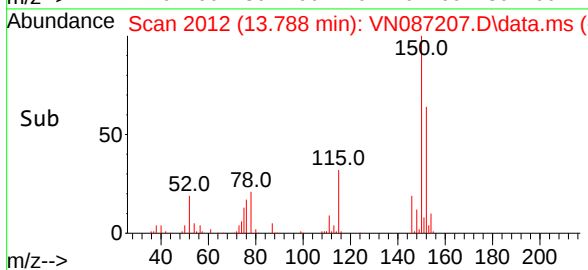
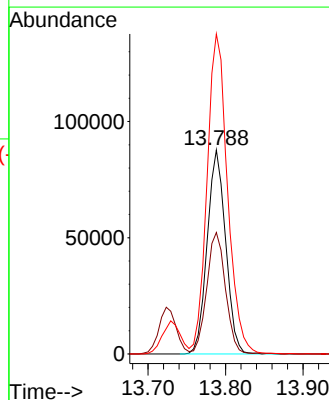
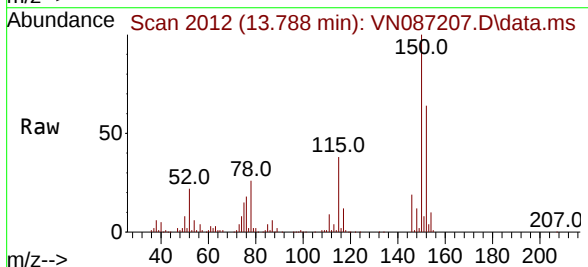
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

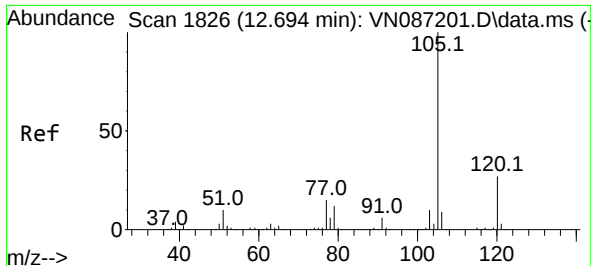
Tgt Ion:173 Resp: 73630
Ion Ratio Lower Upper
173 100
175 46.9 23.8 71.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

Tgt Ion:152 Resp: 145043
Ion Ratio Lower Upper
152 100
115 60.5 30.6 91.8
150 174.5 0.0 347.8

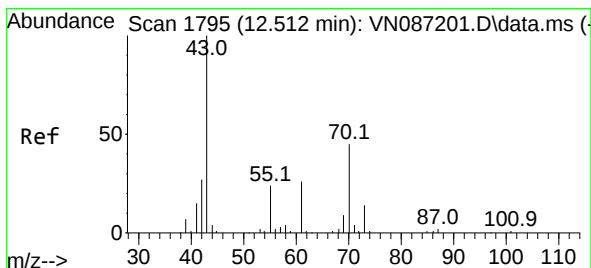
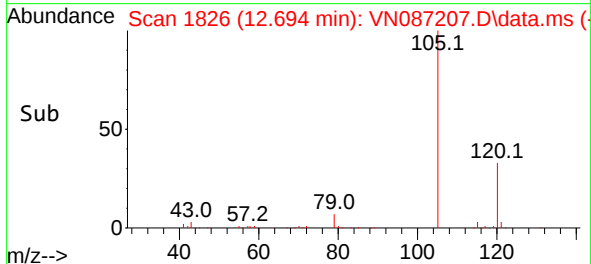
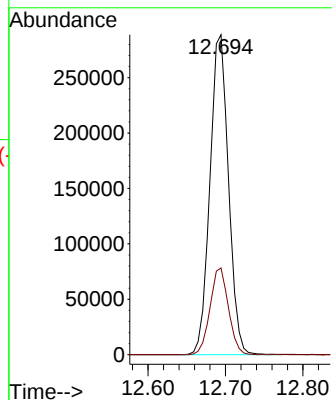
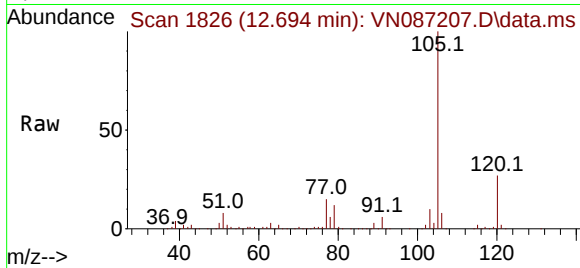




#73
Isopropylbenzene
Concen: 48.844 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

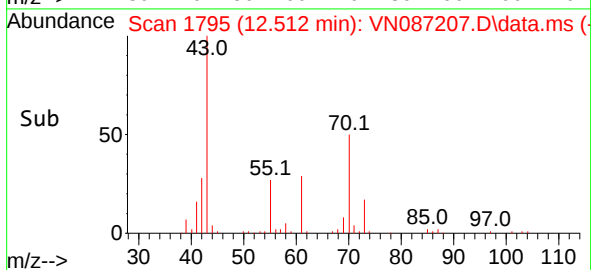
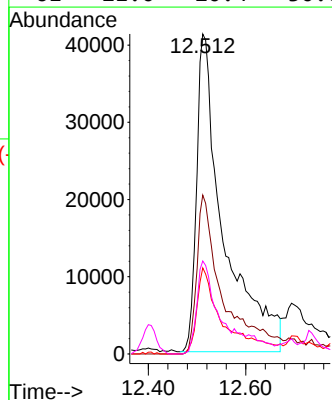
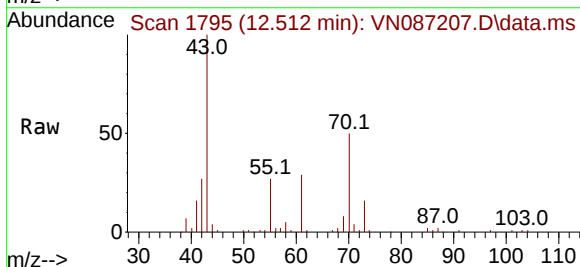
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

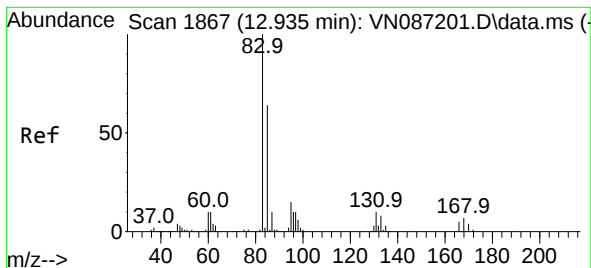
Tgt Ion:105 Resp: 479587
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.2



#74
N-ethyl acetate
Concen: 43.479 ug/l
RT: 12.512 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

Tgt Ion: 43 Resp: 158850
Ion Ratio Lower Upper
43 100
70 48.9 32.8 49.2
55 26.2 16.4 24.6#
61 21.0 20.4 30.6

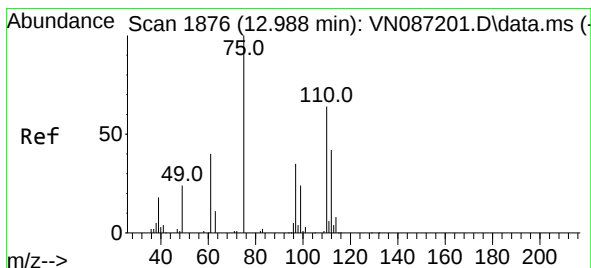
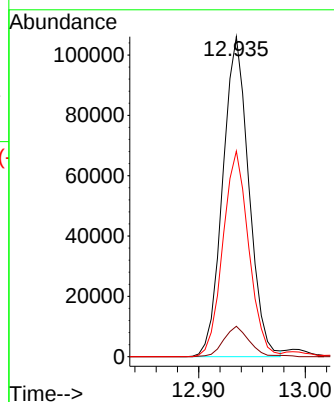
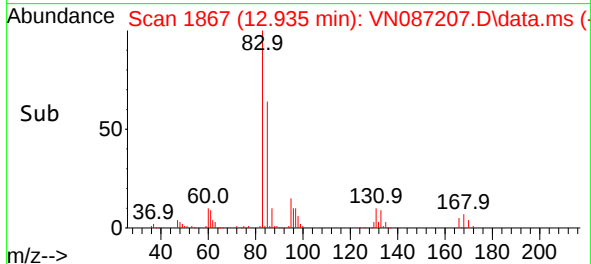
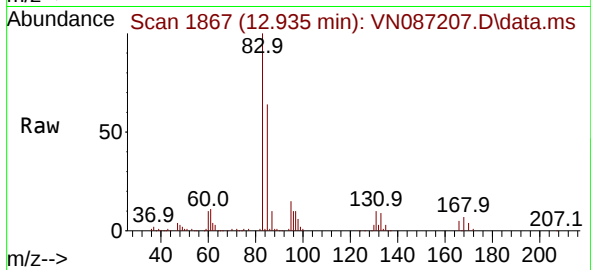




#75
1,1,2,2-Tetrachloroethane
Concen: 50.947 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

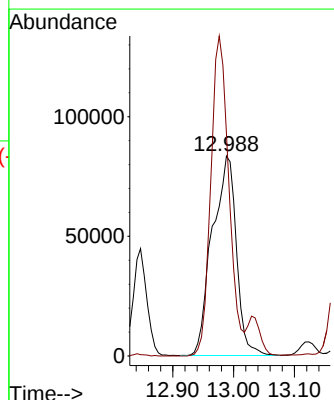
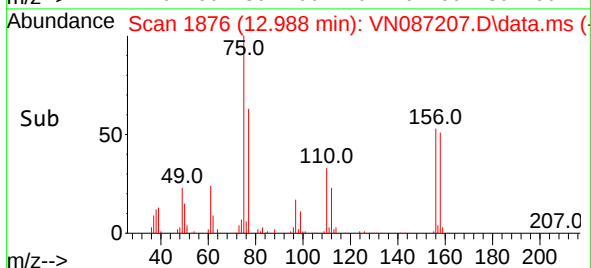
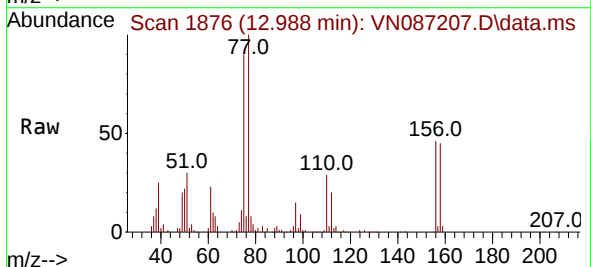
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

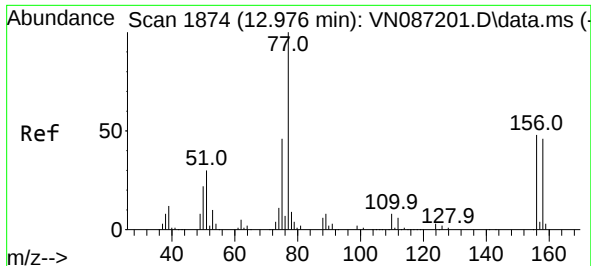
Tgt Ion: 83 Resp: 180170
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.4
85 63.8 32.1 96.5



#76
1,2,3-Trichloropropane
Concen: 70.751 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

Tgt Ion: 75 Resp: 228956
Ion Ratio Lower Upper
75 100
77 120.7 85.5 256.6

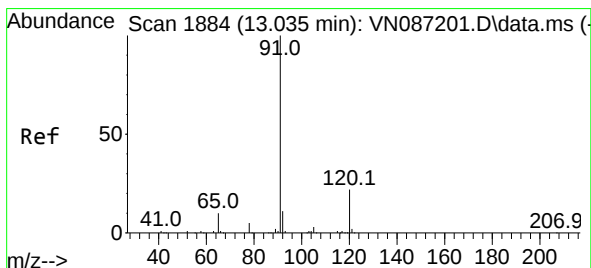
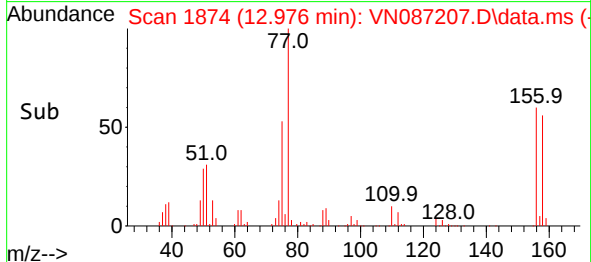
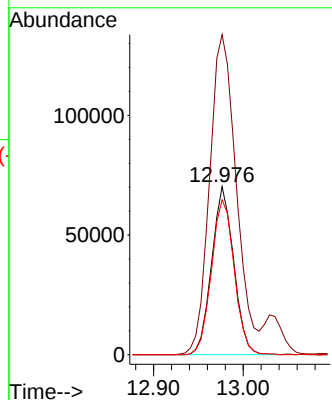
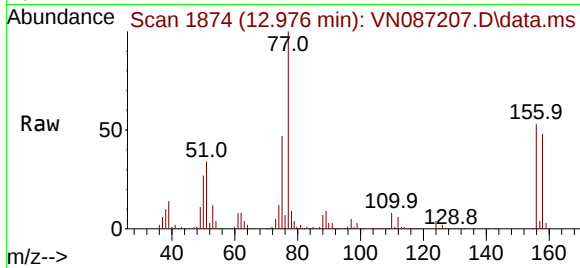




#77
Bromobenzene
Concen: 50.161 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

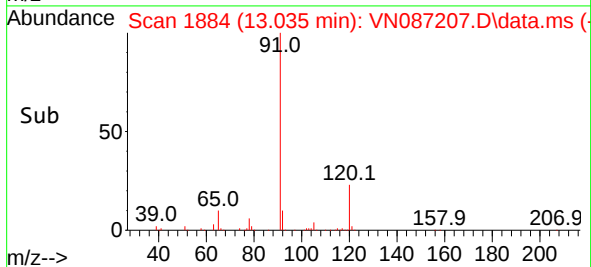
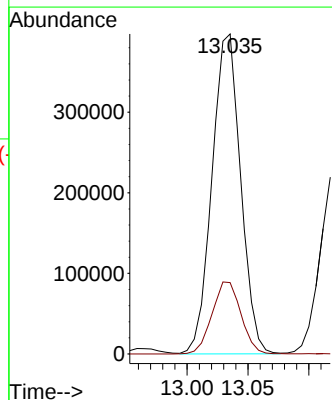
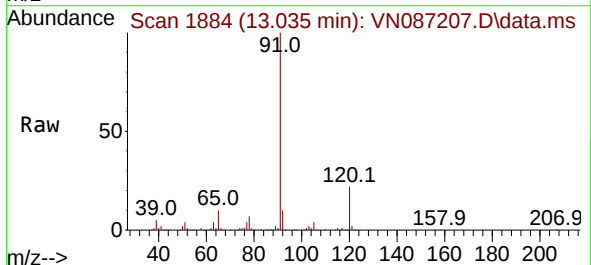
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

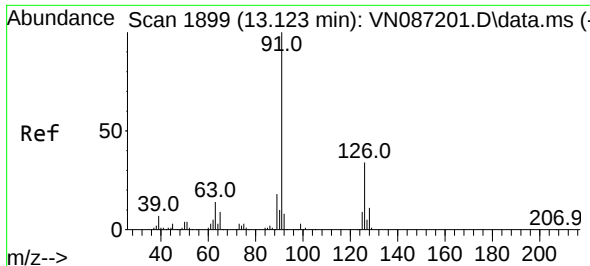
Tgt Ion:156 Resp: 119698
Ion Ratio Lower Upper
156 100
77 230.8 119.6 358.9
158 95.4 48.6 145.9



#78
n-propylbenzene
Concen: 53.770 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

Tgt Ion: 91 Resp: 650266
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4

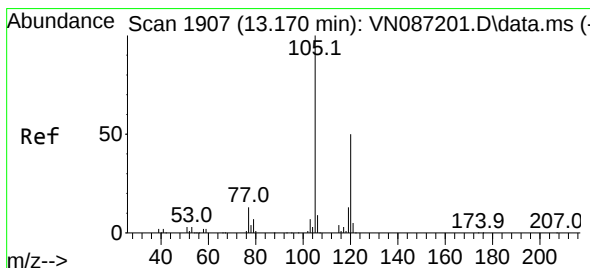
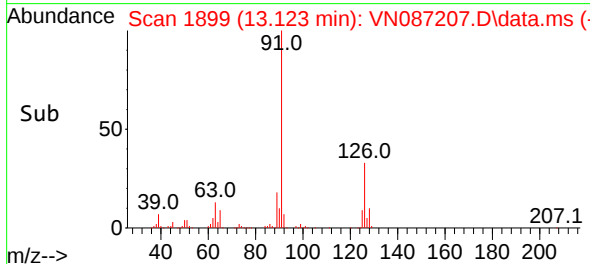
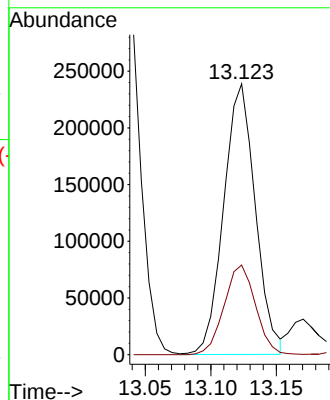
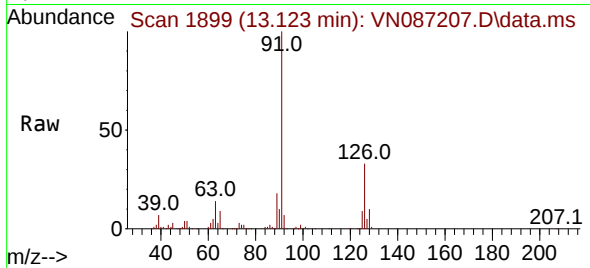




#79
2-Chlorotoluene
Concen: 53.267 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

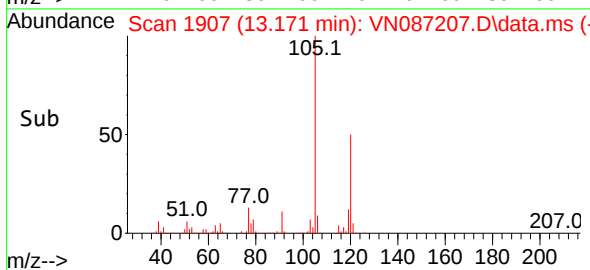
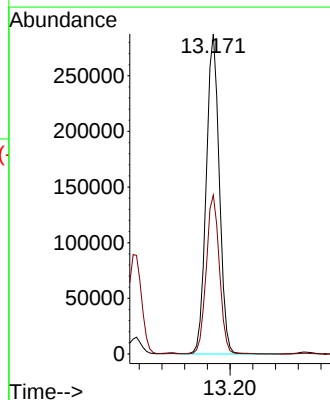
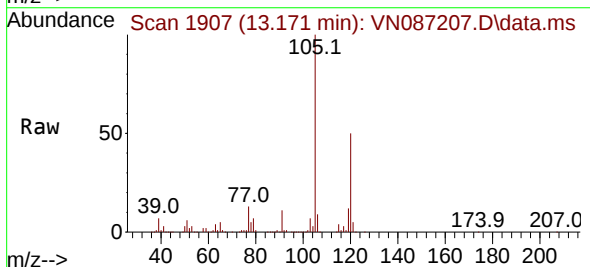
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

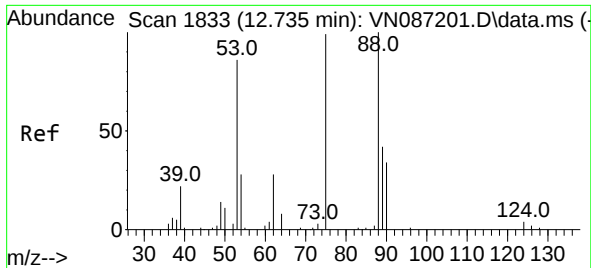
Tgt Ion: 91 Resp: 401018
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 56.362 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

Tgt Ion: 105 Resp: 456859
Ion Ratio Lower Upper
105 100
120 49.9 25.1 75.3

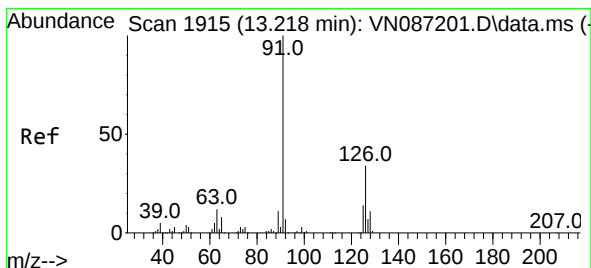
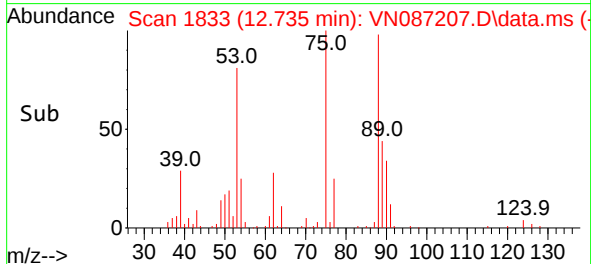
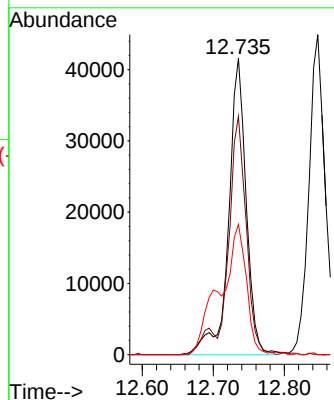
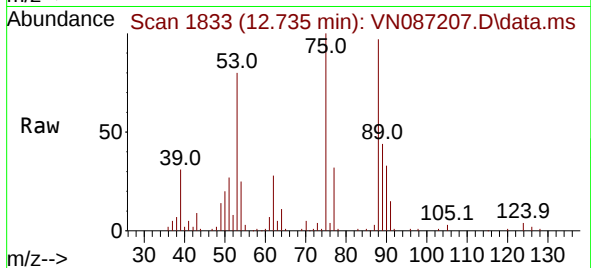




#81
trans-1,4-Dichloro-2-butene
Concen: 49.713 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

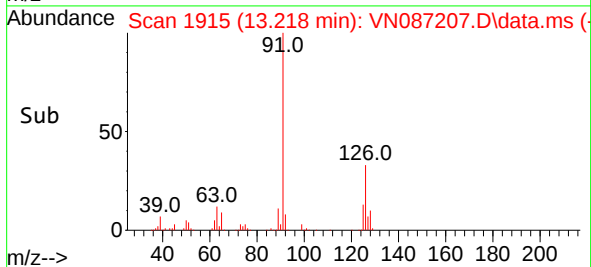
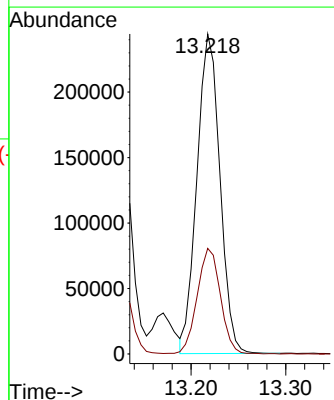
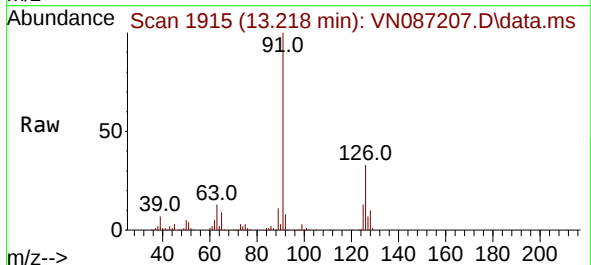
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

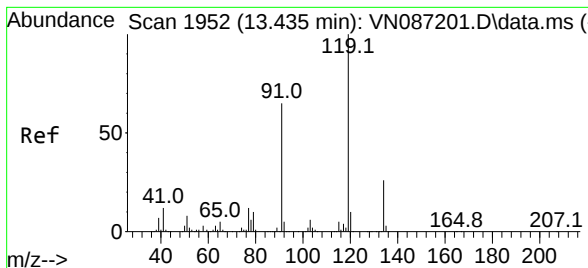
Tgt Ion: 75 Resp: 71679
Ion Ratio Lower Upper
75 100
53 74.4 71.4 107.0
89 65.9 37.9 56.9#



#82
4-Chlorotoluene
Concen: 54.769 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

Tgt Ion: 91 Resp: 411054
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.1

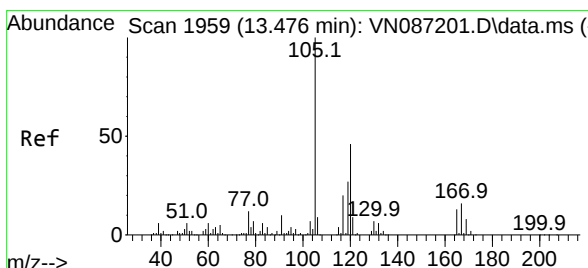
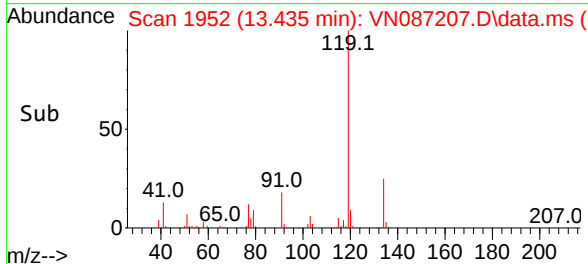
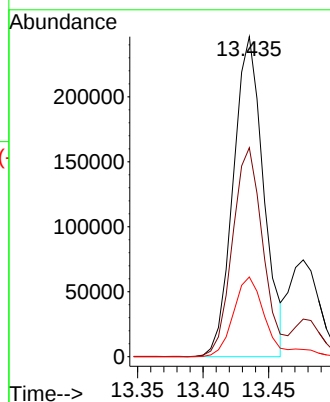
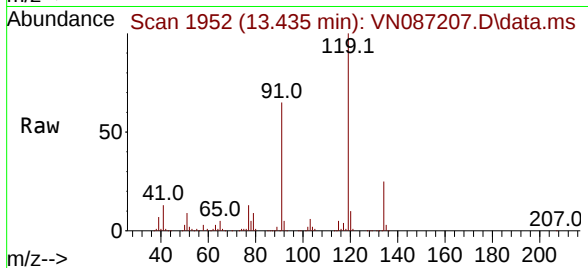




#83
tert-Butylbenzene
Concen: 57.016 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

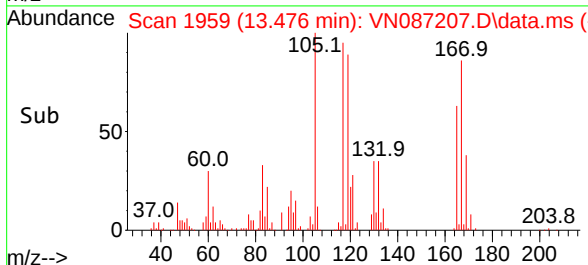
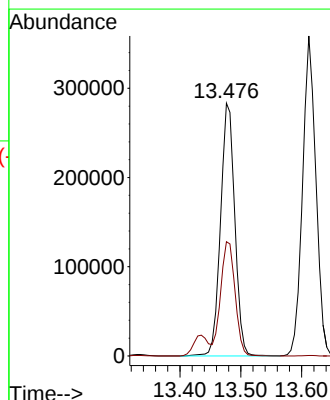
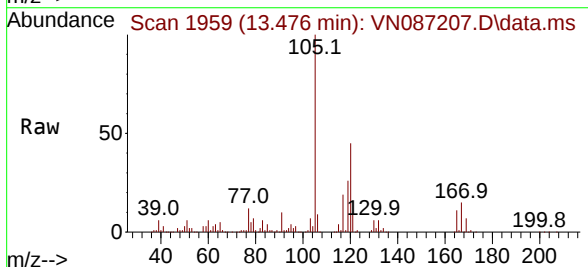
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

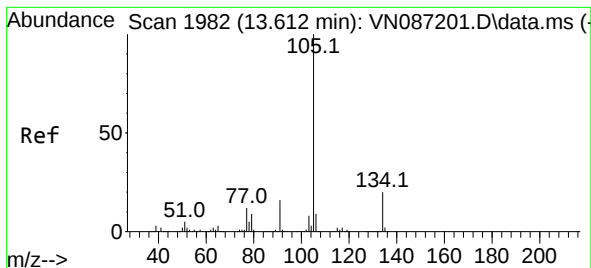
Tgt Ion:119 Resp: 396989
Ion Ratio Lower Upper
119 100
91 66.2 32.9 98.7
134 26.9 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 56.033 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

Tgt Ion:105 Resp: 460868
Ion Ratio Lower Upper
105 100
120 45.6 22.9 68.8





#85

sec-Butylbenzene

Concen: 53.236 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VN087207.D

Acq: 27 Jun 2025 09:38

Instrument :

MSVOA_N

ClientSampleId :

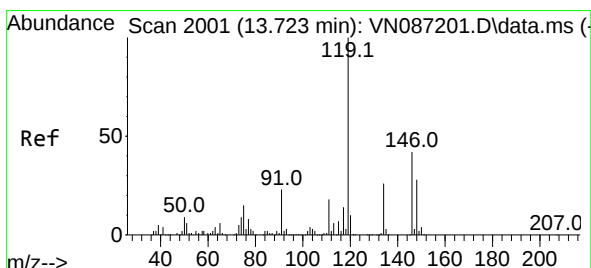
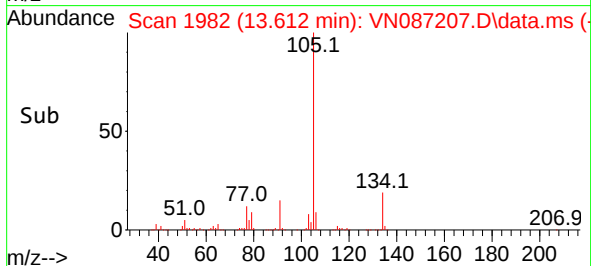
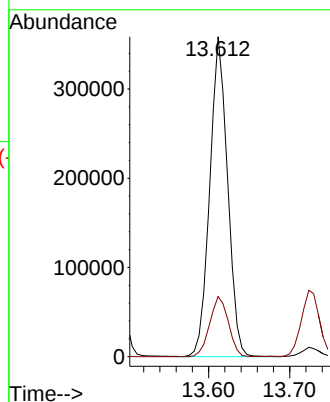
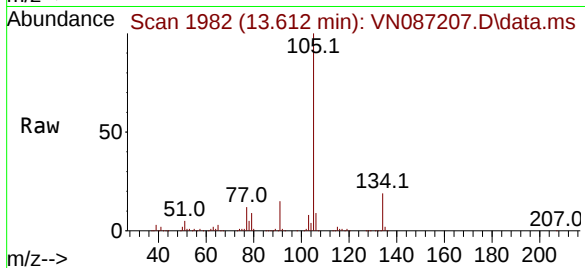
VSTDCCC050

Tgt Ion:105 Resp: 546098

Ion Ratio Lower Upper

105 100

134 19.7 9.9 29.7



#86

p-Isopropyltoluene

Concen: 51.637 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VN087207.D

Acq: 27 Jun 2025 09:38

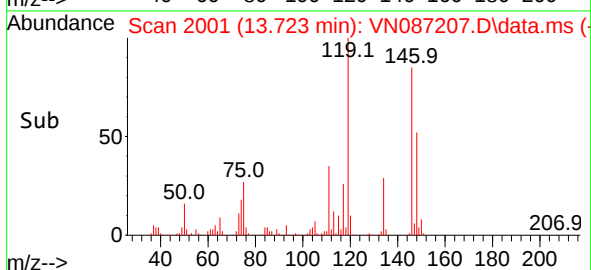
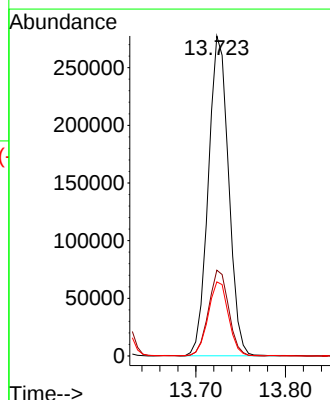
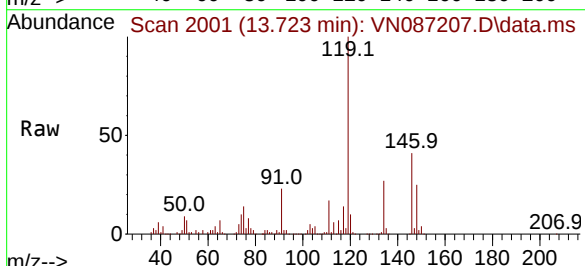
Tgt Ion:119 Resp: 434432

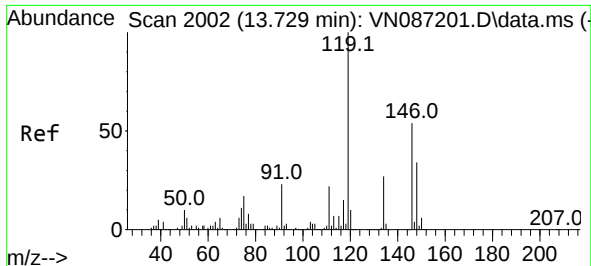
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

91 23.1 11.5 34.4

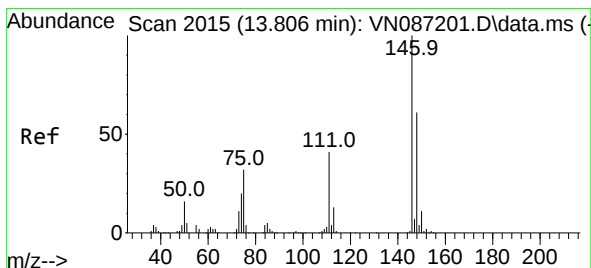
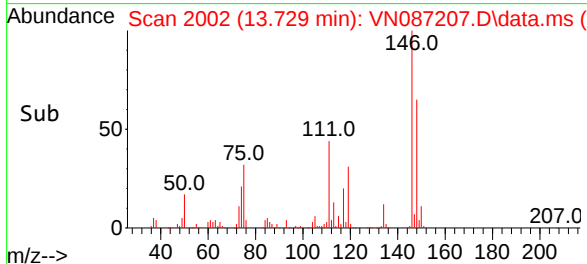
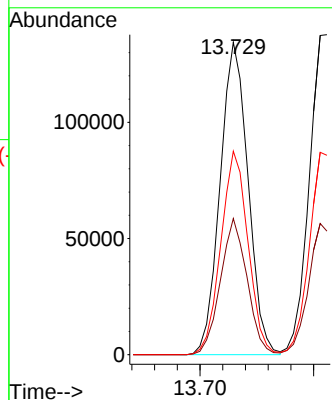
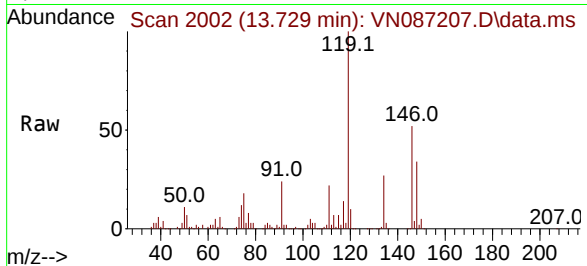




#87
1,3-Dichlorobenzene
Concen: 47.828 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

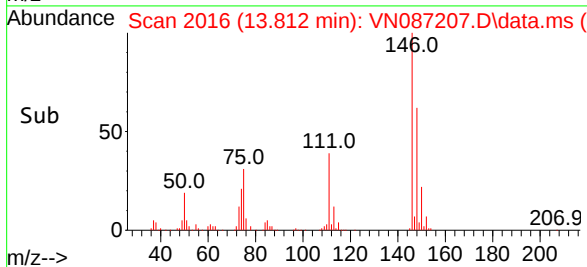
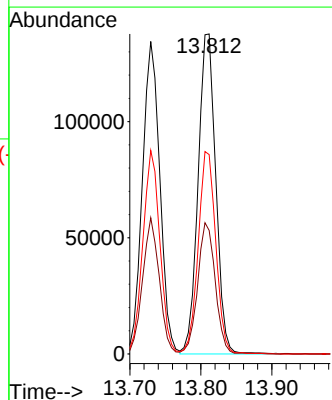
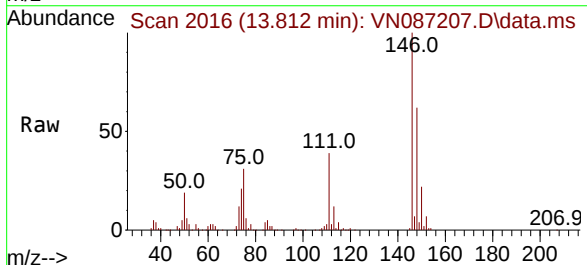
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

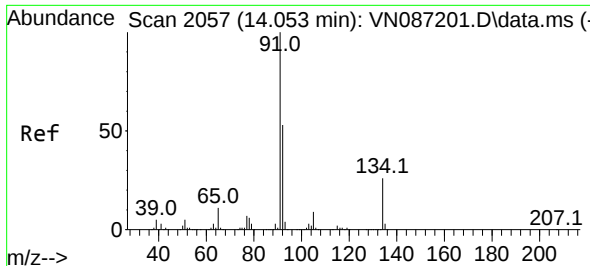
Tgt Ion:146 Resp: 229664
Ion Ratio Lower Upper
146 100
111 41.7 21.1 63.4
148 63.5 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 48.517 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

Tgt Ion:146 Resp: 239538
Ion Ratio Lower Upper
146 100
111 40.2 19.9 59.6
148 62.9 31.4 94.0

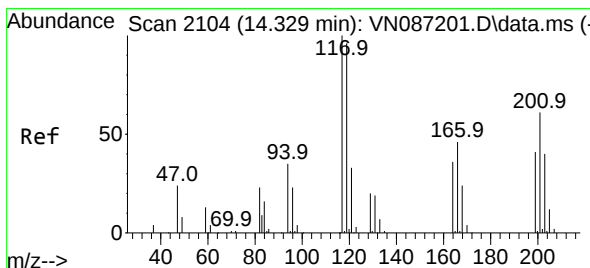
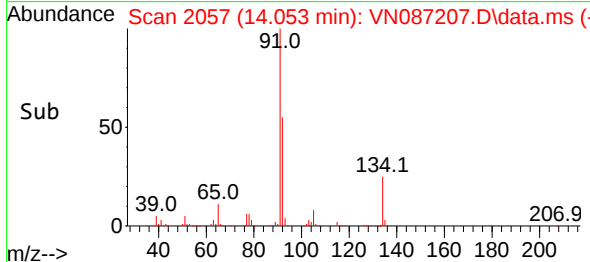
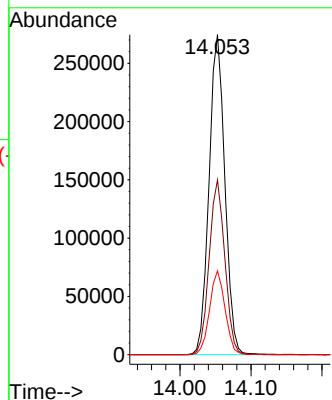
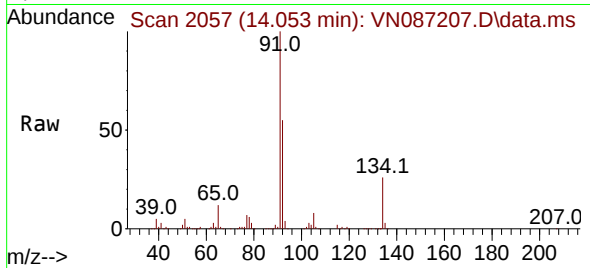




#89
n-Butylbenzene
Concen: 54.463 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

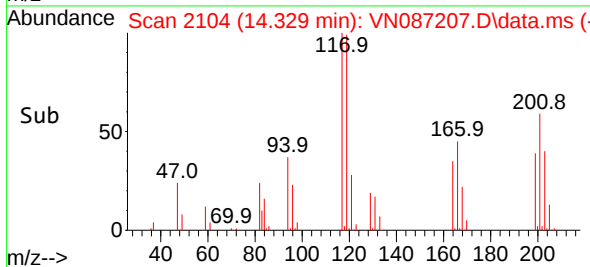
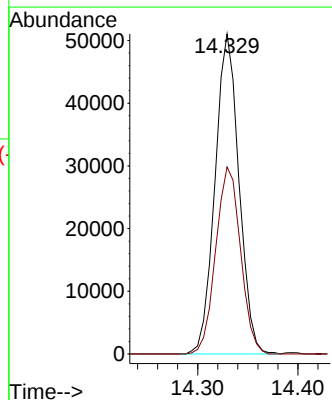
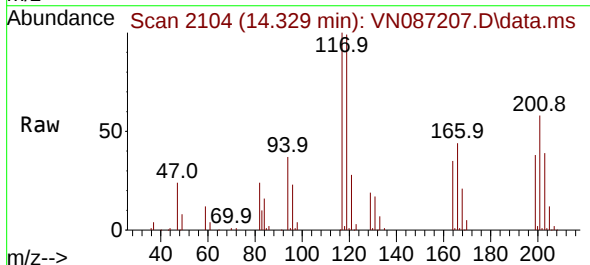
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

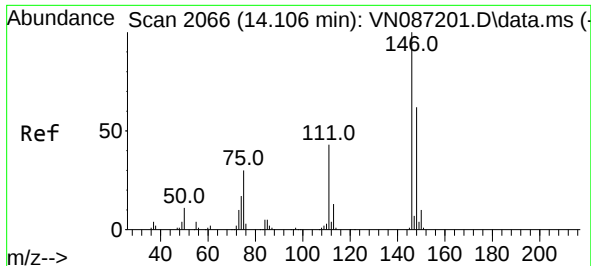
Tgt Ion: 91 Resp: 425725
Ion Ratio Lower Upper
91 100
92 54.1 26.9 80.7
134 25.7 12.8 38.4



#90
Hexachloroethane
Concen: 51.982 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN087207.D
Acq: 27 Jun 2025 09:38

Tgt Ion: 117 Resp: 84633
Ion Ratio Lower Upper
117 100
201 60.5 31.8 95.3

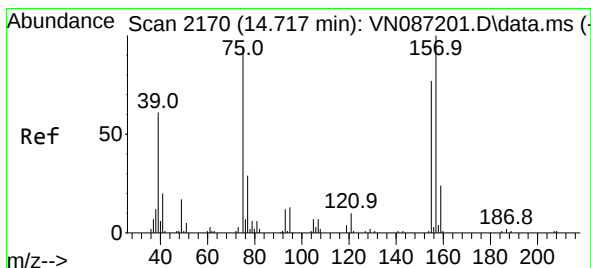
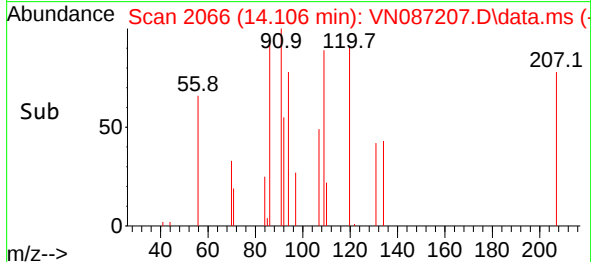
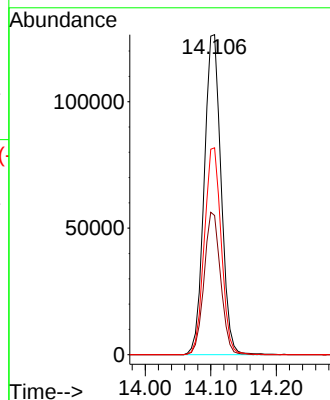
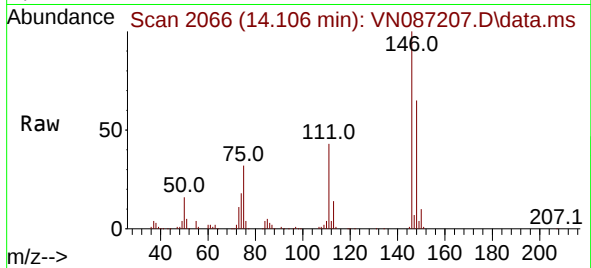




#91
 1,2-Dichlorobenzene
 Concen: 50.057 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN087207.D
 Acq: 27 Jun 2025 09:38

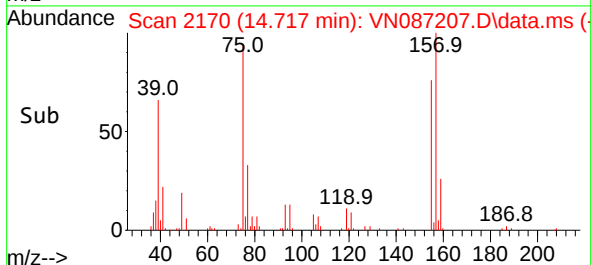
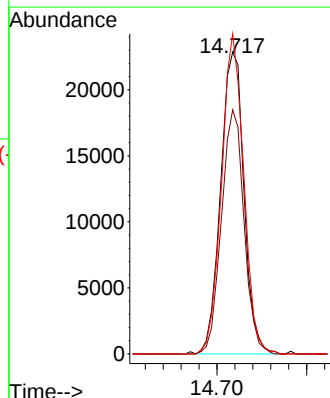
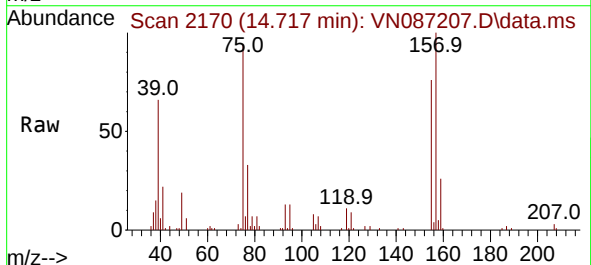
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

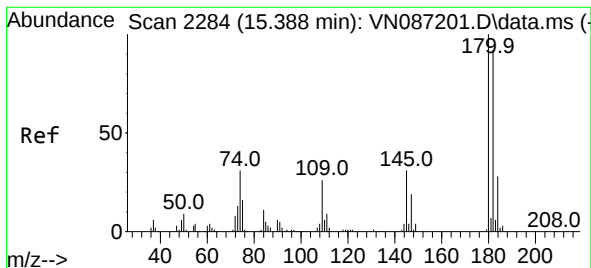
Tgt Ion:146 Resp: 226384
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.4 64.2
 148 64.7 31.5 94.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.091 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. 0.000 min
 Lab File: VN087207.D
 Acq: 27 Jun 2025 09:38

Tgt Ion: 75 Resp: 41245
 Ion Ratio Lower Upper
 75 100
 155 78.3 39.4 118.1
 157 100.5 51.1 153.4





#93

1,2,4-Trichlorobenzene

Concen: 48.792 ug/l

RT: 15.388 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087207.D

Acq: 27 Jun 2025 09:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

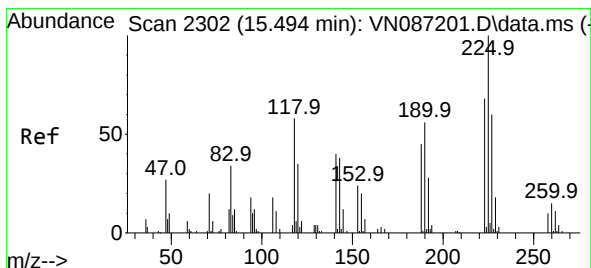
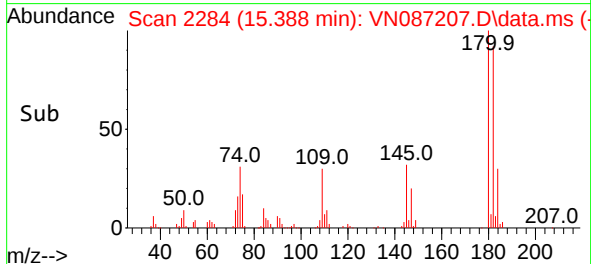
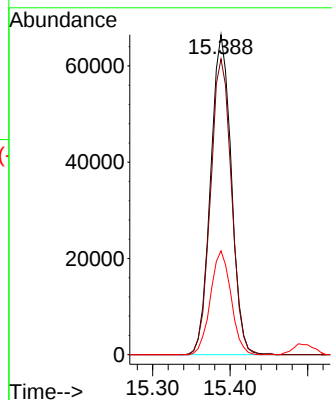
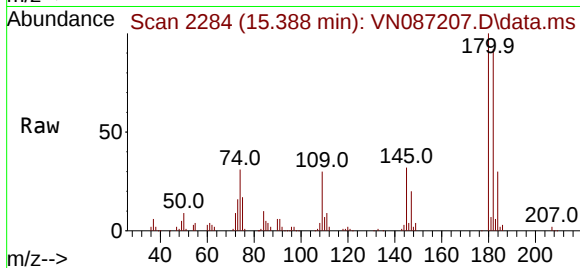
Tgt Ion:180 Resp: 122846

Ion Ratio Lower Upper

180 100

182 93.7 47.1 141.3

145 32.4 16.2 48.5



#94

Hexachlorobutadiene

Concen: 44.490 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. 0.000 min

Lab File: VN087207.D

Acq: 27 Jun 2025 09:38

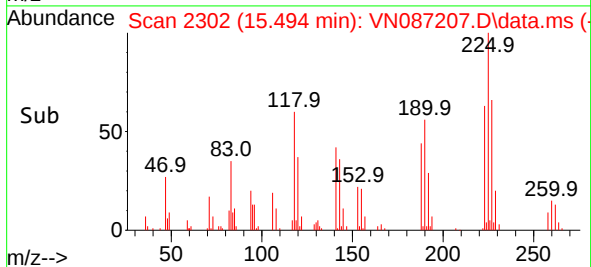
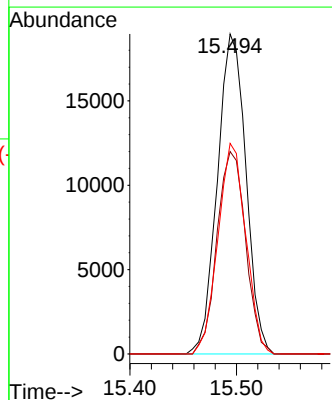
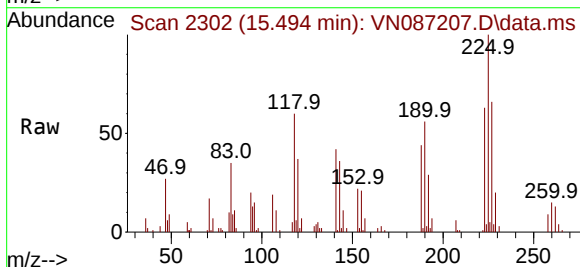
Tgt Ion:225 Resp: 35336

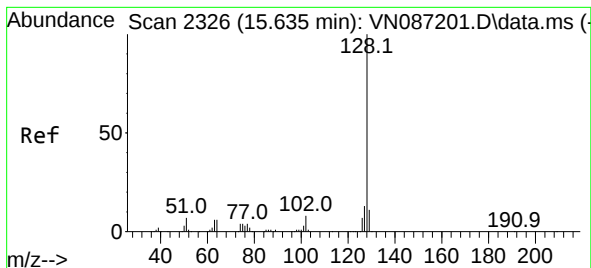
Ion Ratio Lower Upper

225 100

223 63.3 32.9 98.6

227 64.1 32.0 96.2





#95

Naphthalene

Concen: 48.202 ug/l

RT: 15.635 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087207.D

Acq: 27 Jun 2025 09:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

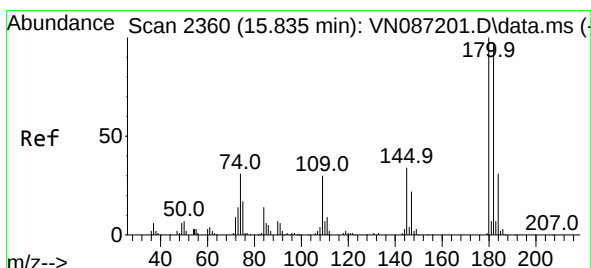
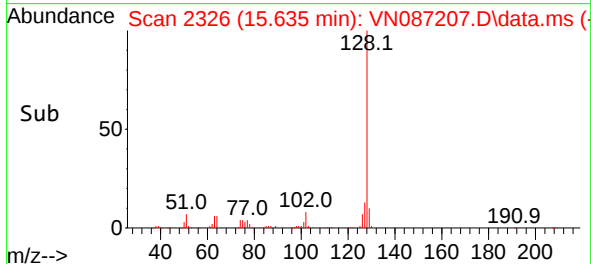
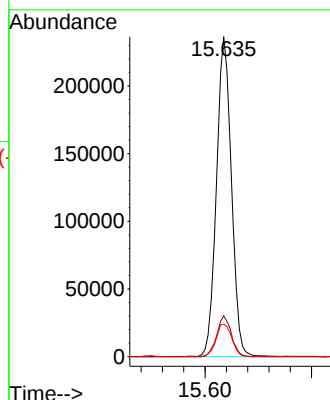
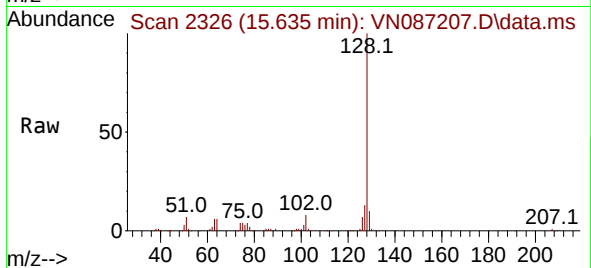
Tgt Ion:128 Resp: 460407

Ion Ratio Lower Upper

128 100

127 12.4 10.1 15.1

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 44.895 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN087207.D

Acq: 27 Jun 2025 09:38

Tgt Ion:180 Resp: 111605

Ion Ratio Lower Upper

180 100

182 94.1 47.5 142.6

145 35.3 16.9 50.7

