

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
 Data File : VN087203.D
 Acq On : 26 Jun 2025 18:39
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 27 05:23:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:16:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	203305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	356025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	328648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	157677	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	425659	145.487	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 290.980%#	
35) Dibromofluoromethane	8.171	113	340683	148.011	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 296.020%#	
50) Toluene-d8	10.565	98	1344013	141.181	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 282.360%#	
62) 4-Bromofluorobenzene	12.847	95	481106	145.645	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 291.280%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.154	85	364471	143.062	ug/l	100
3) Chloromethane	2.395	50	361001	145.120	ug/l	95
4) Vinyl Chloride	2.554	62	410706	152.791	ug/l	99
5) Bromomethane	2.960	94	225196	156.106	ug/l	98
6) Chloroethane	3.142	64	194624	138.561	ug/l	99
7) Trichlorofluoromethane	3.524	101	460213	143.778	ug/l	94
8) Diethyl Ether	3.983	74	212441	149.205	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.395	101	328365	150.410	ug/l	99
10) Methyl Iodide	4.612	142	343483	172.363	ug/l	99
11) Tert butyl alcohol	5.542	59	445764	691.488	ug/l	100
12) 1,1-Dichloroethene	4.365	96	334423	140.224	ug/l	96
13) Acrolein	4.201	56	423063	795.957	ug/l	100
14) Allyl chloride	5.048	41	567503	150.452	ug/l	100
15) Acrylonitrile	5.736	53	1234801	750.930	ug/l	100
16) Acetone	4.442	43	973473	741.147	ug/l	98
17) Carbon Disulfide	4.736	76	967714	149.196	ug/l	99
18) Methyl Acetate	5.042	43	524005	150.460	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	1245774	151.655	ug/l	98
20) Methylene Chloride	5.295	84	385319	155.113	ug/l	98
21) trans-1,2-Dichloroethene	5.801	96	380703	143.932	ug/l	93
22) Diisopropyl ether	6.683	45	1186861	139.747	ug/l	97
23) Vinyl Acetate	6.612	43	5362467	706.073	ug/l	98
24) 1,1-Dichloroethane	6.583	63	702081	139.967	ug/l	99
25) 2-Butanone	7.489	43	1631747	735.623	ug/l	99
26) 2,2-Dichloropropane	7.501	77	572380	143.551	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	456497	148.436	ug/l	97
28) Bromochloromethane	7.824	49	308237	139.784	ug/l	96
29) Tetrahydrofuran	7.848	42	1062259	730.410	ug/l	98
30) Chloroform	7.971	83	666428	140.851	ug/l	99
31) Cyclohexane	8.265	56	621955	137.311	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	573241	141.021	ug/l	95
36) 1,1-Dichloropropene	8.377	75	512975	152.153	ug/l	99
37) Ethyl Acetate	7.565	43	625496	148.562	ug/l	99
38) Carbon Tetrachloride	8.371	117	490767	149.464	ug/l	97
39) Methylcyclohexane	9.600	83	604337	146.918	ug/l	99
40) Benzene	8.612	78	1573911	151.089	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	339377	153.806	ug/l	98
42) 1,2-Dichloroethane	8.677	62	497391	146.874	ug/l	98
43) Isopropyl Acetate	8.689	43	959465	154.798	ug/l	98
44) Trichloroethene	9.353	130	347618	139.373	ug/l	99
45) 1,2-Dichloropropane	9.624	63	371334	138.294	ug/l	97
46) Dibromomethane	9.712	93	232019	127.508	ug/l	99
47) Bromodichloromethane	9.889	83	463803	126.912	ug/l	98
48) Methyl methacrylate	9.683	41	433941	144.807	ug/l	99
49) 1,4-Dioxane	9.706	88	114922	2998.429	ug/l #	95
51) 4-Methyl-2-Pentanone	10.447	43	2939166	753.465	ug/l	99
52) Toluene	10.630	92	951167	142.827	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	602242	147.793	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	605305	139.609	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	348410	138.331	ug/l	99
56) Ethyl methacrylate	10.877	69	627769	148.985	ug/l	98
57) 1,3-Dichloropropane	11.165	76	623966	140.223	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	1654524	729.641	ug/l	98
59) 2-Hexanone	11.200	43	2093627	759.261	ug/l	97
60) Dibromochloromethane	11.359	129	395192	144.276	ug/l	100
61) 1,2-Dibromoethane	11.471	107	387229	145.445	ug/l	99
64) Tetrachloroethene	11.100	164	292171	145.252	ug/l	98
65) Chlorobenzene	11.889	112	1069785	146.754	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	347159	149.097	ug/l	99
67) Ethyl Benzene	11.959	91	1881023	154.721	ug/l	97
68) m/p-Xylenes	12.071	106	1448222	311.323	ug/l	99
69) o-Xylene	12.394	106	694497	164.232	ug/l	97
70) Styrene	12.406	104	1182536	162.922	ug/l	99
71) Bromoform	12.577	173	266847	154.424	ug/l #	99
73) Isopropylbenzene	12.694	105	1700504	159.311	ug/l	100
74) N-amyl acetate	12.500	43	633991	160.740	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.935	83	560580	145.814	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	782248	210.882	ug/l	63
77) Bromobenzene	12.977	156	409121	157.709	ug/l	96
78) n-propylbenzene	13.035	91	2097413	159.536	ug/l	99
79) 2-Chlorotoluene	13.124	91	1236767	151.117	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	1408077	159.795	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	248661	158.641	ug/l	93
82) 4-Chlorotoluene	13.218	91	1286016	157.621	ug/l	100
83) tert-Butylbenzene	13.435	119	1217157	160.804	ug/l	99
84) 1,2,4-Trimethylbenzene	13.477	105	1428299	159.740	ug/l	100
85) sec-Butylbenzene	13.612	105	1754786	157.358	ug/l	100
86) p-Isopropyltoluene	13.724	119	1465605	160.244	ug/l	99
87) 1,3-Dichlorobenzene	13.730	146	783709	150.131	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	784117	146.093	ug/l	99
89) n-Butylbenzene	14.053	91	1308216	153.951	ug/l	99
90) Hexachloroethane	14.330	117	273430	154.485	ug/l	100
91) 1,2-Dichlorobenzene	14.100	146	742699	151.064	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.718	75	132445	150.917	ug/l	95
93) 1,2,4-Trichlorobenzene	15.388	180	435915	159.265	ug/l	100
94) Hexachlorobutadiene	15.494	225	132344	153.278	ug/l	98
95) Naphthalene	15.635	128	1752402	168.764	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	426838	157.945	ug/l	100

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QLast Update : Fri Jun 27 05:16:47 2025
Response via : Initial Calibration

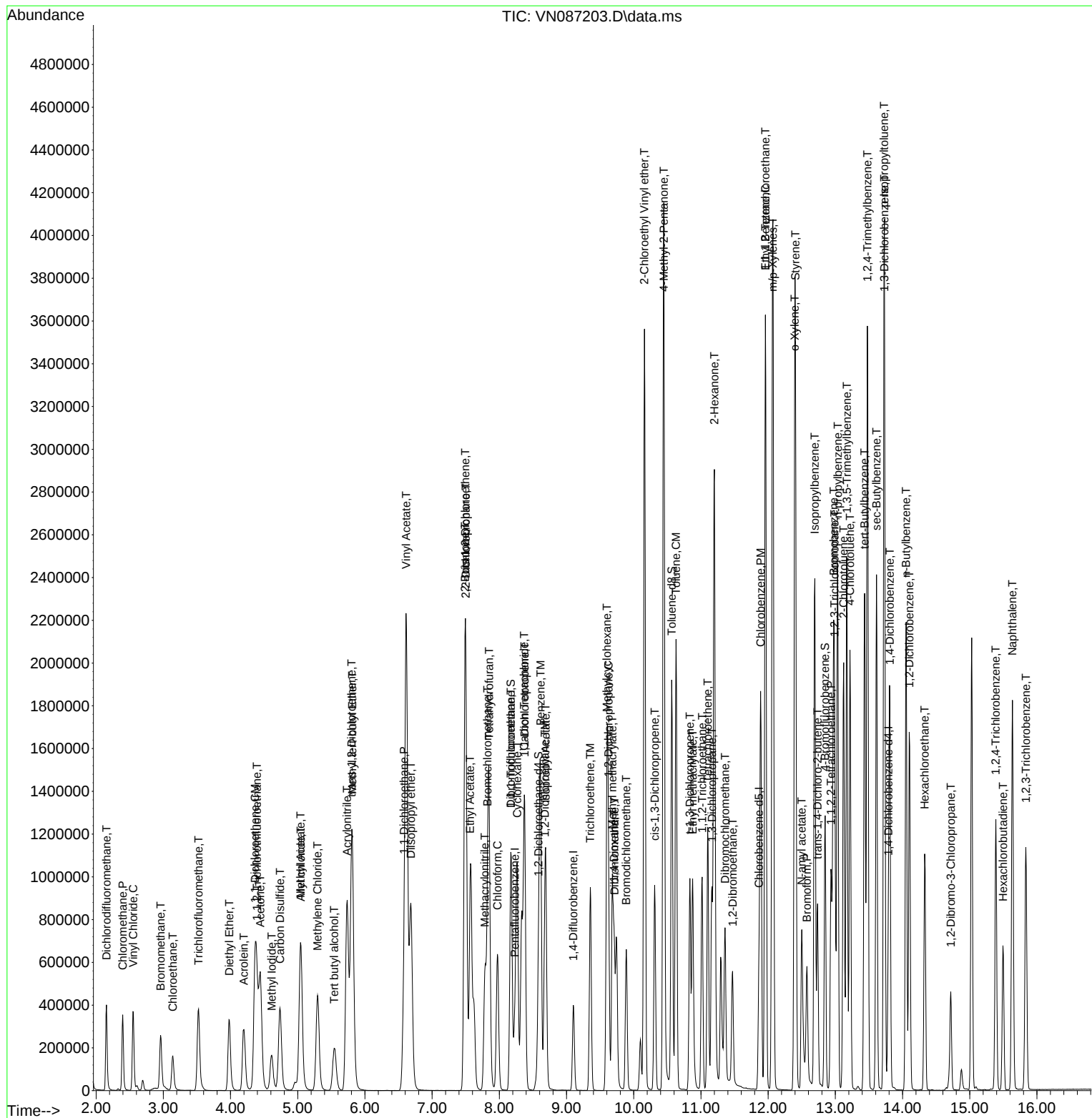
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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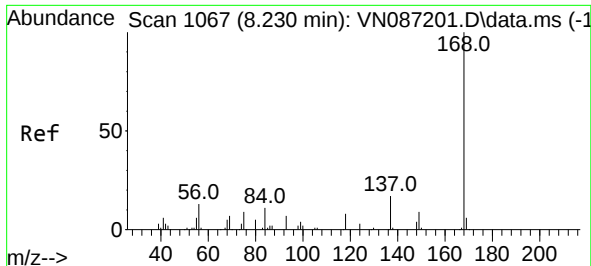
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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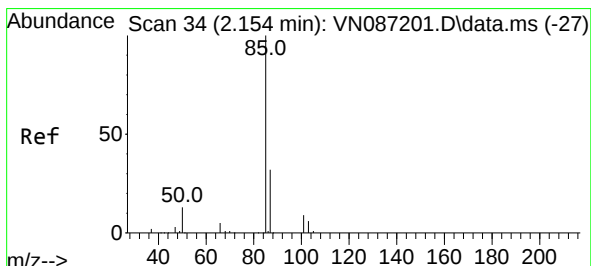
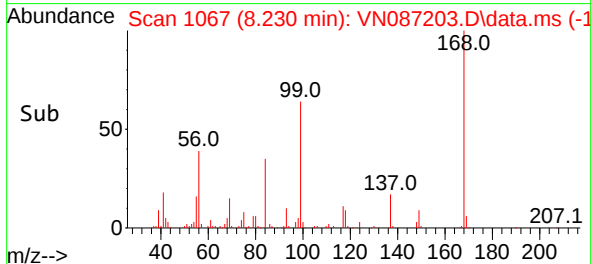
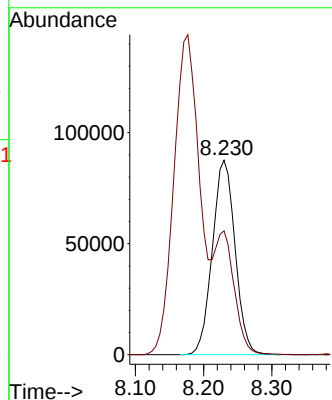
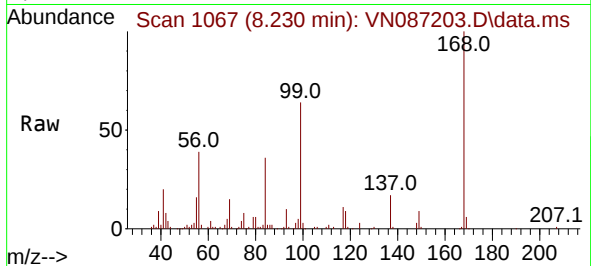




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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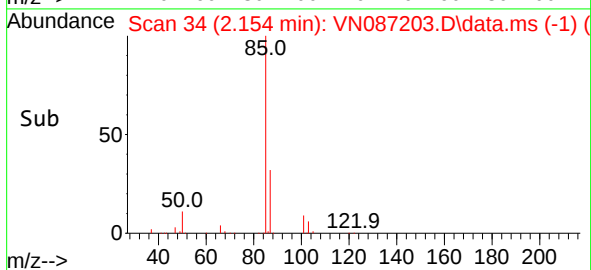
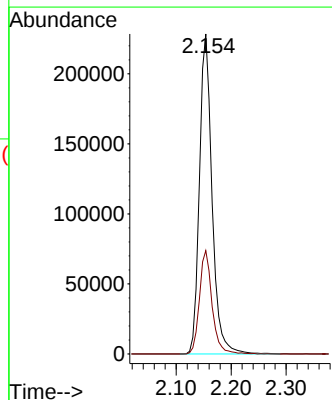
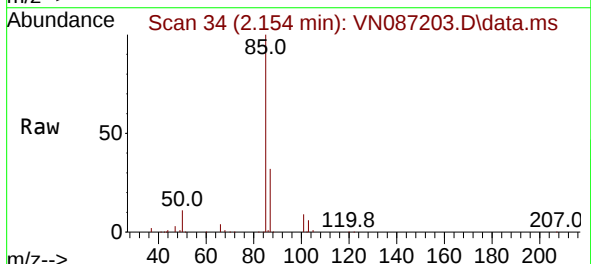
Instrument :
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ClientSampleId :
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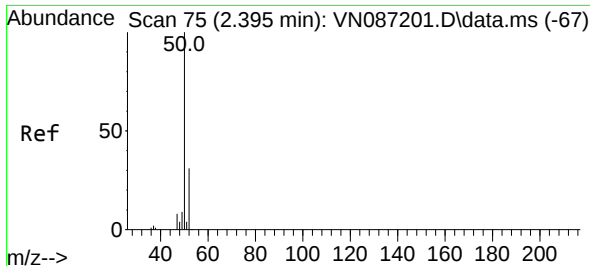
Tgt Ion:168 Resp: 203305
Ion Ratio Lower Upper
168 100
99 63.4 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 143.062 ug/l
RT: 2.154 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

Tgt Ion: 85 Resp: 364471
Ion Ratio Lower Upper
85 100
87 32.3 16.1 48.3

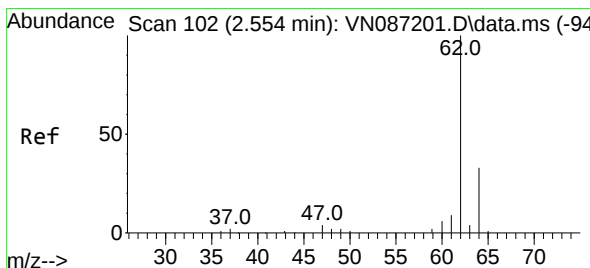
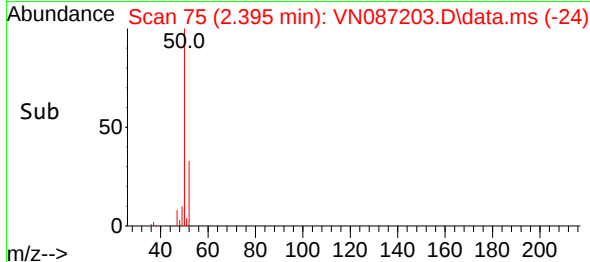
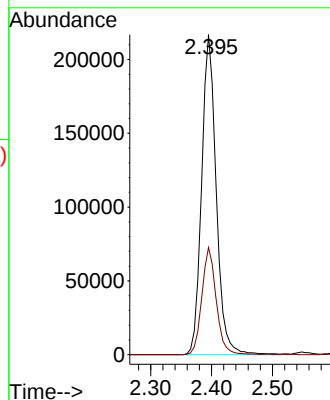
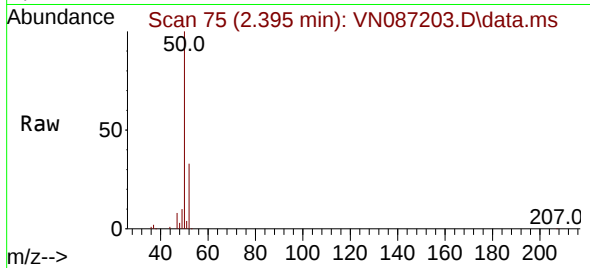




#3
Chloromethane
Concen: 145.120 ug/l
RT: 2.395 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

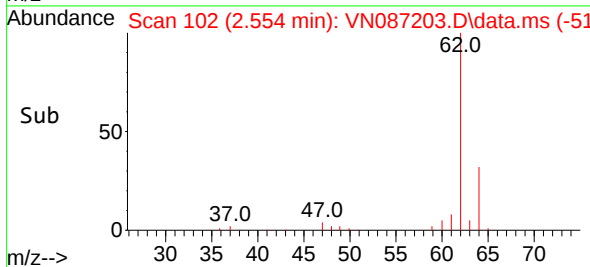
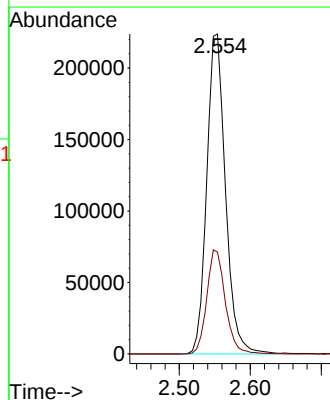
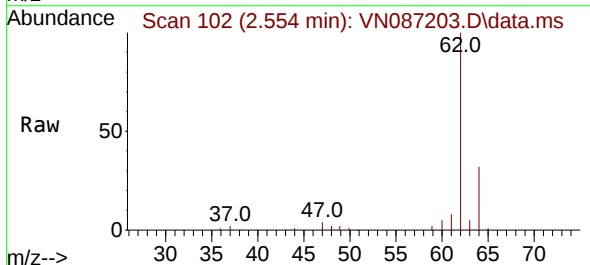
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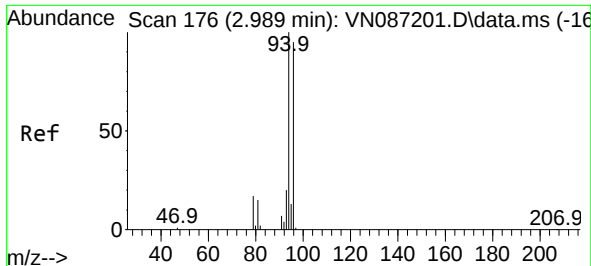
Tgt Ion: 50 Resp: 361001
Ion Ratio Lower Upper
50 100
52 33.5 24.6 36.8



#4
Vinyl Chloride
Concen: 152.791 ug/l
RT: 2.554 min Scan# 102
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

Tgt Ion: 62 Resp: 410706
Ion Ratio Lower Upper
62 100
64 31.8 26.0 39.0

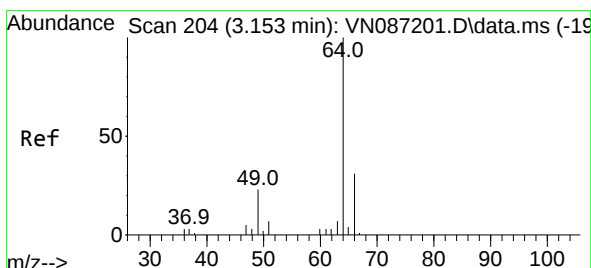
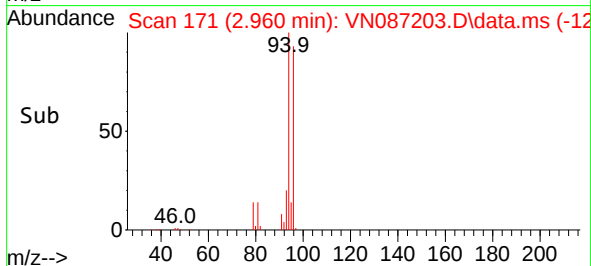
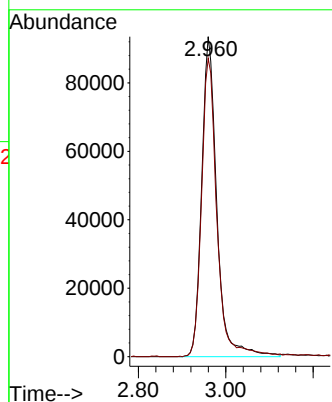
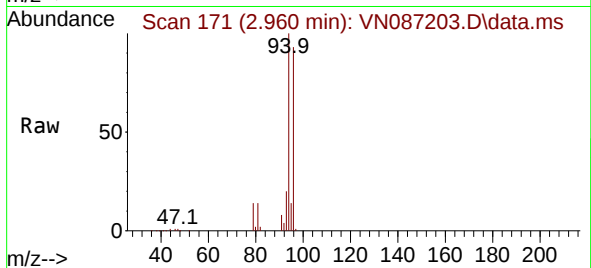




#5
Bromomethane
Concen: 156.106 ug/l
RT: 2.960 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN087203.D
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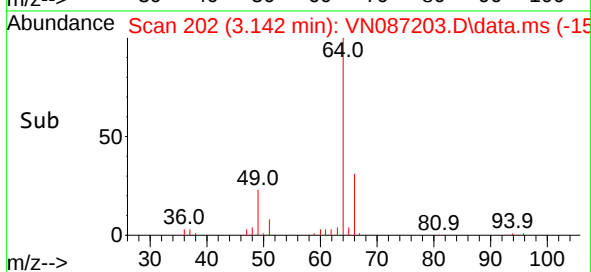
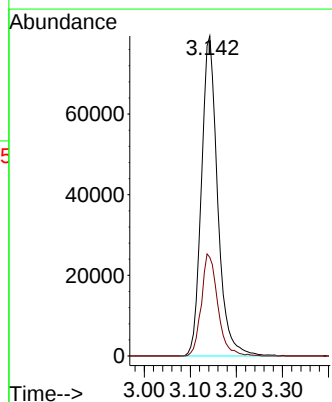
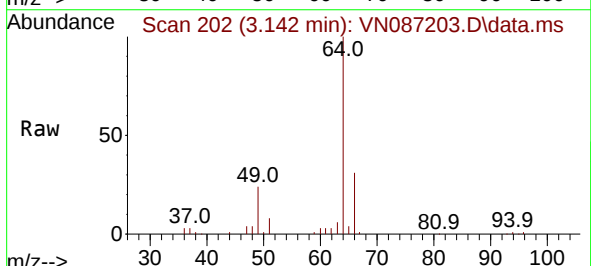
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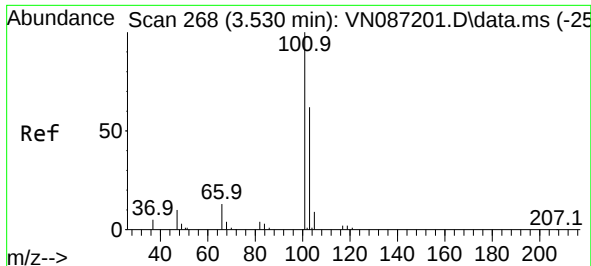
Tgt Ion: 94 Resp: 225196
Ion Ratio Lower Upper
94 100
96 93.1 75.7 113.5



#6
Chloroethane
Concen: 138.561 ug/l
RT: 3.142 min Scan# 202
Delta R.T. -0.011 min
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Tgt Ion: 64 Resp: 194624
Ion Ratio Lower Upper
64 100
66 30.8 25.0 37.4

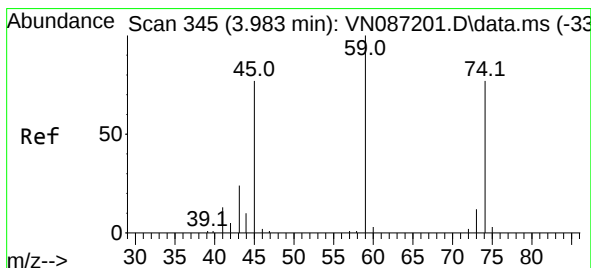
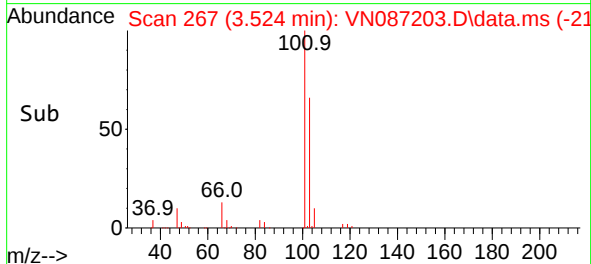
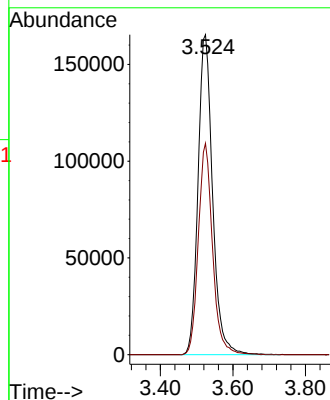
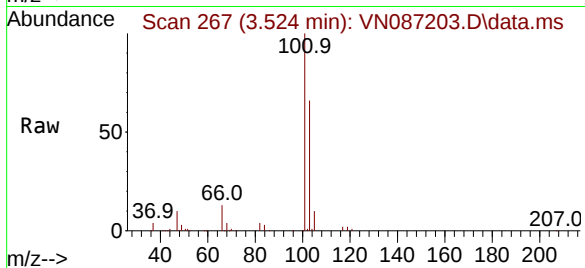




#7
 Trichlorofluoromethane
 Concen: 143.778 ug/l
 RT: 3.524 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087203.D
 Acq: 26 Jun 2025 18:39

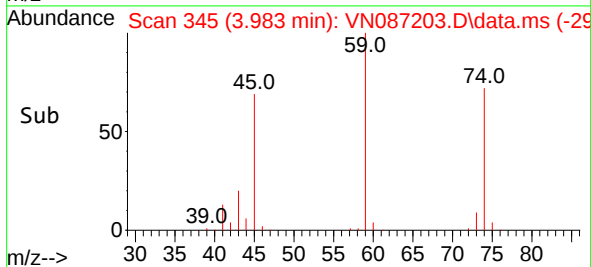
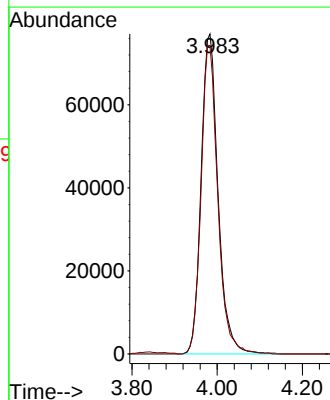
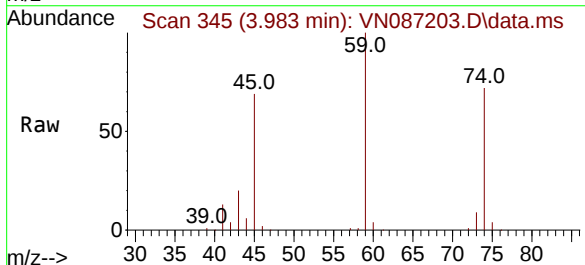
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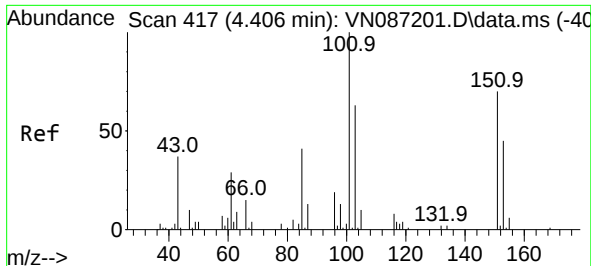
Tgt Ion:101 Resp: 460213
 Ion Ratio Lower Upper
 101 100
 103 66.1 49.3 73.9



#8
 Diethyl Ether
 Concen: 149.205 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. 0.000 min
 Lab File: VN087203.D
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Tgt Ion: 74 Resp: 212441
 Ion Ratio Lower Upper
 74 100
 45 95.4 47.0 141.2

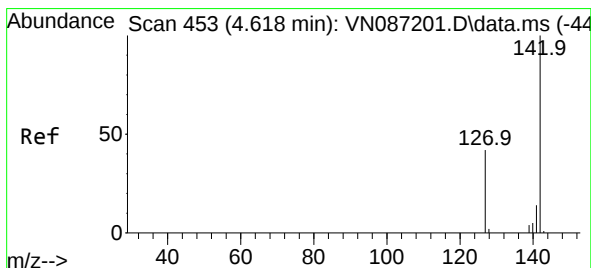
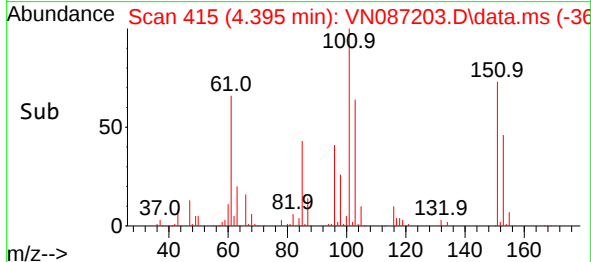
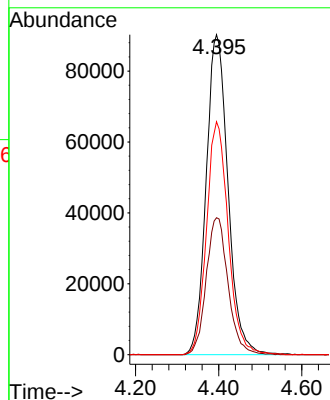
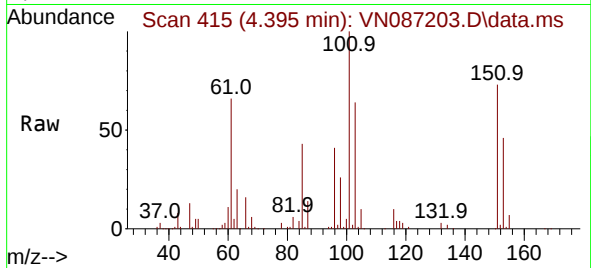




#9
1,1,2-Trichlorotrifluoroethane
Concen: 150.410 ug/l
RT: 4.395 min Scan# 415
Delta R.T. -0.011 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

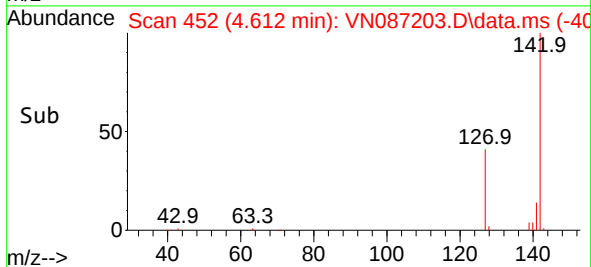
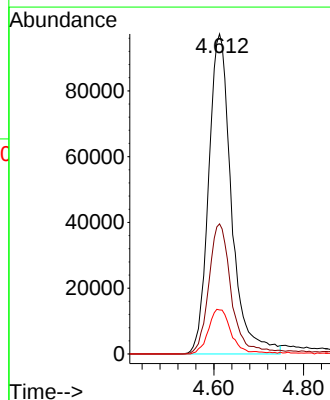
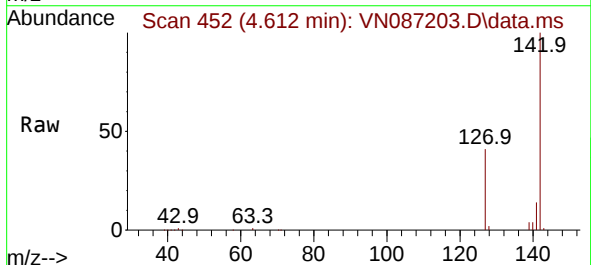
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

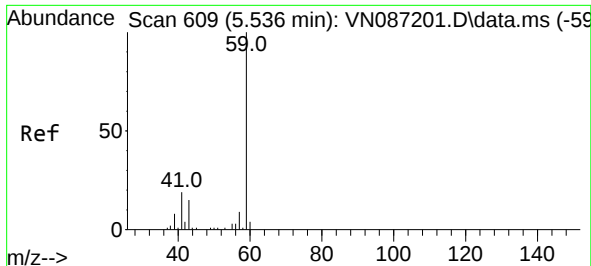
Tgt Ion:101 Resp: 328365
Ion Ratio Lower Upper
101 100
85 43.0 34.3 51.5
151 72.6 57.3 85.9



#10
Methyl Iodide
Concen: 172.363 ug/l
RT: 4.612 min Scan# 452
Delta R.T. -0.006 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

Tgt Ion:142 Resp: 343483
Ion Ratio Lower Upper
142 100
127 40.6 33.3 49.9
141 13.8 11.4 17.0





#11

Tert butyl alcohol

Concen: 691.488 ug/l

RT: 5.542 min Scan# 610

Delta R.T. 0.006 min

Lab File: VN087203.D

Acq: 26 Jun 2025 18:39

Instrument :

MSVOA_N

ClientSampleId :

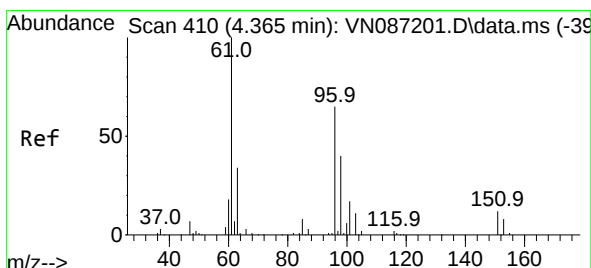
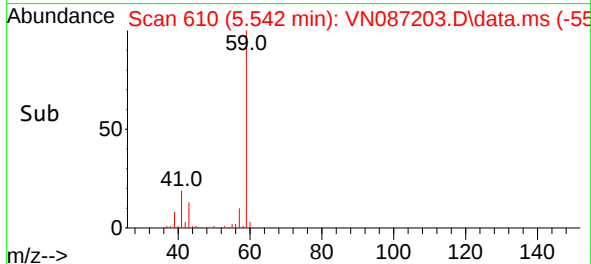
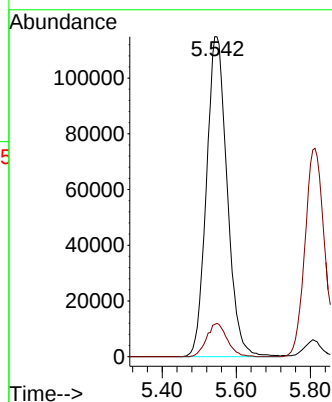
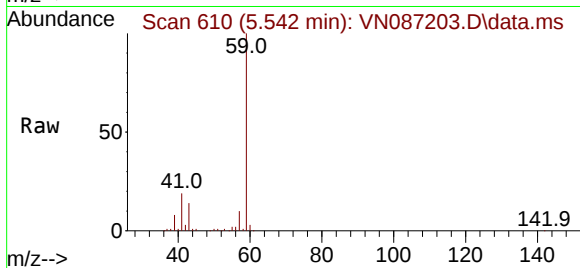
VSTDIC150

Tgt Ion: 59 Resp: 445764

Ion Ratio Lower Upper

59 100

57 10.3 8.2 12.2



#12

1,1-Dichloroethene

Concen: 140.224 ug/l

RT: 4.365 min Scan# 410

Delta R.T. 0.000 min

Lab File: VN087203.D

Acq: 26 Jun 2025 18:39

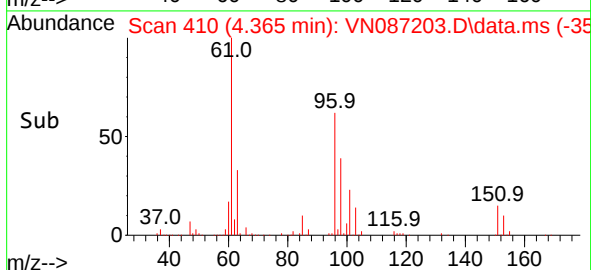
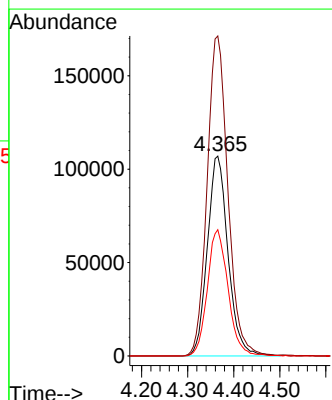
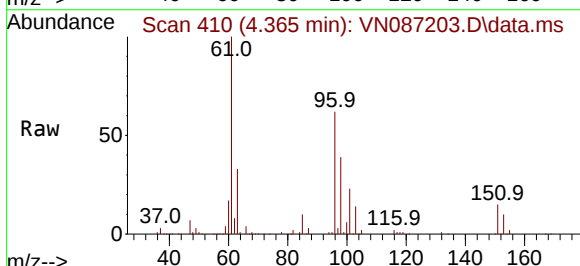
Tgt Ion: 96 Resp: 334423

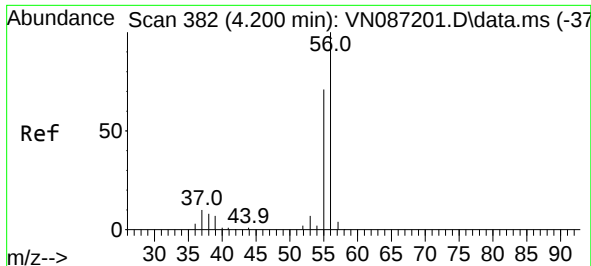
Ion Ratio Lower Upper

96 100

61 160.1 123.5 185.3

98 63.1 49.5 74.3

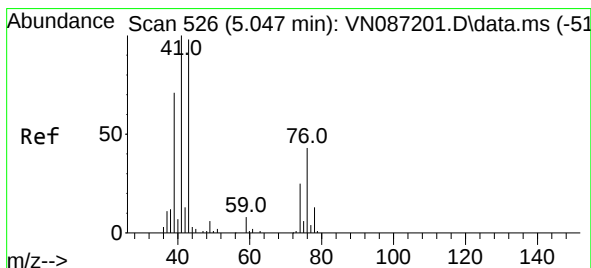
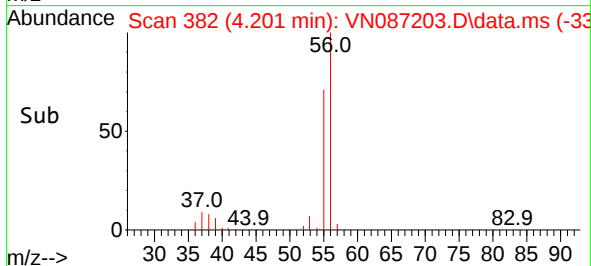
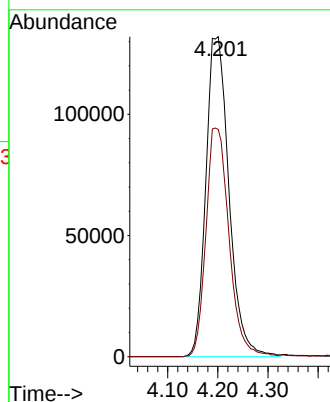
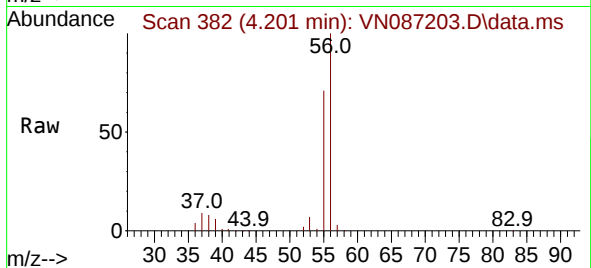




#13
Acrolein
Concen: 795.957 ug/l
RT: 4.201 min Scan# 382
Delta R.T. 0.001 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

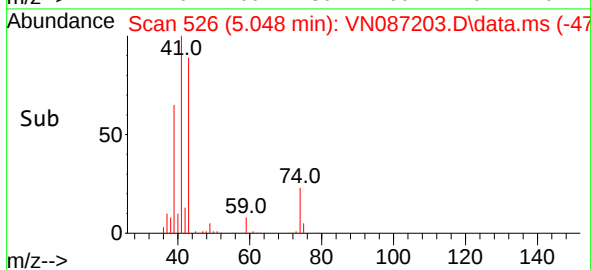
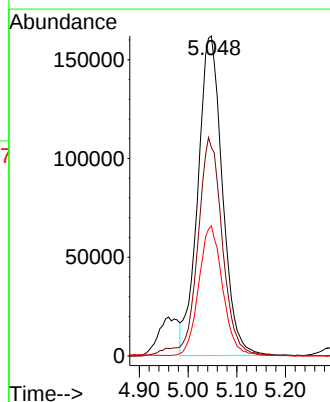
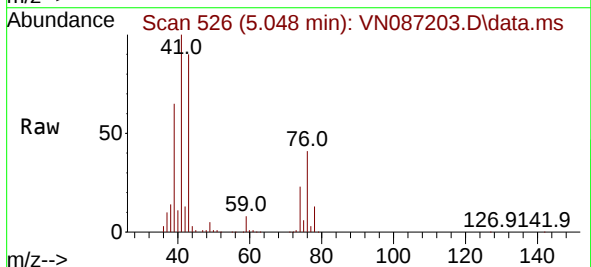
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

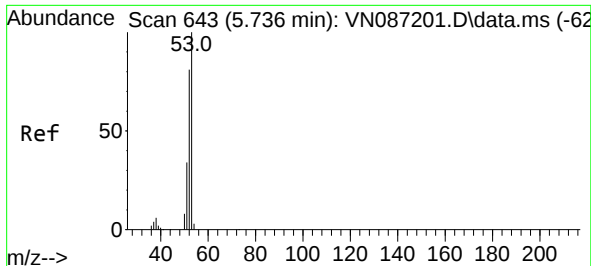
Tgt Ion: 56 Resp: 423063
Ion Ratio Lower Upper
56 100
55 71.3 56.8 85.2



#14
Allyl chloride
Concen: 150.452 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.001 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

Tgt Ion: 41 Resp: 567503
Ion Ratio Lower Upper
41 100
39 69.1 55.0 82.6
76 39.3 31.3 46.9



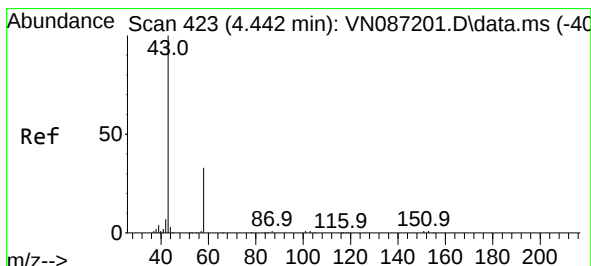
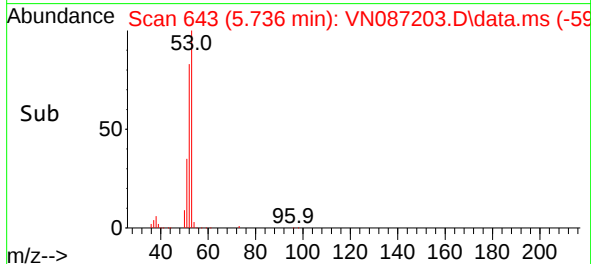
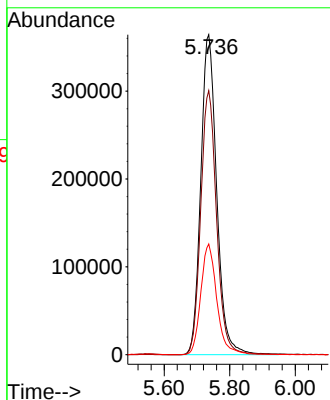
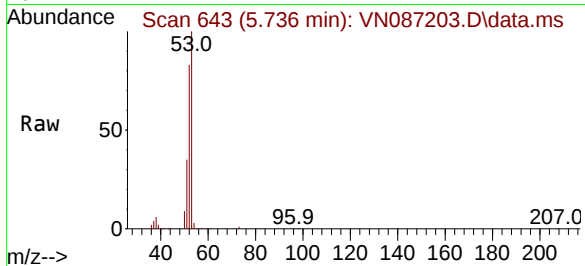


#15
Acrylonitrile
Concen: 750.930 ug/l
RT: 5.736 min Scan# 643
Delta R.T. -0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tgt Ion: 53 Resp: 1234801

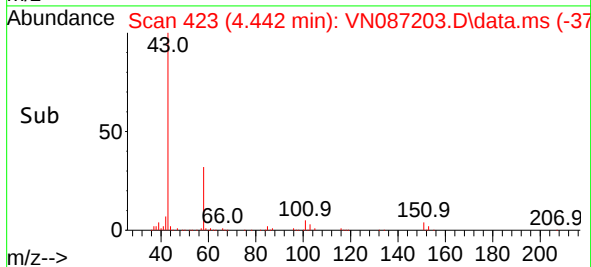
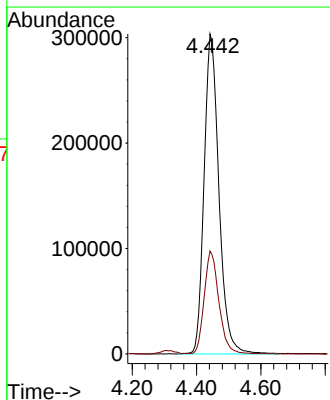
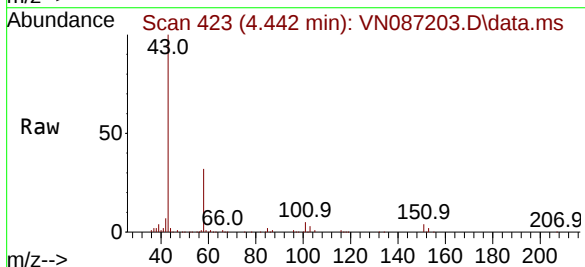
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.0	97.6
51	34.8	27.8	41.6

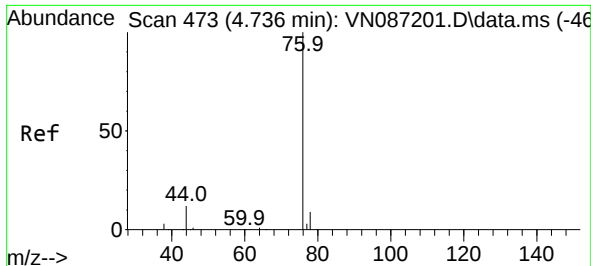


#16
Acetone
Concen: 741.147 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

Tgt Ion: 43 Resp: 973473

Ion	Ratio	Lower	Upper
43	100		
58	32.2	26.5	39.7





#17

Carbon Disulfide

Concen: 149.196 ug/l

RT: 4.736 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN087203.D

Acq: 26 Jun 2025 18:39

Instrument :

MSVOA_N

ClientSampleId :

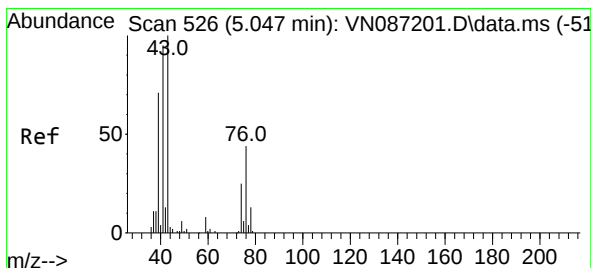
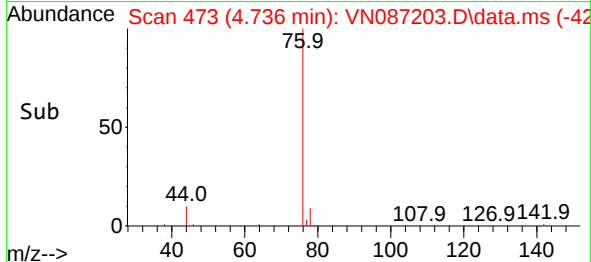
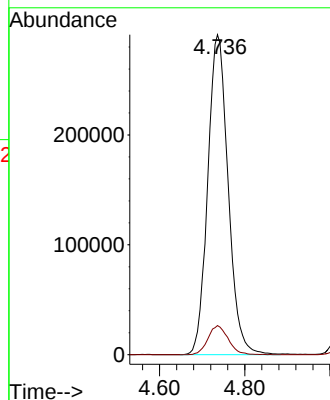
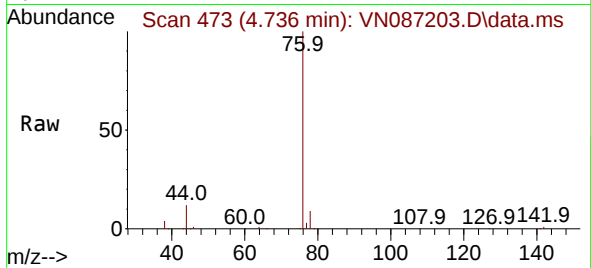
VSTDIC150

Tgt Ion: 76 Resp: 967714

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6



#18

Methyl Acetate

Concen: 150.460 ug/l

RT: 5.042 min Scan# 525

Delta R.T. -0.005 min

Lab File: VN087203.D

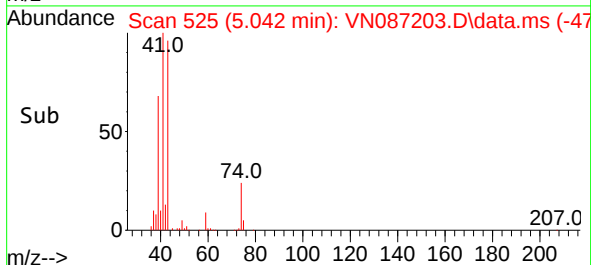
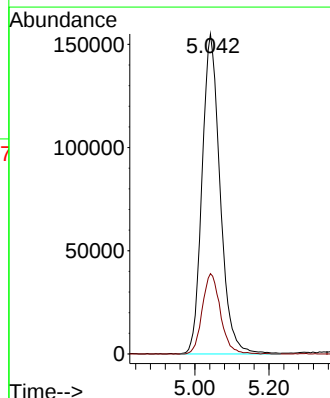
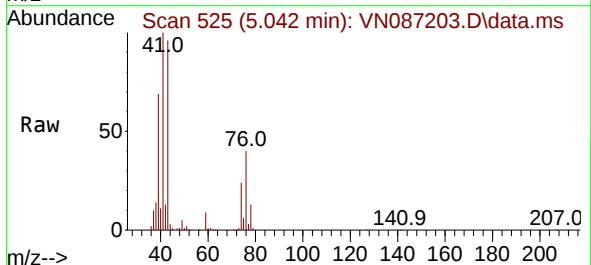
Acq: 26 Jun 2025 18:39

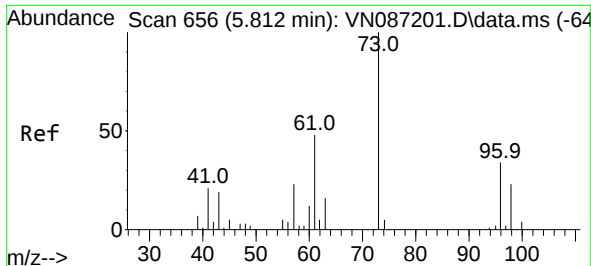
Tgt Ion: 43 Resp: 524005

Ion Ratio Lower Upper

43 100

74 25.2 19.4 29.2

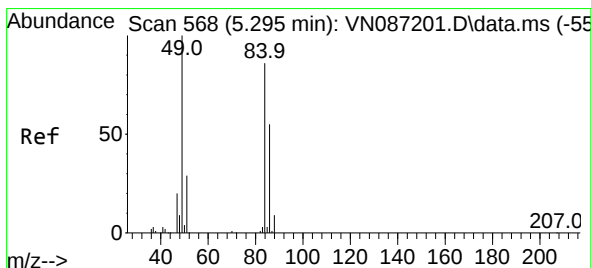
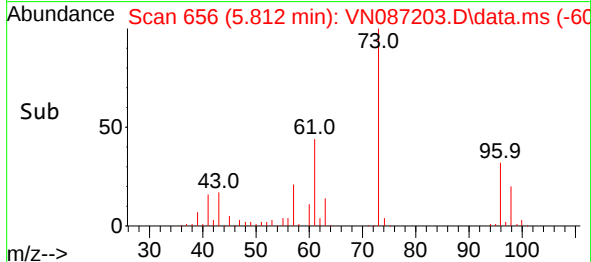
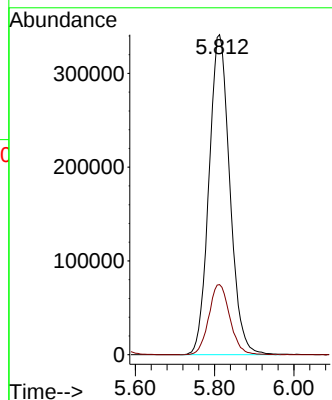
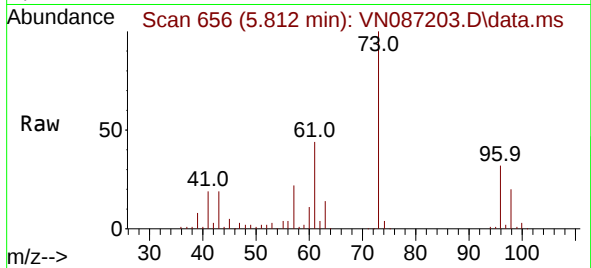




#19
Methyl tert-butyl Ether
Concen: 151.655 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

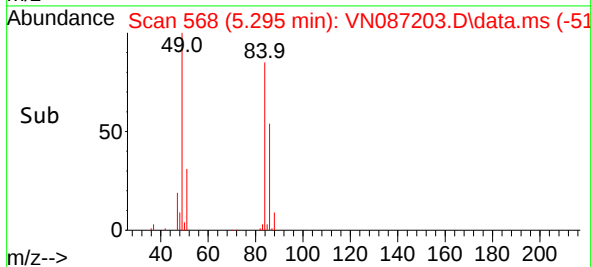
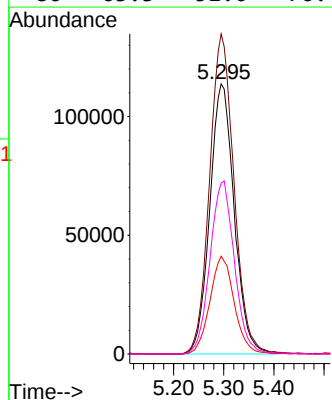
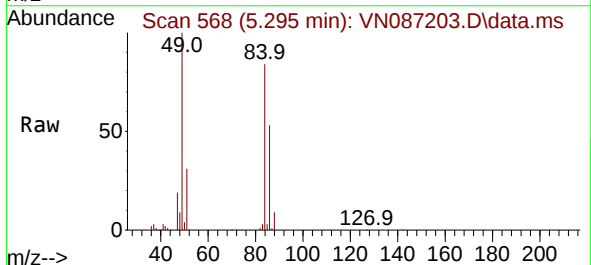
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

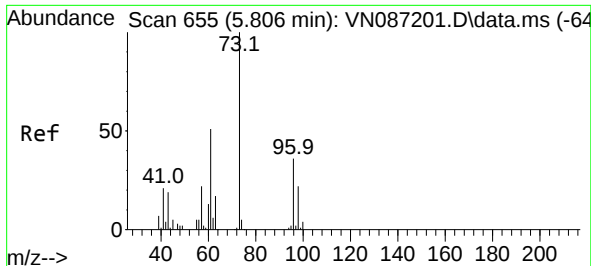
Tgt Ion: 73 Resp: 1245774
Ion Ratio Lower Upper
73 100
57 21.9 18.2 27.4



#20
Methylene Chloride
Concen: 155.113 ug/l
RT: 5.295 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

Tgt Ion: 84 Resp: 385319
Ion Ratio Lower Upper
84 100
49 118.5 93.0 139.6
51 36.2 27.2 40.8
86 63.3 51.0 76.4

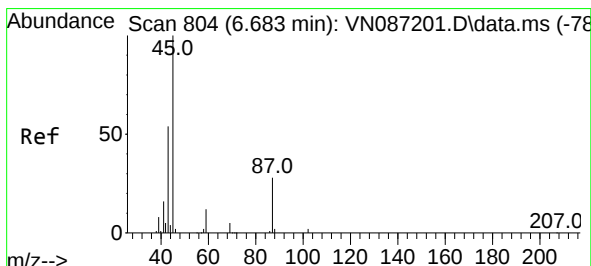
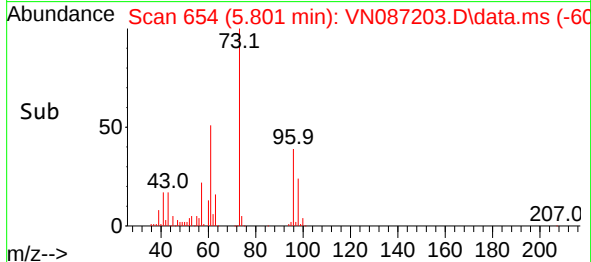
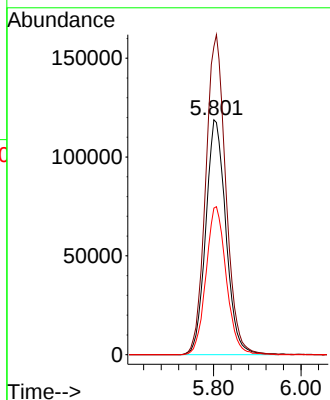
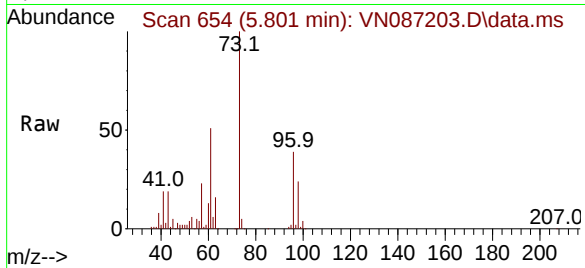




#21
trans-1,2-Dichloroethene
Concen: 143.932 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

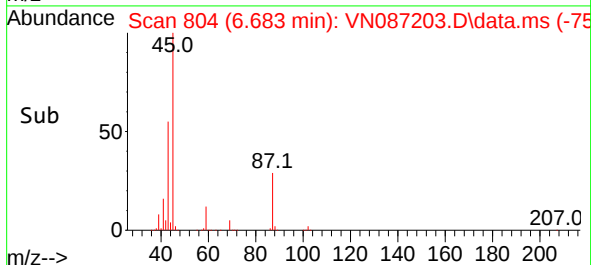
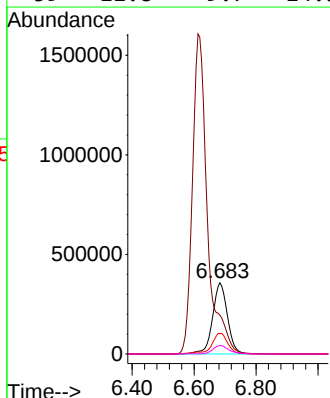
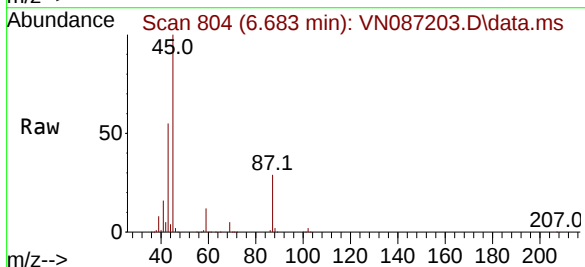
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

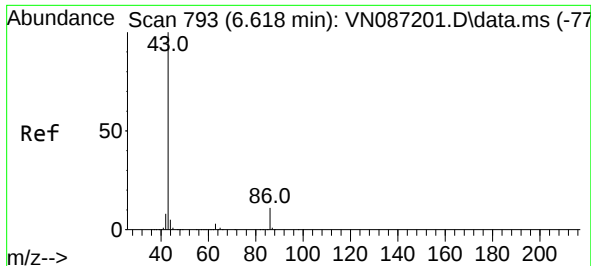
Tgt Ion: 96 Resp: 380703
Ion Ratio Lower Upper
96 100
61 131.1 113.8 170.8
98 62.4 50.4 75.6



#22
Diisopropyl ether
Concen: 139.747 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

Tgt Ion: 45 Resp: 1186861
Ion Ratio Lower Upper
45 100
43 54.3 45.8 68.6
87 28.9 22.7 34.1
59 11.8 9.7 14.5

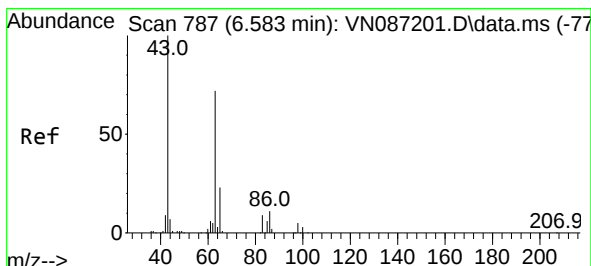
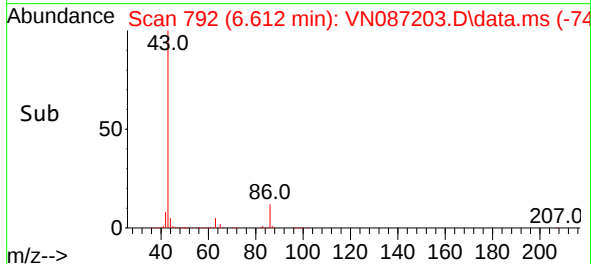
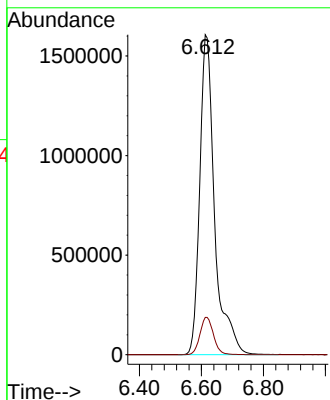
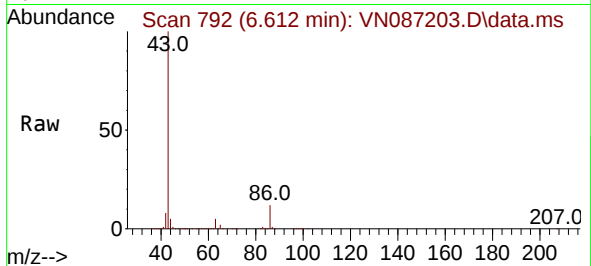




#23
 Vinyl Acetate
 Concen: 706.073 ug/l
 RT: 6.612 min Scan# 793
 Delta R.T. -0.006 min
 Lab File: VN087203.D
 Acq: 26 Jun 2025 18:39

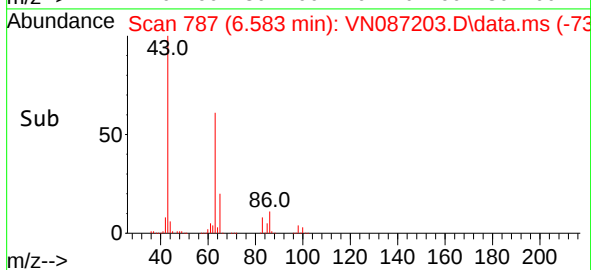
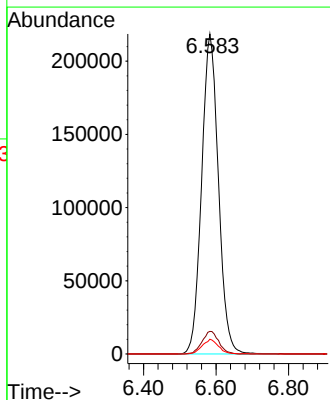
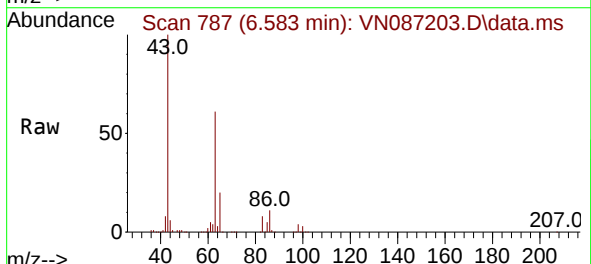
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

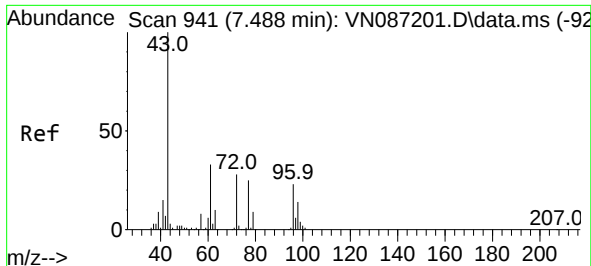
Tgt Ion: 43 Resp: 5362467
 Ion Ratio Lower Upper
 43 100
 86 11.7 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 139.967 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.000 min
 Lab File: VN087203.D
 Acq: 26 Jun 2025 18:39

Tgt Ion: 63 Resp: 702081
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 4.6 2.1 6.5

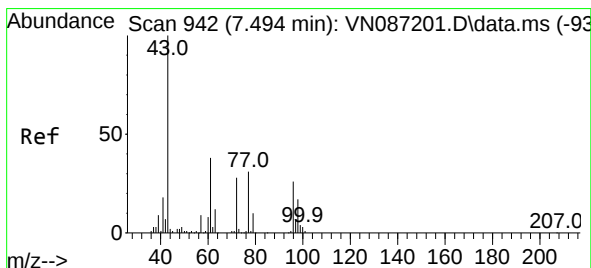
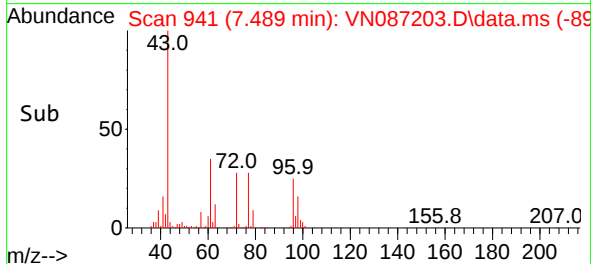
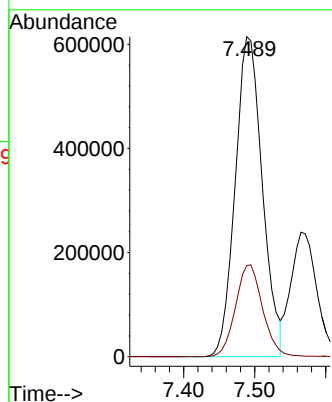
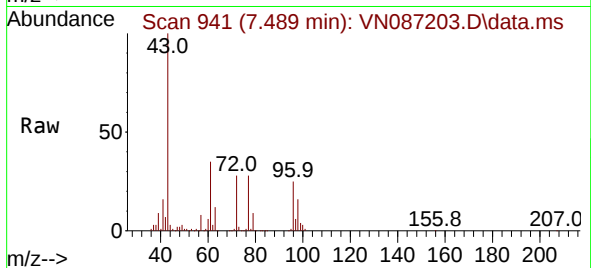




#25
2-Butanone
Concen: 735.623 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

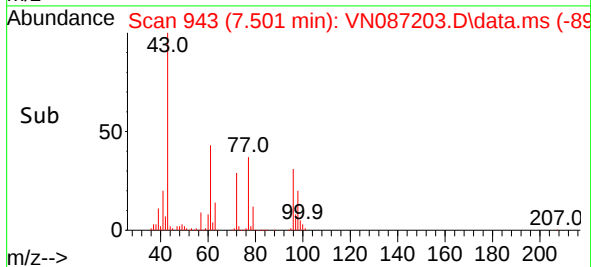
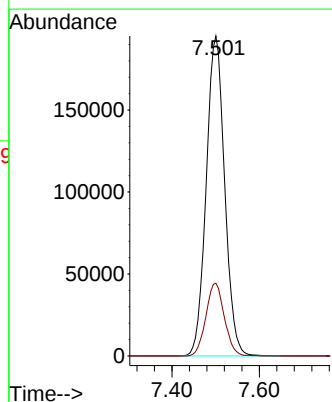
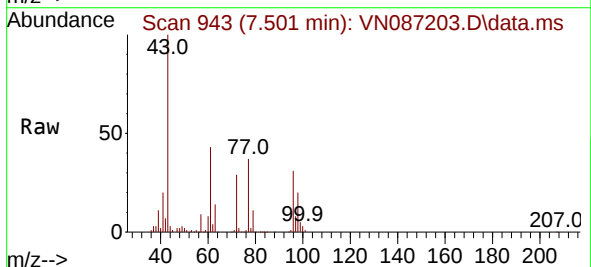
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

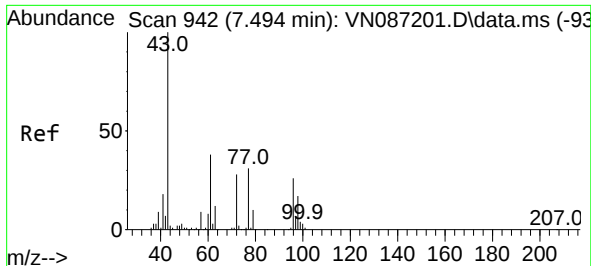
Tgt Ion: 43 Resp: 1631747
Ion Ratio Lower Upper
43 100
72 28.5 22.2 33.2



#26
2,2-Dichloropropane
Concen: 143.551 ug/l
RT: 7.501 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

Tgt Ion: 77 Resp: 572380
Ion Ratio Lower Upper
77 100
97 22.8 11.8 35.3



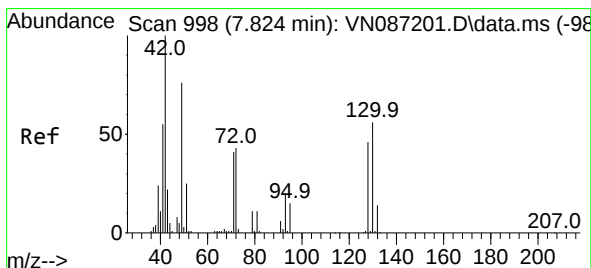
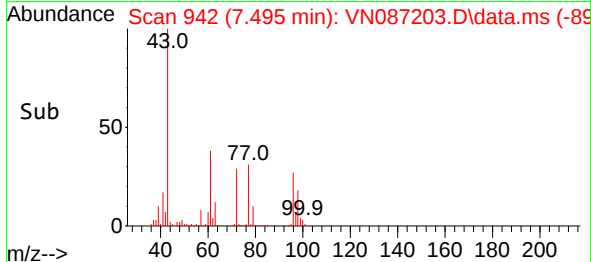
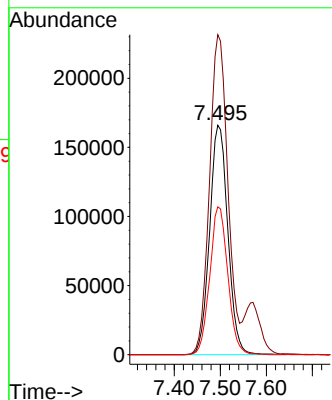
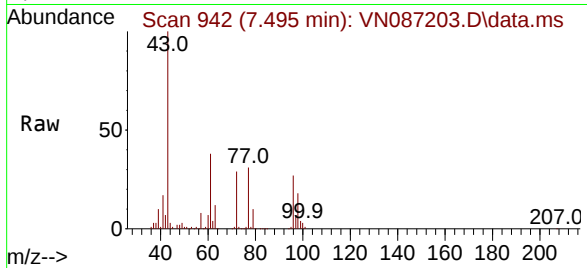


#27
 cis-1,2-Dichloroethene
 Concen: 148.436 ug/l
 RT: 7.495 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN087203.D
 Acq: 26 Jun 2025 18:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion: 96 Resp: 456497

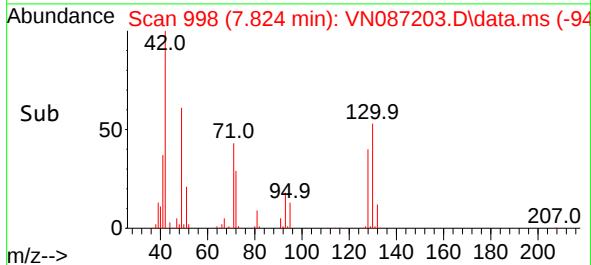
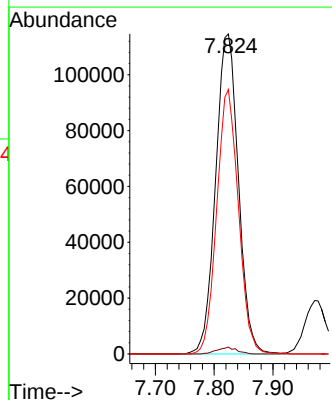
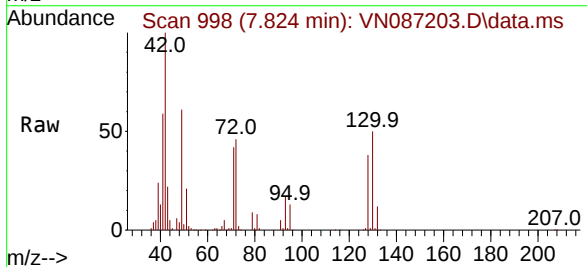
Ion	Ratio	Lower	Upper
96	100		
61	139.8	0.0	290.4
98	63.7	0.0	126.8

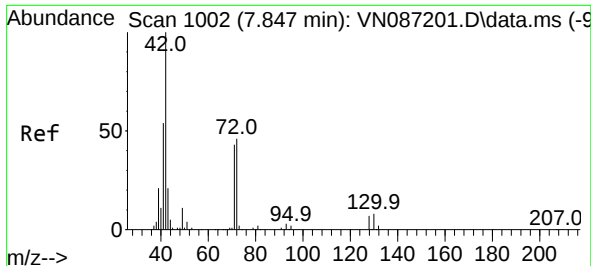


#28
 Bromochloromethane
 Concen: 139.784 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.000 min
 Lab File: VN087203.D
 Acq: 26 Jun 2025 18:39

Tgt Ion: 49 Resp: 308237

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.2
130	78.8	60.0	90.0





#29

Tetrahydrofuran

Concen: 730.410 ug/l

RT: 7.848 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN087203.D

Acq: 26 Jun 2025 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

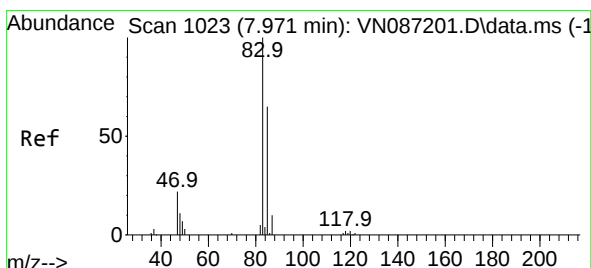
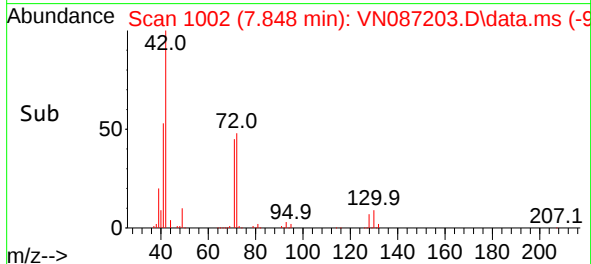
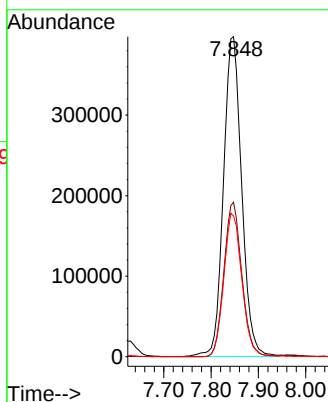
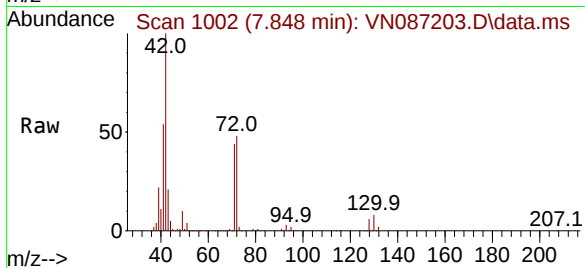
Tgt Ion: 42 Resp: 1062259

Ion Ratio Lower Upper

42 100

72 47.5 36.9 55.3

71 44.5 35.0 52.4



#30

Chloroform

Concen: 140.851 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN087203.D

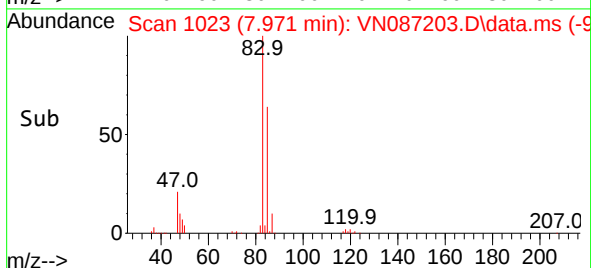
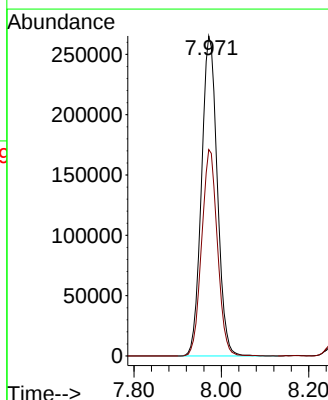
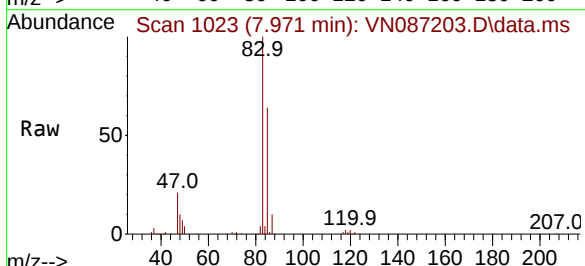
Acq: 26 Jun 2025 18:39

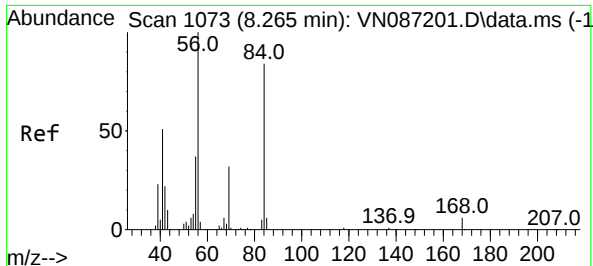
Tgt Ion: 83 Resp: 666428

Ion Ratio Lower Upper

83 100

85 64.5 52.0 78.0

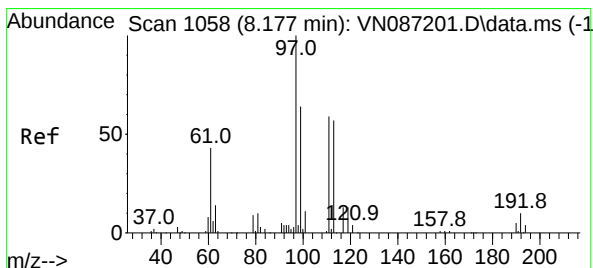
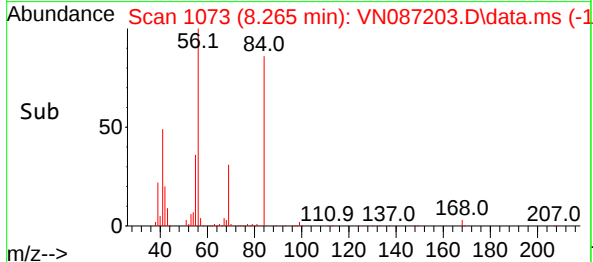
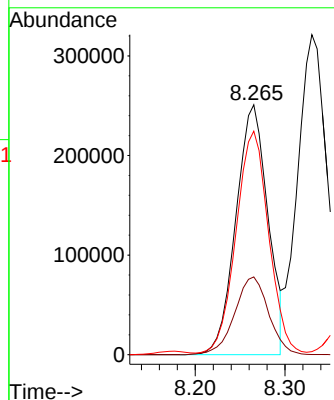
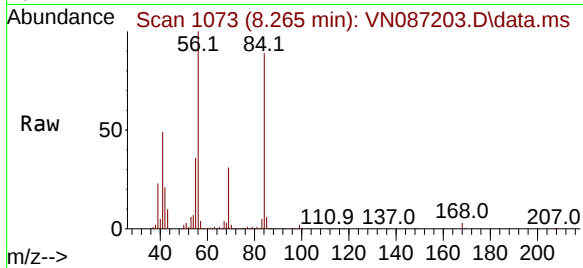




#31
Cyclohexane
Concen: 137.311 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

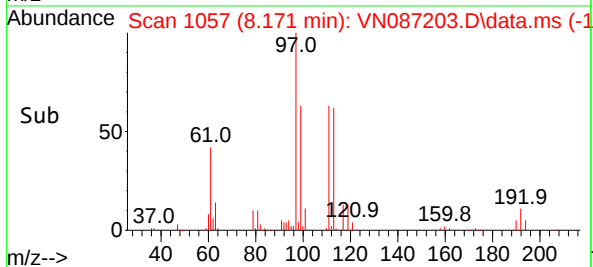
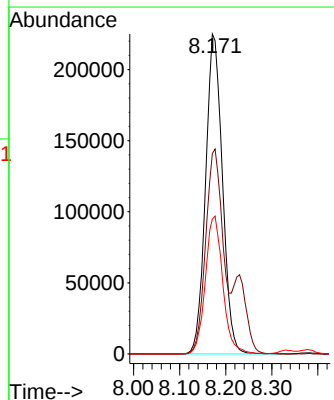
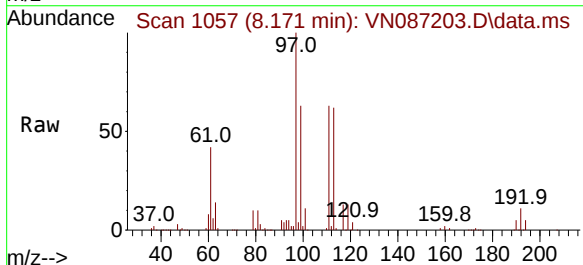
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

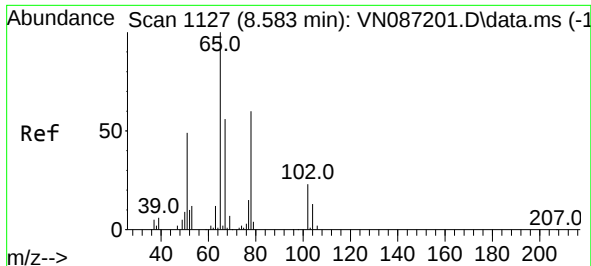
Tgt Ion: 56 Resp: 621955
Ion Ratio Lower Upper
56 100
69 31.1 25.3 37.9
84 88.2 67.4 101.0



#32
1,1,1-Trichloroethane
Concen: 141.021 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

Tgt Ion: 97 Resp: 573241
Ion Ratio Lower Upper
97 100
99 67.2 49.9 74.9
61 44.7 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 145.487 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN087203.D

Acq: 26 Jun 2025 18:39

Instrument :

MSVOA_N

ClientSampleId :

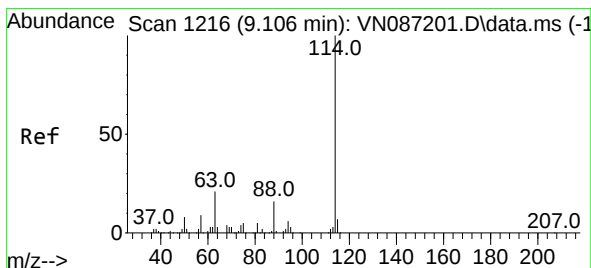
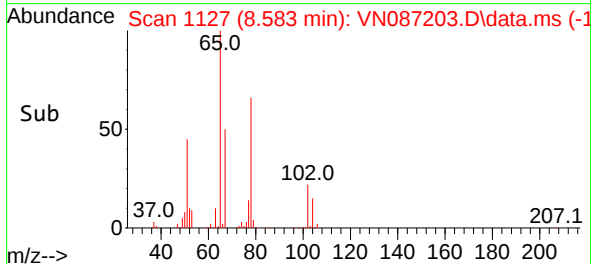
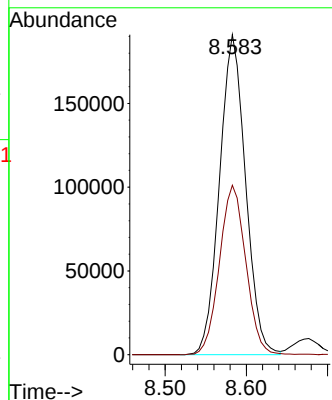
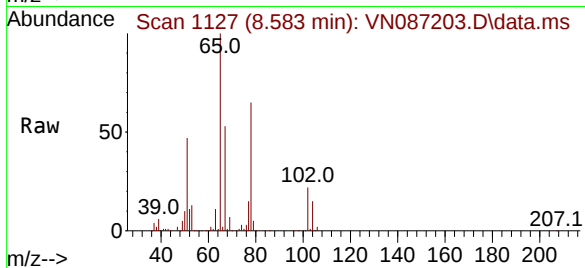
VSTDIC150

Tgt Ion: 65 Resp: 425659

Ion Ratio Lower Upper

65 100

67 53.5 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN087203.D

Acq: 26 Jun 2025 18:39

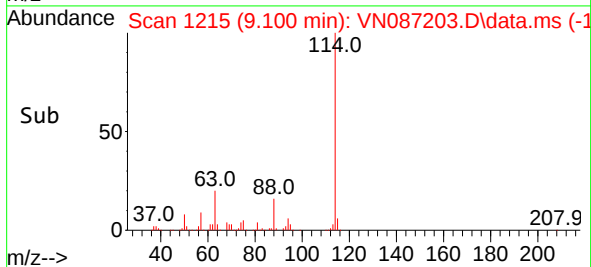
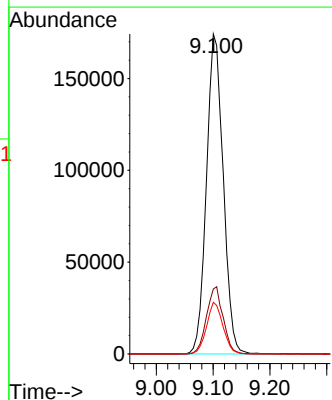
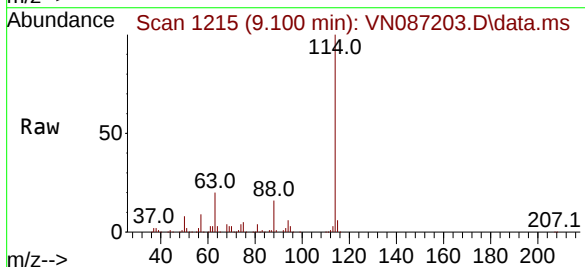
Tgt Ion: 114 Resp: 356025

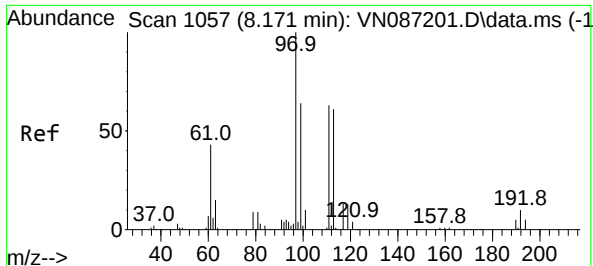
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.0

88 16.1 0.0 32.0

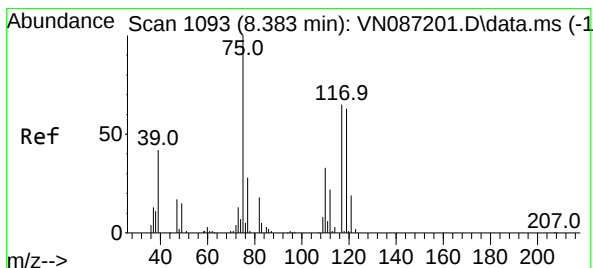
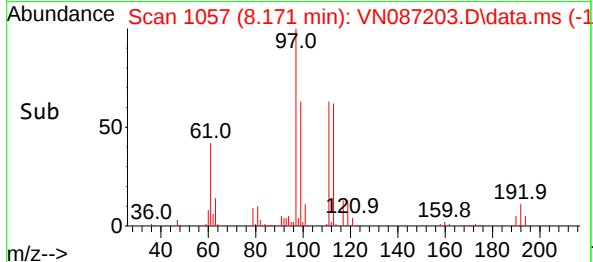
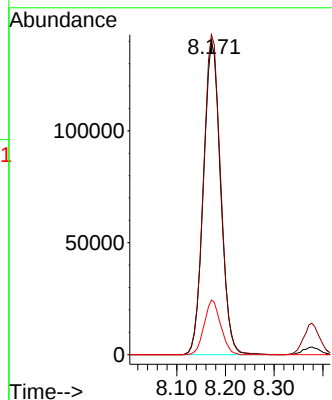
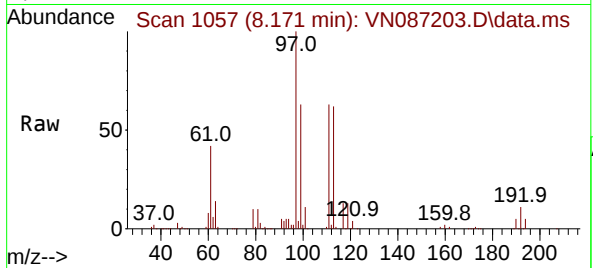




#35
Dibromofluoromethane
Concen: 148.011 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

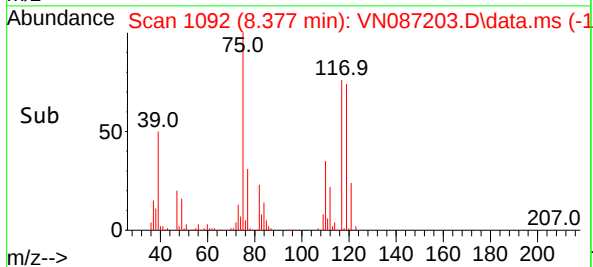
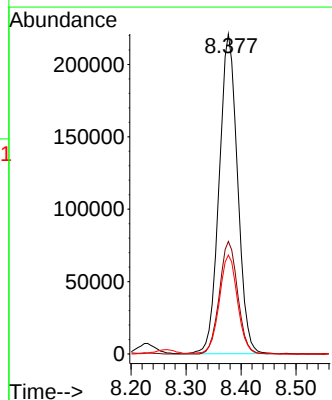
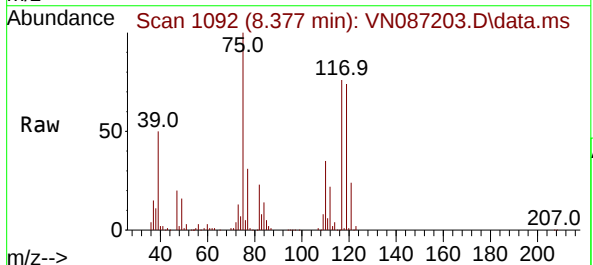
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

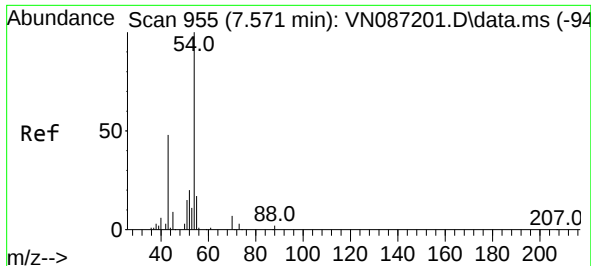
Tgt Ion:113 Resp: 340683
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 16.8 13.5 20.3



#36
1,1-Dichloropropene
Concen: 152.153 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

Tgt Ion: 75 Resp: 512975
Ion Ratio Lower Upper
75 100
110 34.9 16.9 50.6
77 30.8 24.7 37.1

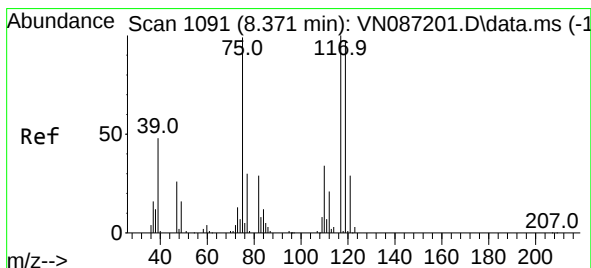
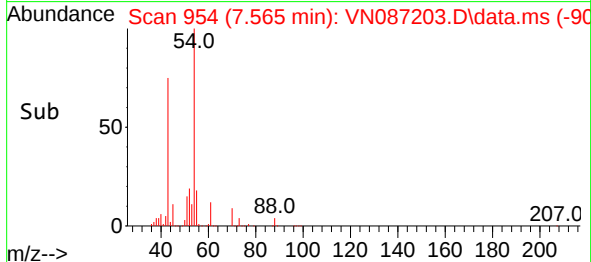
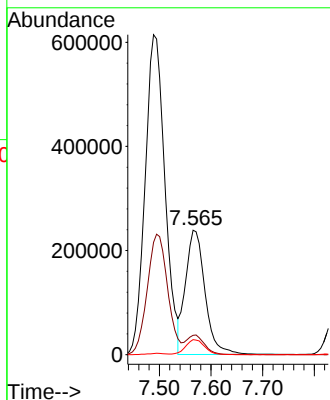
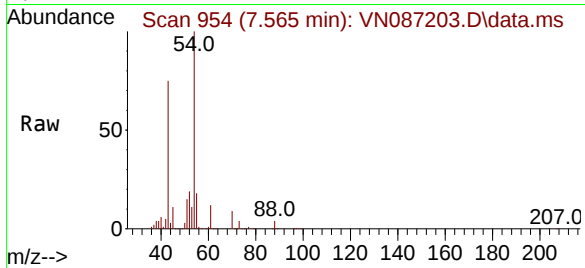




#37
Ethyl Acetate
Concen: 148.562 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

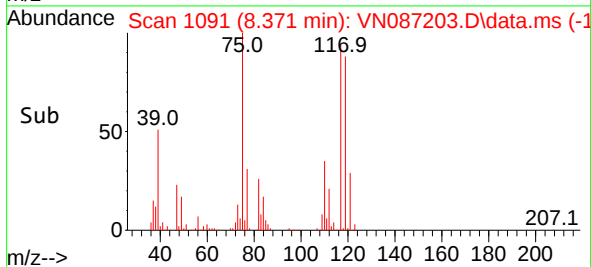
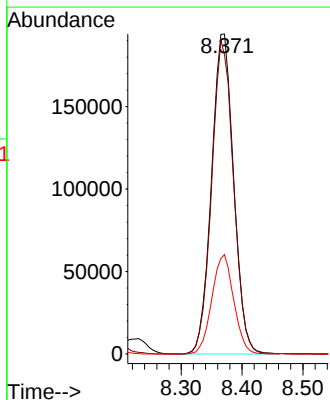
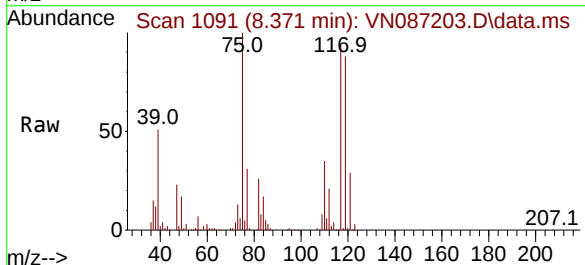
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

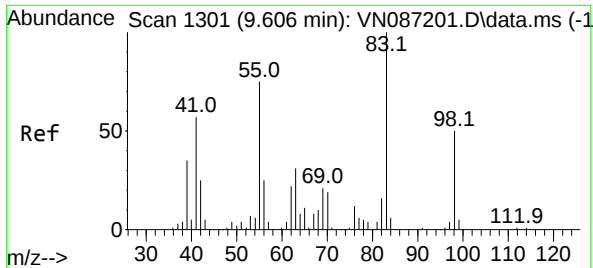
Tgt Ion: 43 Resp: 625496
Ion Ratio Lower Upper
43 100
61 13.8 10.8 16.2
70 11.8 8.9 13.3



#38
Carbon Tetrachloride
Concen: 149.464 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

Tgt Ion: 117 Resp: 490767
Ion Ratio Lower Upper
117 100
119 93.6 77.4 116.0
121 31.0 23.2 34.8

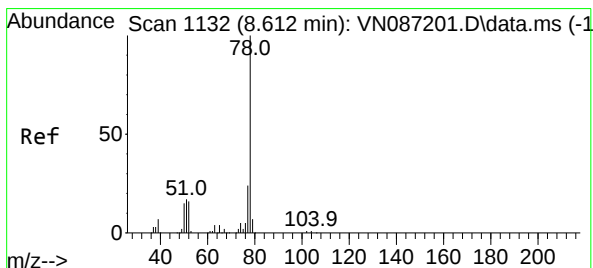
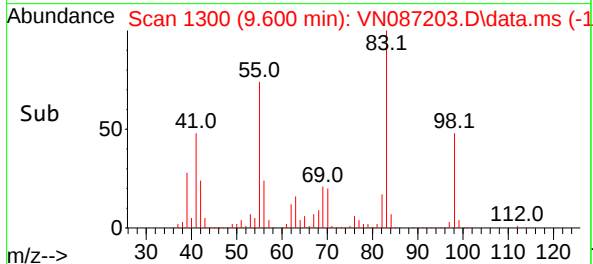
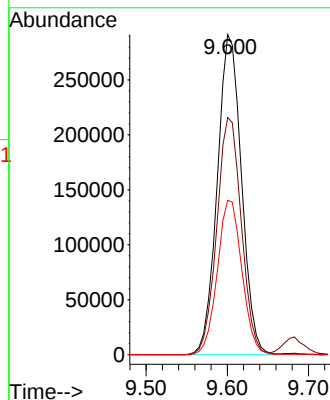
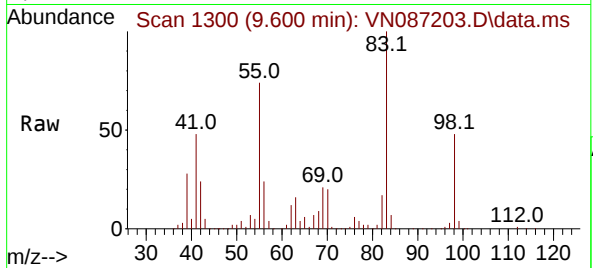




#39
Methylcyclohexane
Concen: 146.918 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. -0.006 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

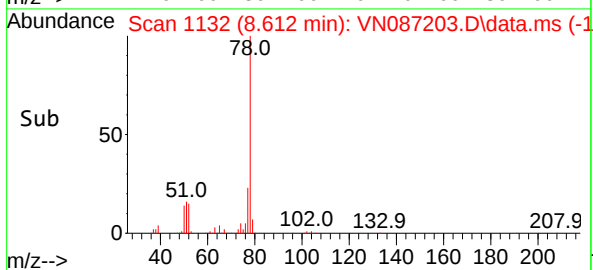
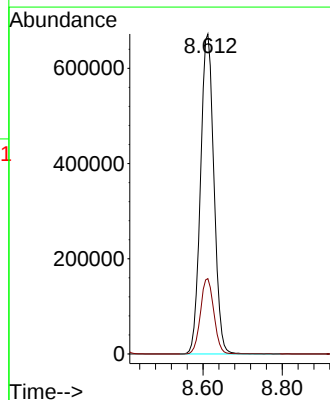
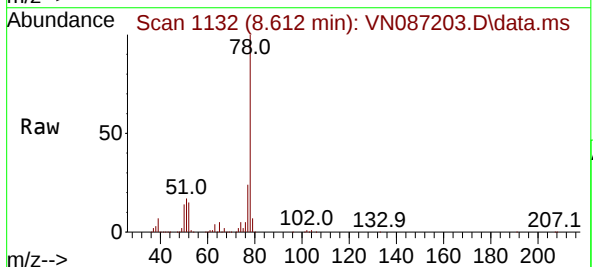
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

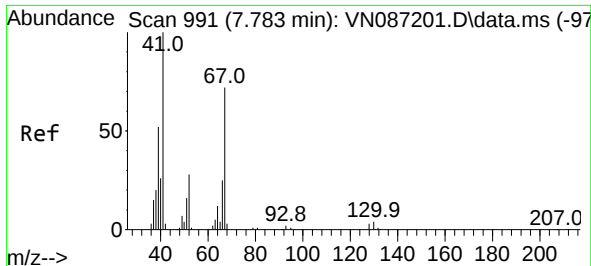
Tgt Ion: 83 Resp: 604337
Ion Ratio Lower Upper
83 100
55 74.2 59.8 89.8
98 48.2 39.8 59.8



#40
Benzene
Concen: 151.089 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

Tgt Ion: 78 Resp: 1573911
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6



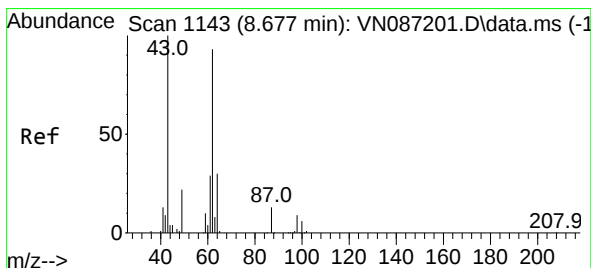
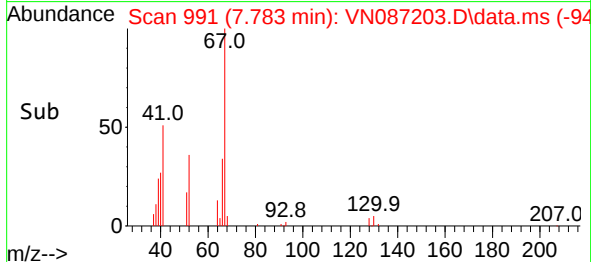
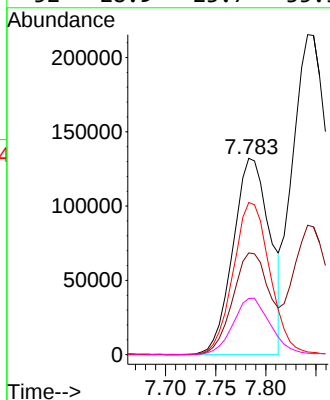
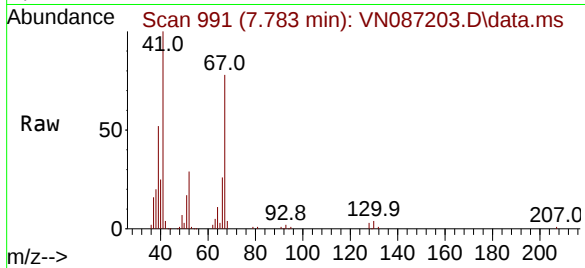


#41
Methacrylonitrile
Concen: 153.806 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 41 Resp: 339377

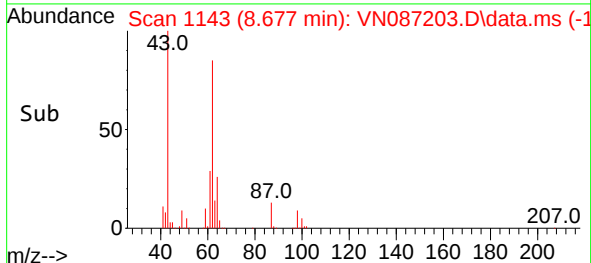
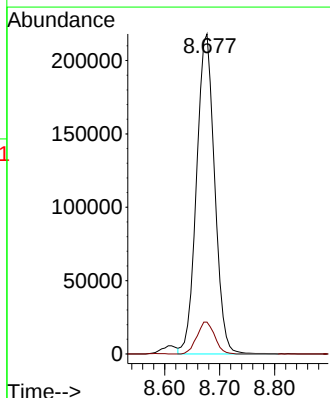
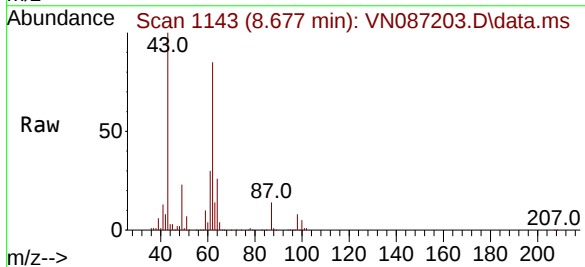
Ion	Ratio	Lower	Upper
41	100		
39	51.8	41.3	61.9
67	77.7	60.2	90.2
52	28.9	23.7	35.5

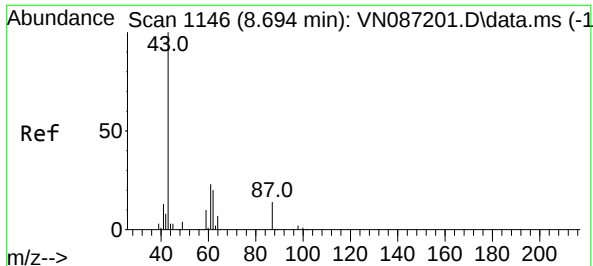


#42
1,2-Dichloroethane
Concen: 146.874 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

Tgt Ion: 62 Resp: 497391

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	18.4

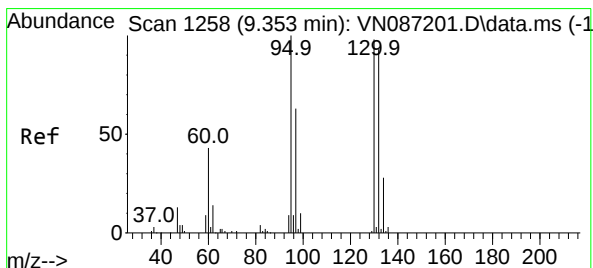
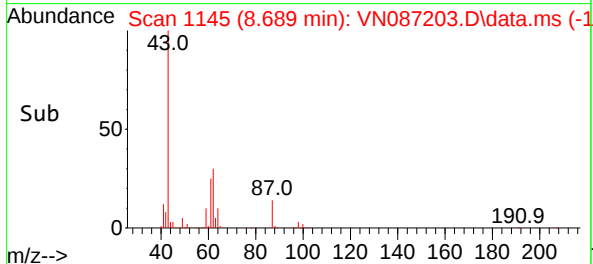
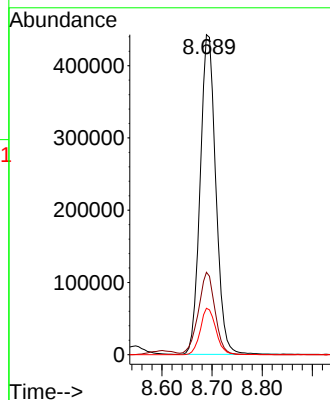
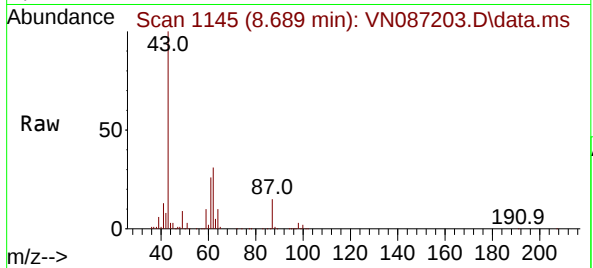




#43
Isopropyl Acetate
Concen: 154.798 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

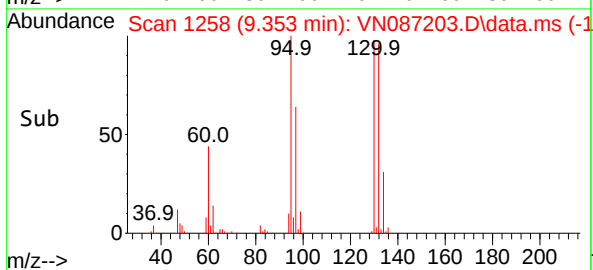
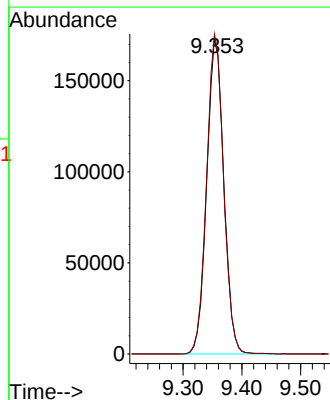
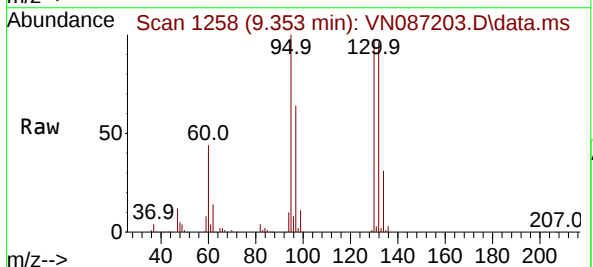
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

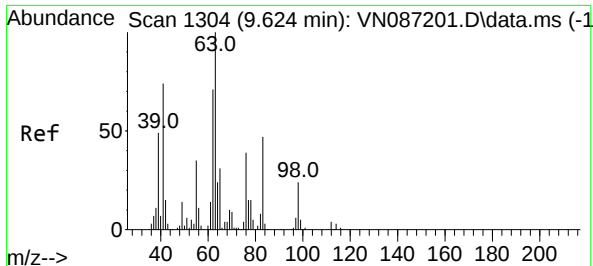
Tgt Ion: 43 Resp: 959465
Ion Ratio Lower Upper
43 100
61 27.7 21.0 31.6
87 14.5 11.0 16.6



#44
Trichloroethene
Concen: 139.373 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

Tgt Ion:130 Resp: 347618
Ion Ratio Lower Upper
130 100
95 101.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 138.294 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN087203.D

Acq: 26 Jun 2025 18:39

Instrument :

MSVOA_N

ClientSampleId :

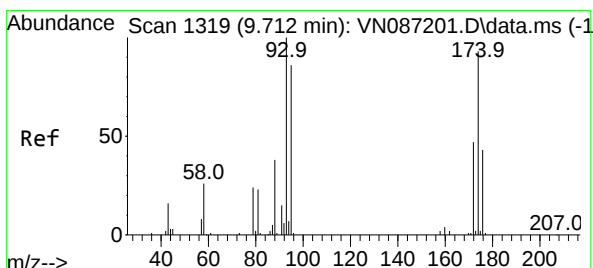
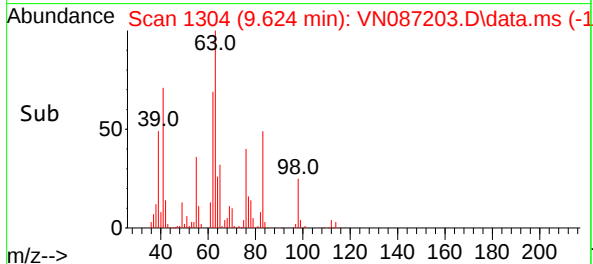
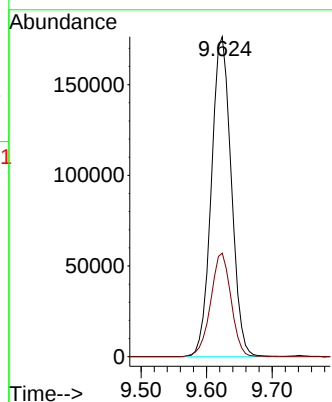
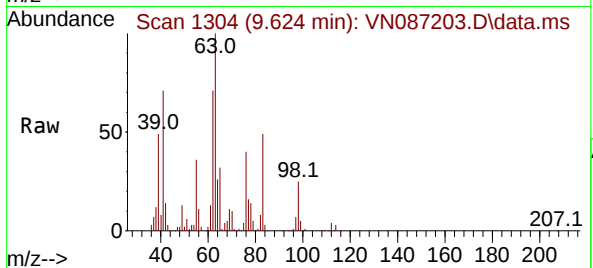
VSTDIC150

Tgt Ion: 63 Resp: 371334

Ion Ratio Lower Upper

63 100

65 32.3 24.7 37.1



#46

Dibromomethane

Concen: 127.508 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN087203.D

Acq: 26 Jun 2025 18:39

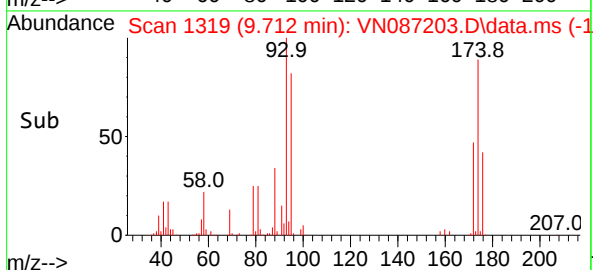
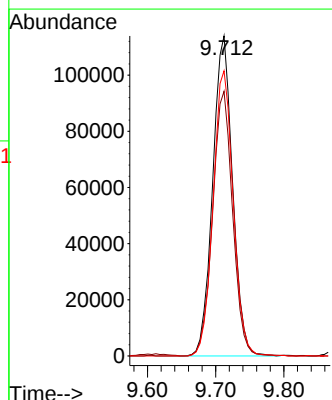
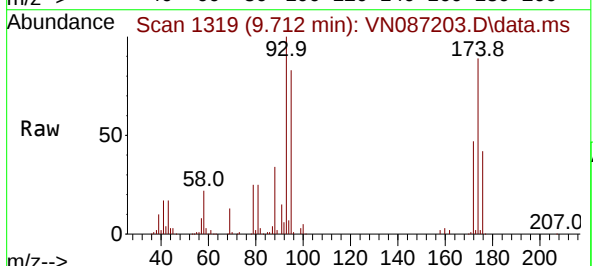
Tgt Ion: 93 Resp: 232019

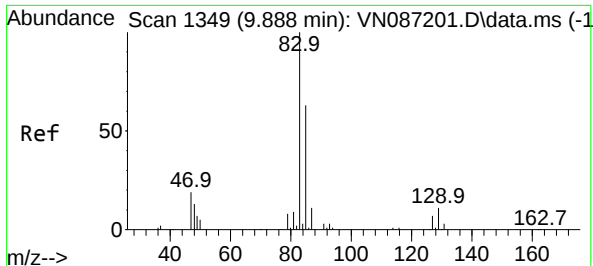
Ion Ratio Lower Upper

93 100

95 83.0 67.4 101.2

174 90.0 72.3 108.5

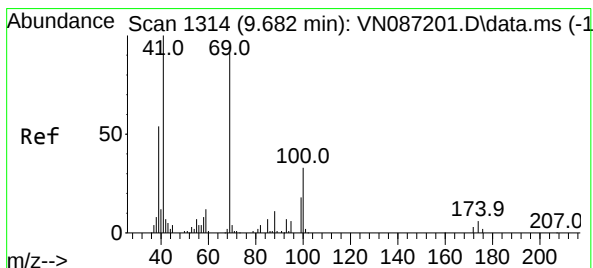
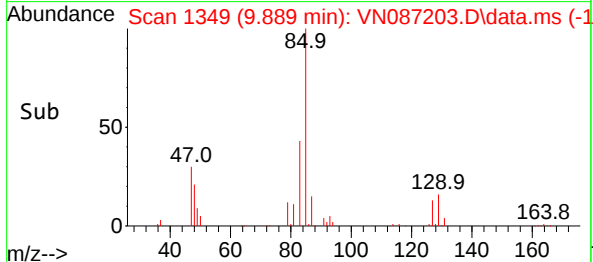
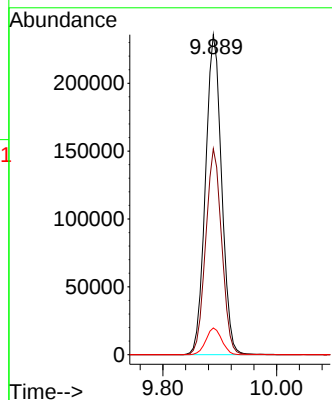
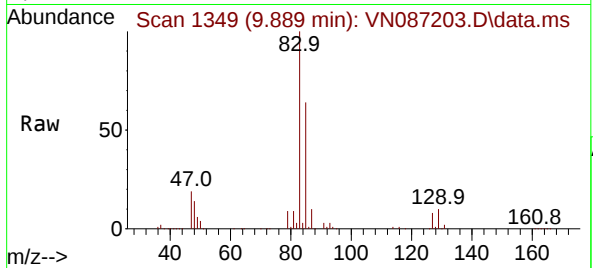




#47
Bromodichloromethane
Concen: 126.912 ug/l
RT: 9.889 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

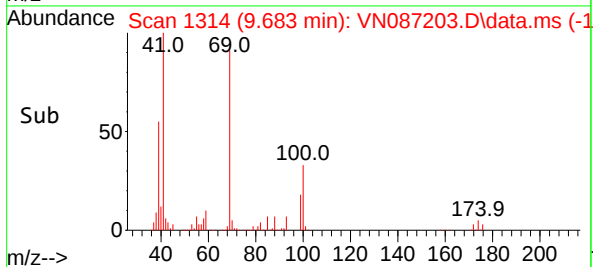
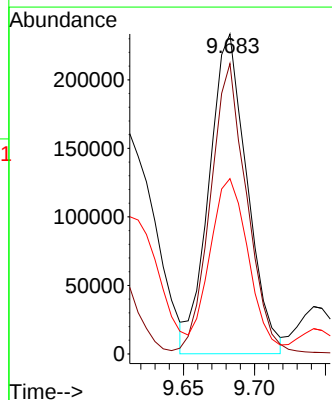
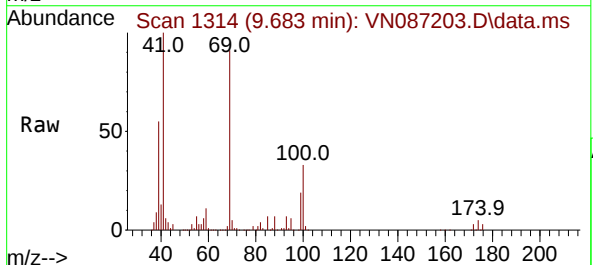
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

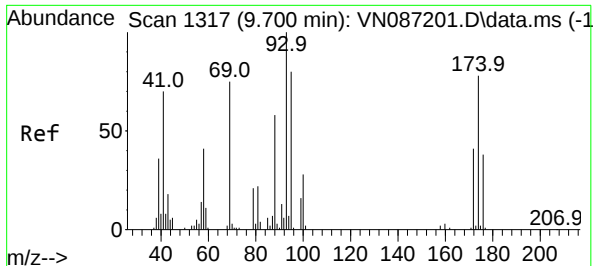
Tgt Ion: 83 Resp: 463803
Ion Ratio Lower Upper
83 100
85 64.3 50.0 75.0
127 8.4 6.0 9.0



#48
Methyl methacrylate
Concen: 144.807 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

Tgt Ion: 41 Resp: 433941
Ion Ratio Lower Upper
41 100
69 87.2 69.9 104.9
39 56.0 43.8 65.6





#49

1,4-Dioxane

Concen: 2998.429 ug/l

RT: 9.706 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087203.D

Acq: 26 Jun 2025 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

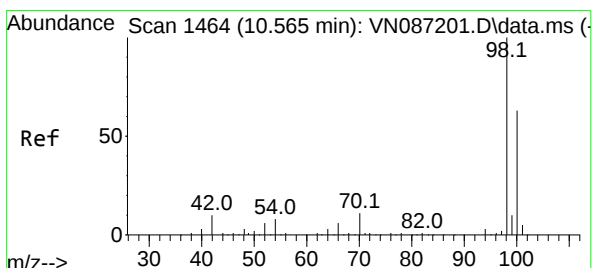
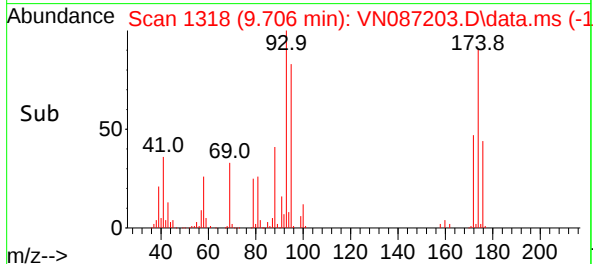
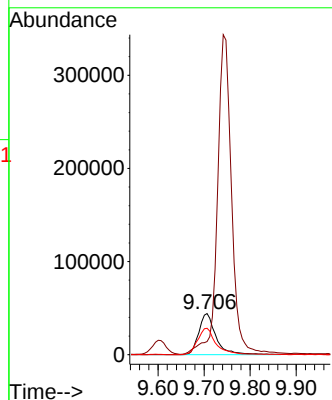
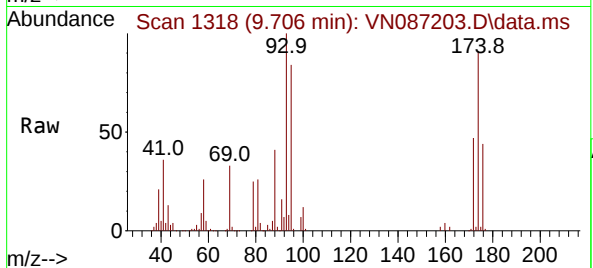
Tgt Ion: 88 Resp: 114922

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 69.8 59.2 88.8



#50

Toluene-d8

Concen: 141.181 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN087203.D

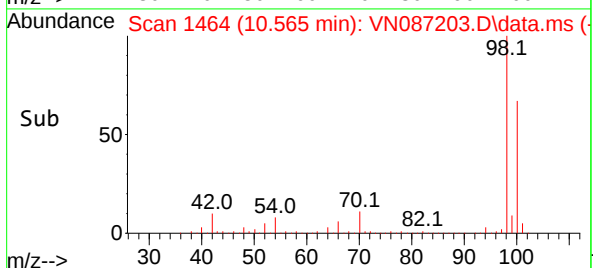
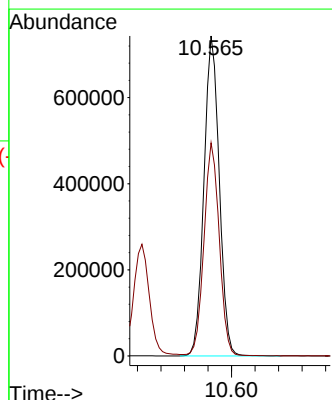
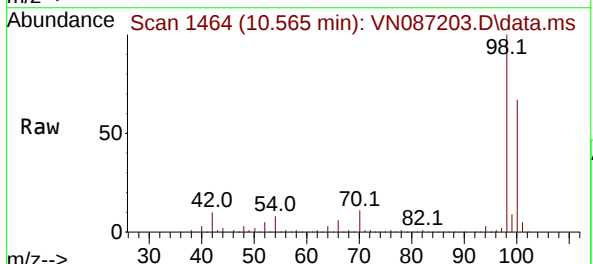
Acq: 26 Jun 2025 18:39

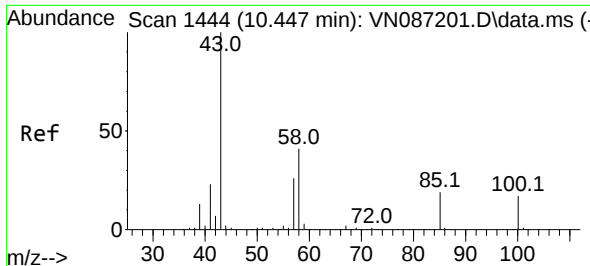
Tgt Ion: 98 Resp: 1344013

Ion Ratio Lower Upper

98 100

100 66.4 52.7 79.1

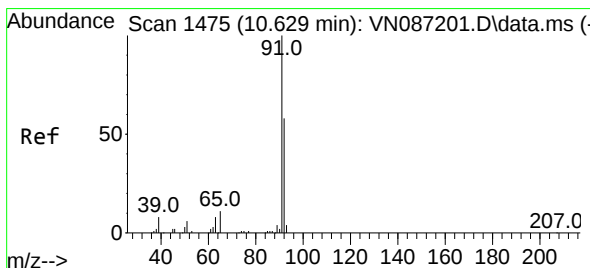
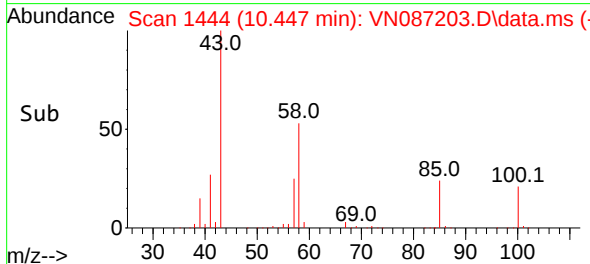
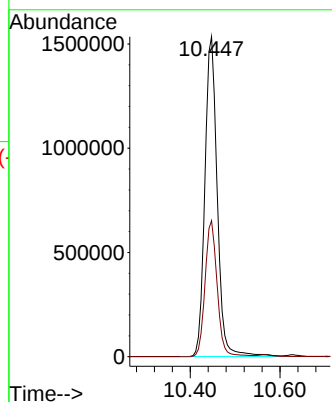
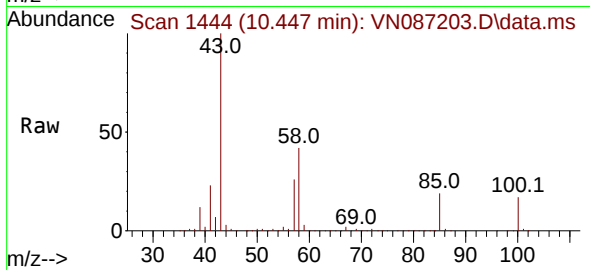




#51
4-Methyl-2-Pentanone
Concen: 753.465 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

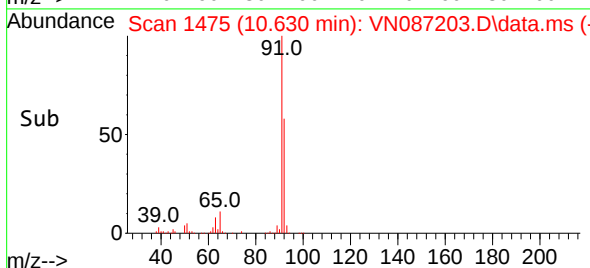
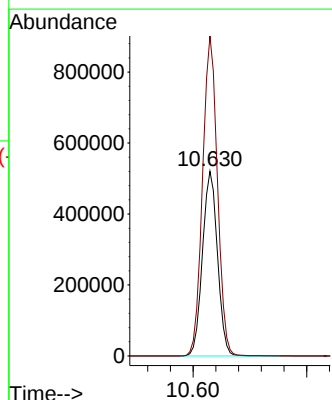
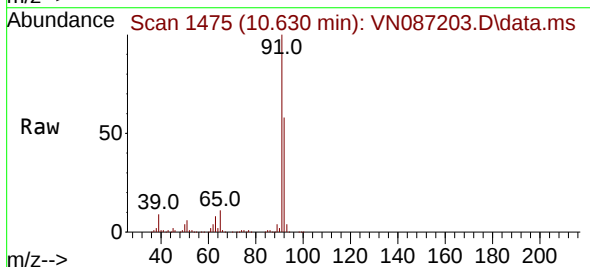
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

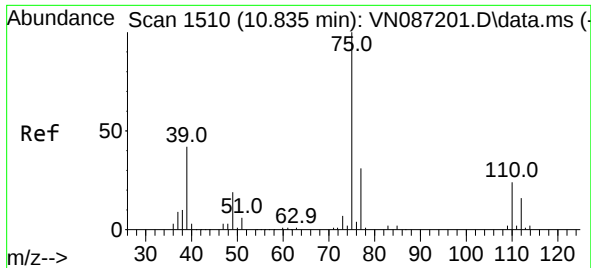
Tgt Ion: 43 Resp: 2939166
Ion Ratio Lower Upper
43 100
58 41.6 32.6 48.8



#52
Toluene
Concen: 142.827 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

Tgt Ion: 92 Resp: 951167
Ion Ratio Lower Upper
92 100
91 172.2 138.2 207.2

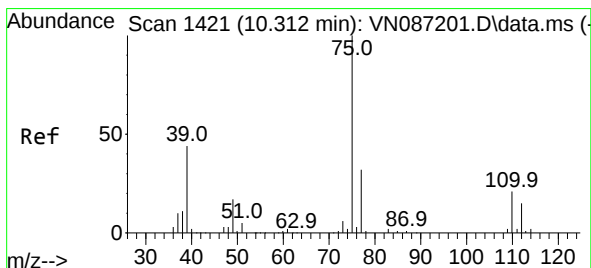
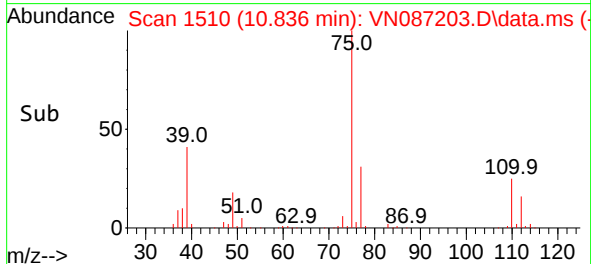
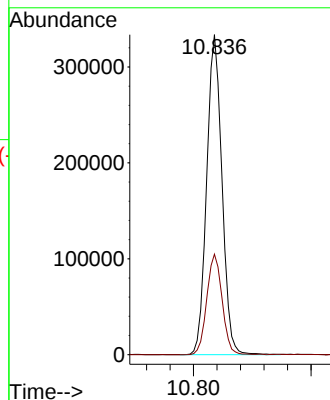
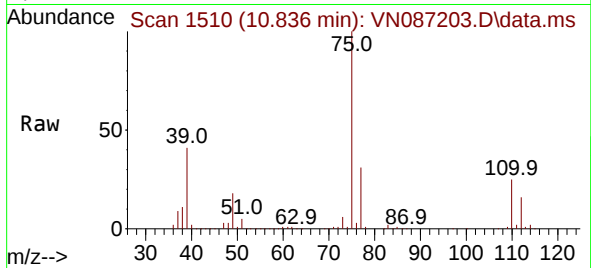




#53
 t-1,3-Dichloropropene
 Concen: 147.793 ug/l
 RT: 10.836 min Scan# 1510
 Delta R.T. 0.001 min
 Lab File: VN087203.D
 Acq: 26 Jun 2025 18:39

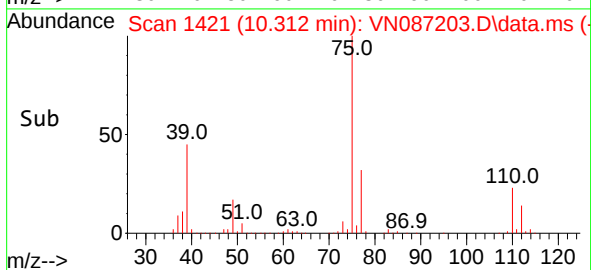
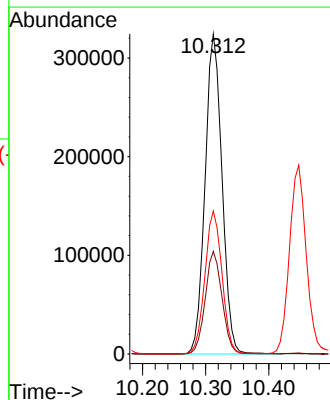
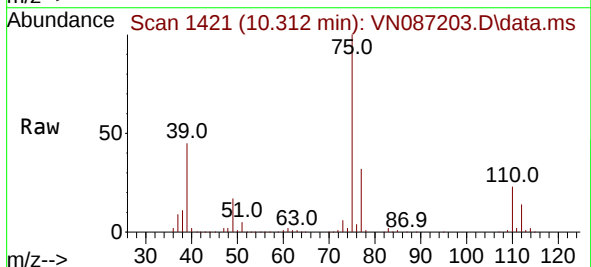
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

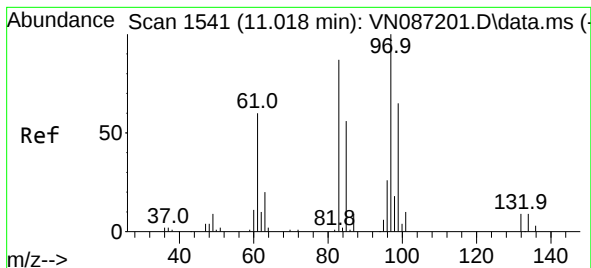
Tgt Ion: 75 Resp: 602242
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 139.609 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN087203.D
 Acq: 26 Jun 2025 18:39

Tgt Ion: 75 Resp: 605305
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.2
 39 44.6 34.9 52.3





#55

1,1,2-Trichloroethane

Concen: 138.331 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN087203.D

Acq: 26 Jun 2025 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 348410

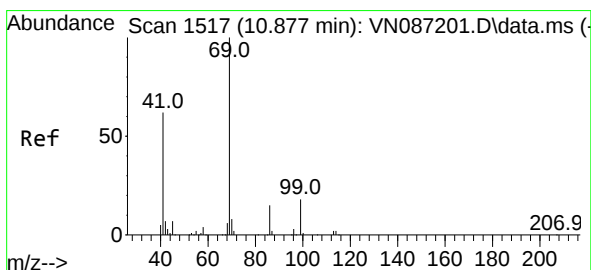
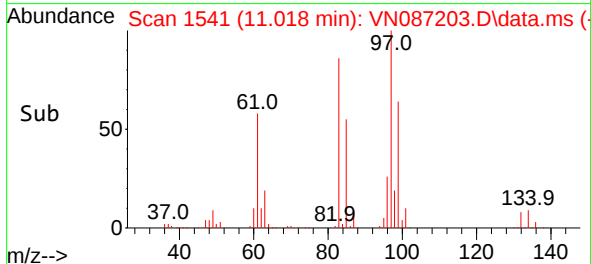
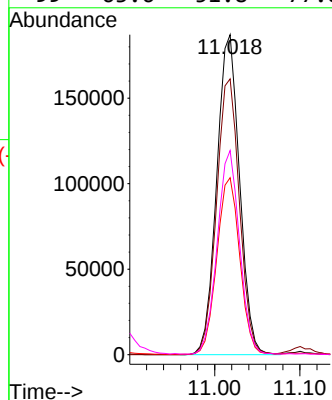
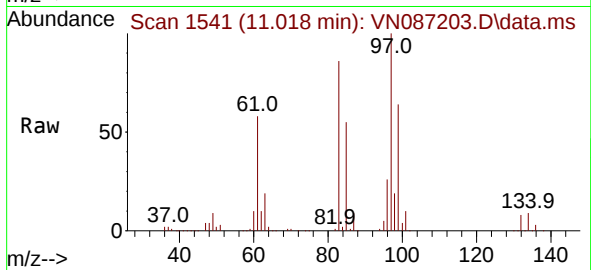
Ion Ratio Lower Upper

97 100

83 86.2 69.5 104.3

85 55.2 44.7 67.1

99 63.6 51.8 77.8



#56

Ethyl methacrylate

Concen: 148.985 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN087203.D

Acq: 26 Jun 2025 18:39

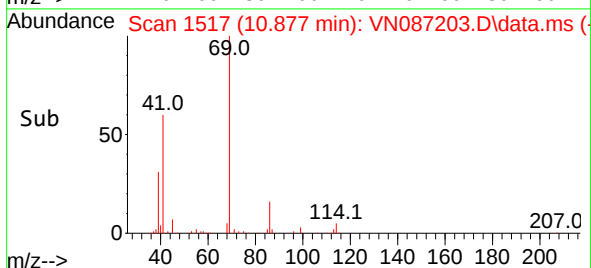
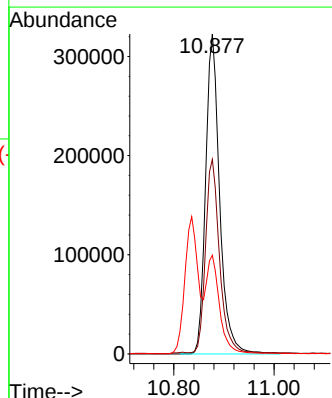
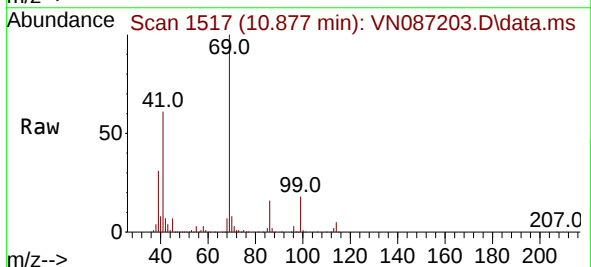
Tgt Ion: 69 Resp: 627769

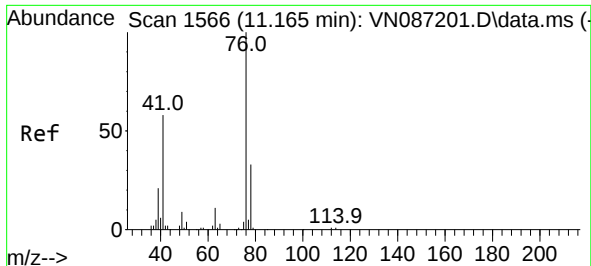
Ion Ratio Lower Upper

69 100

41 59.8 48.4 72.6

39 28.0 24.1 36.1

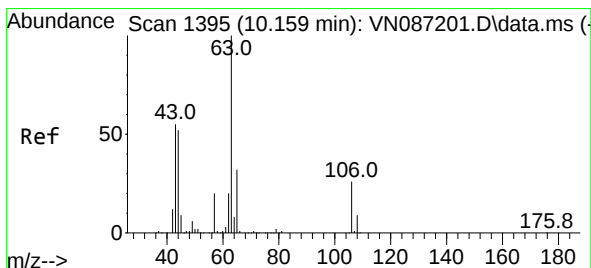
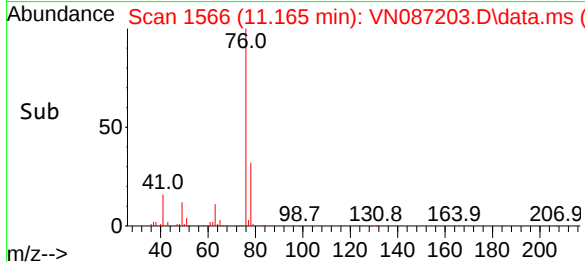
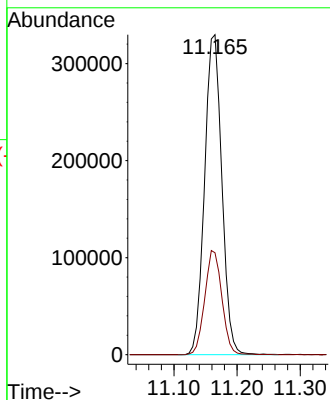
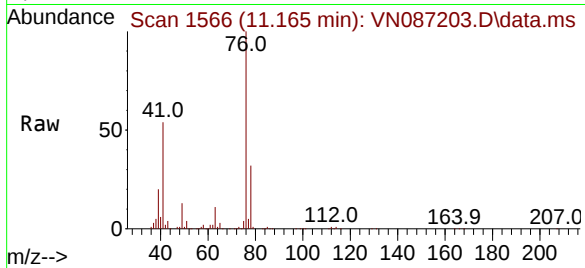




#57
1,3-Dichloropropane
Concen: 140.223 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

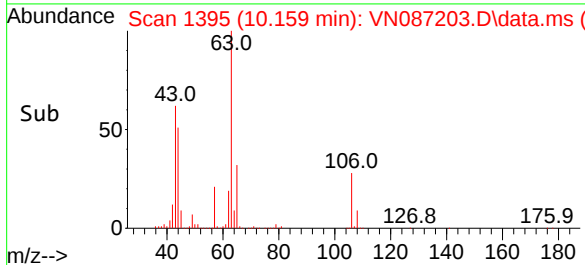
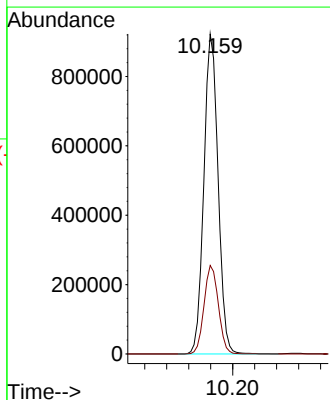
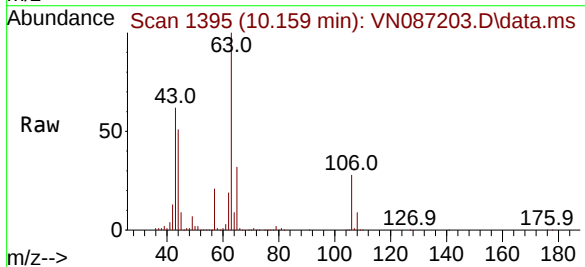
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

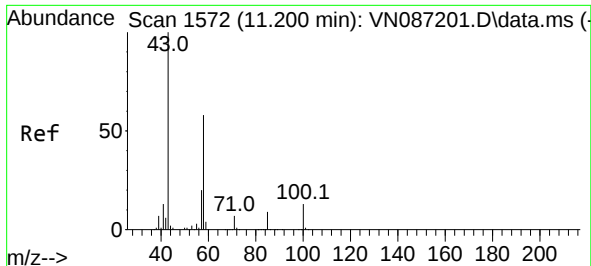
Tgt Ion: 76 Resp: 623966
Ion Ratio Lower Upper
76 100
78 32.3 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 729.641 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

Tgt Ion: 63 Resp: 1654524
Ion Ratio Lower Upper
63 100
106 27.9 21.7 32.5

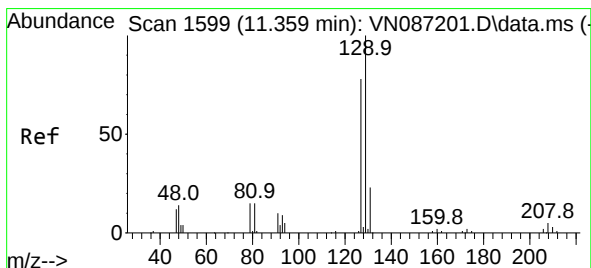
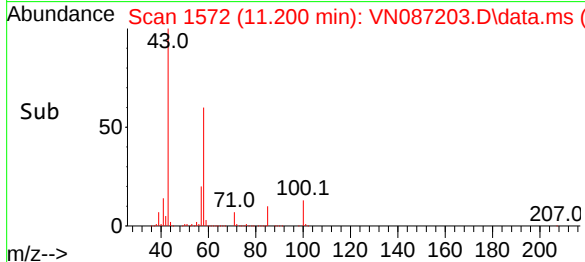
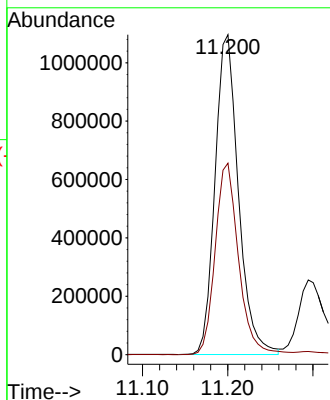
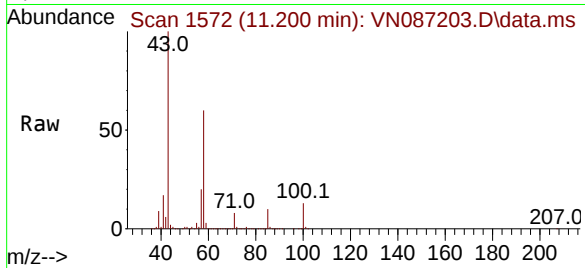




#59
2-Hexanone
Concen: 759.261 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

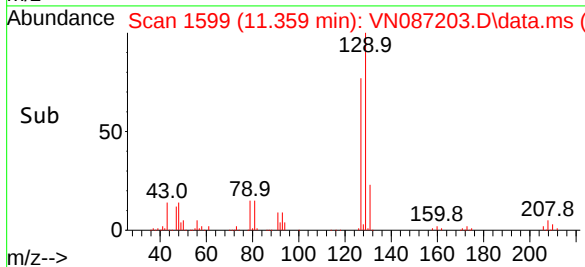
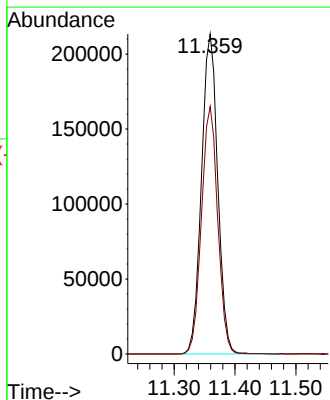
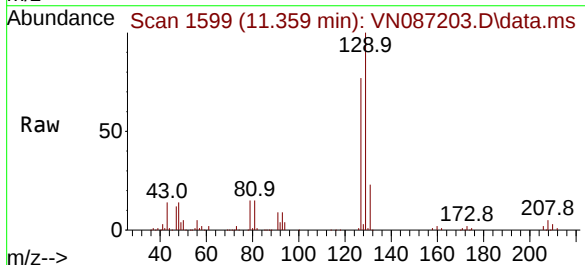
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

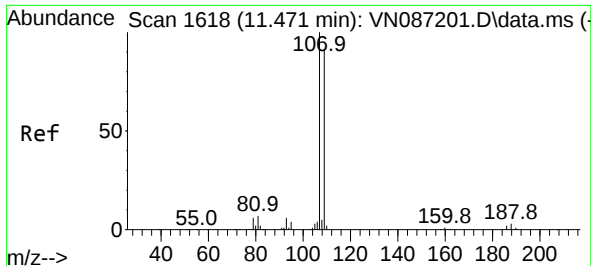
Tgt Ion: 43 Resp: 2093627
Ion Ratio Lower Upper
43 100
58 59.8 31.1 93.3



#60
Dibromochloromethane
Concen: 144.276 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

Tgt Ion:129 Resp: 395192
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.6

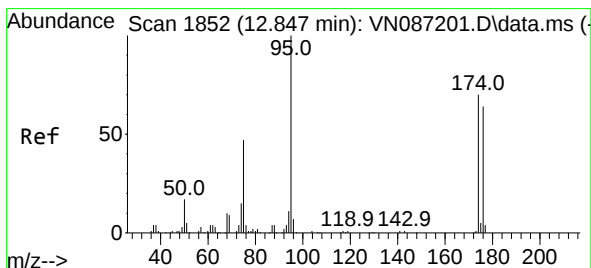
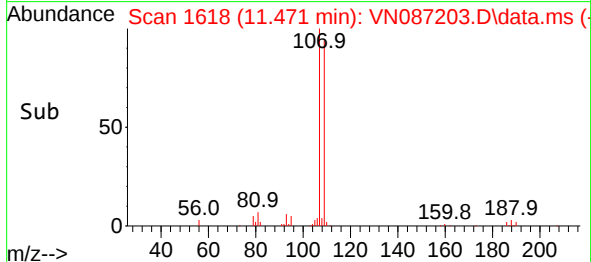
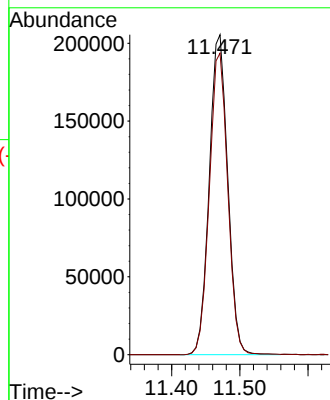
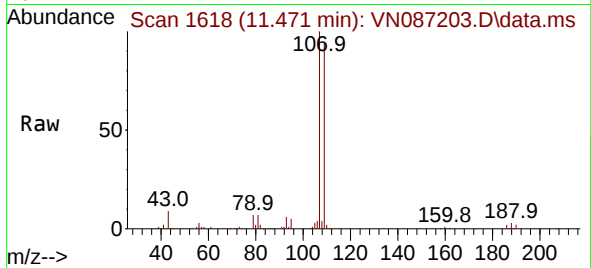




#61
1,2-Dibromoethane
Concen: 145.445 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

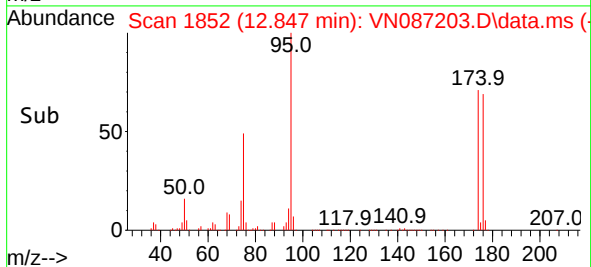
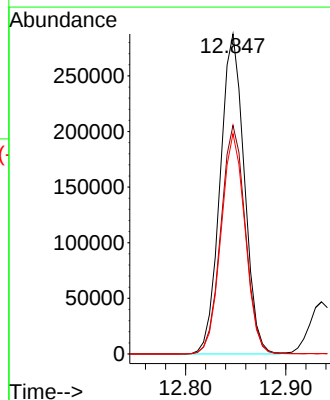
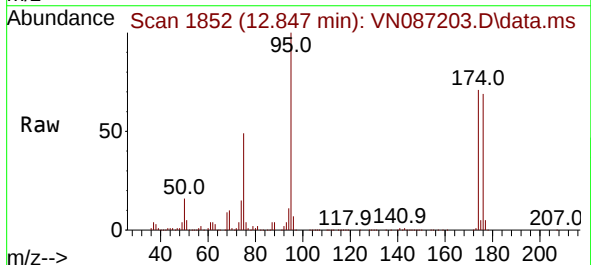
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

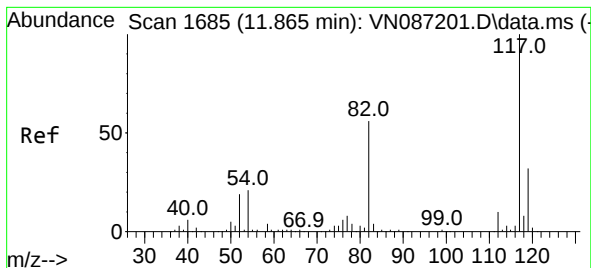
Tgt Ion:107 Resp: 387229
Ion Ratio Lower Upper
107 100
109 94.0 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 145.645 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

Tgt Ion: 95 Resp: 481106
Ion Ratio Lower Upper
95 100
174 72.2 0.0 142.2
176 68.7 0.0 134.8

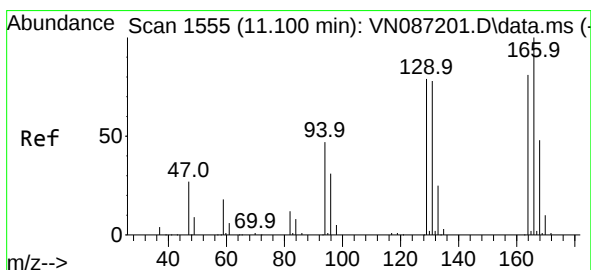
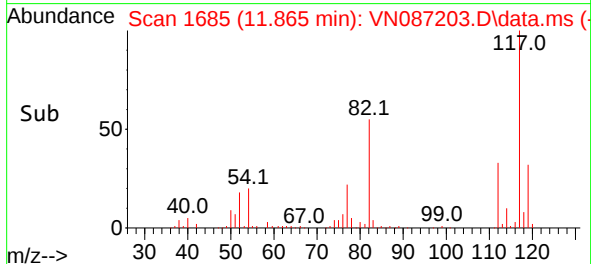
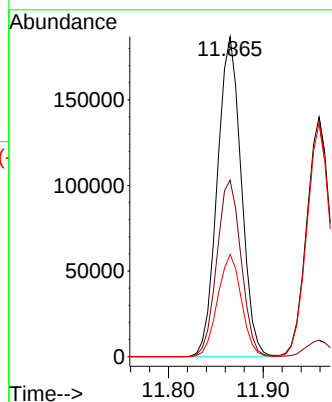
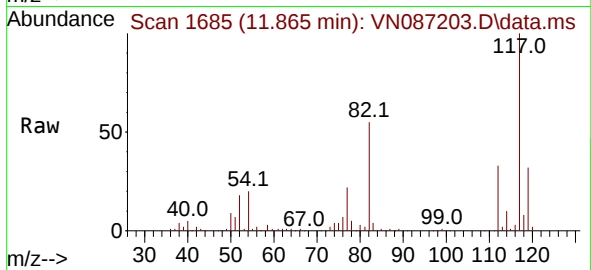




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

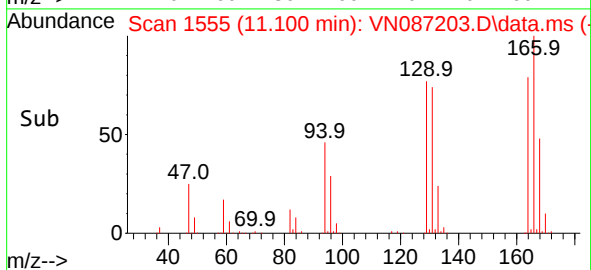
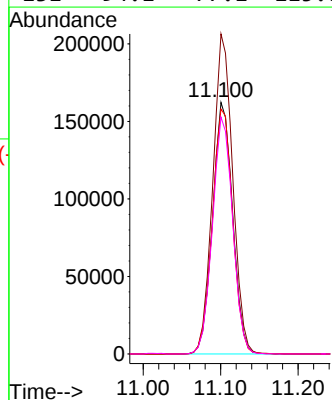
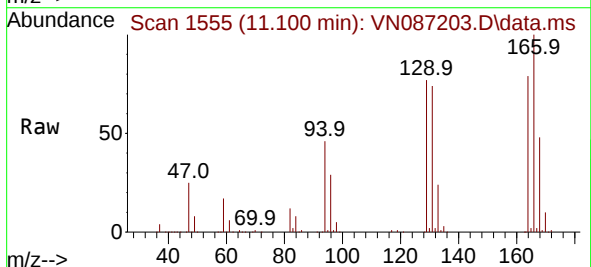
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

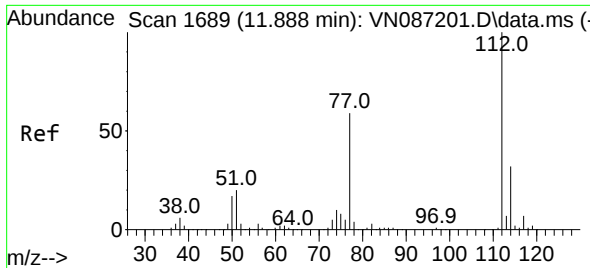
Tgt Ion:117 Resp: 328648
Ion Ratio Lower Upper
117 100
82 55.2 45.0 67.4
119 32.0 25.9 38.9



#64
Tetrachloroethene
Concen: 145.252 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

Tgt Ion:164 Resp: 292171
Ion Ratio Lower Upper
164 100
166 127.2 98.8 148.2
129 97.4 78.3 117.5
131 94.1 77.1 115.7

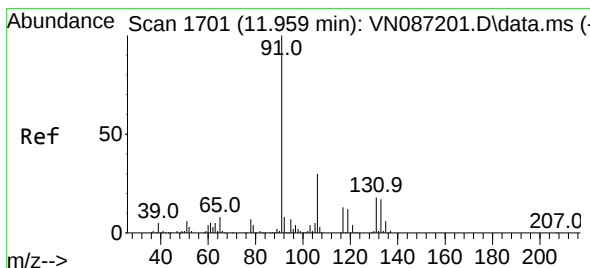
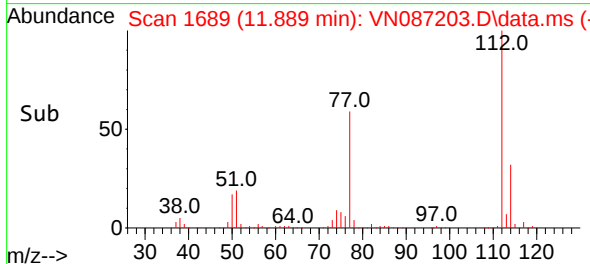
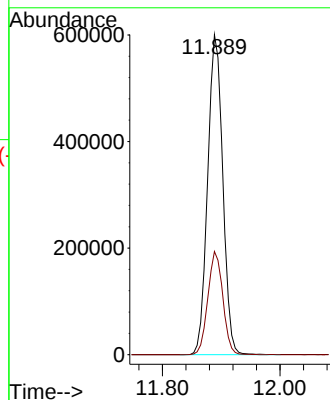
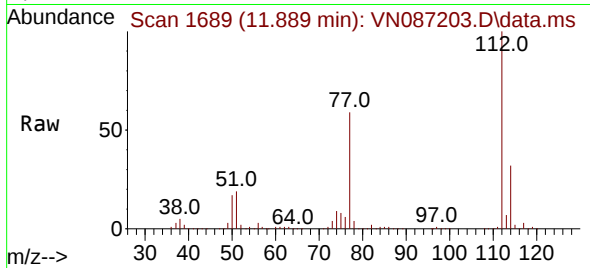




#65
Chlorobenzene
Concen: 146.754 ug/l
RT: 11.889 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

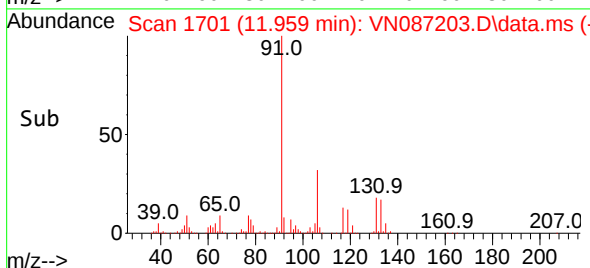
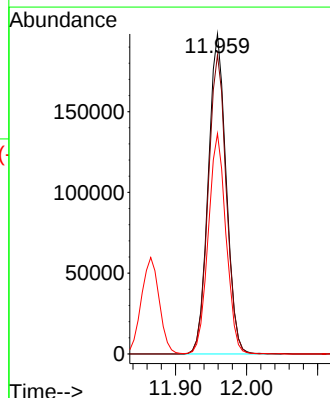
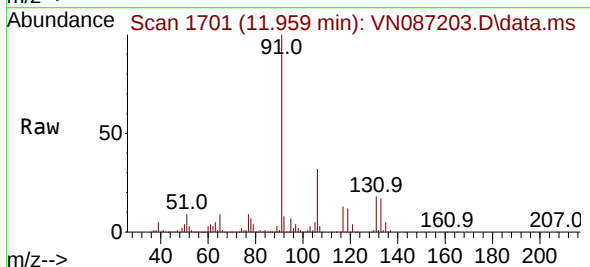
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

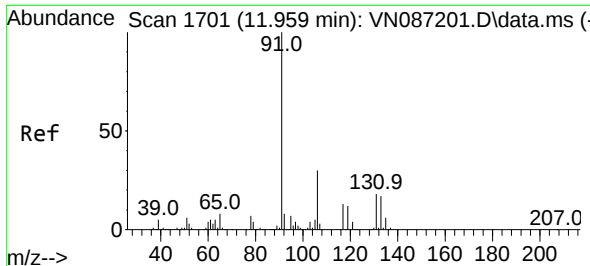
Tgt Ion:112 Resp: 1069785
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 149.097 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

Tgt Ion:131 Resp: 347159
Ion Ratio Lower Upper
131 100
133 94.5 47.9 143.6
119 68.2 34.6 103.9

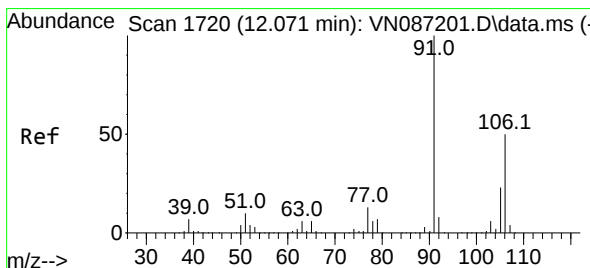
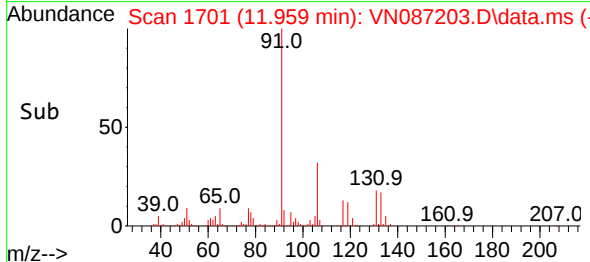
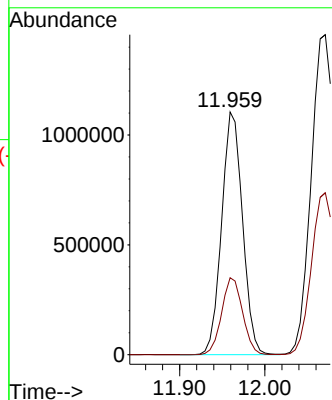
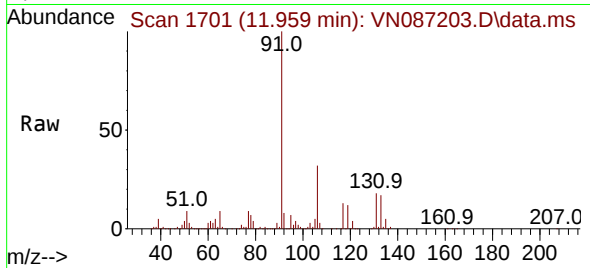




#67
Ethyl Benzene
Concen: 154.721 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

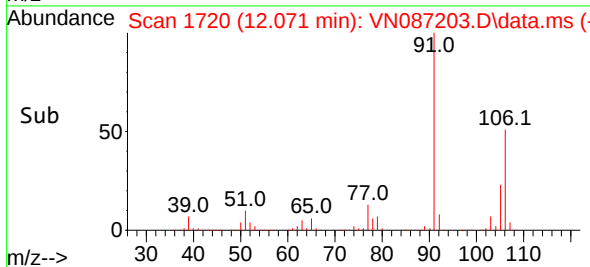
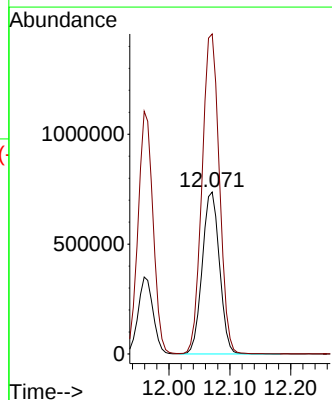
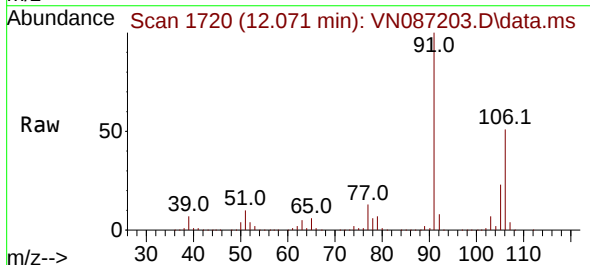
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

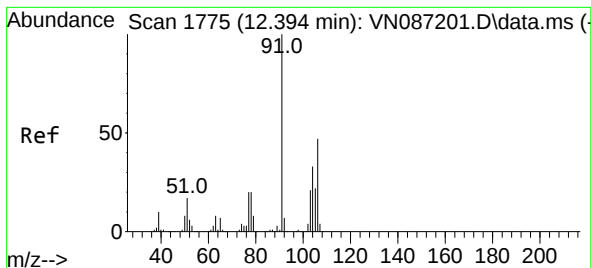
Tgt Ion: 91 Resp: 1881023
Ion Ratio Lower Upper
91 100
106 31.7 24.2 36.2



#68
m/p-Xylenes
Concen: 311.323 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

Tgt Ion:106 Resp: 1448222
Ion Ratio Lower Upper
106 100
91 199.3 161.0 241.6

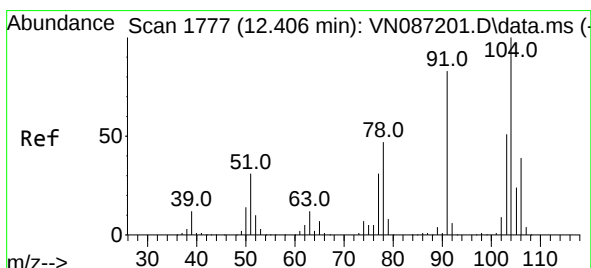
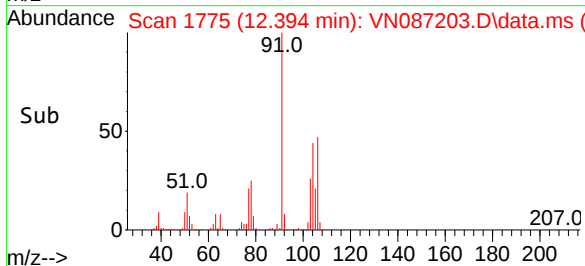
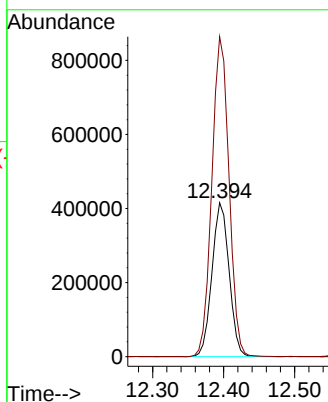
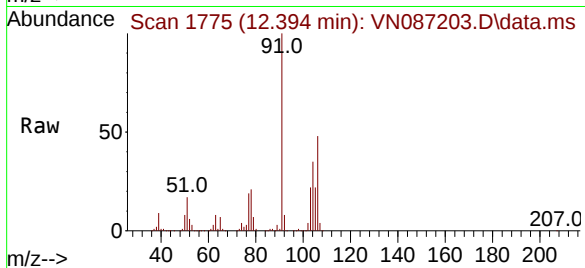




#69
o-Xylene
Concen: 164.232 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

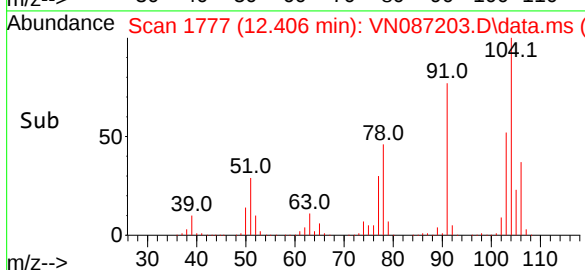
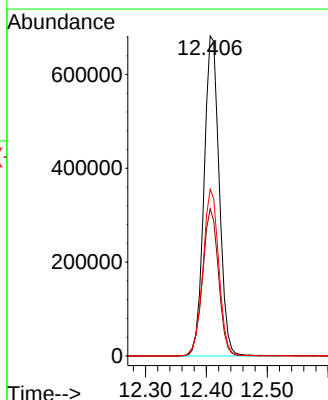
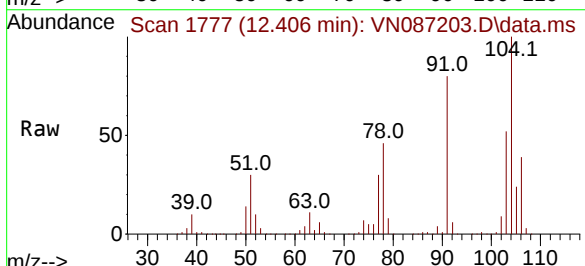
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

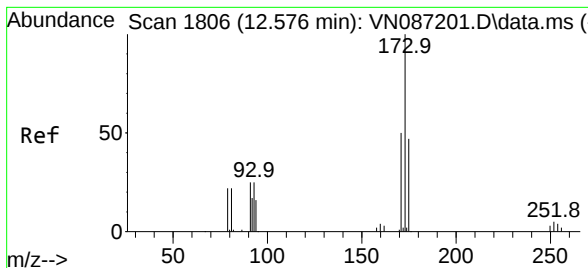
Tgt Ion:106 Resp: 694497
Ion Ratio Lower Upper
106 100
91 208.2 106.7 320.1



#70
Styrene
Concen: 162.922 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

Tgt Ion:104 Resp: 1182536
Ion Ratio Lower Upper
104 100
78 48.3 39.3 58.9
103 54.2 43.8 65.6





#71

Bromoform

Concen: 154.424 ug/l

RT: 12.577 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN087203.D

Acq: 26 Jun 2025 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

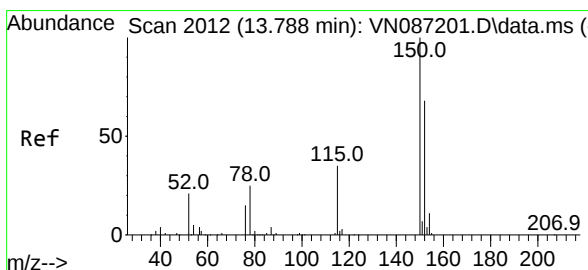
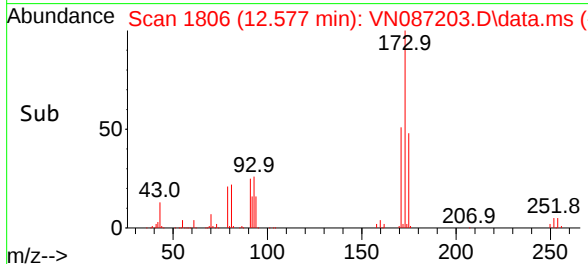
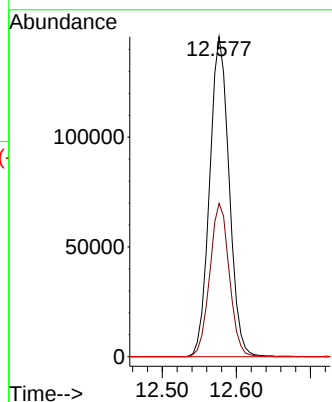
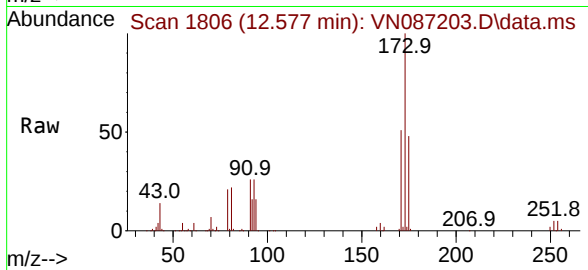
Tgt Ion:173 Resp: 266847

Ion Ratio Lower Upper

173 100

175 47.9 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: VN087203.D

Acq: 26 Jun 2025 18:39

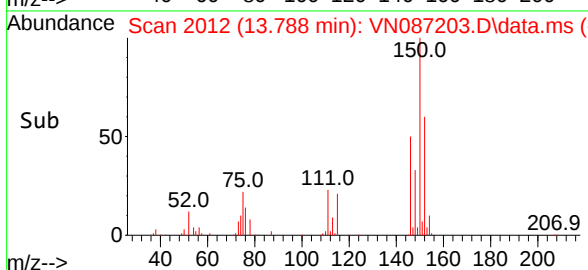
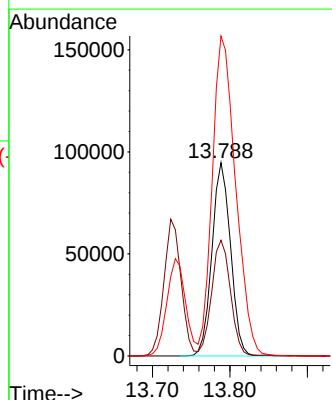
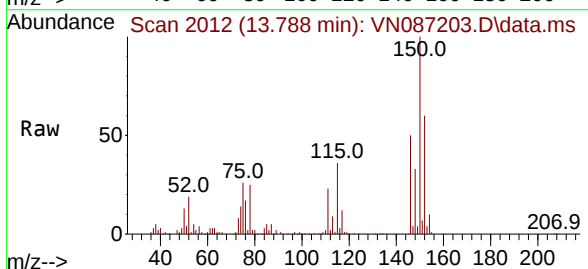
Tgt Ion:152 Resp: 157677

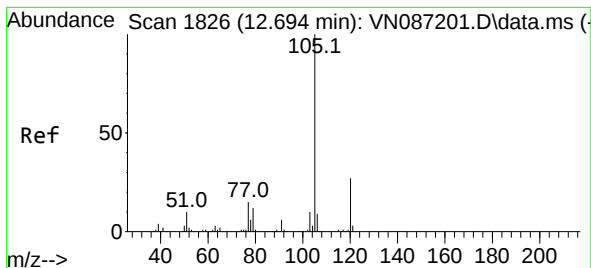
Ion Ratio Lower Upper

152 100

115 59.8 30.6 91.8

150 208.0 0.0 347.8





#73

Isopropylbenzene

Concen: 159.311 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN087203.D

Acq: 26 Jun 2025 18:39

Instrument :

MSVOA_N

ClientSampleId :

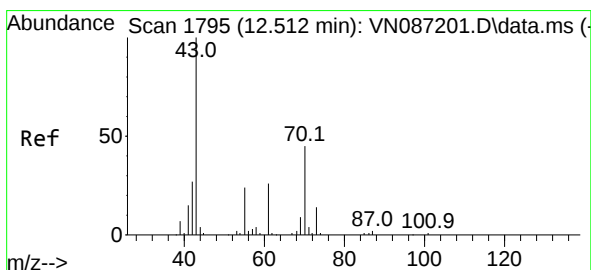
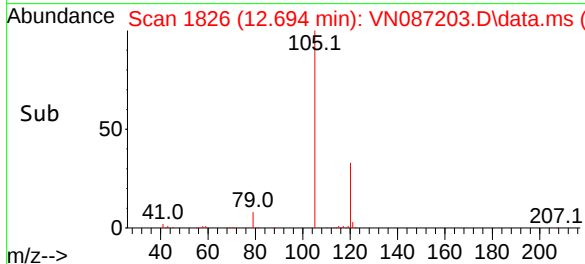
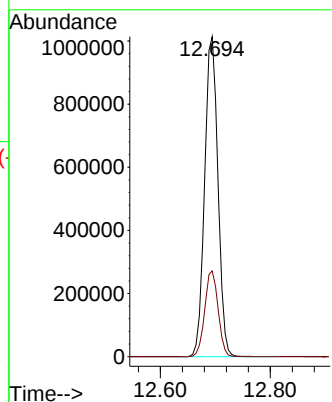
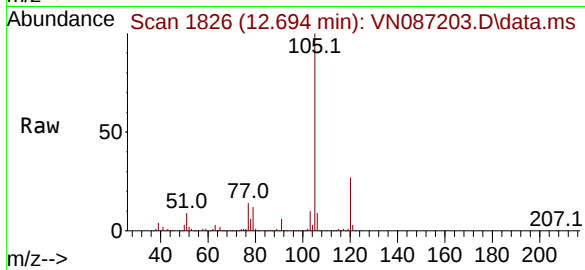
VSTDIC150

Tgt Ion:105 Resp: 1700504

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 160.740 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. -0.011 min

Lab File: VN087203.D

Acq: 26 Jun 2025 18:39

Tgt Ion: 43 Resp: 633991

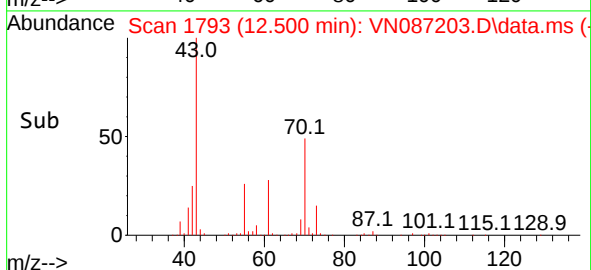
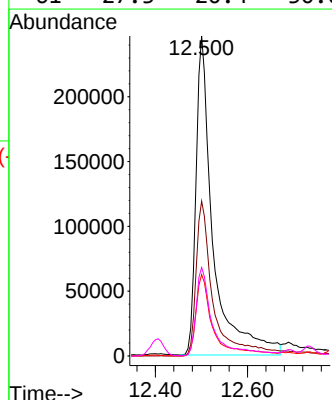
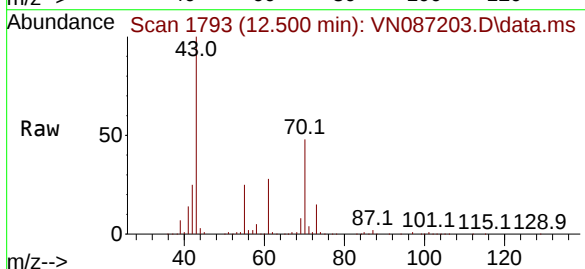
Ion Ratio Lower Upper

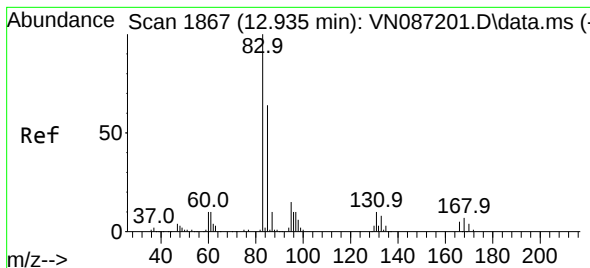
43 100

70 50.3 32.8 49.2#

55 25.5 16.4 24.6#

61 27.3 20.4 30.6





#75

1,1,2,2-Tetrachloroethane

Concen: 145.814 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN087203.D

Acq: 26 Jun 2025 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

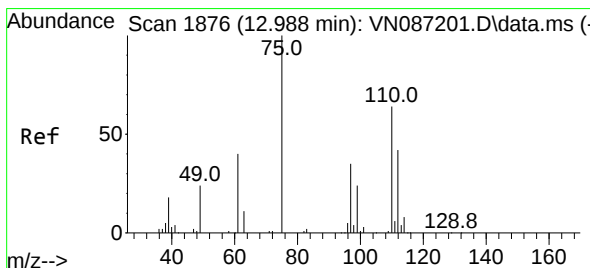
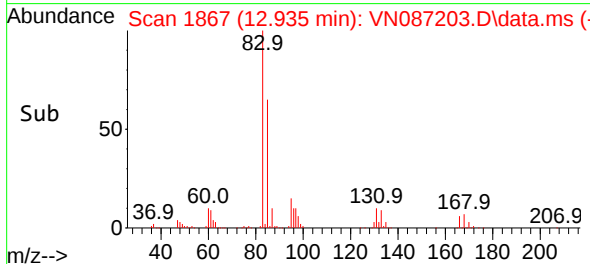
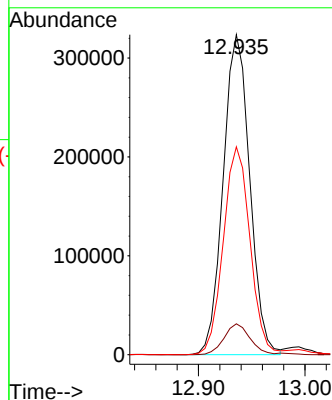
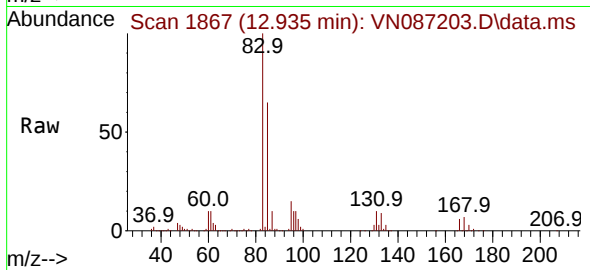
Tgt Ion: 83 Resp: 560580

Ion Ratio Lower Upper

83 100

131 9.7 4.8 14.4

85 65.2 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 210.882 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN087203.D

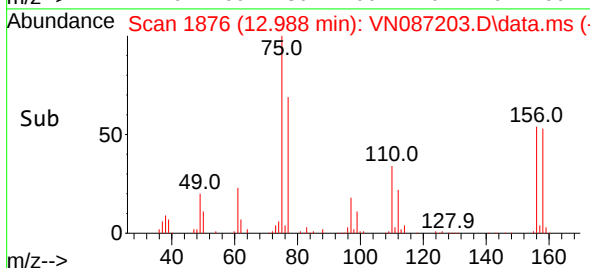
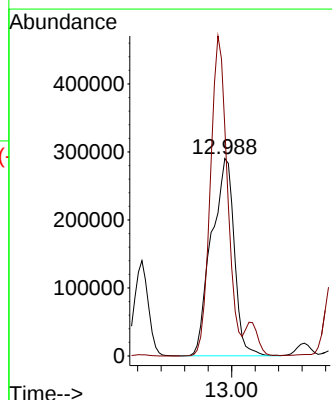
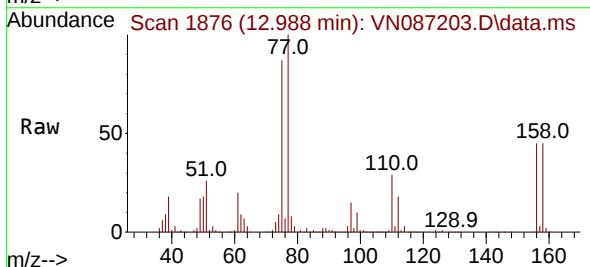
Acq: 26 Jun 2025 18:39

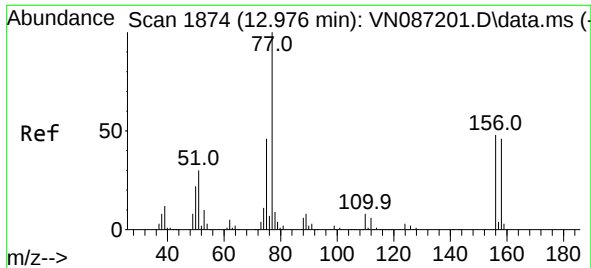
Tgt Ion: 75 Resp: 782248

Ion Ratio Lower Upper

75 100

77 120.9 85.5 256.6

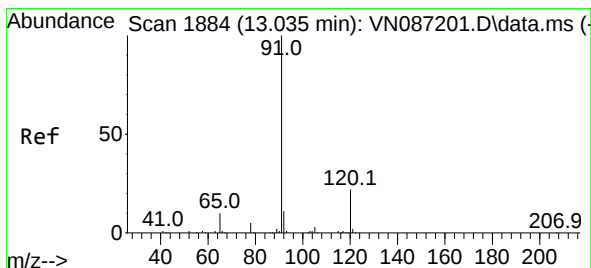
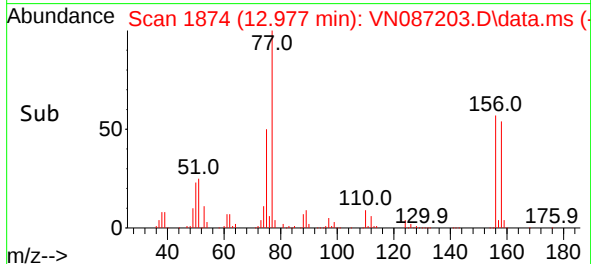
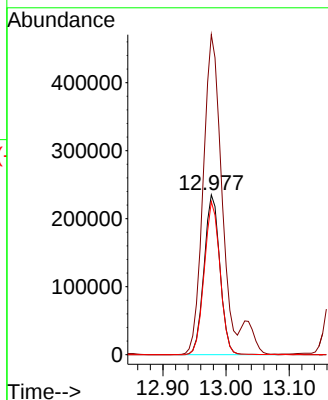
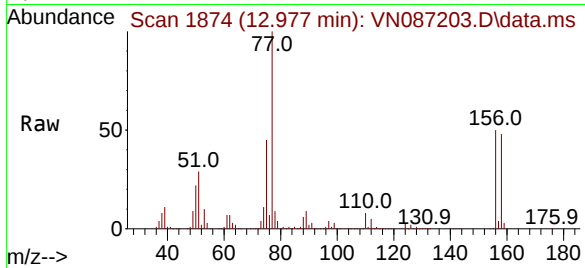




#77
Bromobenzene
Concen: 157.709 ug/l
RT: 12.977 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

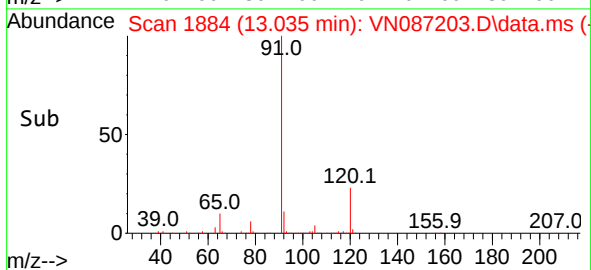
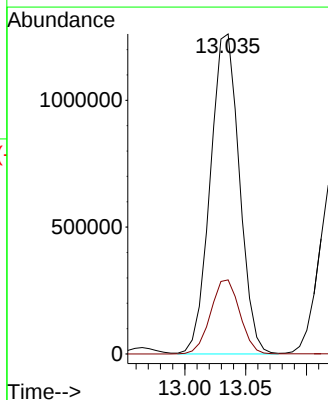
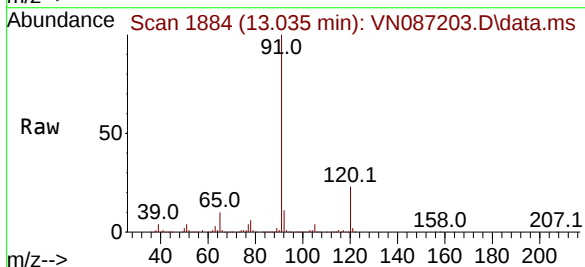
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

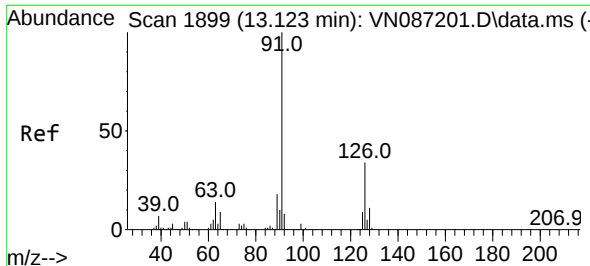
Tgt Ion:156 Resp: 409121
Ion Ratio Lower Upper
156 100
77 231.1 119.6 358.9
158 95.2 48.6 145.9



#78
n-propylbenzene
Concen: 159.536 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

Tgt Ion: 91 Resp: 2097413
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4

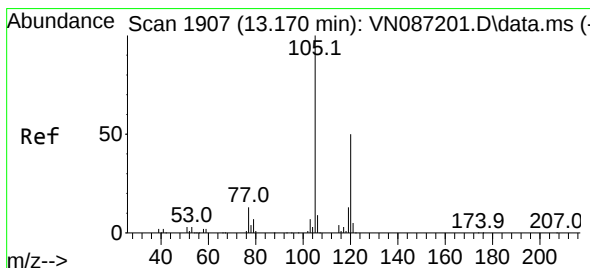
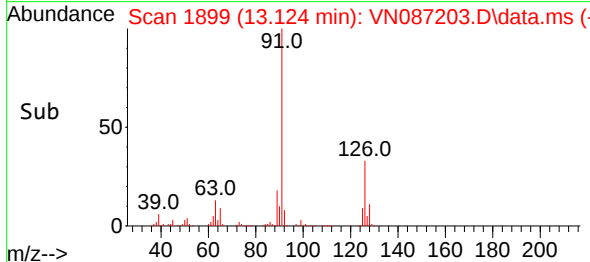
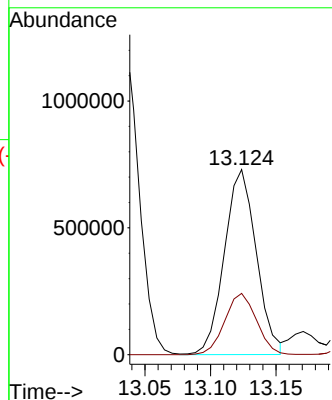
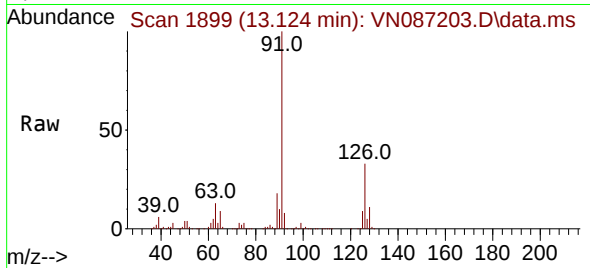




#79
2-Chlorotoluene
Concen: 151.117 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

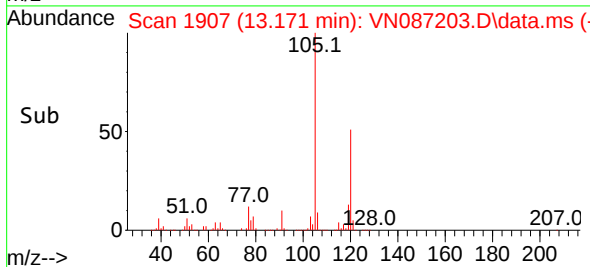
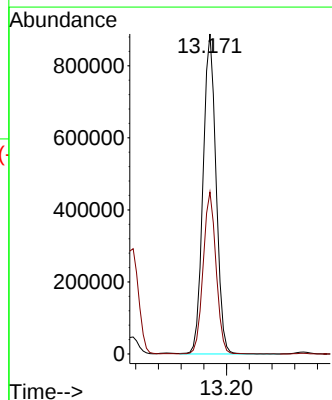
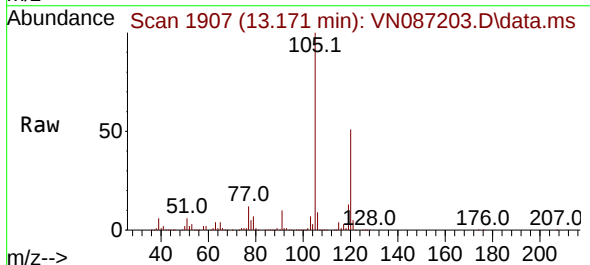
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

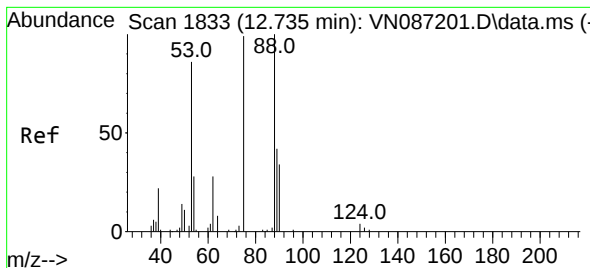
Tgt Ion: 91 Resp: 1236767
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.4



#80
1,3,5-Trimethylbenzene
Concen: 159.795 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

Tgt Ion: 105 Resp: 1408077
Ion Ratio Lower Upper
105 100
120 50.3 25.1 75.3

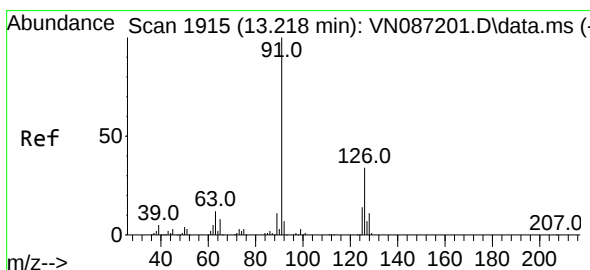
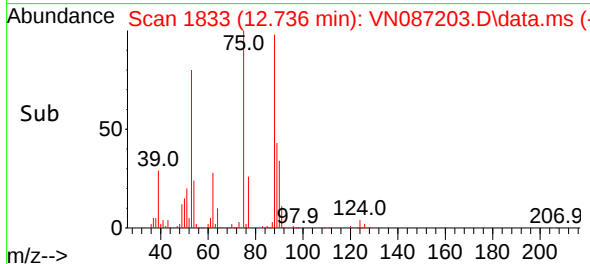
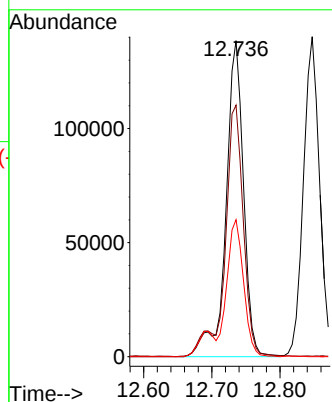
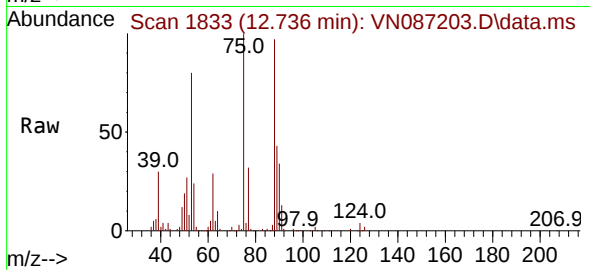




#81
trans-1,4-Dichloro-2-butene
Concen: 158.641 ug/l
RT: 12.736 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

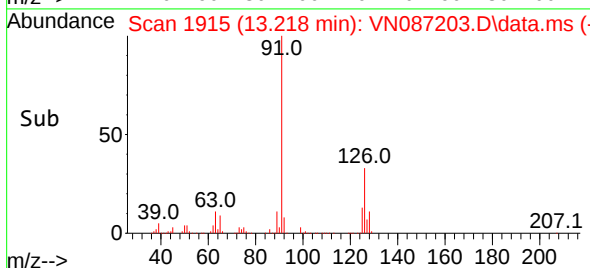
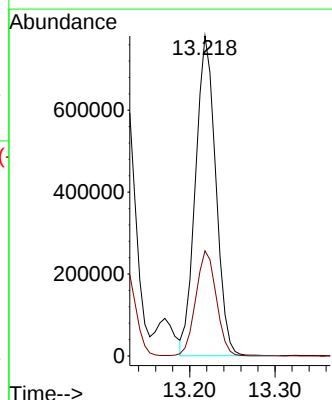
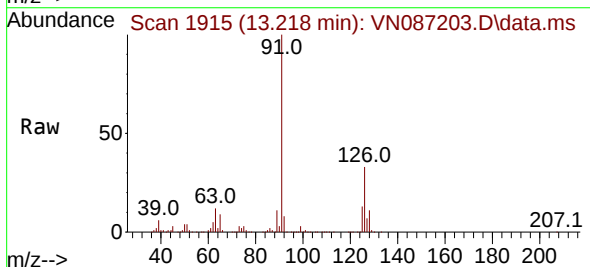
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

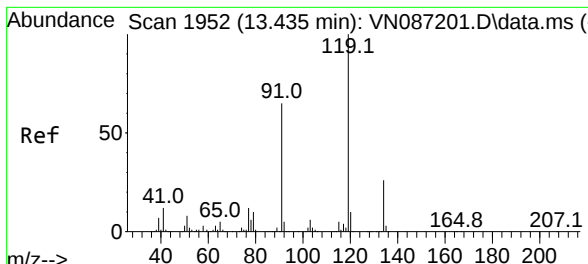
Tgt Ion: 75 Resp: 248661
Ion Ratio Lower Upper
75 100
53 83.5 71.4 107.0
89 41.0 37.9 56.9



#82
4-Chlorotoluene
Concen: 157.621 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

Tgt Ion: 91 Resp: 1286016
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.1



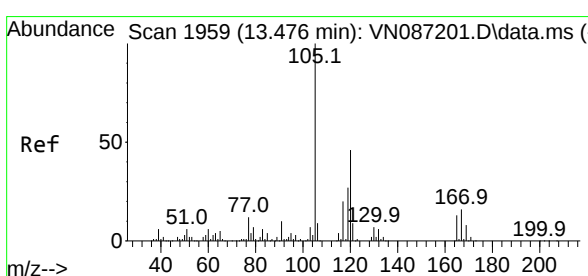
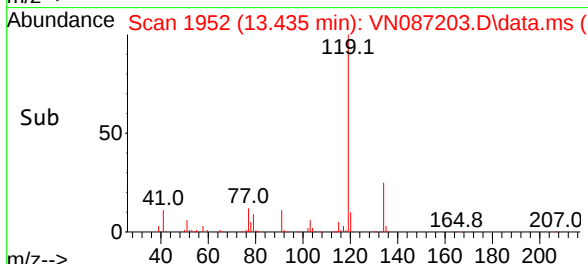
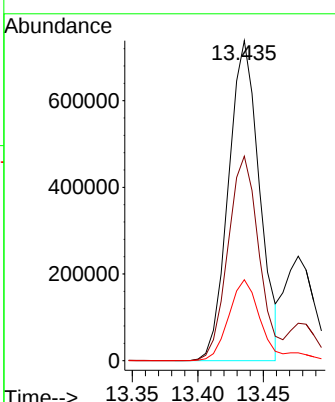
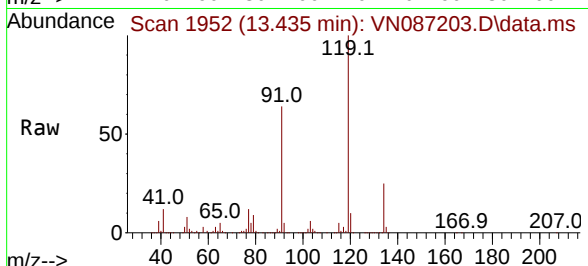


#83
 tert-Butylbenzene
 Concen: 160.804 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN087203.D
 Acq: 26 Jun 2025 18:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion:119 Resp: 1217157

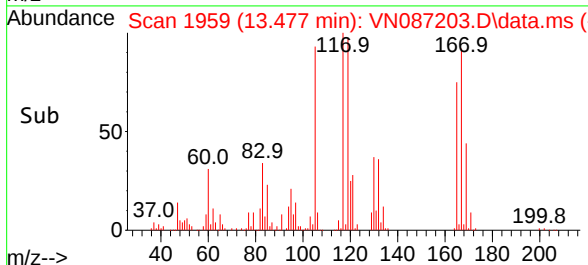
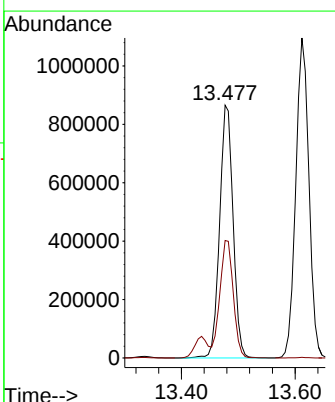
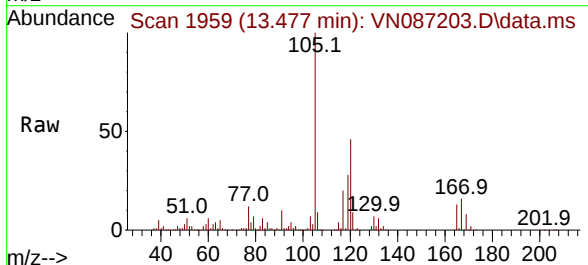
Ion	Ratio	Lower	Upper
119	100		
91	64.6	32.9	98.7
134	27.1	13.5	40.4

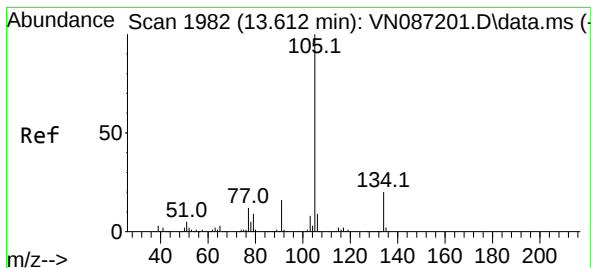


#84
 1,2,4-Trimethylbenzene
 Concen: 159.740 ug/l
 RT: 13.477 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VN087203.D
 Acq: 26 Jun 2025 18:39

Tgt Ion:105 Resp: 1428299

Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.9	68.8





#85

sec-Butylbenzene

Concen: 157.358 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VN087203.D

Acq: 26 Jun 2025 18:39

Instrument :

MSVOA_N

ClientSampleId :

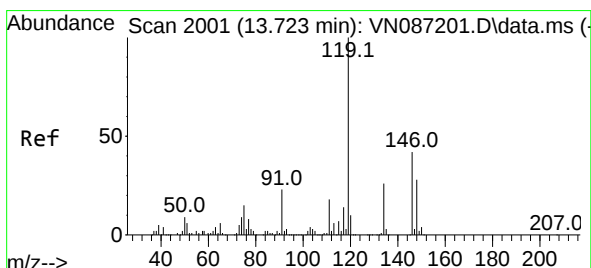
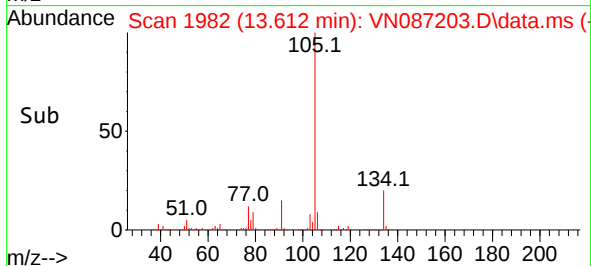
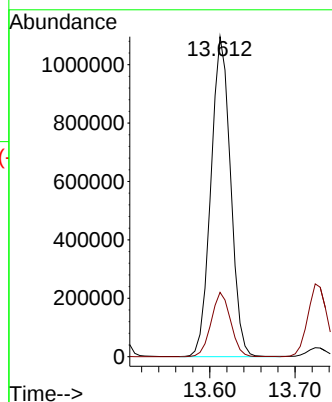
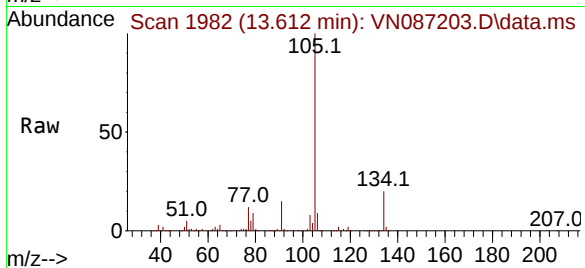
VSTDIC150

Tgt Ion:105 Resp: 1754786

Ion Ratio Lower Upper

105 100

134 19.9 9.9 29.7



#86

p-Isopropyltoluene

Concen: 160.244 ug/l

RT: 13.724 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VN087203.D

Acq: 26 Jun 2025 18:39

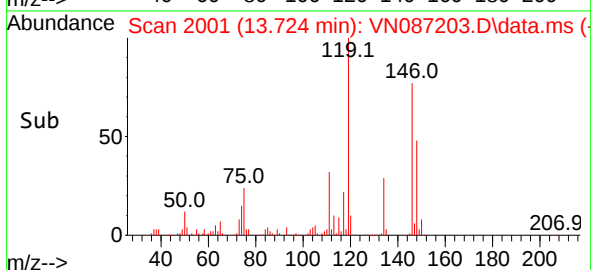
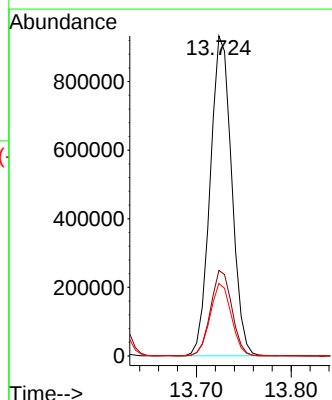
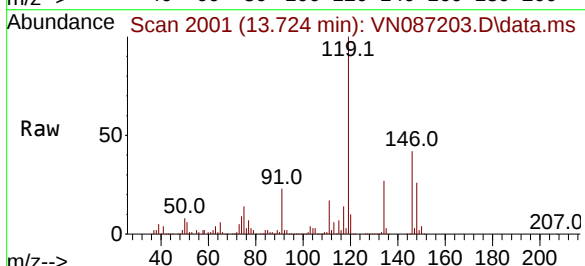
Tgt Ion:119 Resp: 1465605

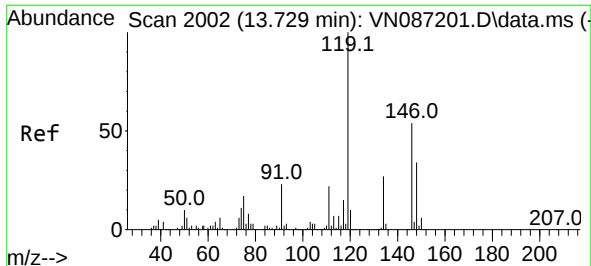
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 22.4 11.5 34.4

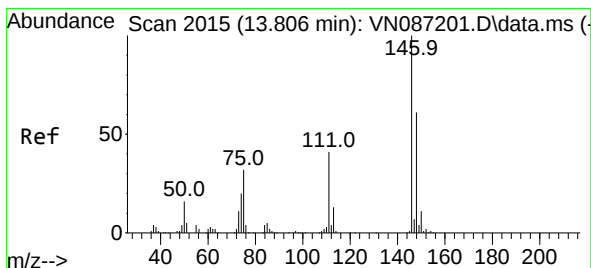
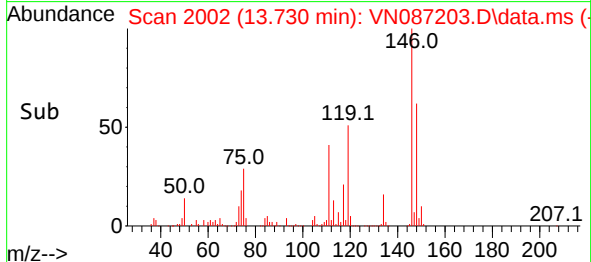
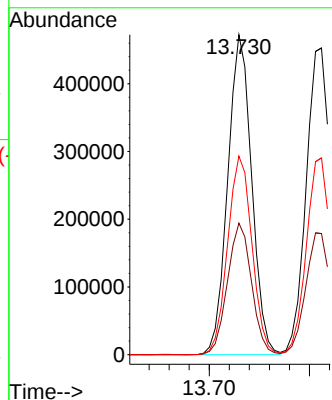
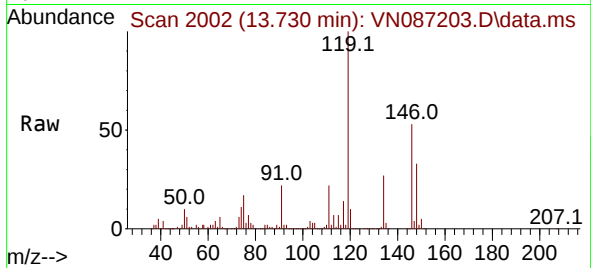




#87
1,3-Dichlorobenzene
Concen: 150.131 ug/l
RT: 13.730 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

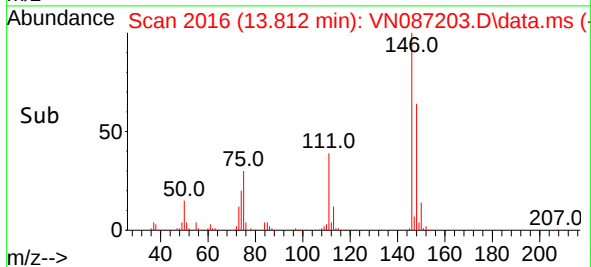
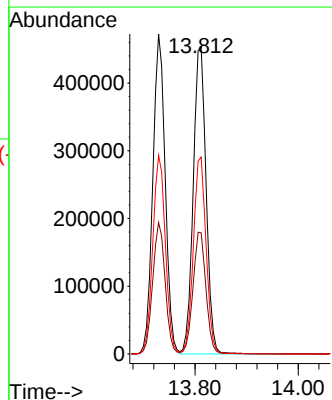
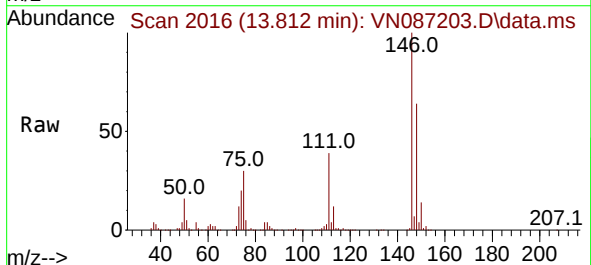
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

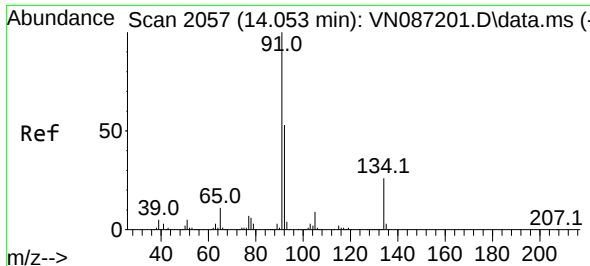
Tgt Ion:146 Resp: 783709
Ion Ratio Lower Upper
146 100
111 41.4 21.1 63.4
148 63.3 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 146.093 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.006 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

Tgt Ion:146 Resp: 784117
Ion Ratio Lower Upper
146 100
111 39.3 19.9 59.6
148 63.4 31.4 94.0

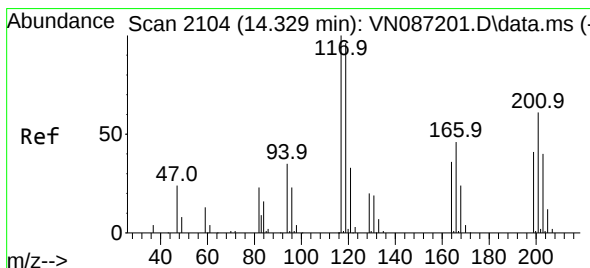
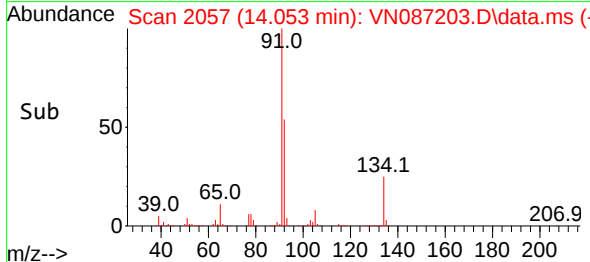
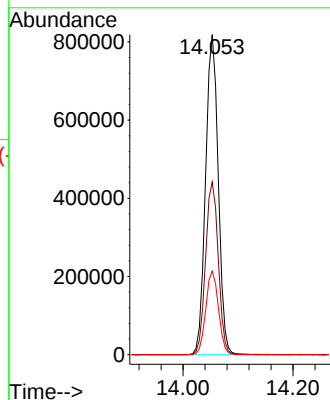
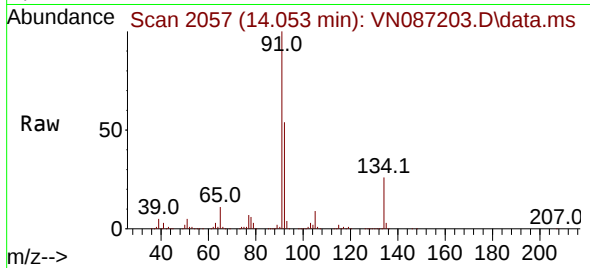




#89
n-Butylbenzene
Concen: 153.951 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

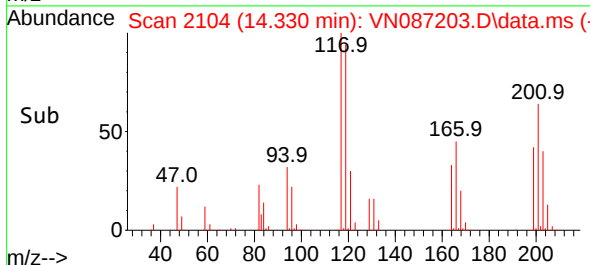
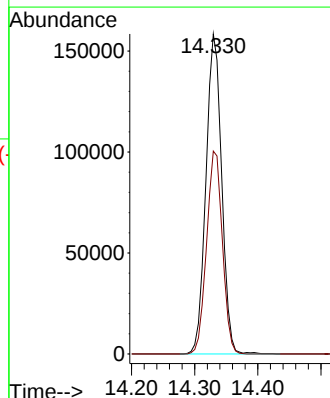
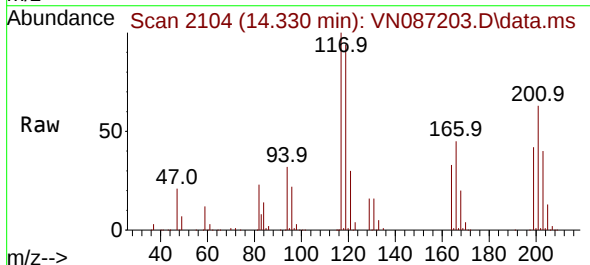
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

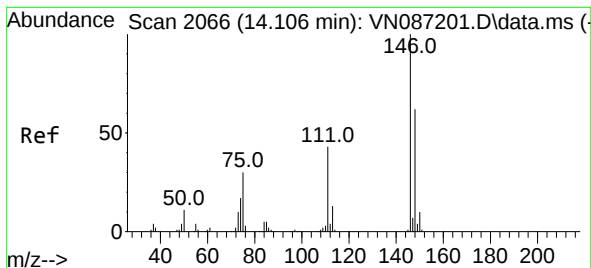
Tgt Ion: 91 Resp: 1308216
Ion Ratio Lower Upper
91 100
92 54.3 26.9 80.7
134 26.2 12.8 38.4



#90
Hexachloroethane
Concen: 154.485 ug/l
RT: 14.330 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN087203.D
Acq: 26 Jun 2025 18:39

Tgt Ion: 117 Resp: 273430
Ion Ratio Lower Upper
117 100
201 63.7 31.8 95.3





#91

1,2-Dichlorobenzene

Concen: 151.064 ug/l

RT: 14.100 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VN087203.D

Acq: 26 Jun 2025 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

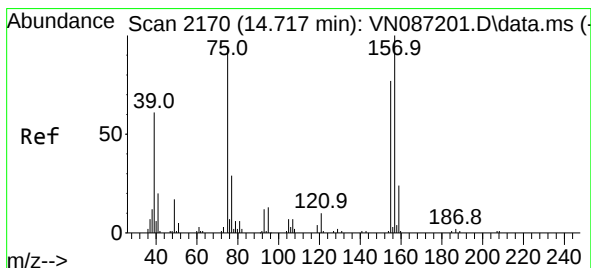
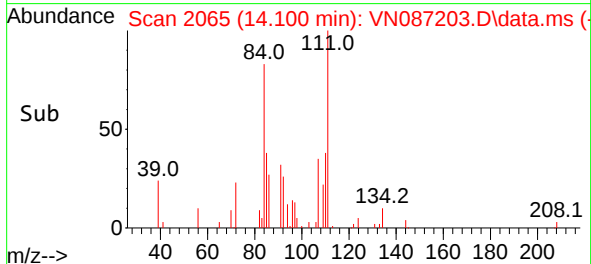
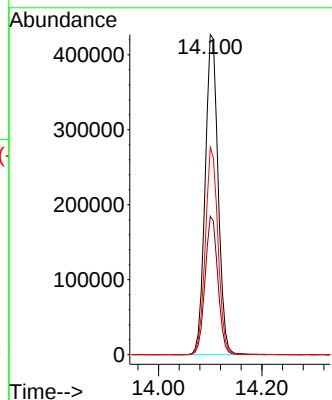
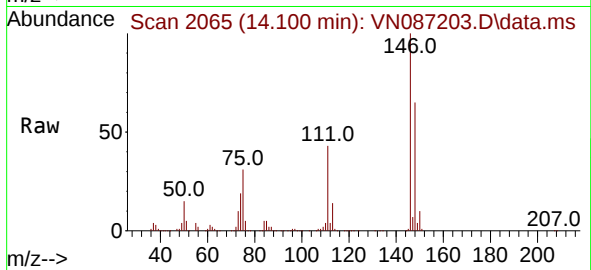
Tgt Ion:146 Resp: 742699

Ion Ratio Lower Upper

146 100

111 42.8 21.4 64.2

148 63.6 31.5 94.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 150.917 ug/l

RT: 14.718 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VN087203.D

Acq: 26 Jun 2025 18:39

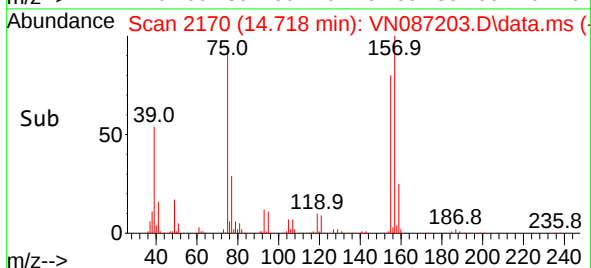
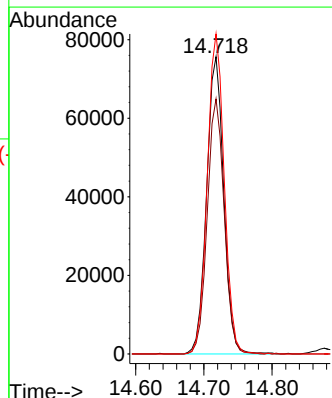
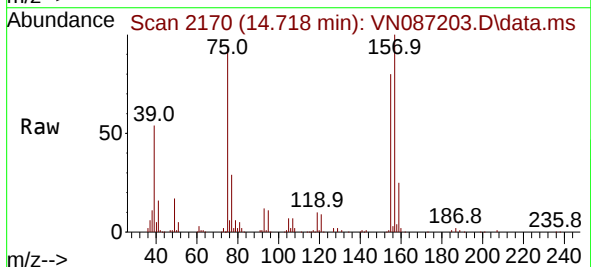
Tgt Ion: 75 Resp: 132445

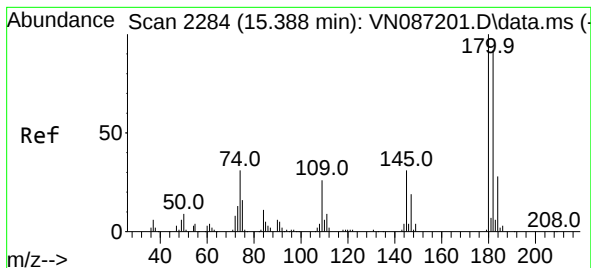
Ion Ratio Lower Upper

75 100

155 84.7 39.4 118.1

157 106.8 51.1 153.4





#93

1,2,4-Trichlorobenzene

Concen: 159.265 ug/l

RT: 15.388 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087203.D

Acq: 26 Jun 2025 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

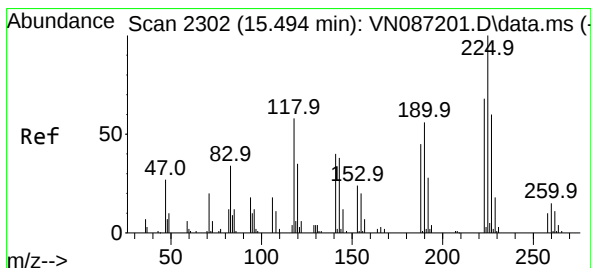
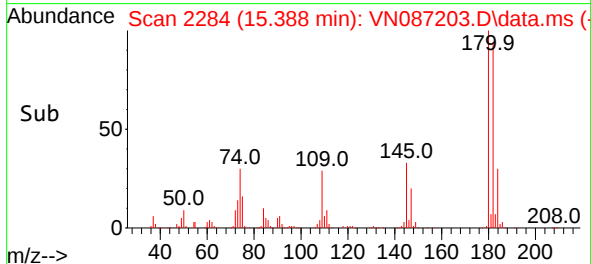
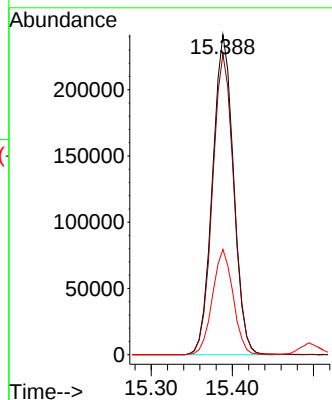
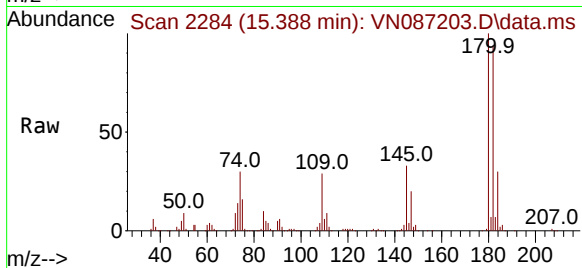
Tgt Ion:180 Resp: 435915

Ion Ratio Lower Upper

180 100

182 94.7 47.1 141.3

145 32.2 16.2 48.5



#94

Hexachlorobutadiene

Concen: 153.278 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. 0.000 min

Lab File: VN087203.D

Acq: 26 Jun 2025 18:39

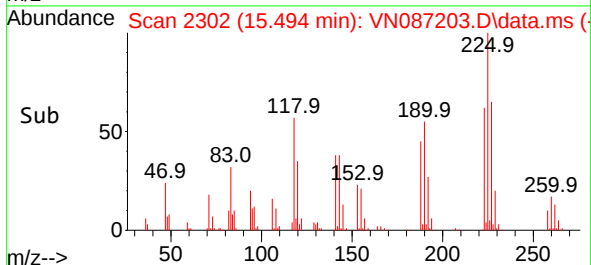
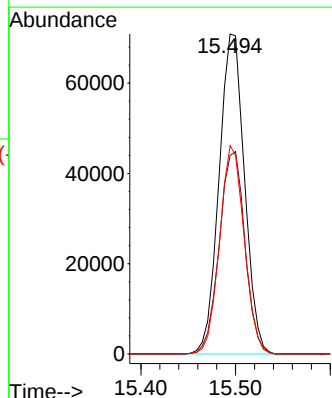
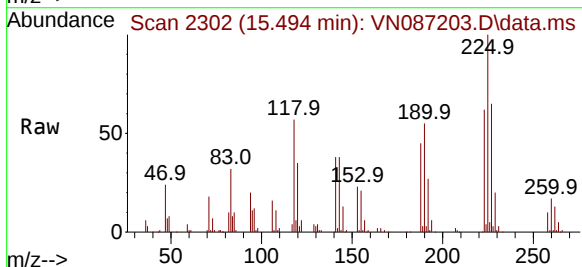
Tgt Ion:225 Resp: 132344

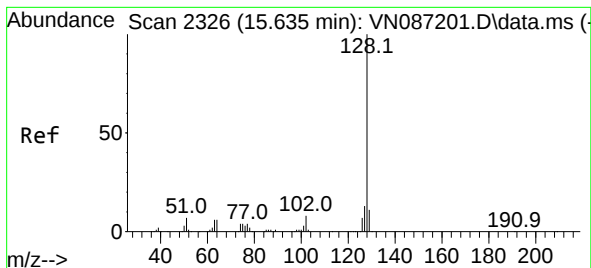
Ion Ratio Lower Upper

225 100

223 63.5 32.9 98.6

227 63.1 32.0 96.2





#95

Naphthalene

Concen: 168.764 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN087203.D

Acq: 26 Jun 2025 18:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

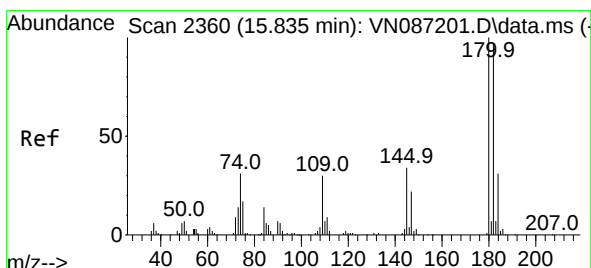
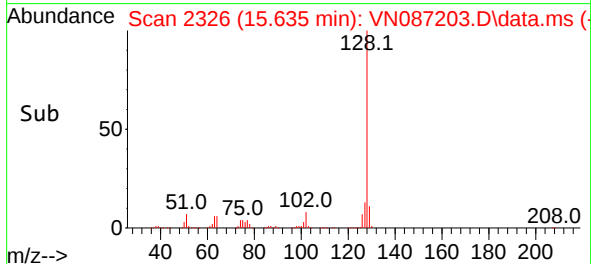
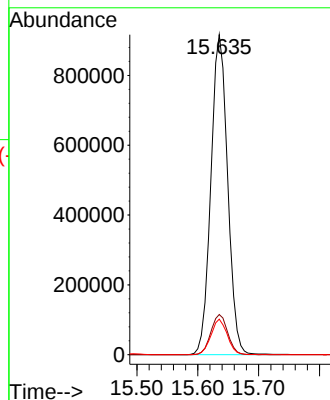
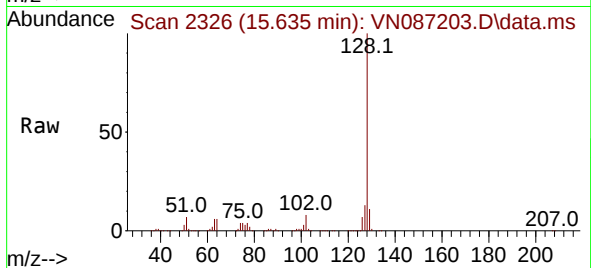
Tgt Ion:128 Resp: 1752402

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 157.945 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN087203.D

Acq: 26 Jun 2025 18:39

Tgt Ion:180 Resp: 426838

Ion Ratio Lower Upper

180 100

182 95.1 47.5 142.6

145 34.7 16.9 50.7

