

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070125\
 Data File : VN087252.D
 Acq On : 01 Jul 2025 11:15
 Operator : JC\MD
 Sample : VN0701WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD01

Quant Time: Jul 02 01:59:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:15:00 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	197605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	327296	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	305310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	167986	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	123443	49.774	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.540%
35) Dibromofluoromethane	8.171	113	104258	49.749	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.500%
50) Toluene-d8	10.565	98	385721	47.220	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.440%
62) 4-Bromofluorobenzene	12.847	95	141533	48.696	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.400%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.154	85	39317	20.445	ug/l	100
3) Chloromethane	2.395	50	31588	20.229	ug/l #	84
4) Vinyl Chloride	2.554	62	38393	19.998	ug/l	100
5) Bromomethane	3.001	94	32108	18.328	ug/l	93
6) Chloroethane	3.159	64	27875	18.331	ug/l	98
7) Trichlorofluoromethane	3.530	101	64995	19.510	ug/l	97
8) Diethyl Ether	3.983	74	22671	21.325	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.401	101	37164	19.215	ug/l	98
10) Methyl Iodide	4.618	142	34044	17.739	ug/l	99
11) Tert butyl alcohol	5.536	59	47221	104.474	ug/l	99
12) 1,1-Dichloroethene	4.371	96	35156	19.133	ug/l	97
13) Acrolein	4.201	56	34238	109.368	ug/l	95
14) Allyl chloride	5.048	41	42382	18.821	ug/l	99
15) Acrylonitrile	5.736	53	111910	99.453	ug/l	96
16) Acetone	4.448	43	96344	101.611	ug/l	100
17) Carbon Disulfide	4.736	76	102265	18.550	ug/l	99
18) Methyl Acetate	5.048	43	41785	19.250	ug/l	98
19) Methyl tert-butyl Ether	5.812	73	126191	19.596	ug/l	99
20) Methylene Chloride	5.300	84	41427	19.723	ug/l	93
21) trans-1,2-Dichloroethene	5.812	96	39923	17.981	ug/l	97
22) Diisopropyl ether	6.677	45	101840	18.889	ug/l	95
23) Vinyl Acetate	6.618	43	477809	95.825	ug/l	99
24) 1,1-Dichloroethane	6.577	63	66359	18.785	ug/l	94
25) 2-Butanone	7.494	43	143488	96.837	ug/l	93
26) 2,2-Dichloropropane	7.500	77	62289	18.427	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	47028	18.341	ug/l	97
28) Bromochloromethane	7.824	49	27265	17.486	ug/l	100
29) Tetrahydrofuran	7.847	42	92192	96.553	ug/l	99
30) Chloroform	7.977	83	75659	19.323	ug/l	95
31) Cyclohexane	8.265	56	59669	17.666	ug/l	95
32) 1,1,1-Trichloroethane	8.177	97	68477	18.779	ug/l	95
36) 1,1-Dichloropropene	8.377	75	51115	17.936	ug/l	99
37) Ethyl Acetate	7.571	43	60419	19.721	ug/l	99
38) Carbon Tetrachloride	8.371	117	60435	18.715	ug/l	94
39) Methylcyclohexane	9.606	83	59532	17.541	ug/l	97
40) Benzene	8.612	78	160020	18.124	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	27514	18.783	ug/l	97
42) 1,2-Dichloroethane	8.677	62	57054	19.431	ug/l	97
43) Isopropyl Acetate	8.694	43	89114	18.756	ug/l	98
44) Trichloroethene	9.353	130	43731	18.640	ug/l	99
45) 1,2-Dichloropropane	9.624	63	37184	19.316	ug/l	97
46) Dibromomethane	9.712	93	31844	19.445	ug/l	99
47) Bromodichloromethane	9.888	83	60636	19.413	ug/l	97
48) Methyl methacrylate	9.683	41	38233	19.093	ug/l	98
49) 1,4-Dioxane	9.706	88	17972	440.428	ug/l #	99
51) 4-Methyl-2-Pentanone	10.447	43	271451	93.380	ug/l	100
52) Toluene	10.630	92	105505	18.220	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	62636	18.697	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	65868	19.298	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	42587	19.469	ug/l	96
56) Ethyl methacrylate	10.882	69	57145	17.831	ug/l	96
57) 1,3-Dichloropropane	11.165	76	67605	18.936	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	150385	88.789	ug/l	99
59) 2-Hexanone	11.206	43	156226	75.027	ug/l	97
60) Dibromochloromethane	11.359	129	50650	19.643	ug/l	98
61) 1,2-Dibromoethane	11.471	107	46342	19.695	ug/l	98
64) Tetrachloroethene	11.106	164	37124	18.237	ug/l	97
65) Chlorobenzene	11.888	112	125816	18.365	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	43624	18.442	ug/l	98
67) Ethyl Benzene	11.965	91	198876	17.940	ug/l	98
68) m/p-Xylenes	12.071	106	164355	37.109	ug/l	97
69) o-Xylene	12.400	106	75346	18.186	ug/l	100
70) Styrene	12.412	104	128606	18.265	ug/l	99
71) Bromoform	12.576	173	37709	20.663	ug/l #	97
73) Isopropylbenzene	12.694	105	193326	17.861	ug/l	100
74) N-amyl acetate	12.541	43	36785	10.334	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.935	83	66126	18.573	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	87509	27.387	ug/l	65
77) Bromobenzene	12.982	156	54218	19.189	ug/l	97
78) n-propylbenzene	13.035	91	232869	17.811	ug/l	100
79) 2-Chlorotoluene	13.123	91	136982	17.604	ug/l	96
80) 1,3,5-Trimethylbenzene	13.171	105	163806	18.105	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	24306	17.868	ug/l	97
82) 4-Chlorotoluene	13.218	91	143361	17.600	ug/l	100
83) tert-Butylbenzene	13.435	119	139769	17.633	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	166308	18.350	ug/l	98
85) sec-Butylbenzene	13.612	105	199186	17.728	ug/l	100
86) p-Isopropyltoluene	13.729	119	175312	18.152	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	101893	18.108	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	105884	18.022	ug/l	98
89) n-Butylbenzene	14.053	91	149918	17.631	ug/l	99
90) Hexachloroethane	14.329	117	32035	17.920	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	97259	18.482	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	15568	18.195	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	58021	18.644	ug/l	99
94) Hexachlorobutadiene	15.494	225	18272	18.484	ug/l	97
95) Naphthalene	15.635	128	197158	18.312	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	54671	18.032	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:15:00 2025
Response via : Initial Calibration

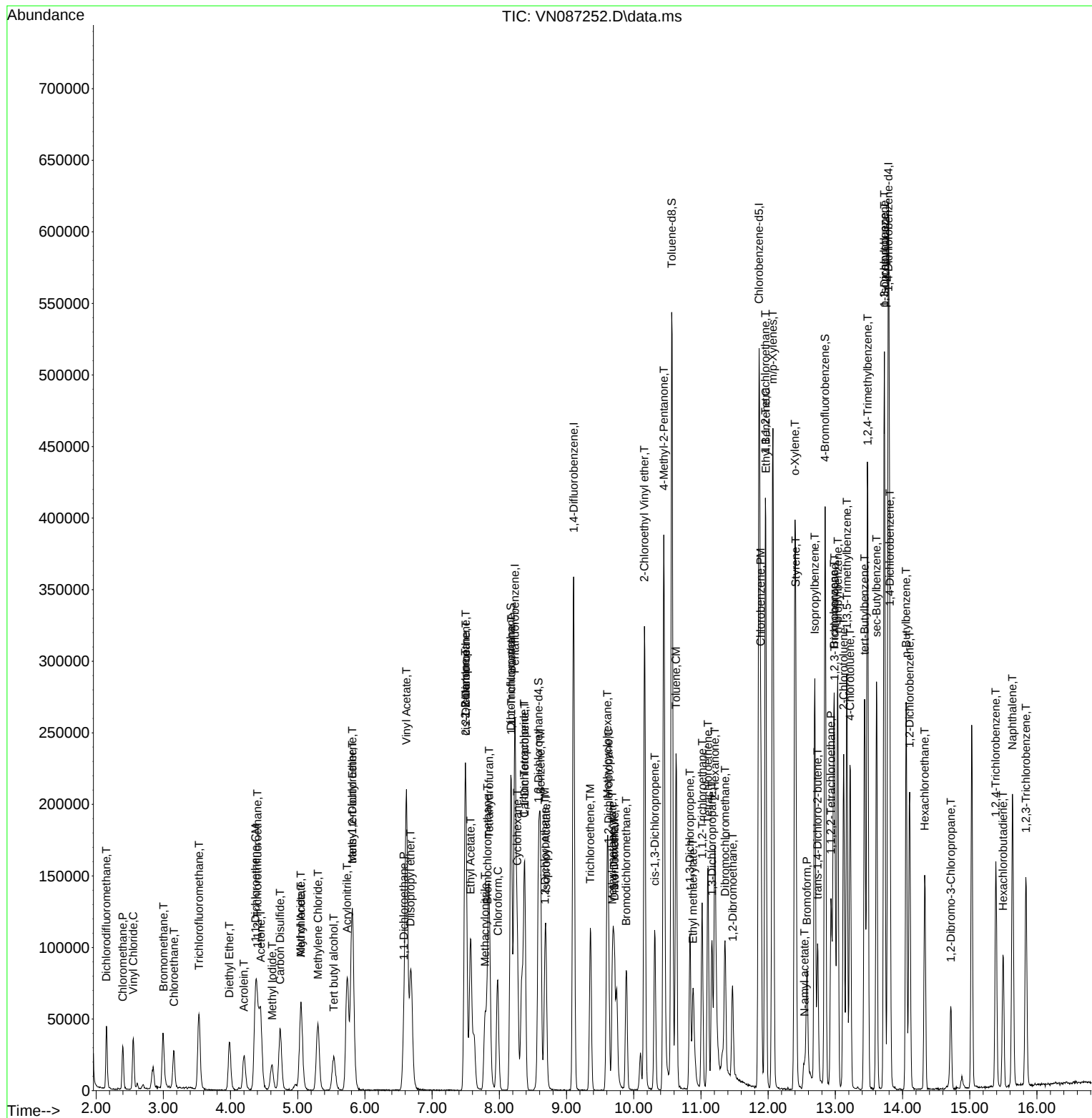
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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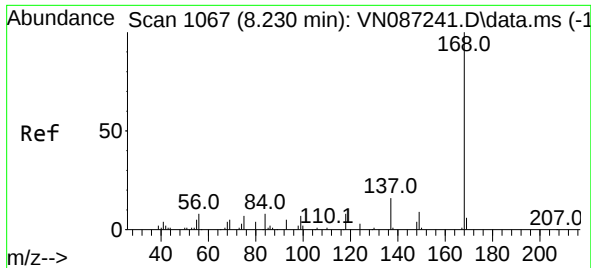
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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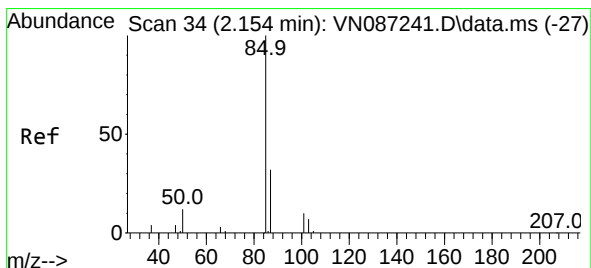
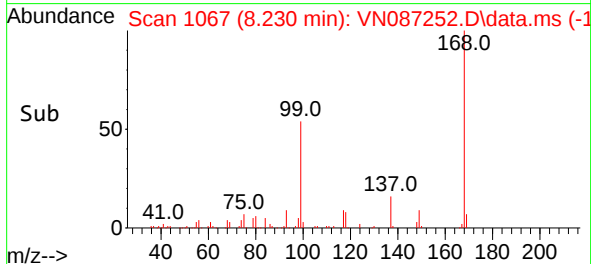
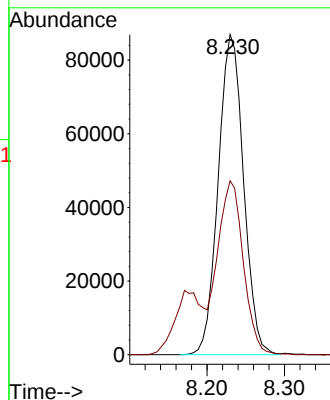
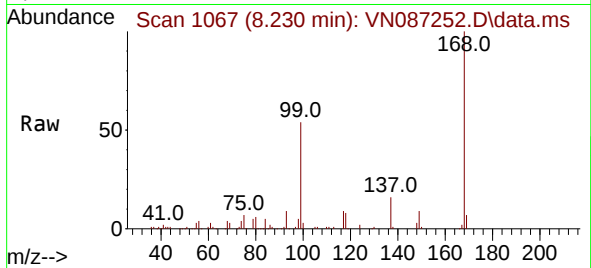




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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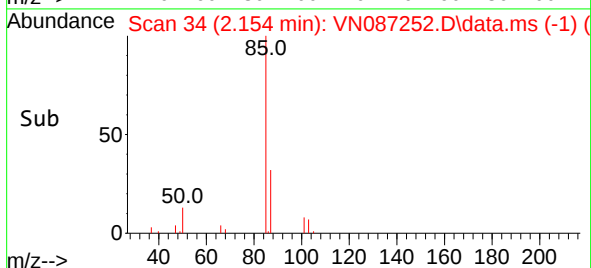
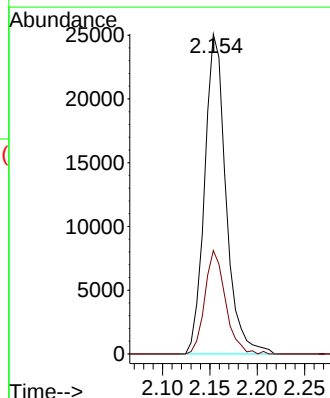
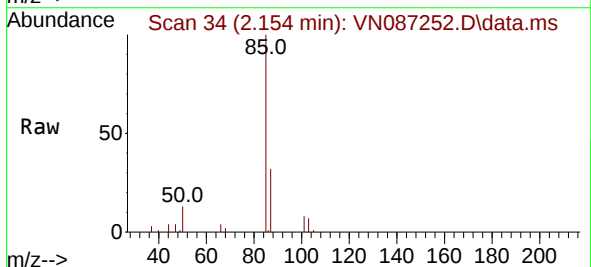
Instrument :
MSVOA_N
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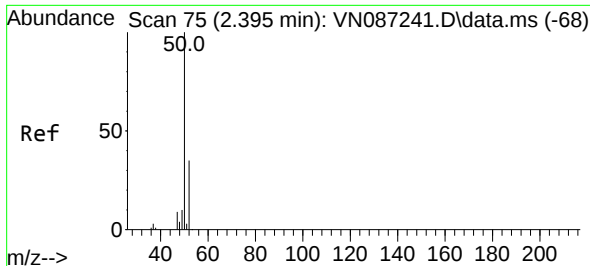
Tgt Ion:168 Resp: 197605
Ion Ratio Lower Upper
168 100
99 54.0 42.6 64.0



#2
Dichlorodifluoromethane
Concen: 20.445 ug/l
RT: 2.154 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

Tgt Ion: 85 Resp: 39317
Ion Ratio Lower Upper
85 100
87 32.3 16.1 48.3

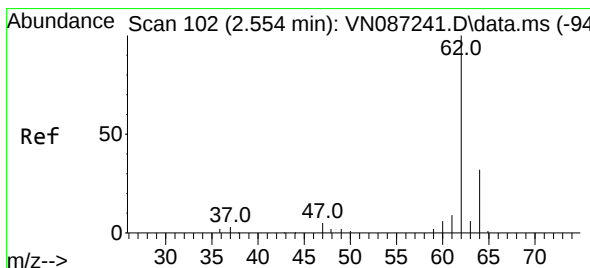
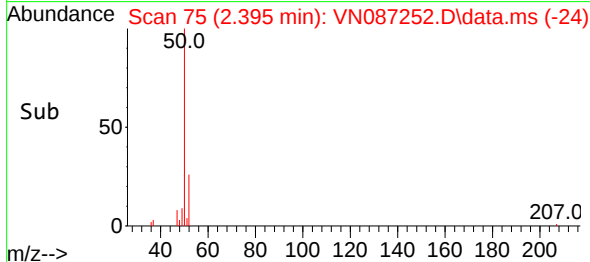
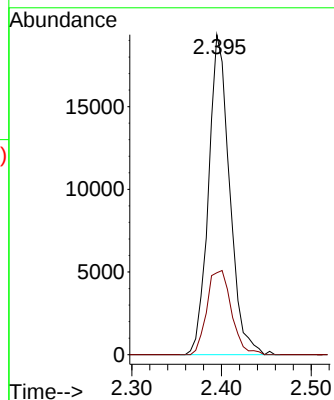
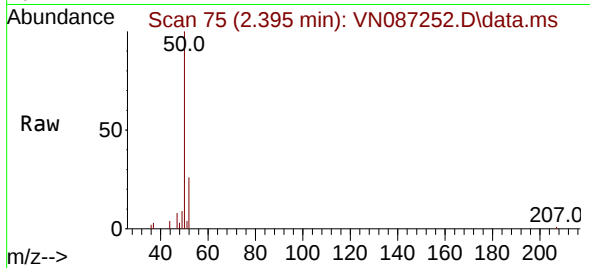




#3
Chloromethane
Concen: 20.229 ug/l
RT: 2.395 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

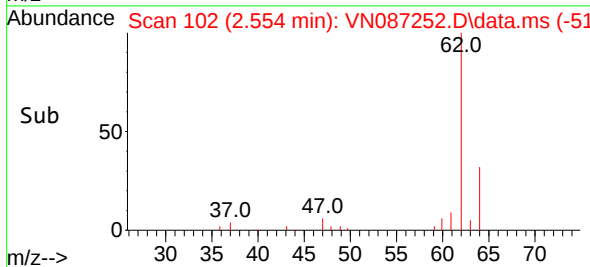
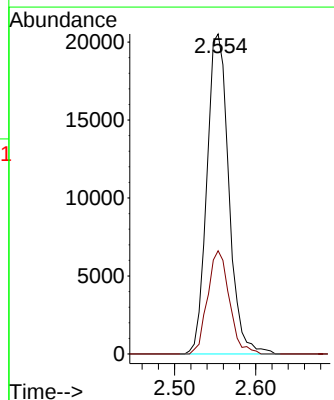
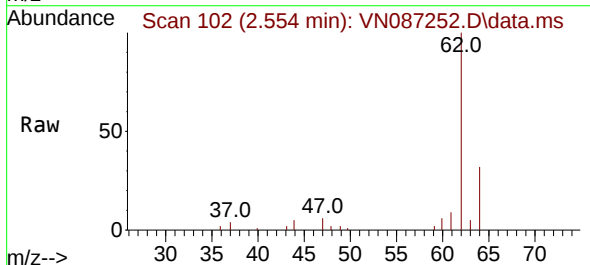
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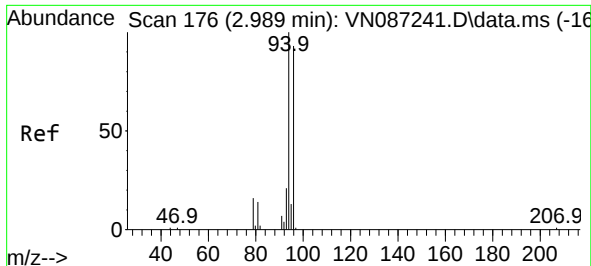
Tgt Ion: 50 Resp: 31588
Ion Ratio Lower Upper
50 100
52 25.6 27.8 41.8#



#4
Vinyl Chloride
Concen: 19.998 ug/l
RT: 2.554 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

Tgt Ion: 62 Resp: 38393
Ion Ratio Lower Upper
62 100
64 32.3 26.0 39.0

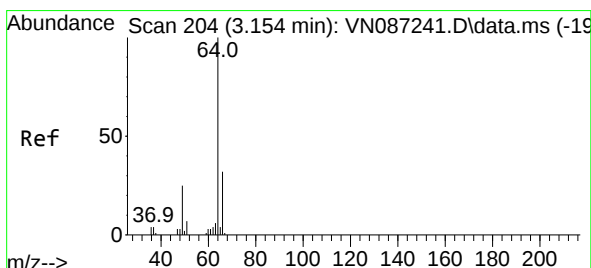
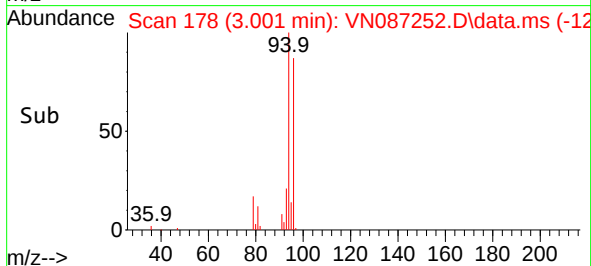
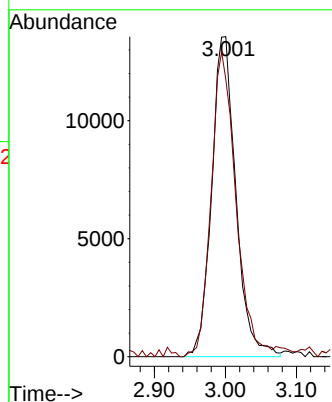
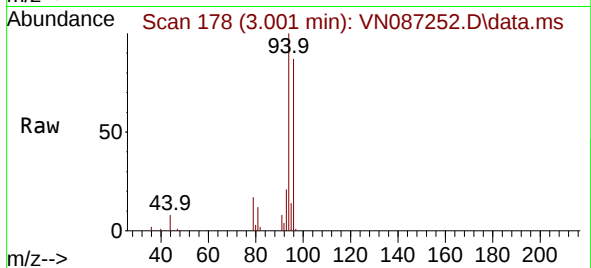




#5
Bromomethane
Concen: 18.328 ug/l
RT: 3.001 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN087252.D
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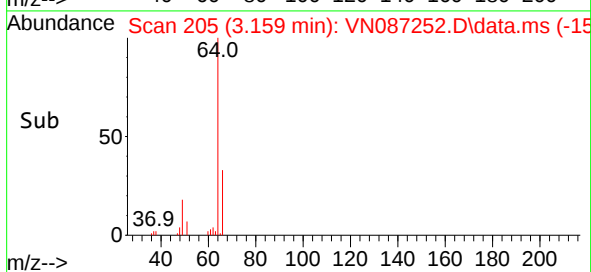
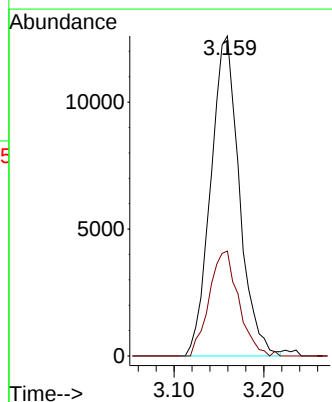
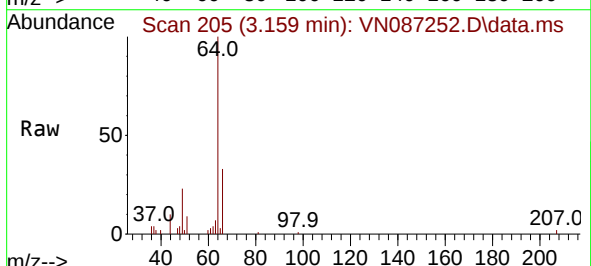
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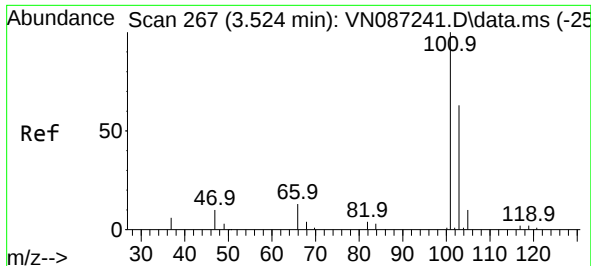
Tgt Ion: 94 Resp: 32108
Ion Ratio Lower Upper
94 100
96 86.7 74.3 111.5



#6
Chloroethane
Concen: 18.331 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN087252.D
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Tgt Ion: 64 Resp: 27875
Ion Ratio Lower Upper
64 100
66 32.8 25.3 37.9

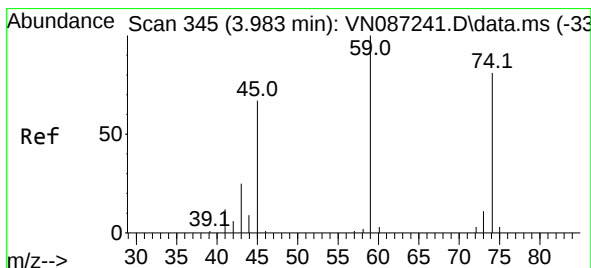
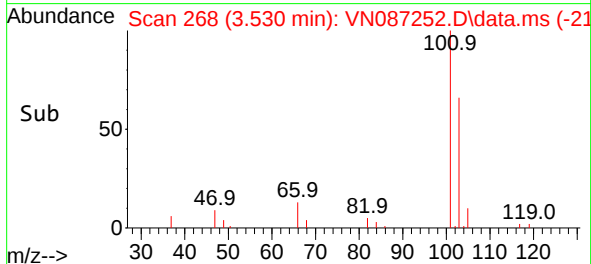
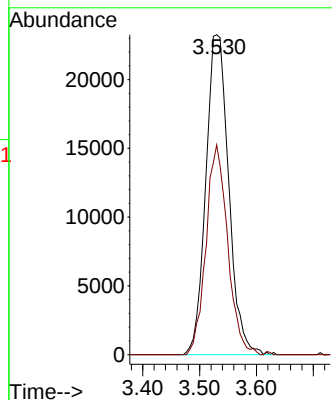
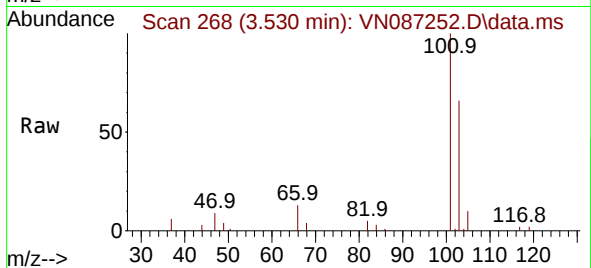




#7
Trichlorofluoromethane
Concen: 19.510 ug/l
RT: 3.530 min Scan# 268
Delta R.T. 0.006 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

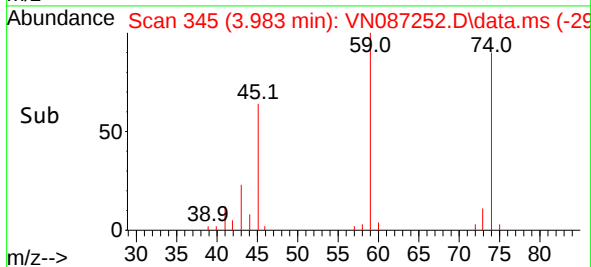
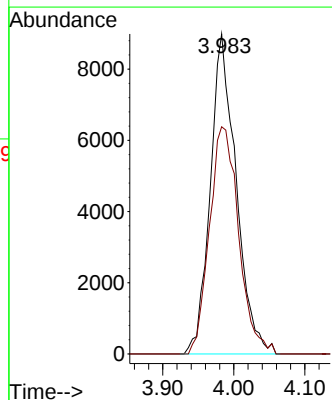
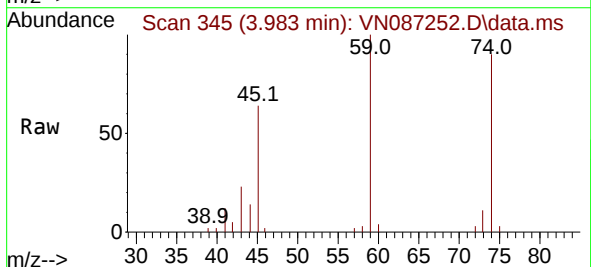
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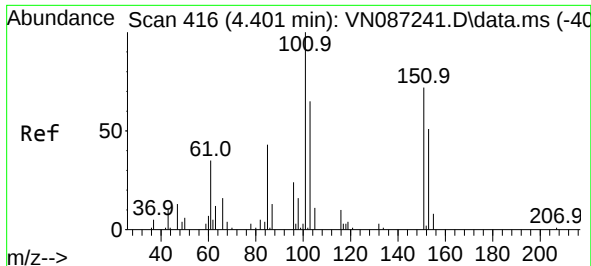
Tgt Ion:101 Resp: 64995
Ion Ratio Lower Upper
101 100
103 65.5 50.5 75.7



#8
Diethyl Ether
Concen: 21.325 ug/l
RT: 3.983 min Scan# 345
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

Tgt Ion: 74 Resp: 22671
Ion Ratio Lower Upper
74 100
45 80.3 39.4 118.1

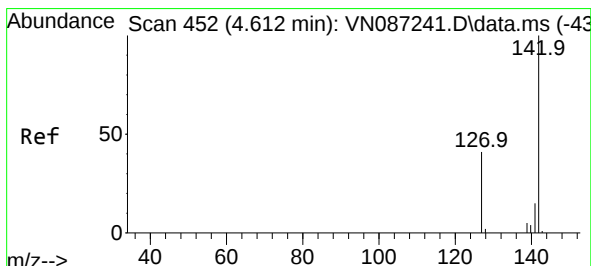
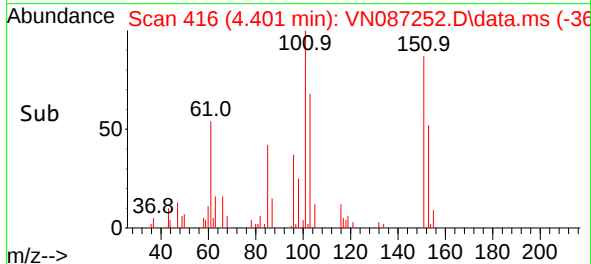
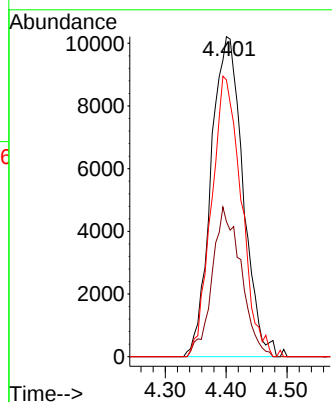
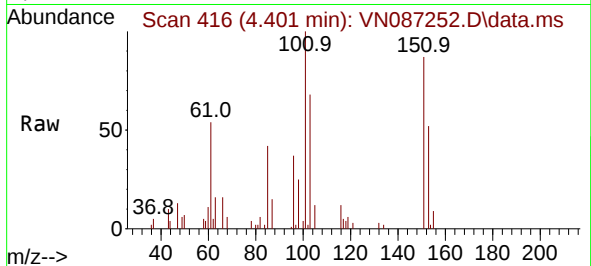




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.215 ug/l
RT: 4.401 min Scan# 416
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

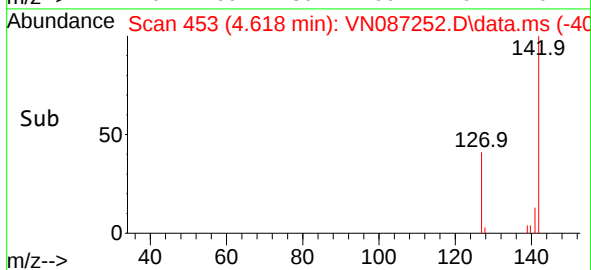
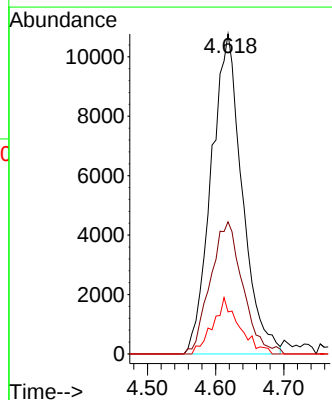
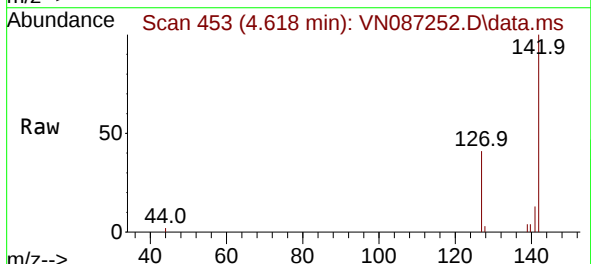
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

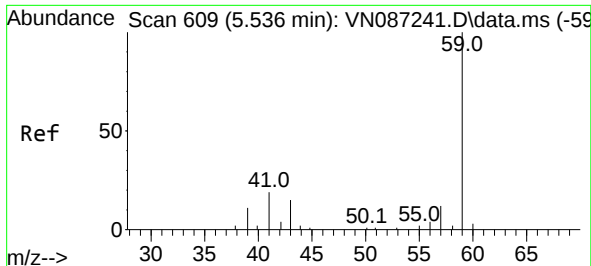
Tgt Ion:	101	Resp:	37164
Ion	Ratio	Lower	Upper
101	100		
85	42.4	34.4	51.6
151	81.9	63.8	95.8



#10
Methyl Iodide
Concen: 17.739 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

Tgt Ion:	142	Resp:	34044
Ion	Ratio	Lower	Upper
142	100		
127	41.3	32.8	49.2
141	13.2	11.6	17.4

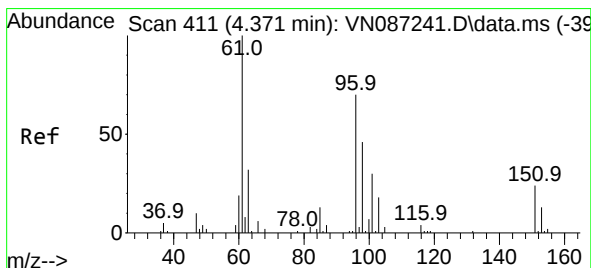
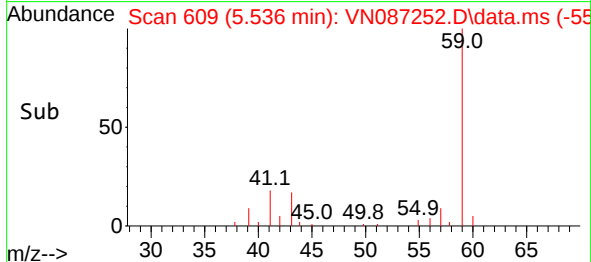
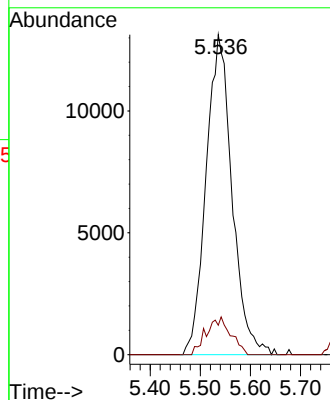
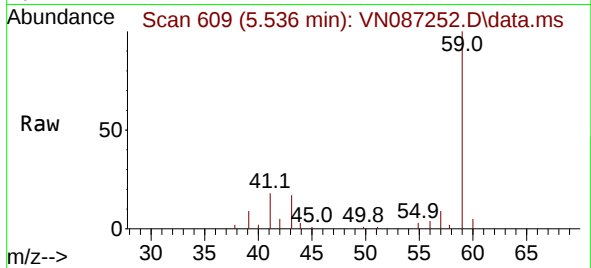




#11
Tert butyl alcohol
Concen: 104.474 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

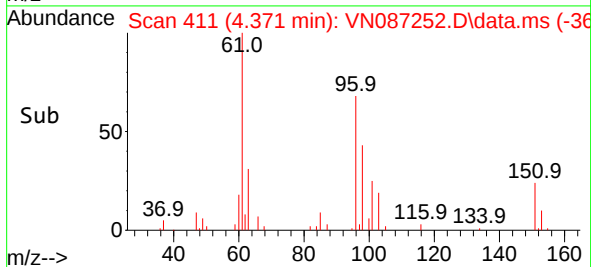
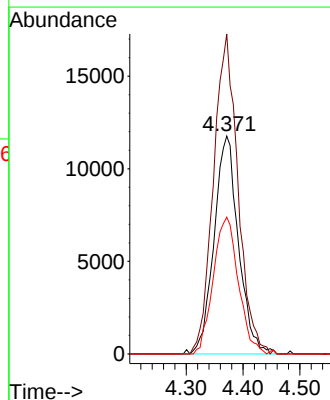
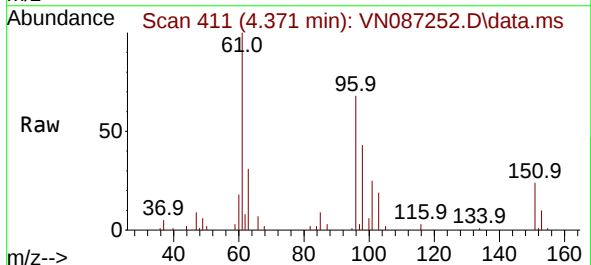
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

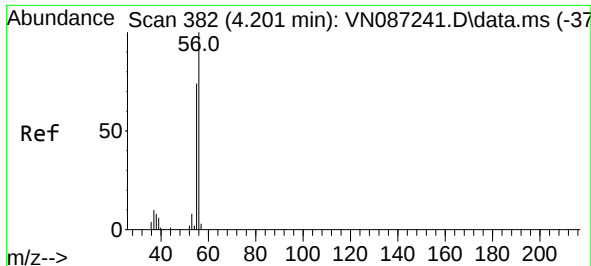
Tgt Ion: 59 Resp: 47221
Ion Ratio Lower Upper
59 100
57 11.0 8.6 12.8



#12
1,1-Dichloroethene
Concen: 19.133 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

Tgt Ion: 96 Resp: 35156
Ion Ratio Lower Upper
96 100
61 146.8 114.4 171.6
98 62.8 53.0 79.6





#13

Acrolein

Concen: 109.368 ug/l

RT: 4.201 min Scan# 382

Delta R.T. 0.000 min

Lab File: VN087252.D

Acq: 01 Jul 2025 11:15

Instrument :

MSVOA_N

ClientSampleId :

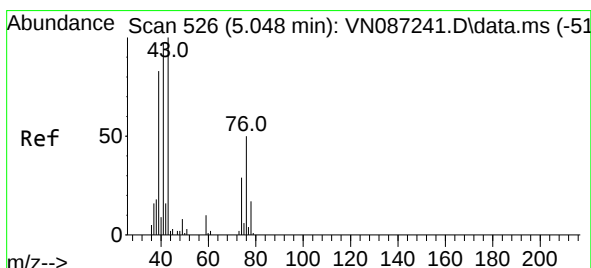
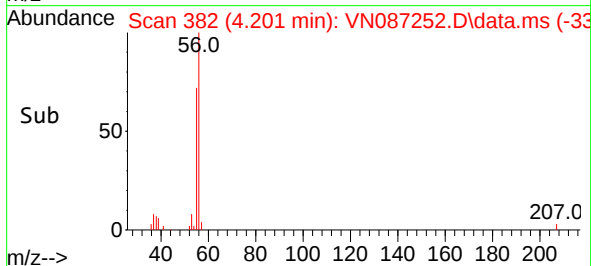
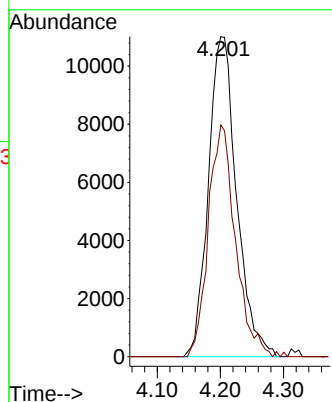
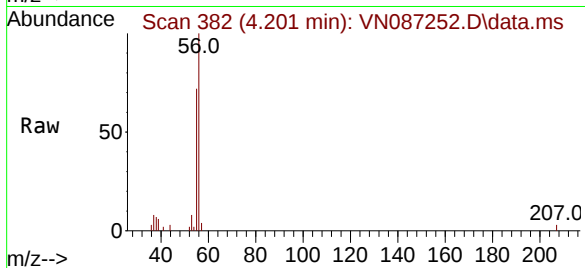
VN0701WBSD01

Tgt Ion: 56 Resp: 34238

Ion Ratio Lower Upper

56 100

55 69.2 58.6 88.0



#14

Allyl chloride

Concen: 18.821 ug/l

RT: 5.048 min Scan# 526

Delta R.T. 0.000 min

Lab File: VN087252.D

Acq: 01 Jul 2025 11:15

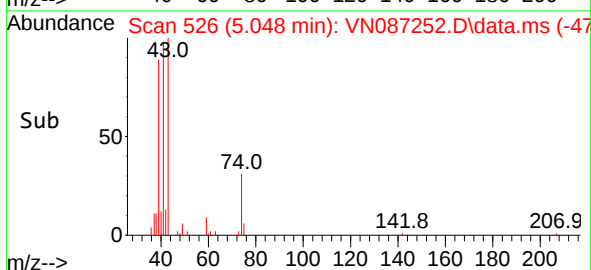
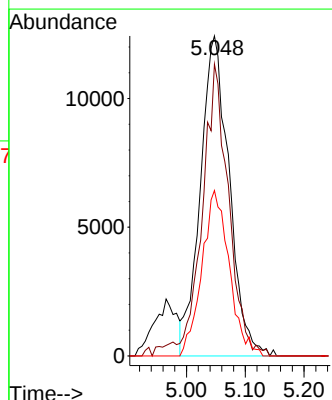
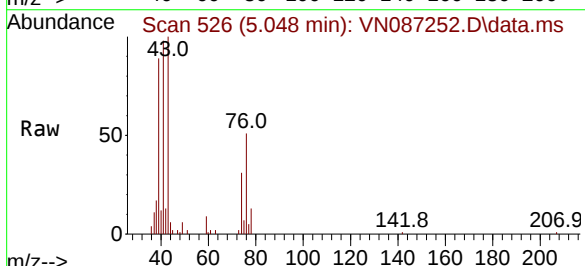
Tgt Ion: 41 Resp: 42382

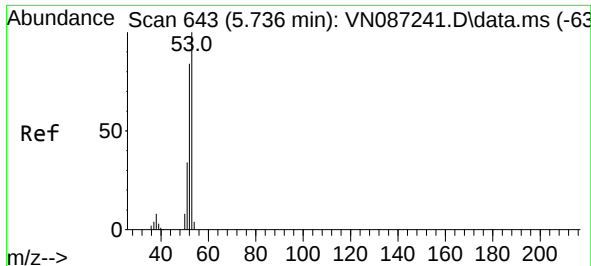
Ion Ratio Lower Upper

41 100

39 84.3 66.3 99.5

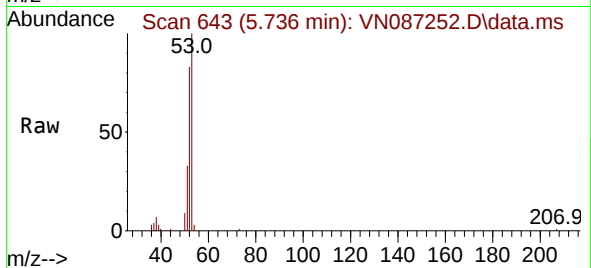
76 49.0 38.6 58.0



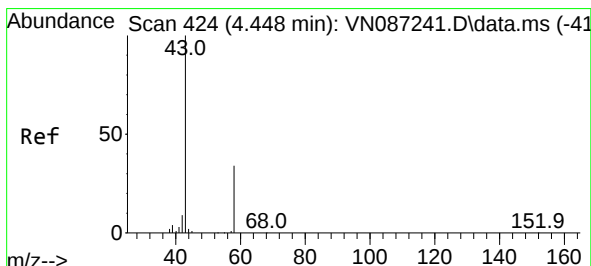
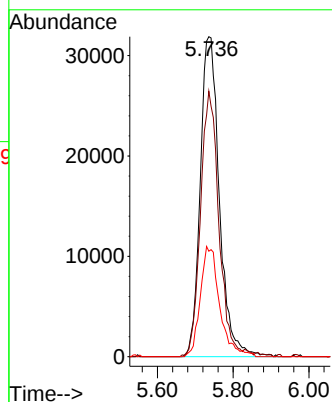
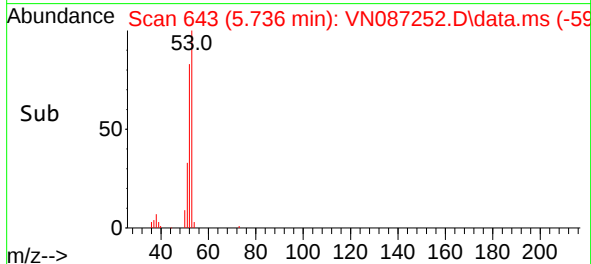


#15
Acrylonitrile
Concen: 99.453 ug/l
RT: 5.736 min Scan# 643
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

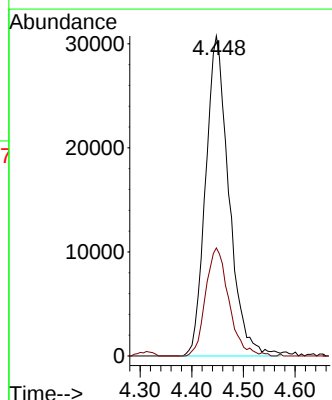
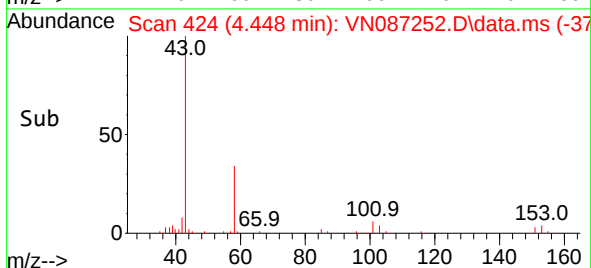
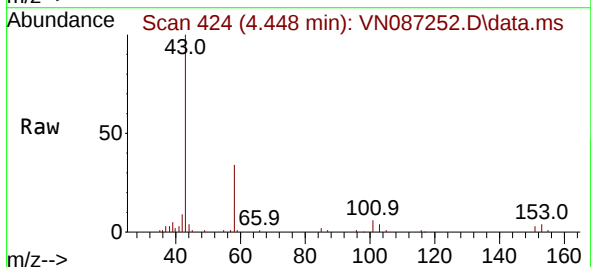


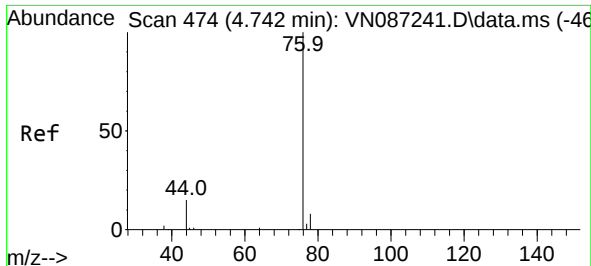
Tgt Ion: 53 Resp: 111910
Ion Ratio Lower Upper
53 100
52 79.1 66.5 99.7
51 34.8 29.1 43.7



#16
Acetone
Concen: 101.611 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

Tgt Ion: 43 Resp: 96344
Ion Ratio Lower Upper
43 100
58 33.8 27.1 40.7





#17

Carbon Disulfide

Concen: 18.550 ug/l

RT: 4.736 min Scan# 473

Delta R.T. -0.006 min

Lab File: VN087252.D

Acq: 01 Jul 2025 11:15

Instrument :

MSVOA_N

ClientSampleId :

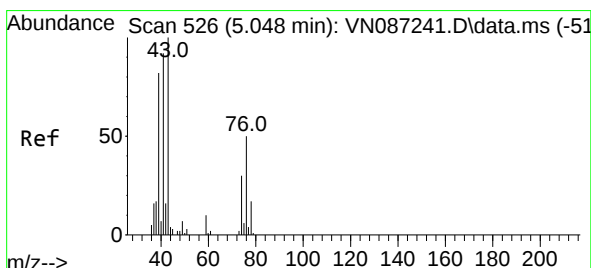
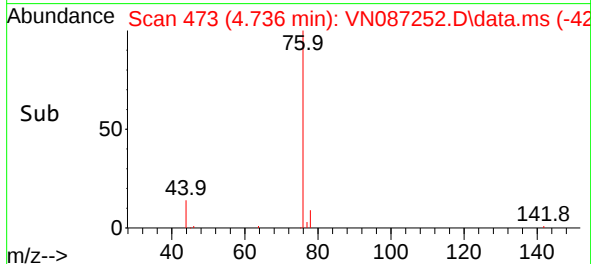
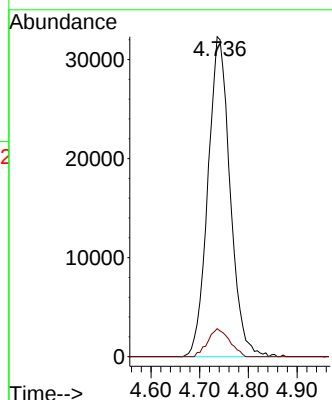
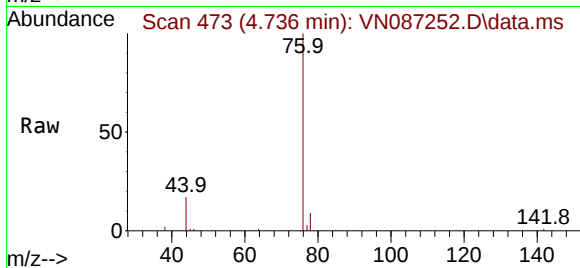
VN0701WBSD01

Tgt Ion: 76 Resp: 102265

Ion Ratio Lower Upper

76 100

78 8.8 6.8 10.2



#18

Methyl Acetate

Concen: 19.250 ug/l

RT: 5.048 min Scan# 526

Delta R.T. 0.000 min

Lab File: VN087252.D

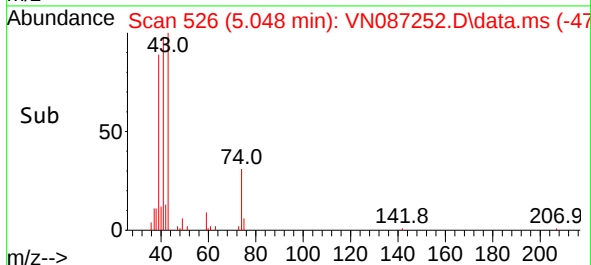
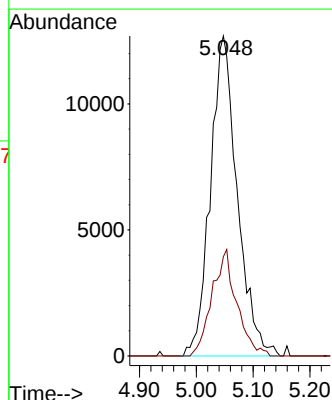
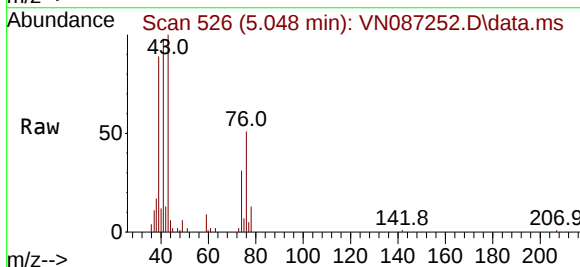
Acq: 01 Jul 2025 11:15

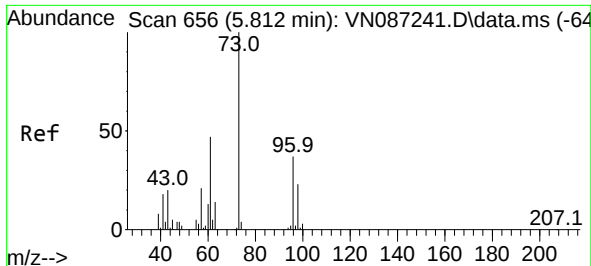
Tgt Ion: 43 Resp: 41785

Ion Ratio Lower Upper

43 100

74 30.5 23.8 35.6





#19

Methyl tert-butyl Ether

Concen: 19.596 ug/l

RT: 5.812 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN087252.D

Acq: 01 Jul 2025 11:15

Instrument :

MSVOA_N

ClientSampleId :

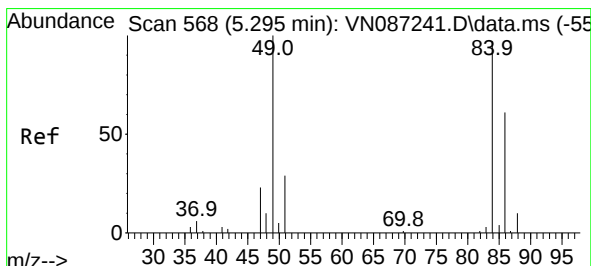
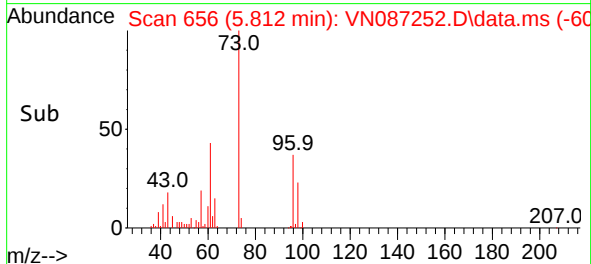
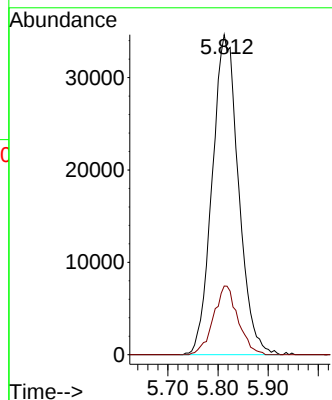
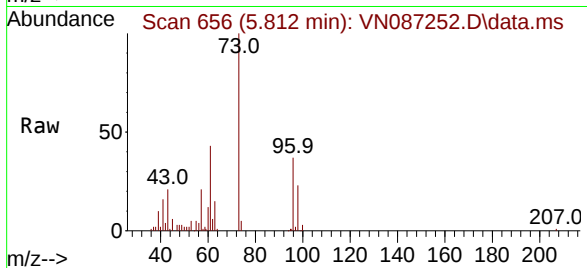
VN0701WBSD01

Tgt Ion: 73 Resp: 126191

Ion Ratio Lower Upper

73 100

57 21.5 16.7 25.1



#20

Methylene Chloride

Concen: 19.723 ug/l

RT: 5.300 min Scan# 569

Delta R.T. 0.006 min

Lab File: VN087252.D

Acq: 01 Jul 2025 11:15

Tgt Ion: 84 Resp: 41427

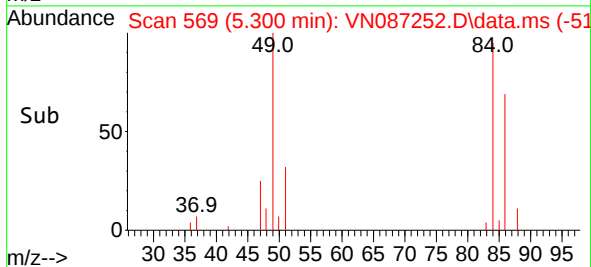
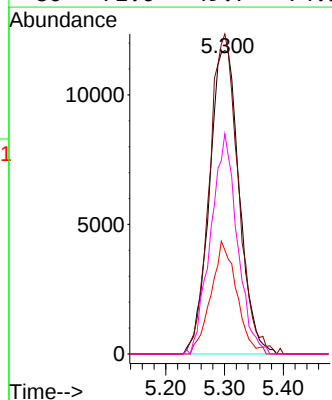
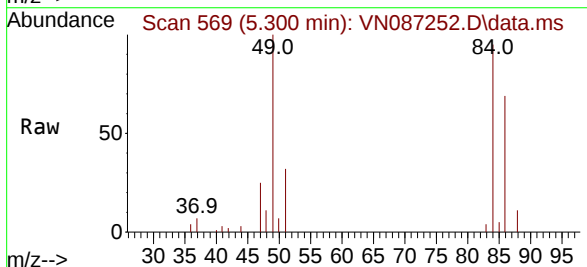
Ion Ratio Lower Upper

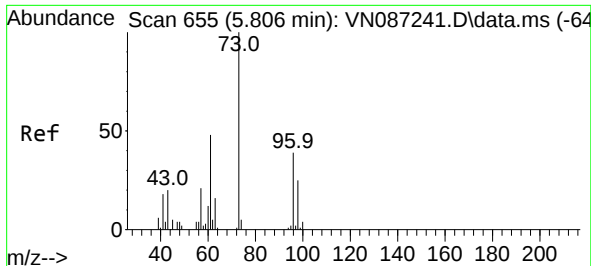
84 100

49 105.5 82.1 123.1

51 34.2 23.5 35.3

86 72.6 49.7 74.5

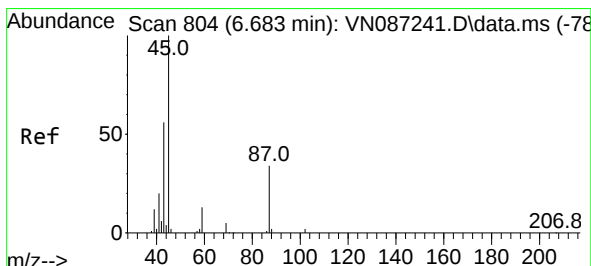
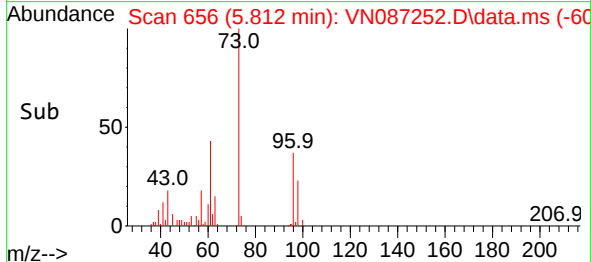
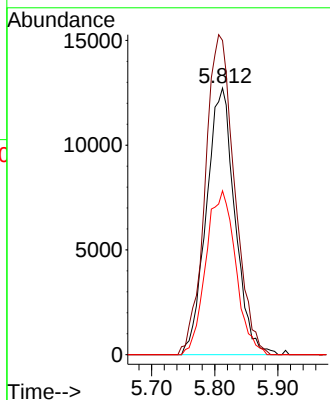
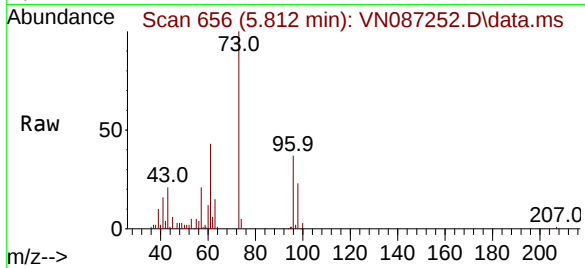




#21
trans-1,2-Dichloroethene
Concen: 17.981 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

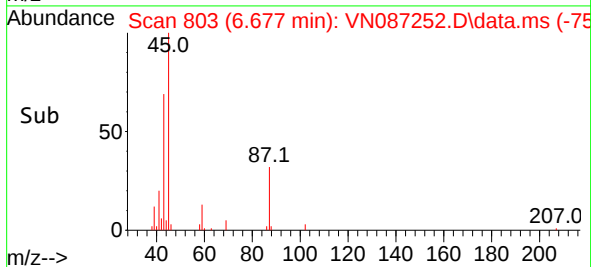
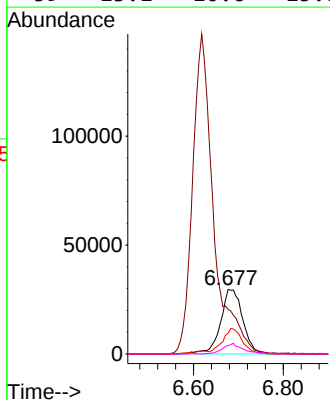
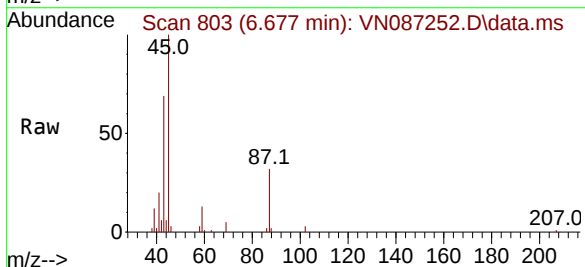
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

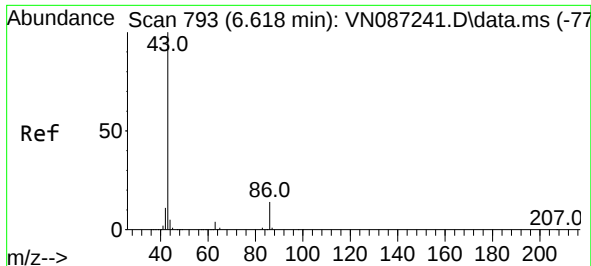
Tgt Ion: 96 Resp: 39923
Ion Ratio Lower Upper
96 100
61 117.9 98.2 147.2
98 61.4 50.0 75.0



#22
Diisopropyl ether
Concen: 18.889 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

Tgt Ion: 45 Resp: 101840
Ion Ratio Lower Upper
45 100
43 67.8 50.1 75.1
87 32.2 27.5 41.3
59 13.1 10.6 15.8

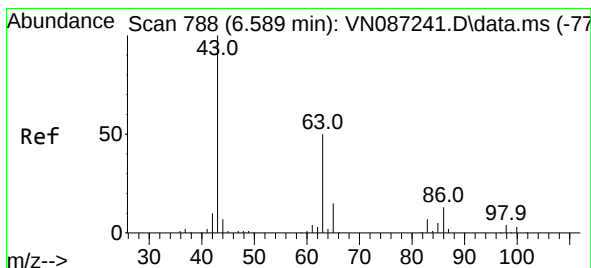
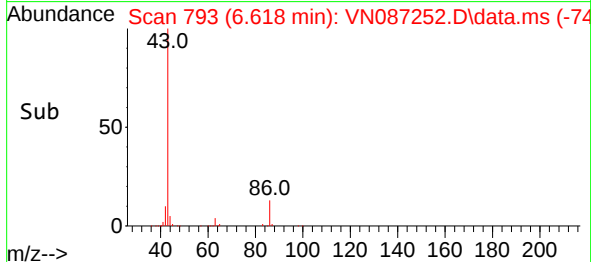
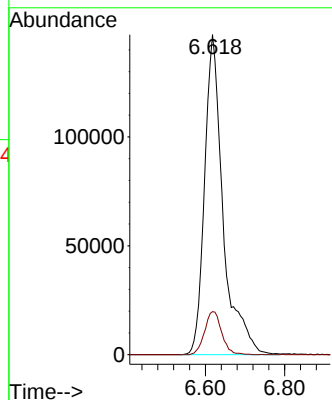
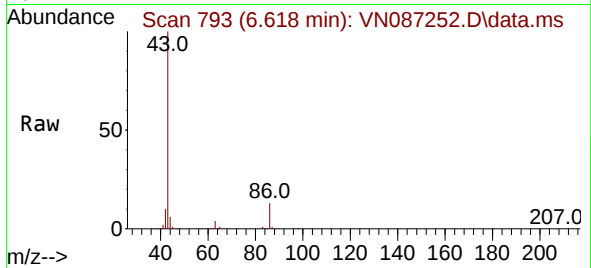




#23
 Vinyl Acetate
 Concen: 95.825 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. 0.000 min
 Lab File: VN087252.D
 Acq: 01 Jul 2025 11:15

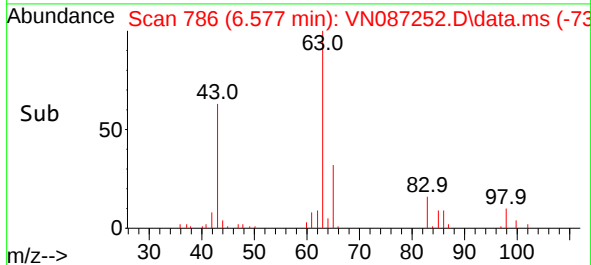
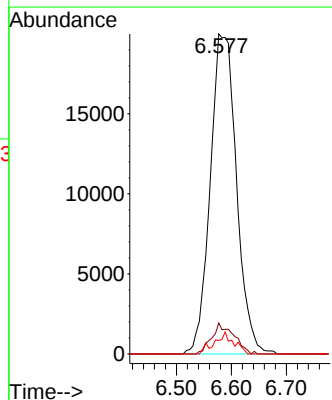
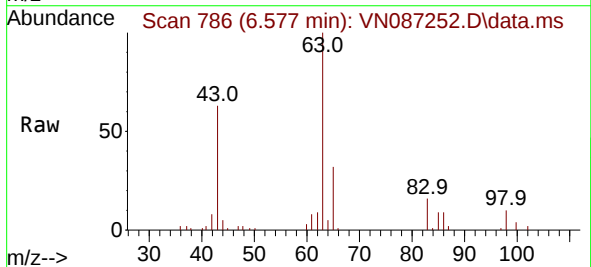
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD01

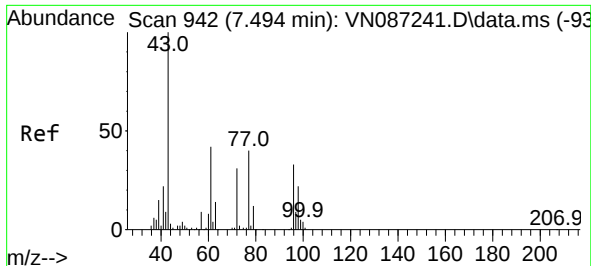
Tgt Ion: 43 Resp: 477809
 Ion Ratio Lower Upper
 43 100
 86 13.5 11.0 16.4



#24
 1,1-Dichloroethane
 Concen: 18.785 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.012 min
 Lab File: VN087252.D
 Acq: 01 Jul 2025 11:15

Tgt Ion: 63 Resp: 66359
 Ion Ratio Lower Upper
 63 100
 98 9.7 3.5 10.6
 100 4.2 2.7 8.1

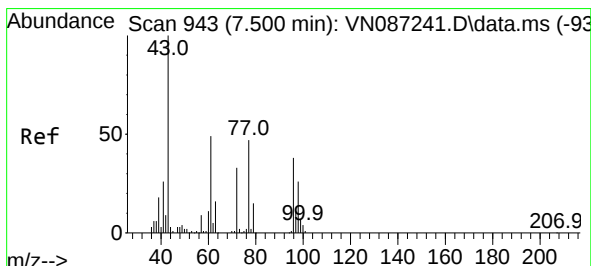
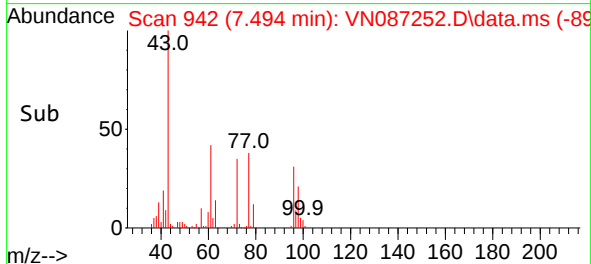
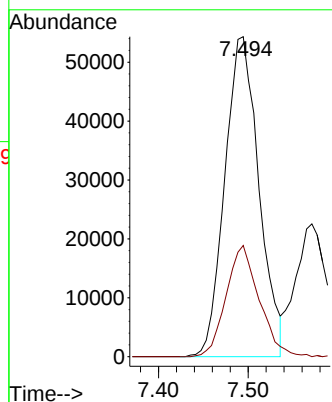
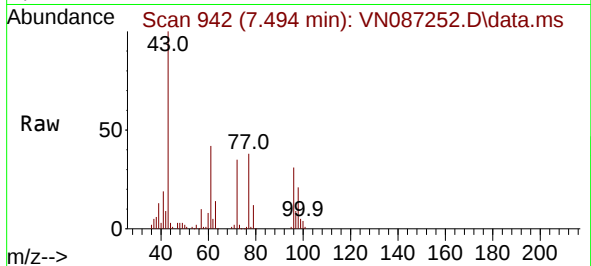




#25
2-Butanone
Concen: 96.837 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

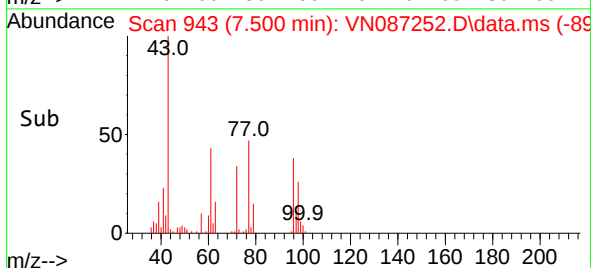
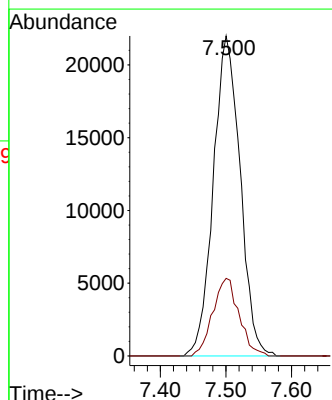
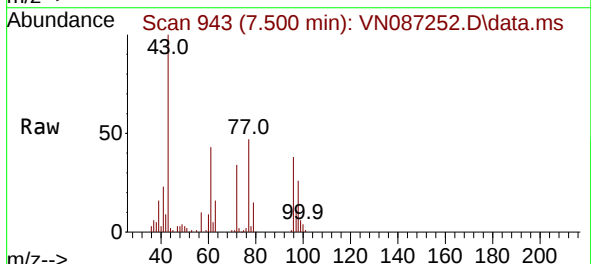
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

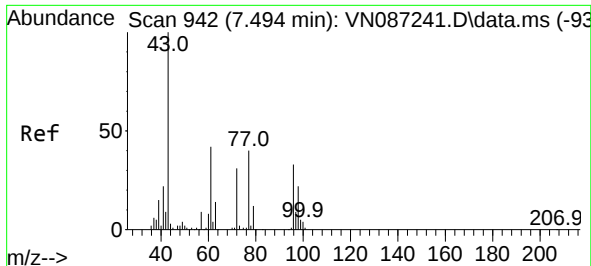
Tgt Ion: 43 Resp: 143488
Ion Ratio Lower Upper
43 100
72 34.8 24.8 37.2



#26
2,2-Dichloropropane
Concen: 18.427 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

Tgt Ion: 77 Resp: 62289
Ion Ratio Lower Upper
77 100
97 23.8 11.8 35.3

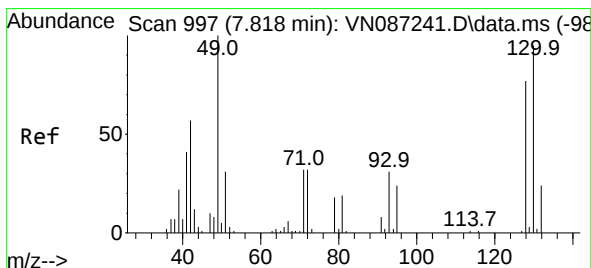
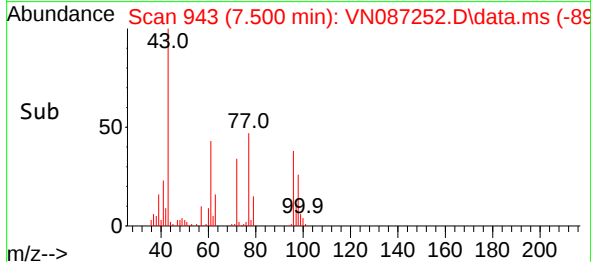
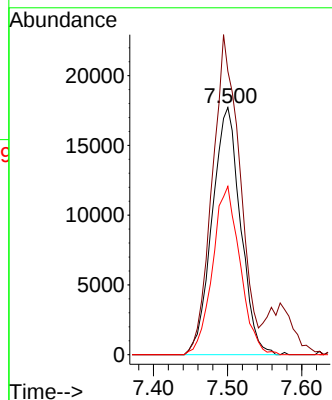
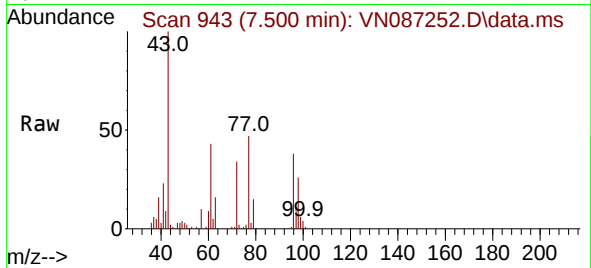




#27
 cis-1,2-Dichloroethene
 Concen: 18.341 ug/l
 RT: 7.500 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VN087252.D
 Acq: 01 Jul 2025 11:15

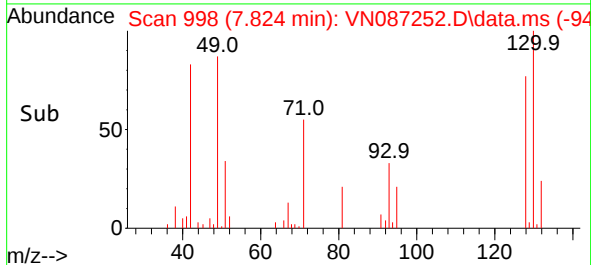
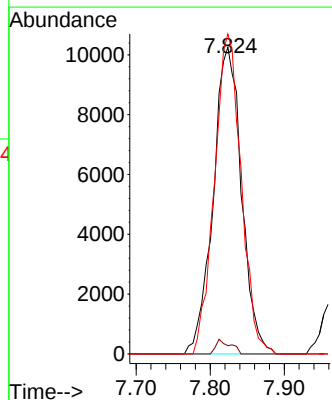
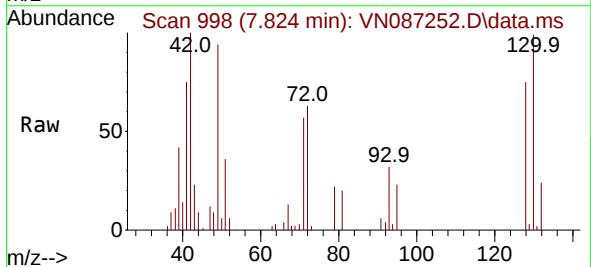
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD01

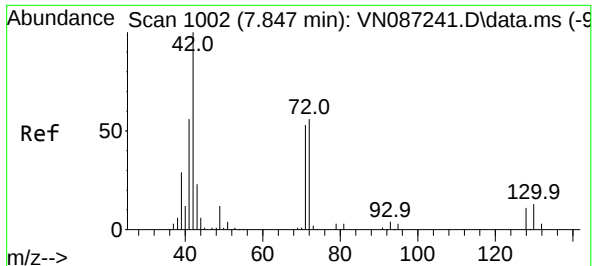
Tgt Ion: 96 Resp: 47028
 Ion Ratio Lower Upper
 96 100
 61 125.4 0.0 258.8
 98 66.0 0.0 130.8



#28
 Bromochloromethane
 Concen: 17.486 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN087252.D
 Acq: 01 Jul 2025 11:15

Tgt Ion: 49 Resp: 27265
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 98.3 78.4 117.6





#29

Tetrahydrofuran

Concen: 96.553 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN087252.D

Acq: 01 Jul 2025 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBSD01

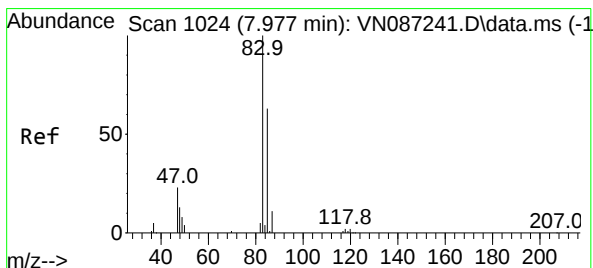
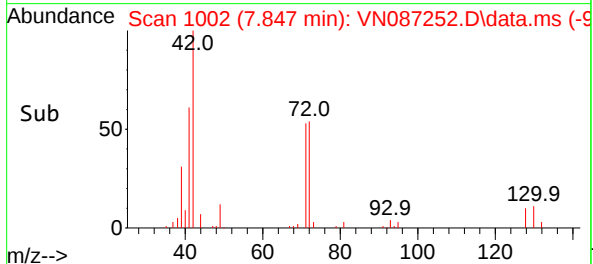
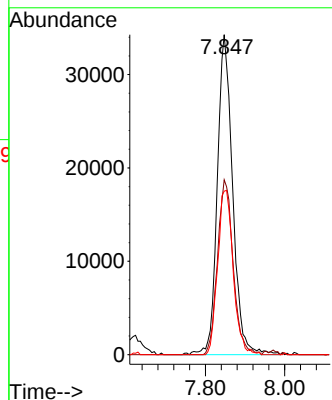
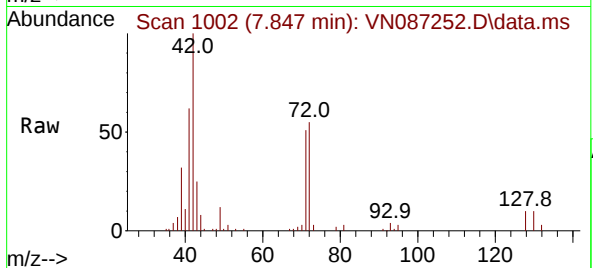
Tgt Ion: 42 Resp: 92192

Ion Ratio Lower Upper

42 100

72 55.7 44.2 66.4

71 52.0 41.1 61.7



#30

Chloroform

Concen: 19.323 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.000 min

Lab File: VN087252.D

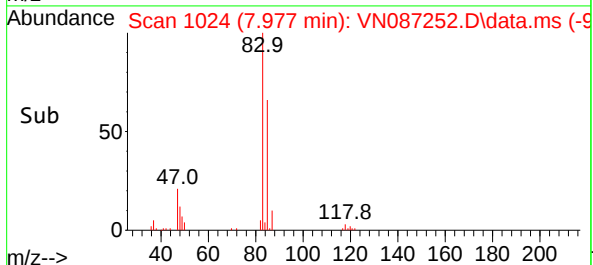
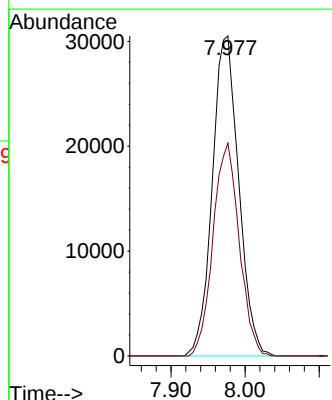
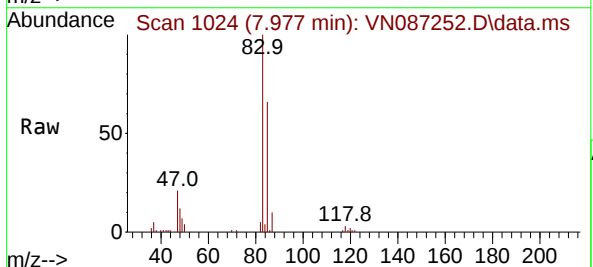
Acq: 01 Jul 2025 11:15

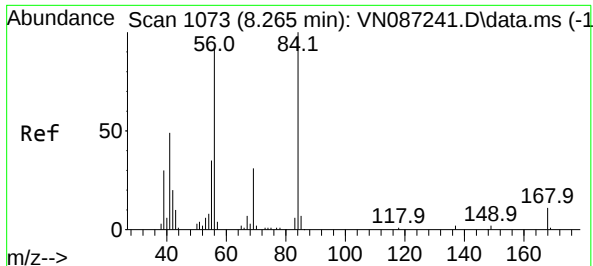
Tgt Ion: 83 Resp: 75659

Ion Ratio Lower Upper

83 100

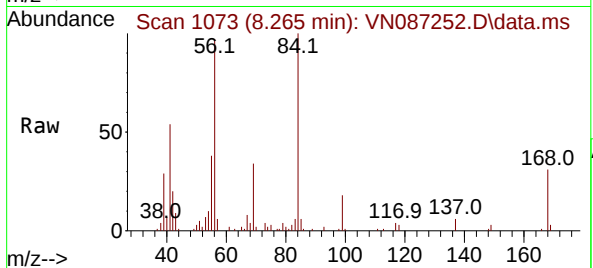
85 66.5 50.3 75.5



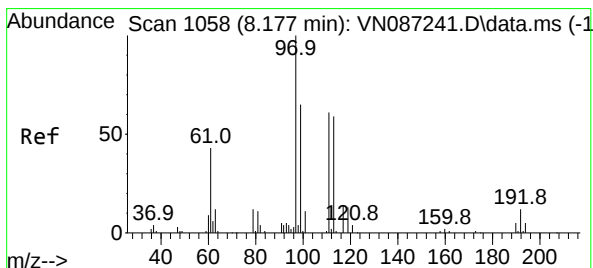
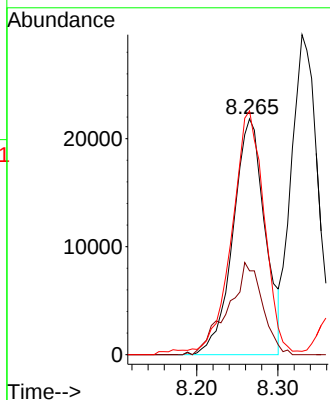
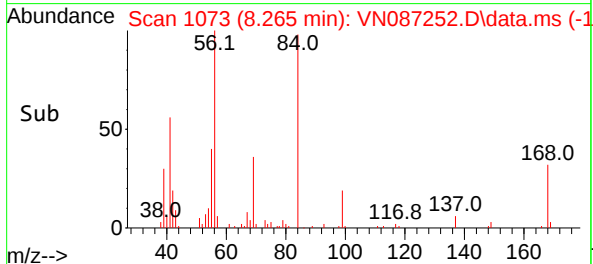


#31
Cyclohexane
Concen: 17.666 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

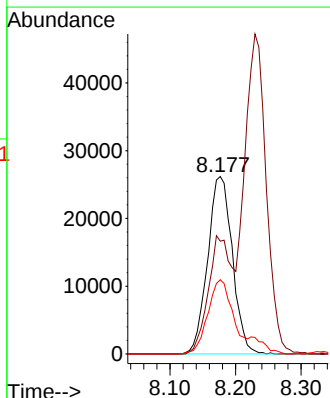
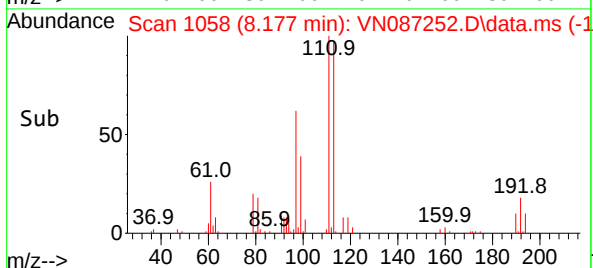
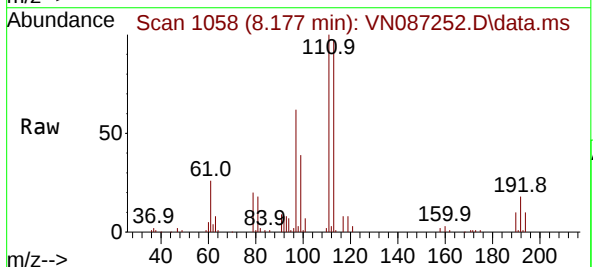


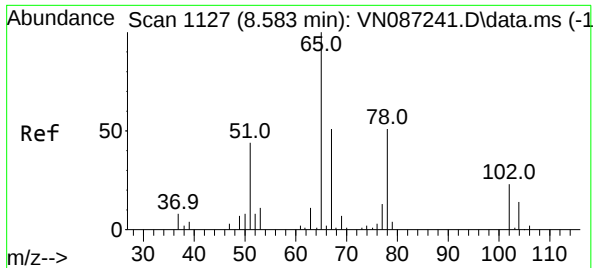
Tgt Ion:	56	Resp:	59669
Ion Ratio	Lower	Upper	
56	100		
69	35.6	27.0	40.6
84	101.6	86.2	129.4



#32
1,1,1-Trichloroethane
Concen: 18.779 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

Tgt Ion:	97	Resp:	68477
Ion Ratio	Lower	Upper	
97	100		
99	65.0	49.5	74.3
61	48.4	35.2	52.8





#33

1,2-Dichloroethane-d4

Concen: 49.774 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN087252.D

Acq: 01 Jul 2025 11:15

Instrument :

MSVOA_N

ClientSampleId :

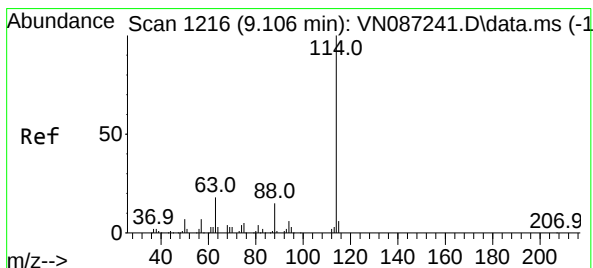
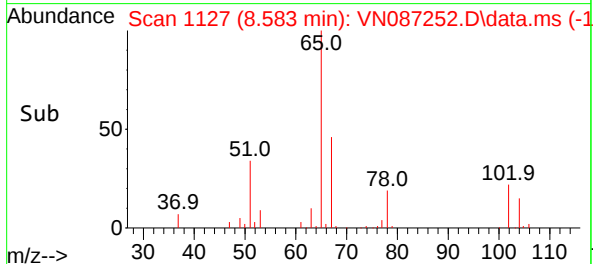
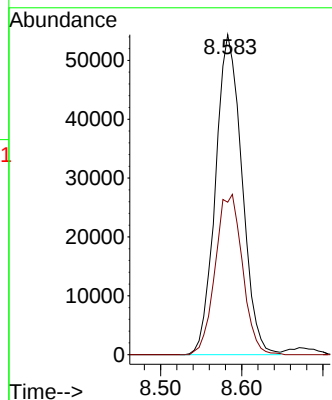
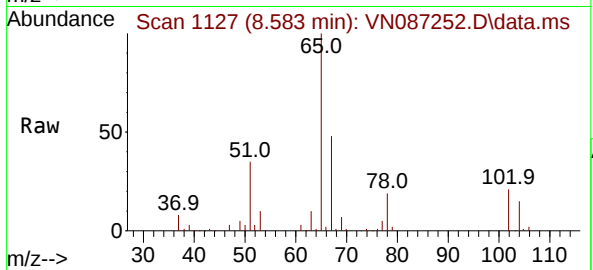
VN0701WBSD01

Tgt Ion: 65 Resp: 123443

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN087252.D

Acq: 01 Jul 2025 11:15

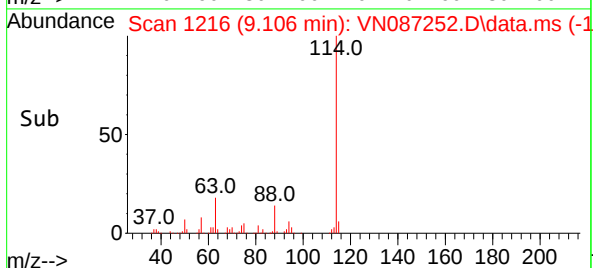
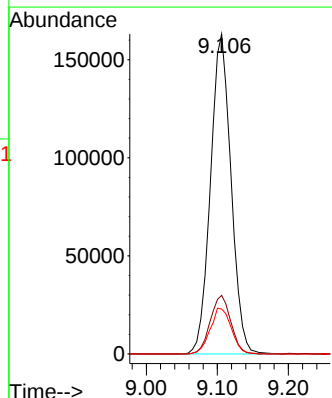
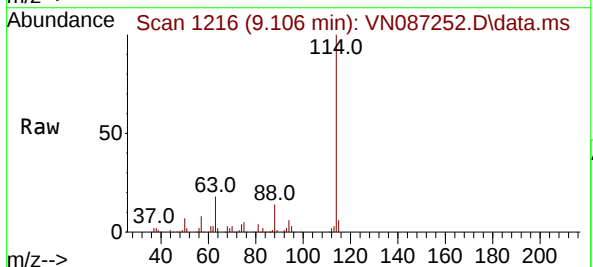
Tgt Ion: 114 Resp: 327296

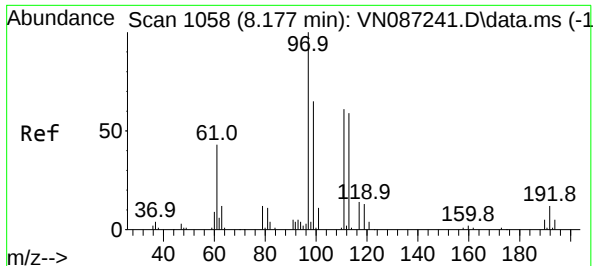
Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.6

88 14.0 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.749 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN087252.D

Acq: 01 Jul 2025 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBSD01

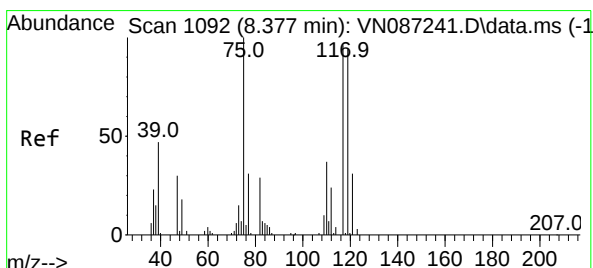
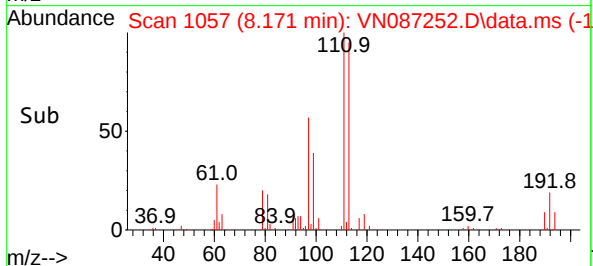
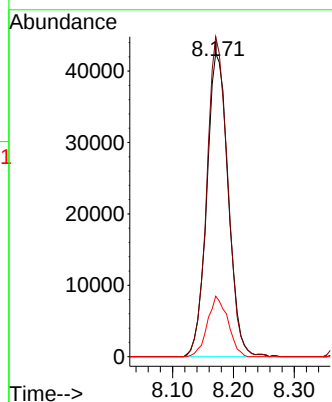
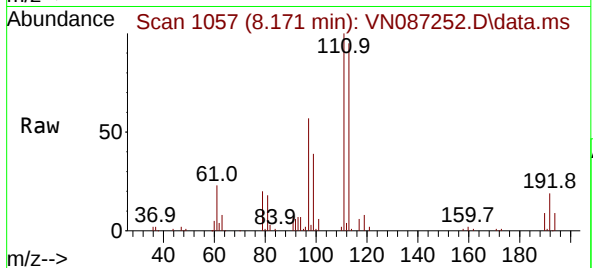
Tgt Ion:113 Resp: 104258

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.2

192 19.0 15.1 22.7



#36

1,1-Dichloropropene

Concen: 17.936 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN087252.D

Acq: 01 Jul 2025 11:15

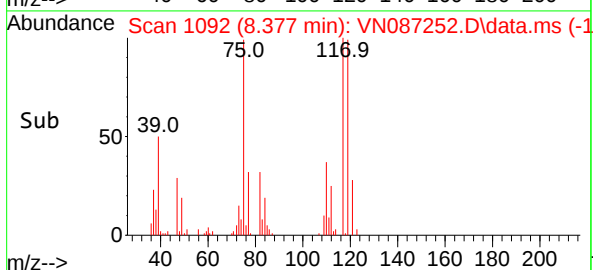
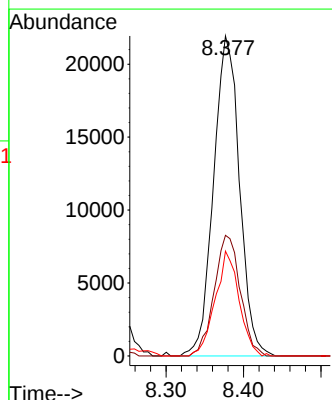
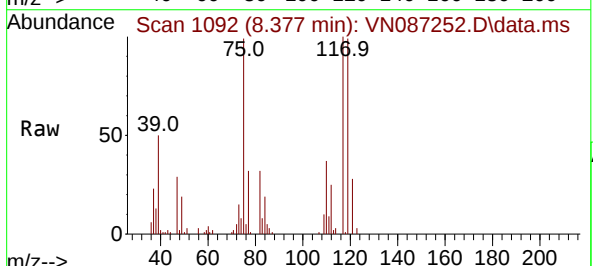
Tgt Ion: 75 Resp: 51115

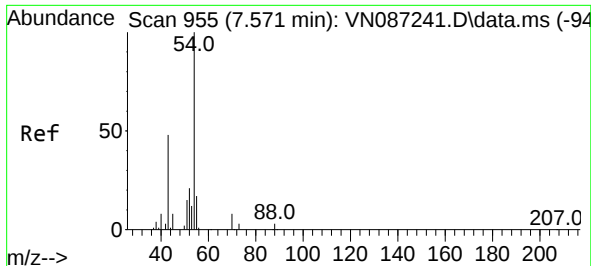
Ion Ratio Lower Upper

75 100

110 37.8 18.7 56.1

77 30.3 24.5 36.7

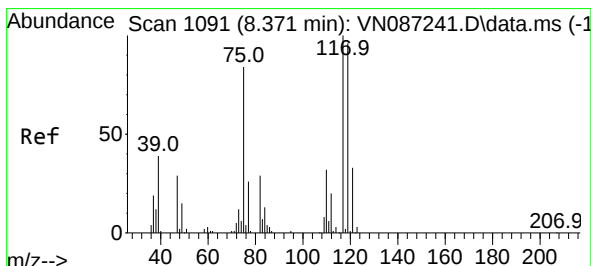
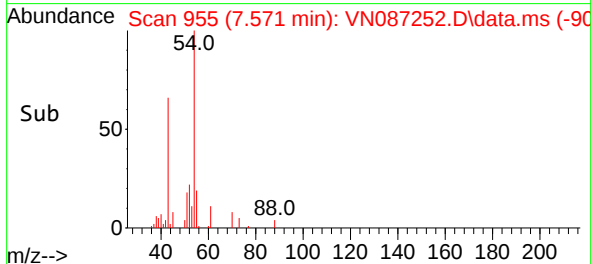
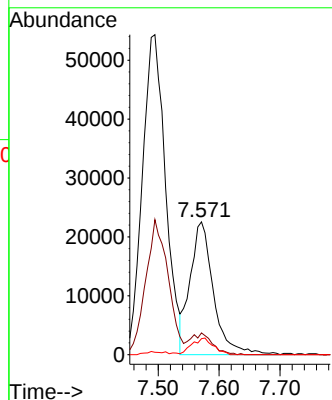
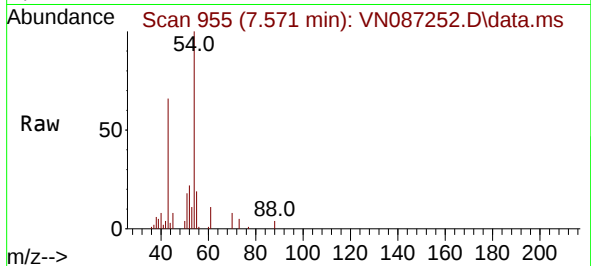




#37
Ethyl Acetate
Concen: 19.721 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

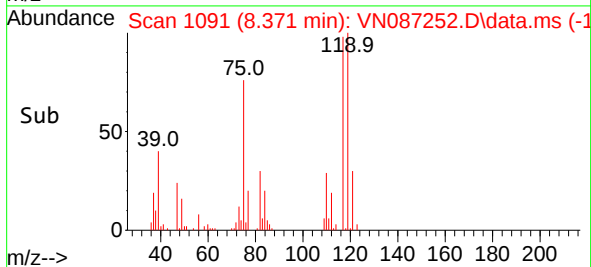
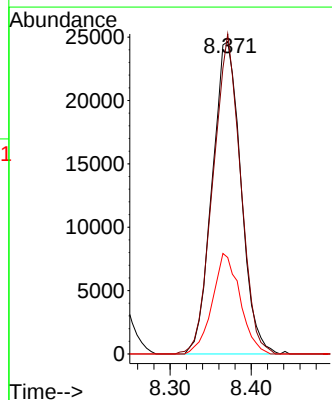
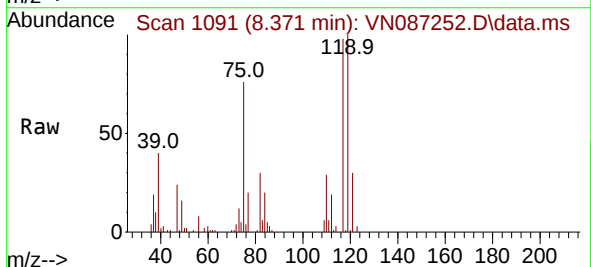
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

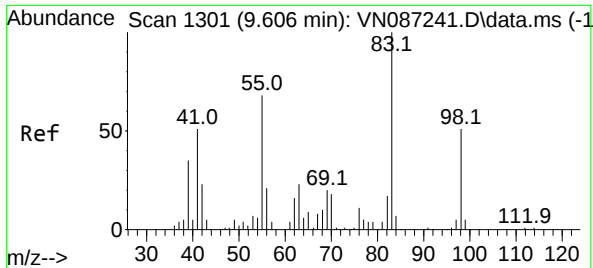
Tgt Ion: 43 Resp: 60419
Ion Ratio Lower Upper
43 100
61 14.2 11.3 16.9
70 11.4 9.9 14.9



#38
Carbon Tetrachloride
Concen: 18.715 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

Tgt Ion: 117 Resp: 60435
Ion Ratio Lower Upper
117 100
119 102.5 77.2 115.8
121 30.9 26.6 39.8

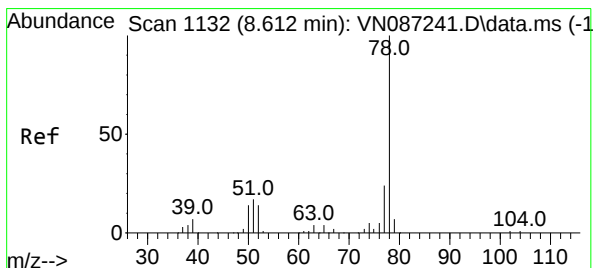
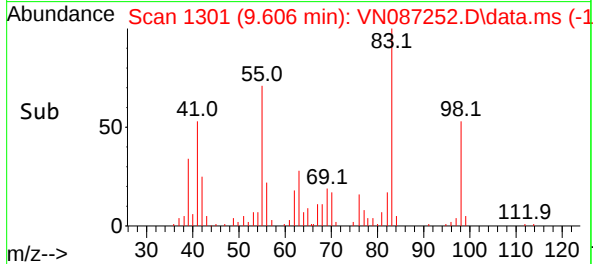
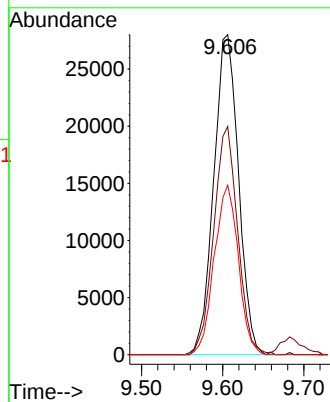
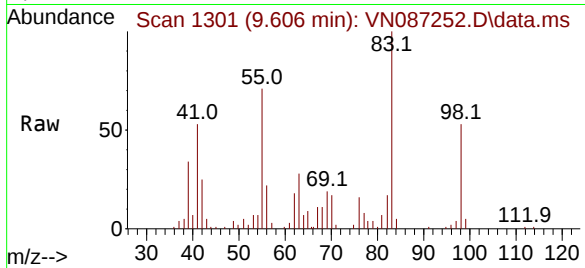




#39
Methylcyclohexane
Concen: 17.541 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

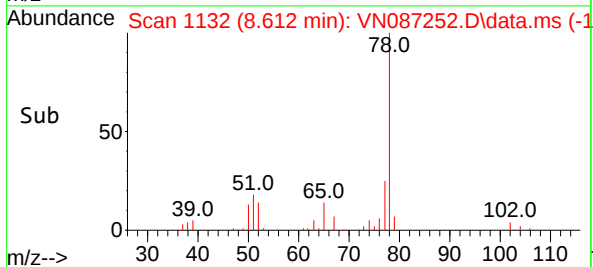
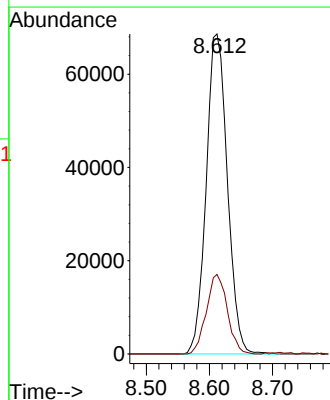
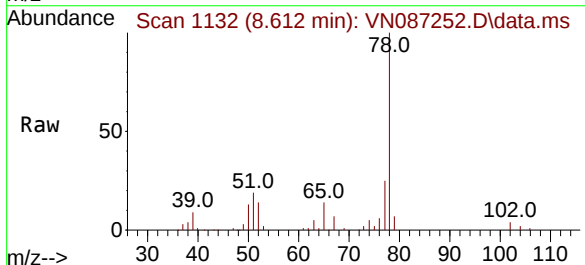
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

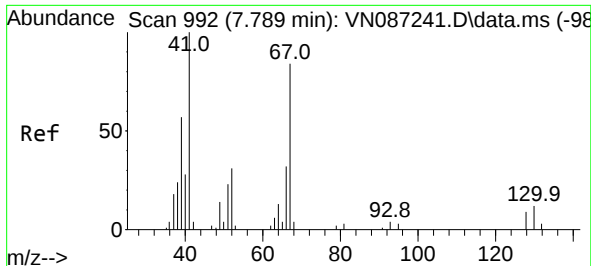
Tgt Ion: 83 Resp: 59532
Ion Ratio Lower Upper
83 100
55 71.3 54.6 81.8
98 53.0 41.2 61.8



#40
Benzene
Concen: 18.124 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

Tgt Ion: 78 Resp: 160020
Ion Ratio Lower Upper
78 100
77 24.9 19.5 29.3

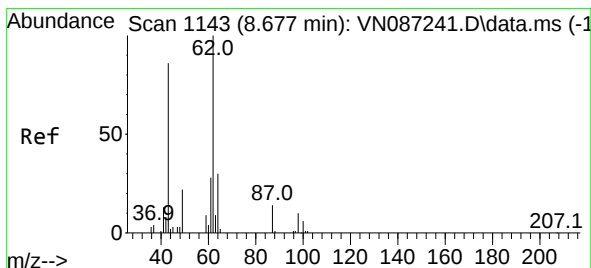
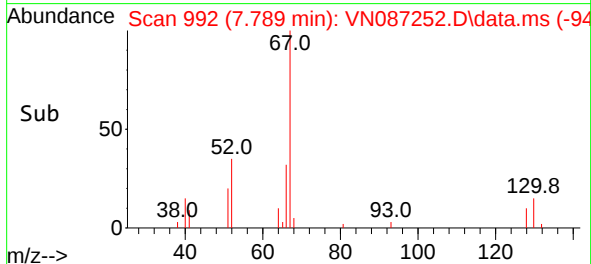
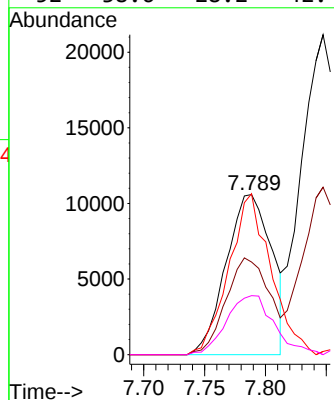
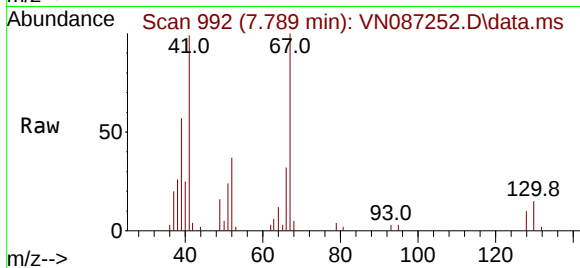




#41
Methacrylonitrile
Concen: 18.783 ug/l
RT: 7.789 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

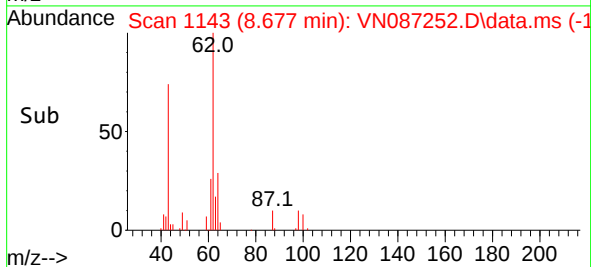
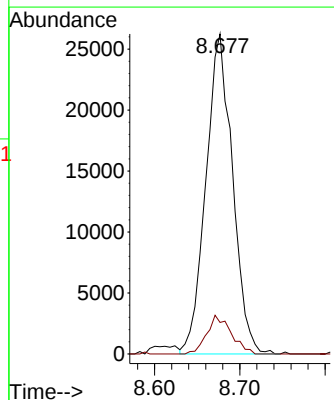
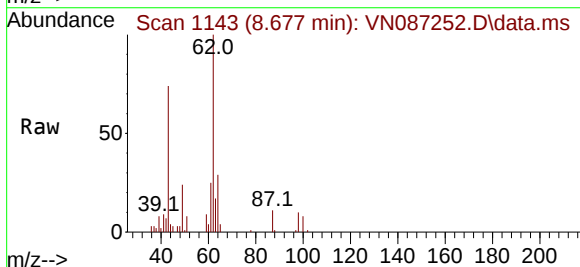
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

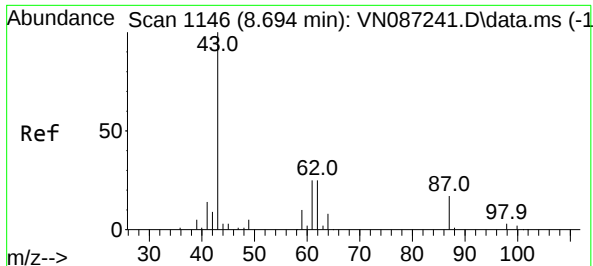
Tgt Ion:	41	Resp:	27514
Ion	Ratio	Lower	Upper
41	100		
39	57.7	46.4	69.6
67	92.8	70.8	106.2
52	38.6	28.2	42.4



#42
1,2-Dichloroethane
Concen: 19.431 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

Tgt Ion:	62	Resp:	57054
Ion	Ratio	Lower	Upper
62	100		
98	11.0	0.0	19.8





#43

Isopropyl Acetate

Concen: 18.756 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN087252.D

Acq: 01 Jul 2025 11:15

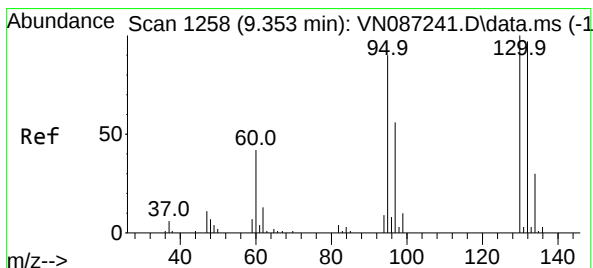
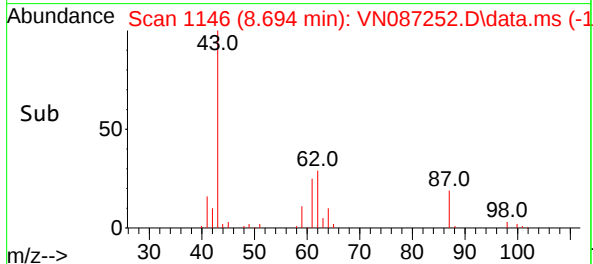
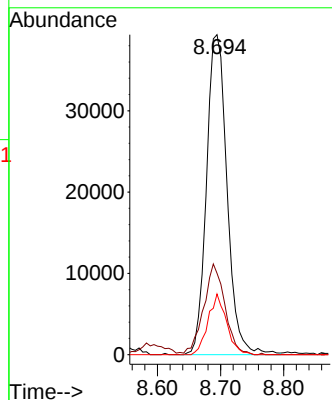
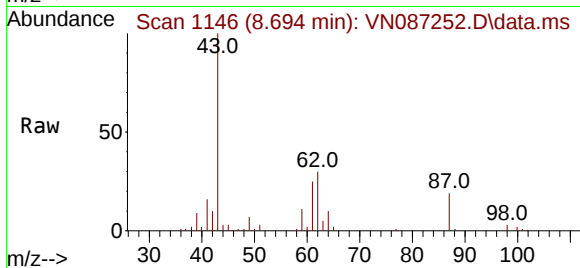
Instrument :

MSVOA_N

ClientSampleId :

VN0701WBSD01

Tgt Ion:	43	Resp:	89114
Ion	Ratio	Lower	Upper
43	100		
61	29.2	22.4	33.6
87	17.0	12.8	19.2



#44

Trichloroethene

Concen: 18.640 ug/l

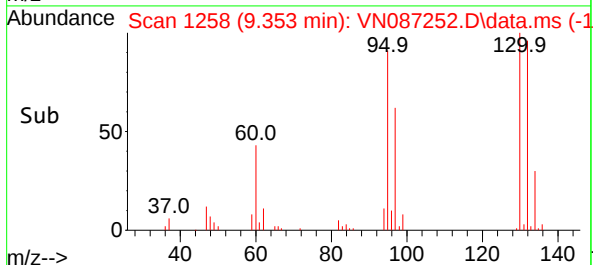
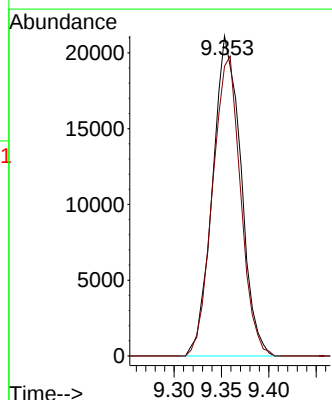
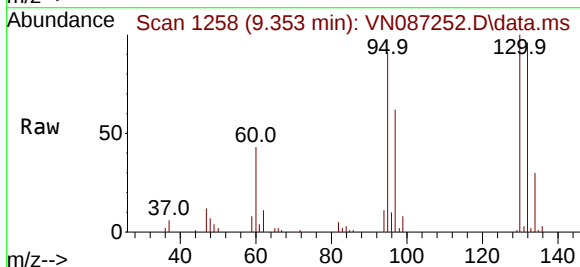
RT: 9.353 min Scan# 1258

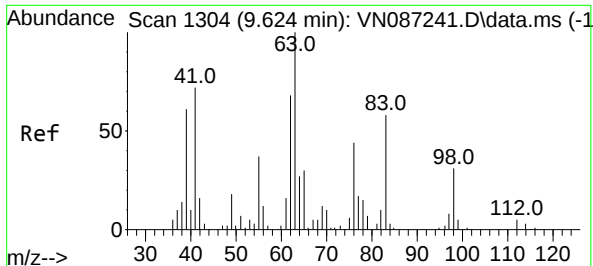
Delta R.T. 0.000 min

Lab File: VN087252.D

Acq: 01 Jul 2025 11:15

Tgt Ion:	130	Resp:	43731
Ion	Ratio	Lower	Upper
130	100		
95	90.6	0.0	179.2

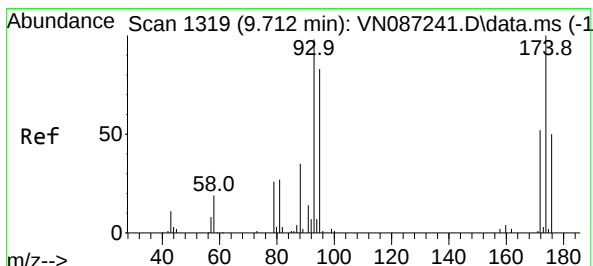
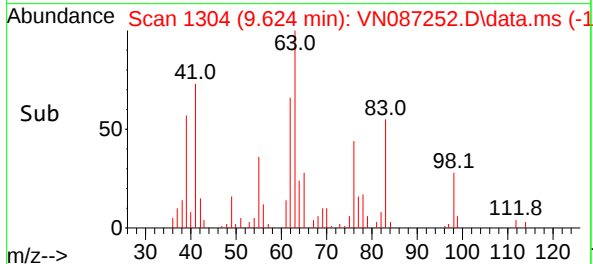
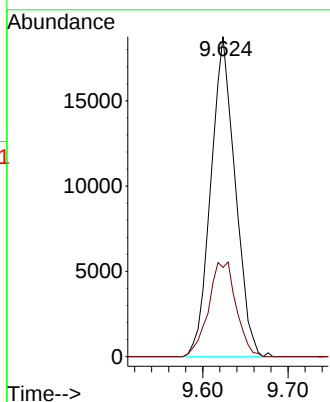
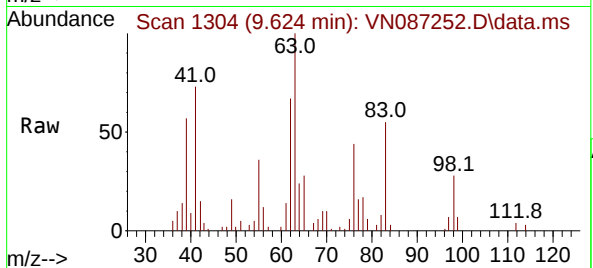




#45
1,2-Dichloropropane
Concen: 19.316 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

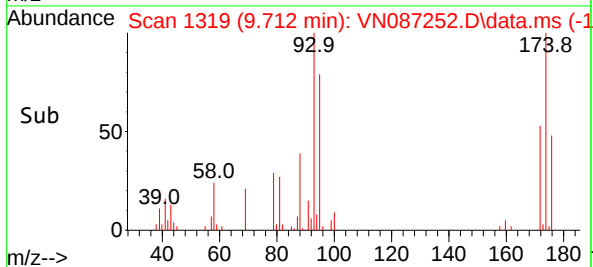
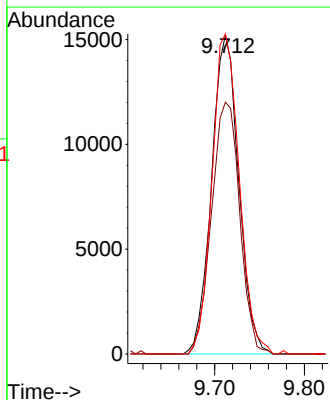
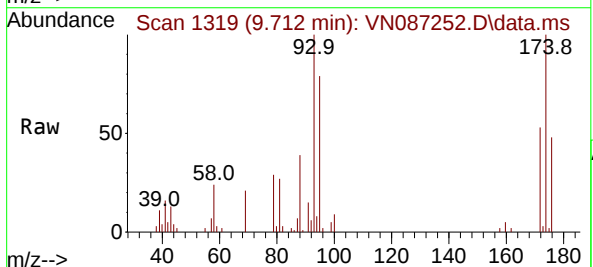
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

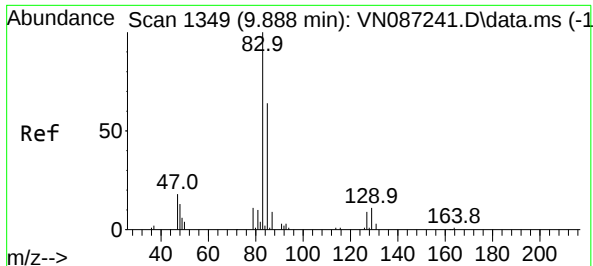
Tgt Ion: 63 Resp: 37184
Ion Ratio Lower Upper
63 100
65 27.9 23.8 35.8



#46
Dibromomethane
Concen: 19.445 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

Tgt Ion: 93 Resp: 31844
Ion Ratio Lower Upper
93 100
95 82.2 66.1 99.1
174 100.9 81.8 122.6

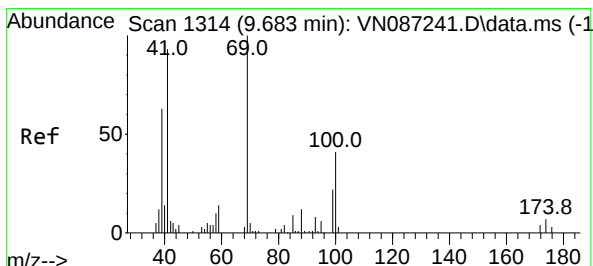
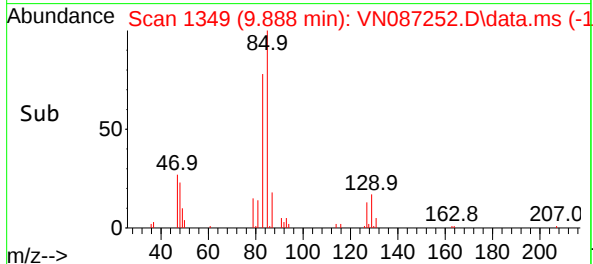
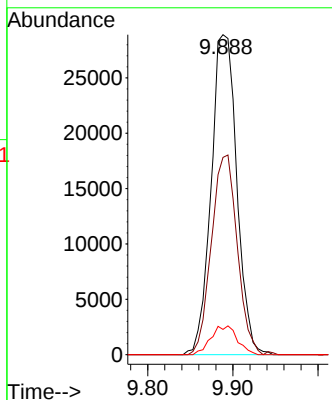
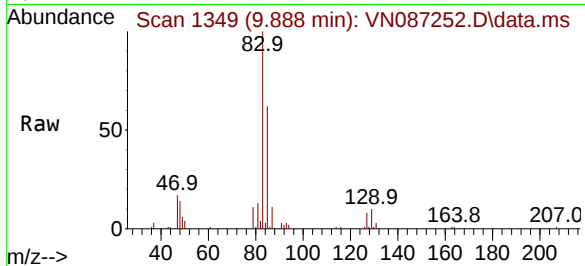




#47
Bromodichloromethane
Concen: 19.413 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

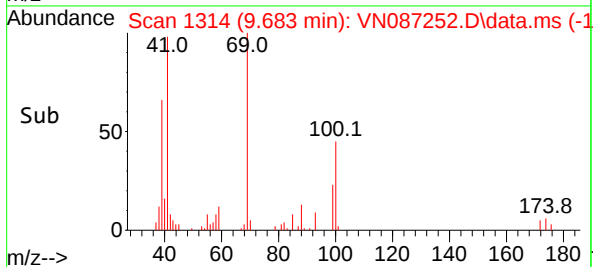
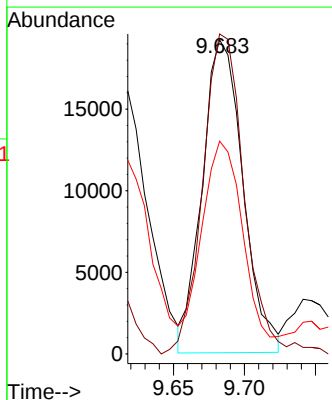
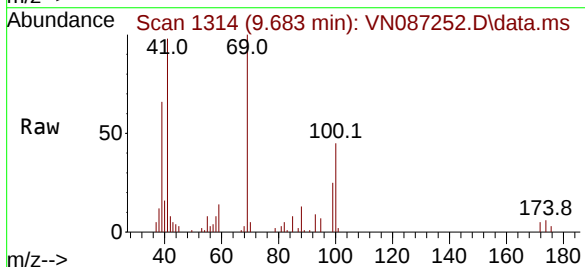
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

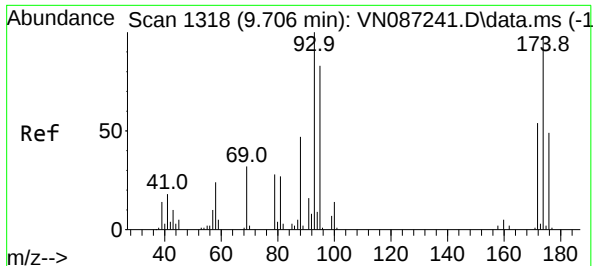
Tgt Ion: 83 Resp: 60636
Ion Ratio Lower Upper
83 100
85 61.7 51.2 76.8
127 7.9 7.0 10.4



#48
Methyl methacrylate
Concen: 19.093 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

Tgt Ion: 41 Resp: 38233
Ion Ratio Lower Upper
41 100
69 104.4 81.4 122.2
39 70.5 56.9 85.3





#49

1,4-Dioxane

Concen: 440.428 ug/l

RT: 9.706 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087252.D

Acq: 01 Jul 2025 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBSD01

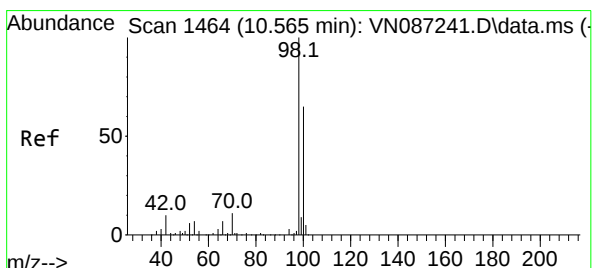
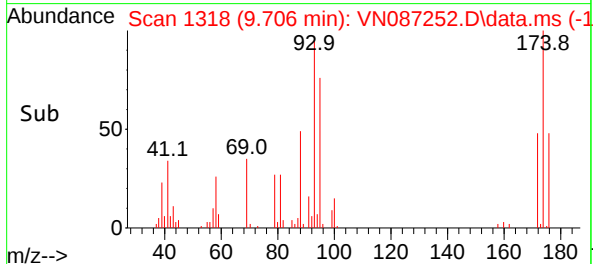
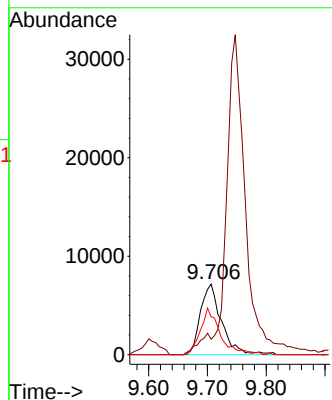
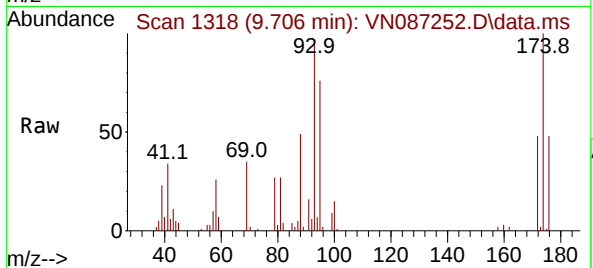
Tgt Ion: 88 Resp: 17972

Ion Ratio Lower Upper

88 100

43 18.5 0.0 0.0#

58 60.2 47.8 71.8



#50

Toluene-d8

Concen: 47.220 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN087252.D

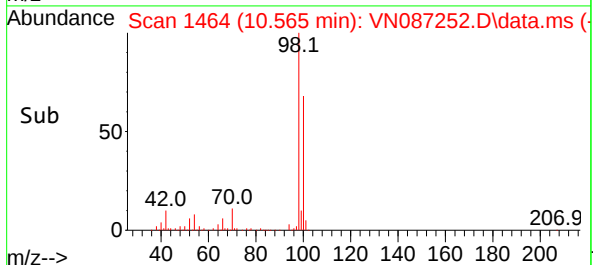
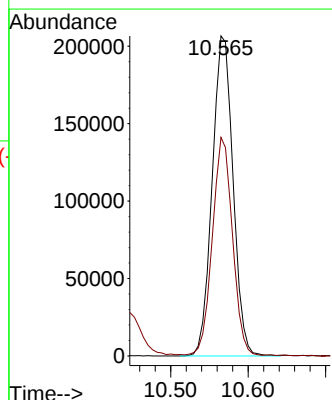
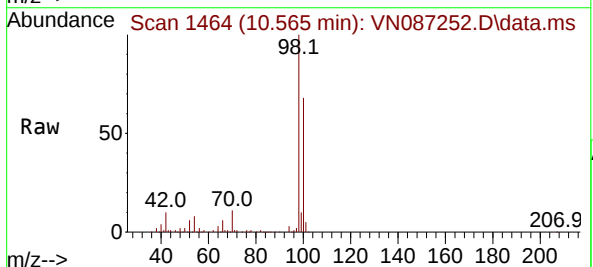
Acq: 01 Jul 2025 11:15

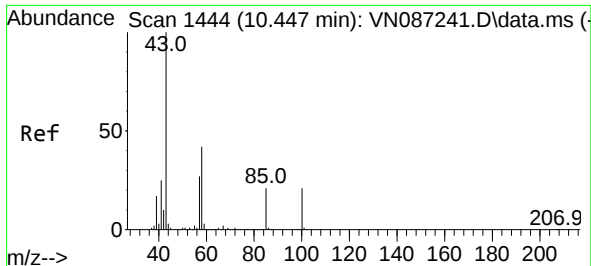
Tgt Ion: 98 Resp: 385721

Ion Ratio Lower Upper

98 100

100 65.9 52.1 78.1

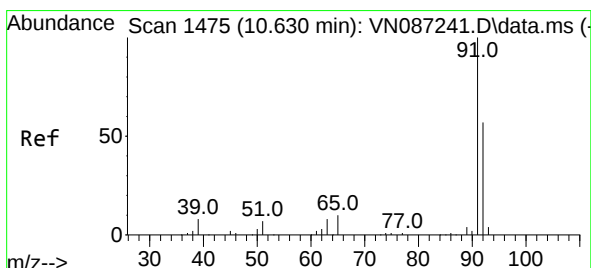
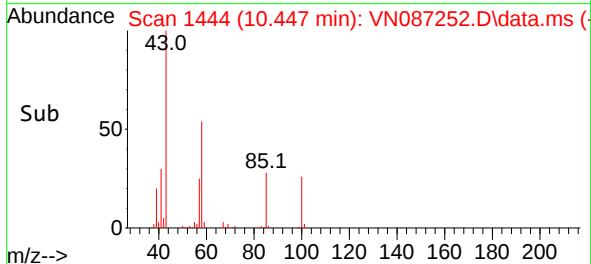
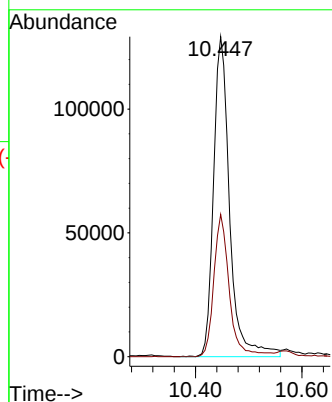
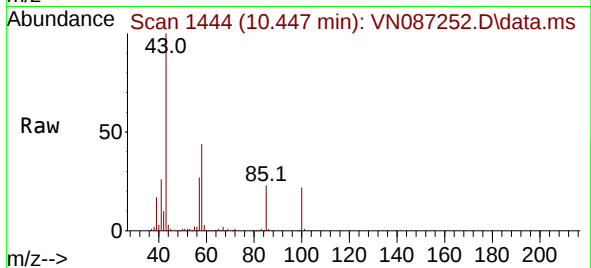




#51
4-Methyl-2-Pentanone
Concen: 93.380 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

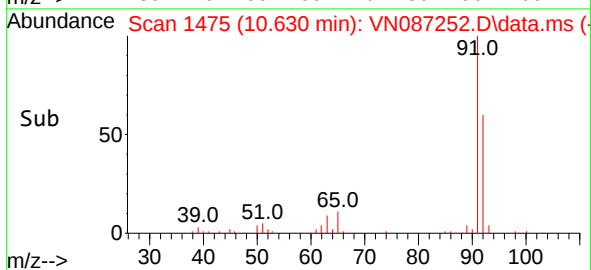
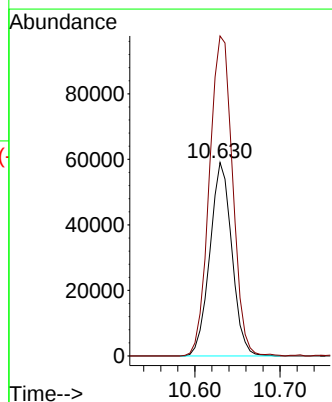
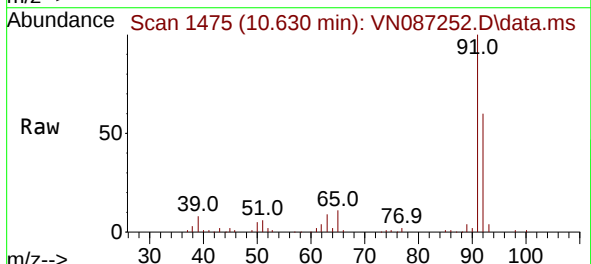
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

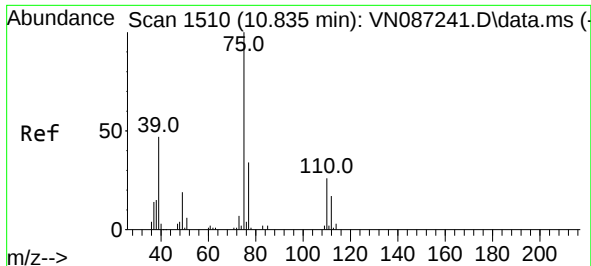
Tgt Ion: 43 Resp: 271451
Ion Ratio Lower Upper
43 100
58 43.0 34.2 51.2



#52
Toluene
Concen: 18.220 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

Tgt Ion: 92 Resp: 105505
Ion Ratio Lower Upper
92 100
91 175.3 137.8 206.6

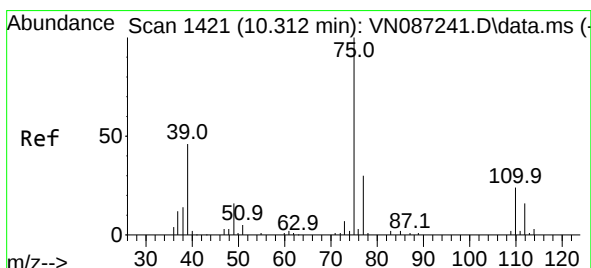
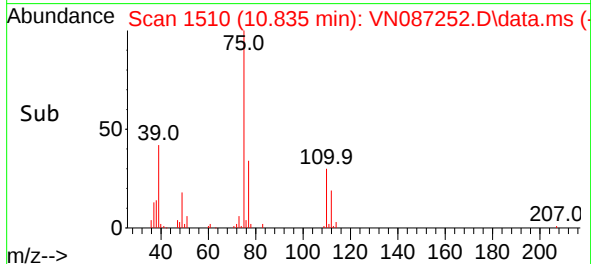
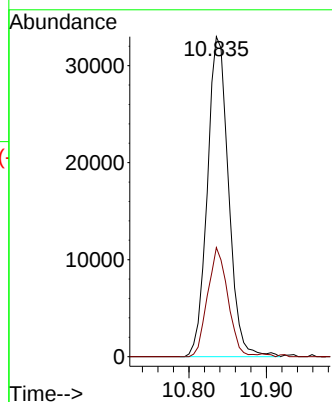
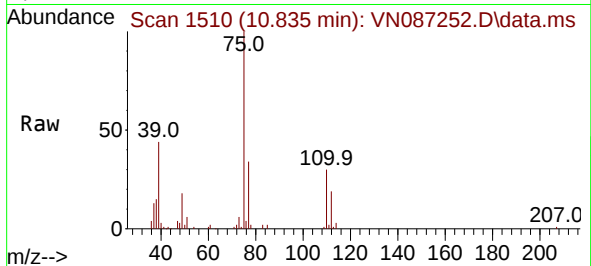




#53
t-1,3-Dichloropropene
Concen: 18.697 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

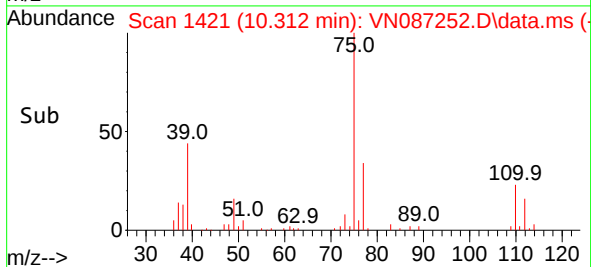
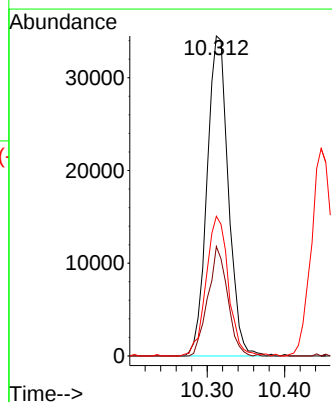
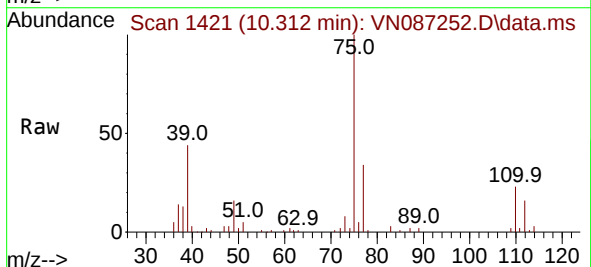
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

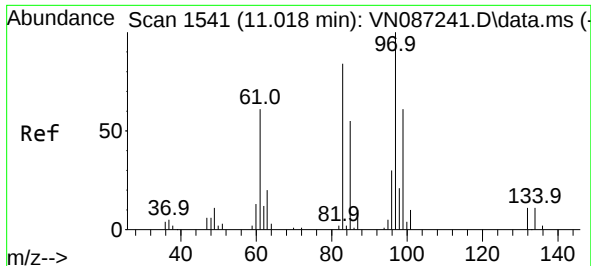
Tgt Ion: 75 Resp: 62636
Ion Ratio Lower Upper
75 100
77 34.1 27.1 40.7



#54
cis-1,3-Dichloropropene
Concen: 19.298 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

Tgt Ion: 75 Resp: 65868
Ion Ratio Lower Upper
75 100
77 34.2 24.1 36.1
39 43.7 36.7 55.1

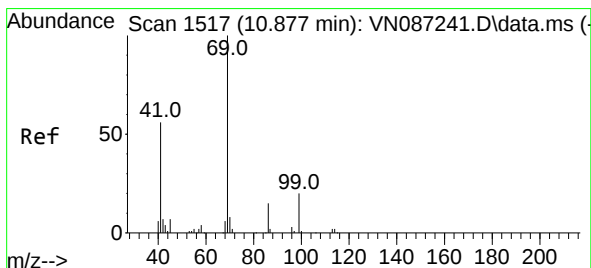
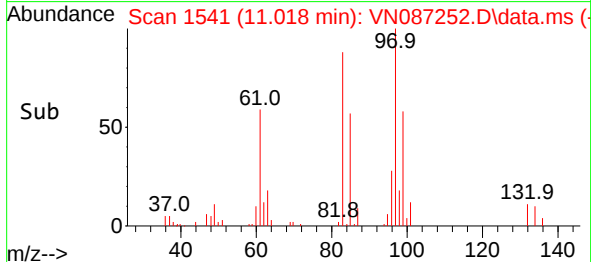
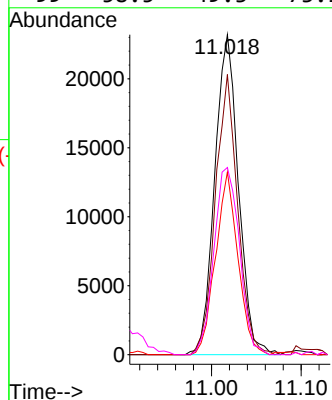
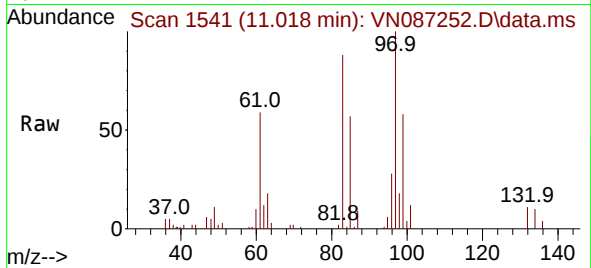




#55
1,1,2-Trichloroethane
Concen: 19.469 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

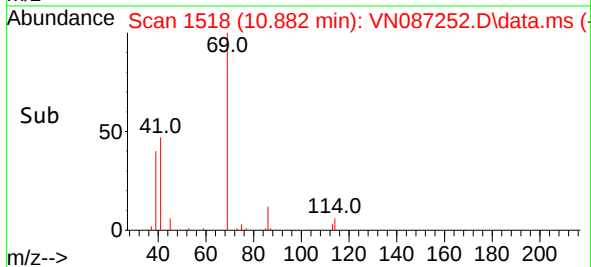
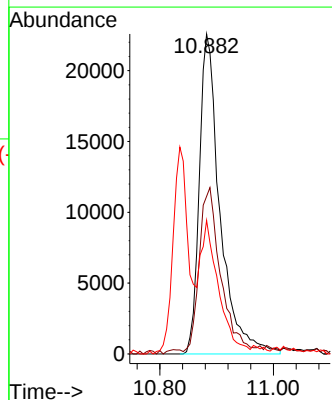
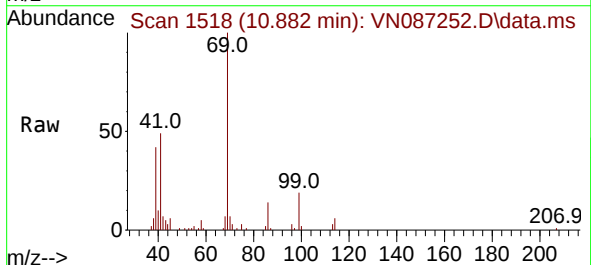
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

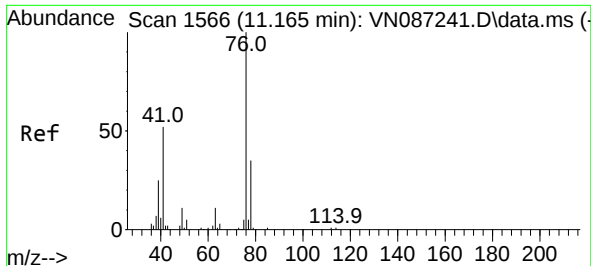
Tgt Ion:	97	Resp:	42587
Ion	Ratio	Lower	Upper
97	100		
83	87.6	67.4	101.2
85	57.1	43.6	65.4
99	58.5	49.3	73.9



#56
Ethyl methacrylate
Concen: 17.831 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.005 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

Tgt Ion:	69	Resp:	57145
Ion	Ratio	Lower	Upper
69	100		
41	53.1	44.2	66.4
39	34.2	29.5	44.3





#57

1,3-Dichloropropane

Concen: 18.936 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087252.D

Acq: 01 Jul 2025 11:15

Instrument :

MSVOA_N

ClientSampleId :

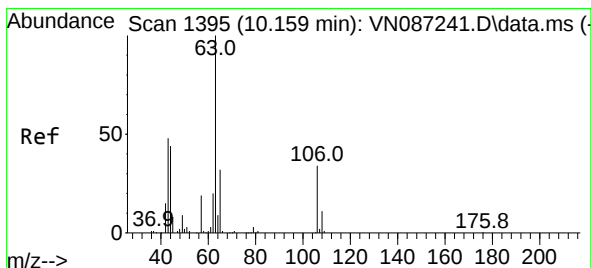
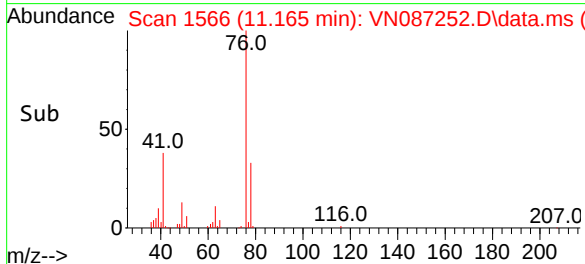
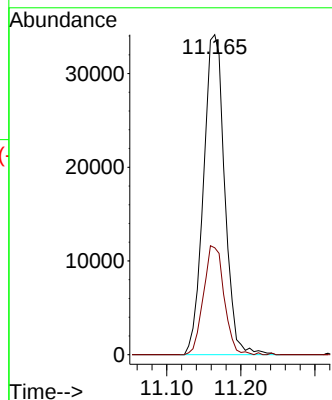
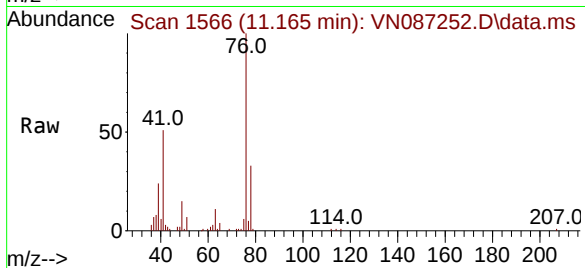
VN0701WBSD01

Tgt Ion: 76 Resp: 67605

Ion Ratio Lower Upper

76 100

78 33.2 27.1 40.7



#58

2-Chloroethyl Vinyl ether

Concen: 88.789 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN087252.D

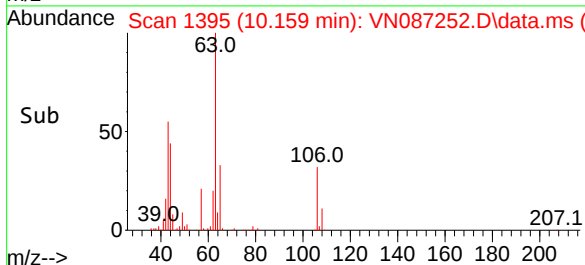
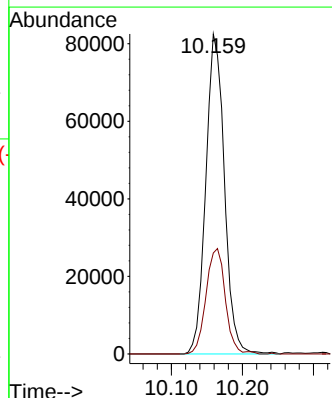
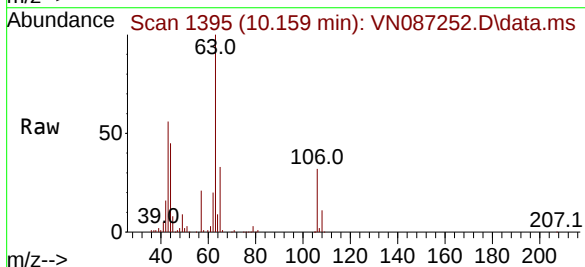
Acq: 01 Jul 2025 11:15

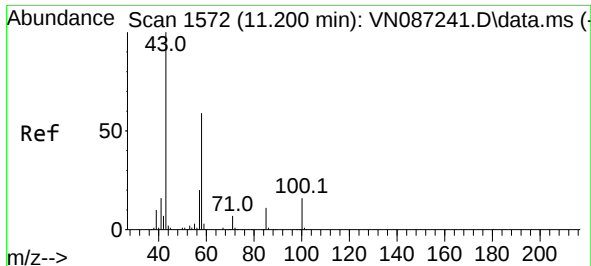
Tgt Ion: 63 Resp: 150385

Ion Ratio Lower Upper

63 100

106 34.2 26.9 40.3

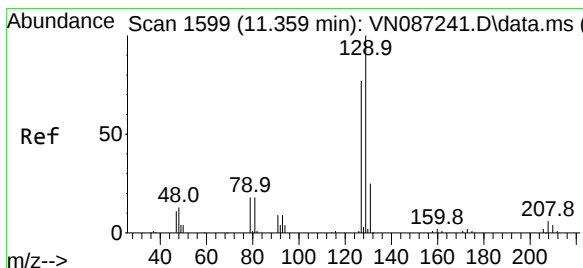
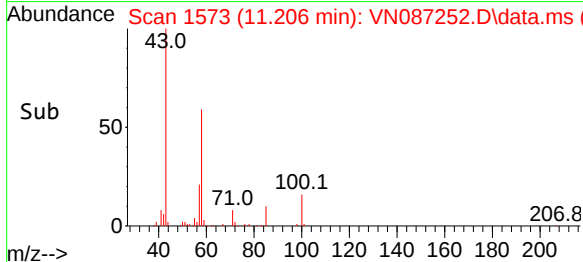
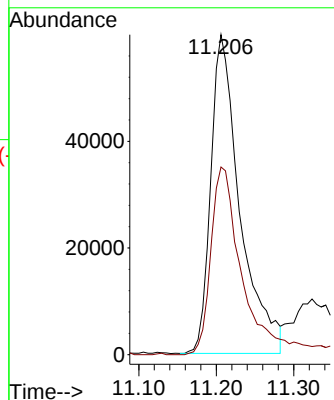
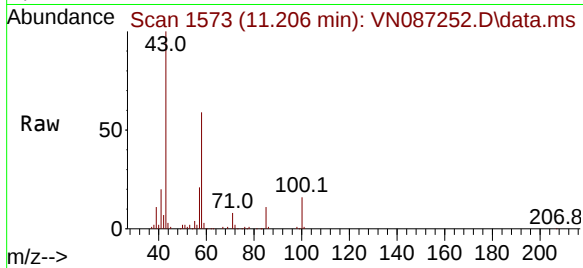




#59
2-Hexanone
Concen: 75.027 ug/l
RT: 11.206 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

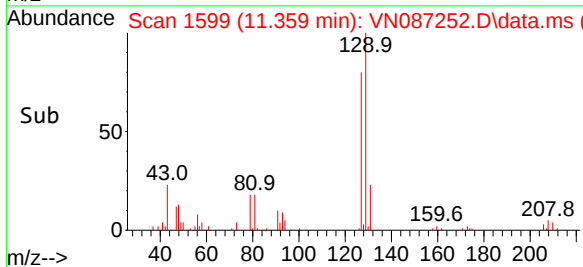
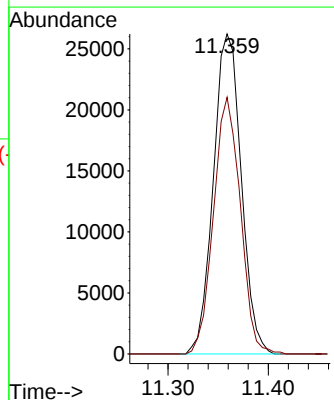
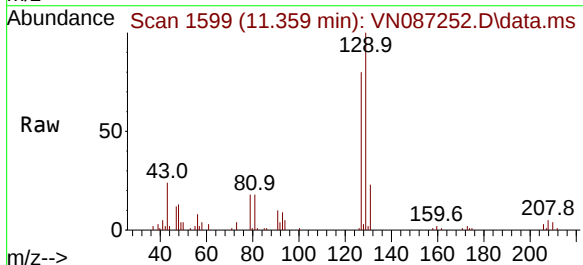
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

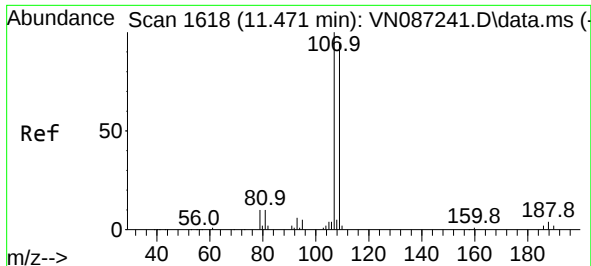
Tgt Ion: 43 Resp: 156226
Ion Ratio Lower Upper
43 100
58 64.1 31.1 93.3



#60
Dibromochloromethane
Concen: 19.643 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

Tgt Ion: 129 Resp: 50650
Ion Ratio Lower Upper
129 100
127 77.2 39.3 117.9

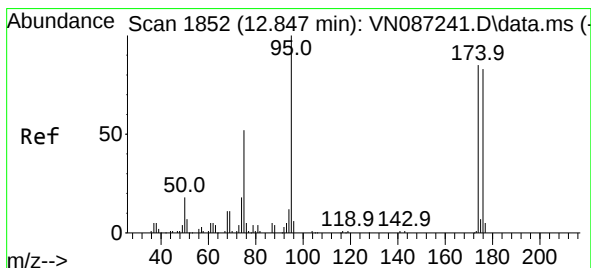
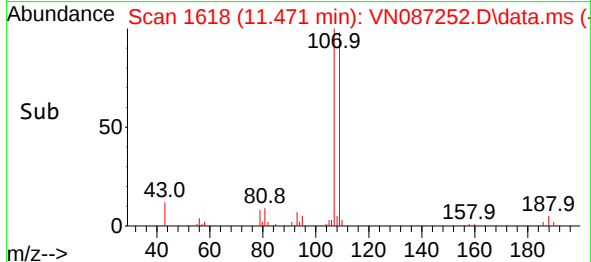
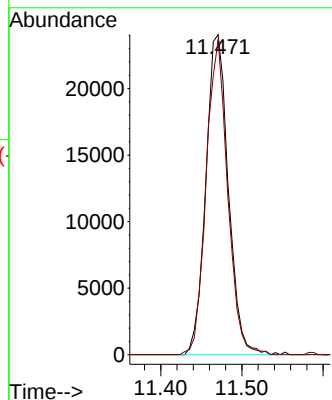
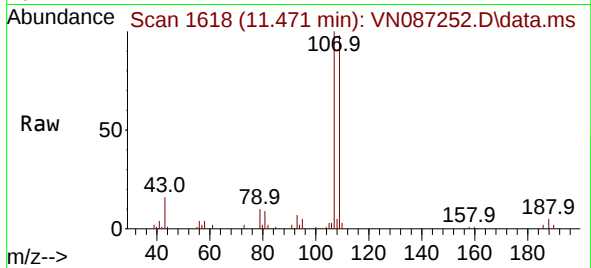




#61
1,2-Dibromoethane
Concen: 19.695 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

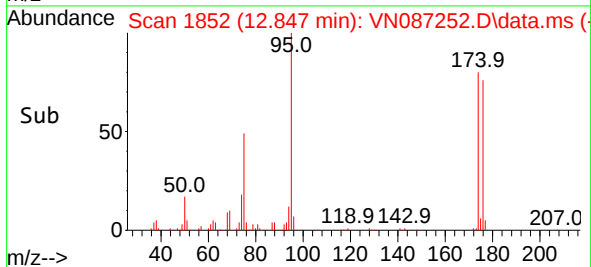
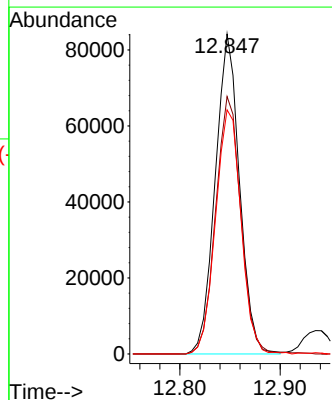
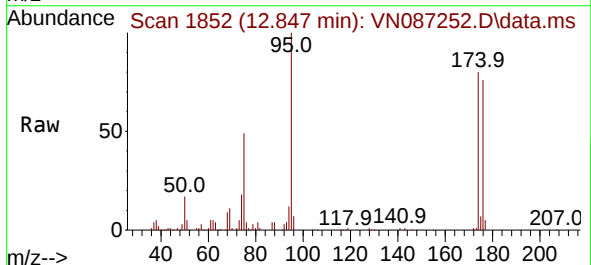
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

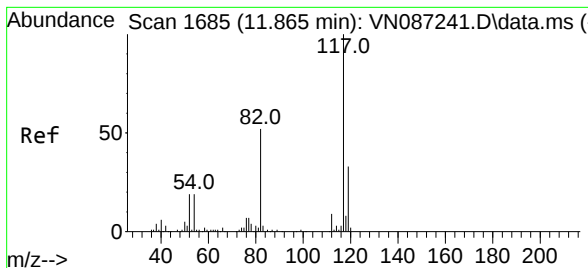
Tgt Ion:107 Resp: 46342
Ion Ratio Lower Upper
107 100
109 93.4 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 48.696 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

Tgt Ion: 95 Resp: 141533
Ion Ratio Lower Upper
95 100
174 83.7 0.0 169.6
176 80.1 0.0 161.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087252.D

Acq: 01 Jul 2025 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBSD01

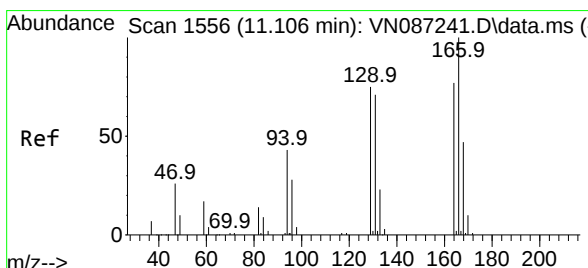
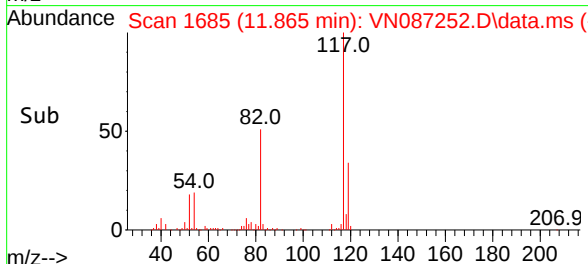
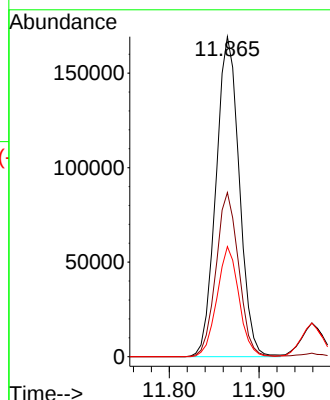
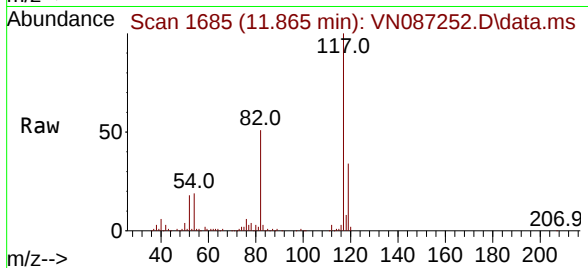
Tgt Ion:117 Resp: 305310

Ion Ratio Lower Upper

117 100

82 51.3 41.9 62.9

119 34.4 26.2 39.4



#64

Tetrachloroethene

Concen: 18.237 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN087252.D

Acq: 01 Jul 2025 11:15

Tgt Ion:164 Resp: 37124

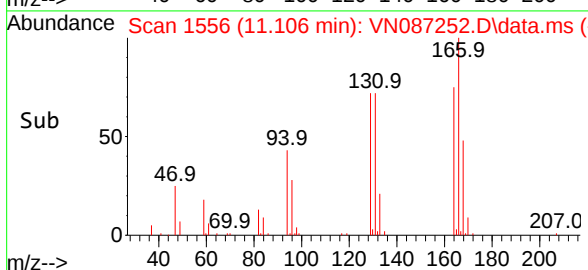
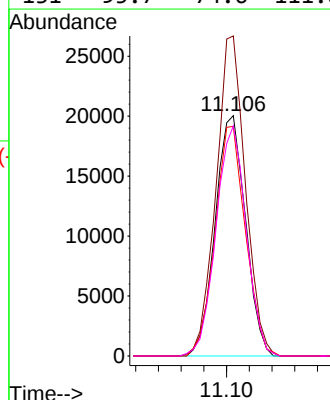
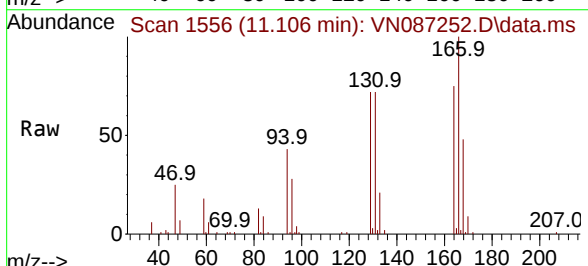
Ion Ratio Lower Upper

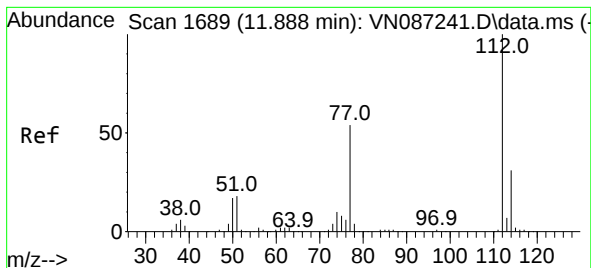
164 100

166 133.1 104.3 156.5

129 95.5 78.5 117.7

131 95.7 74.6 111.8

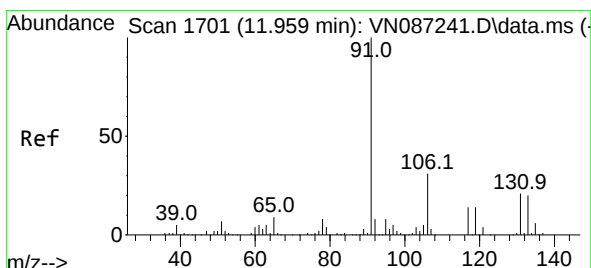
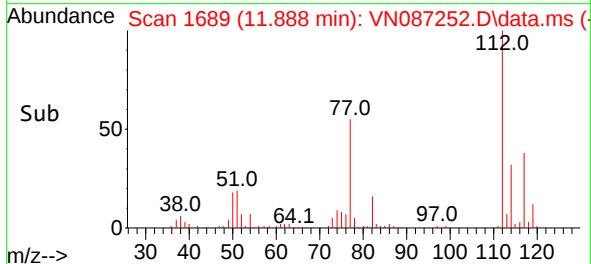
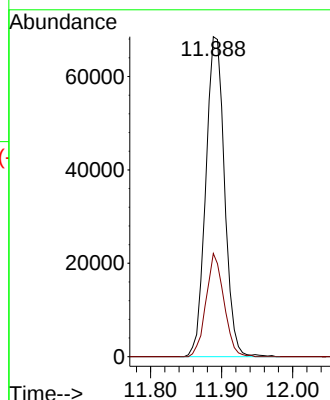
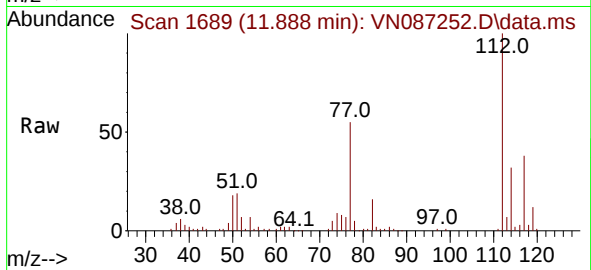




#65
Chlorobenzene
Concen: 18.365 ug/l
RT: 11.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

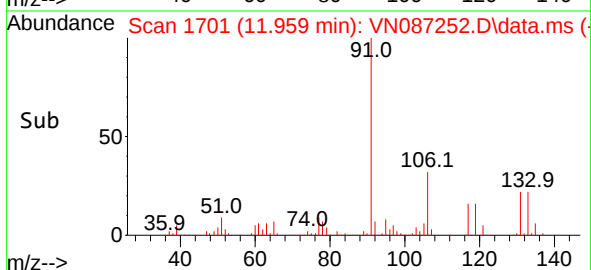
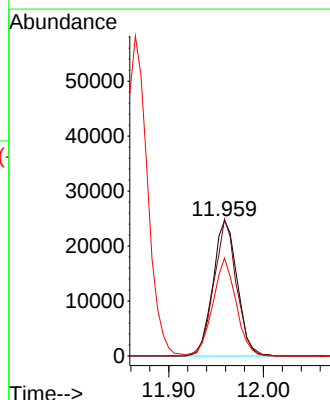
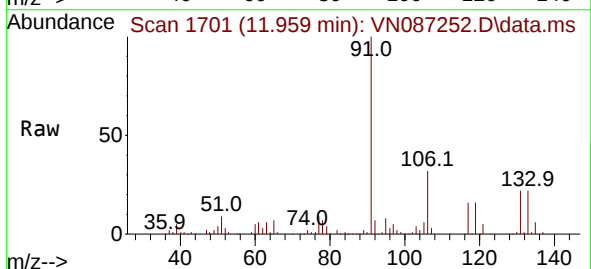
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

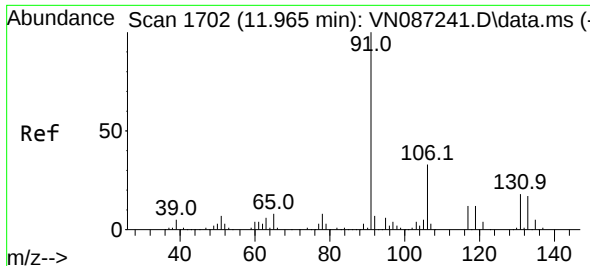
Tgt Ion:112 Resp: 125816
Ion Ratio Lower Upper
112 100
114 32.3 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.442 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

Tgt Ion:131 Resp: 43624
Ion Ratio Lower Upper
131 100
133 94.4 47.2 141.6
119 69.4 32.4 97.2

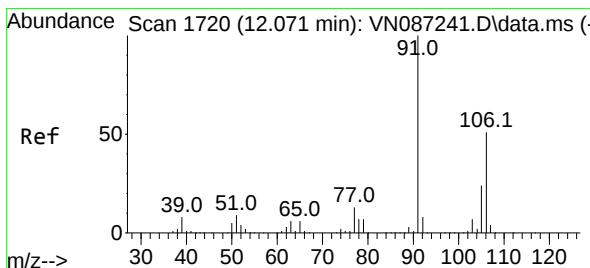
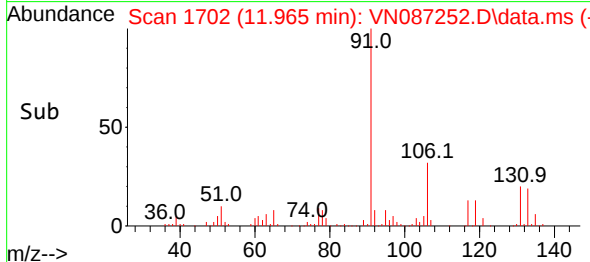
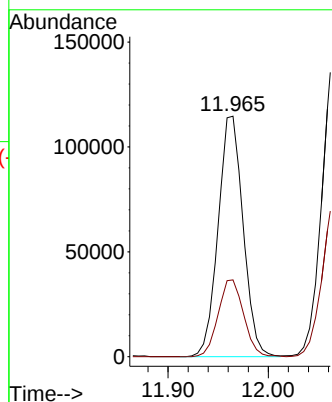
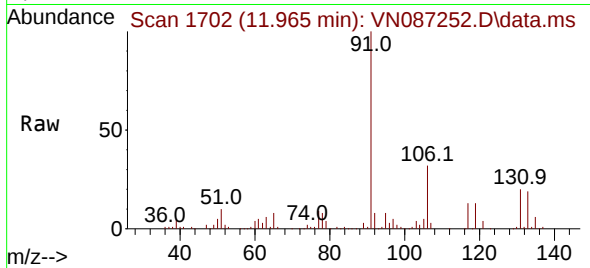




#67
Ethyl Benzene
Concen: 17.940 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

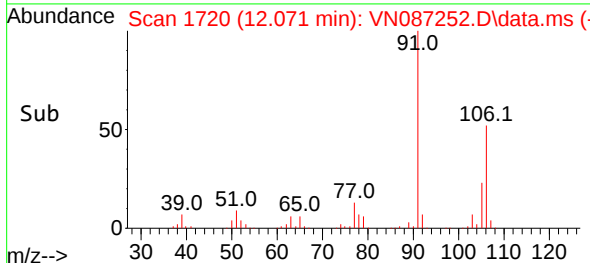
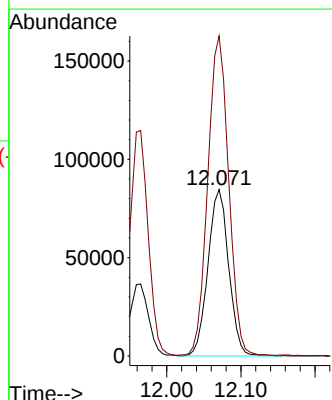
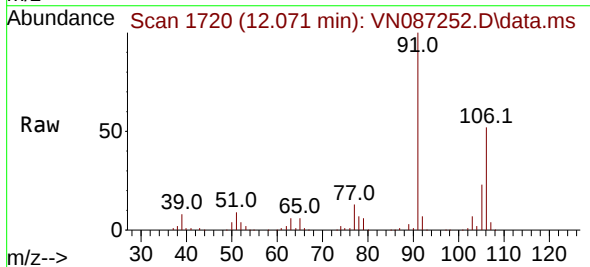
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

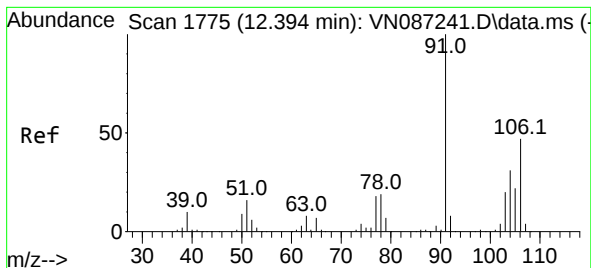
Tgt Ion: 91 Resp: 198876
Ion Ratio Lower Upper
91 100
106 31.9 26.2 39.4



#68
m/p-Xylenes
Concen: 37.109 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

Tgt Ion:106 Resp: 164355
Ion Ratio Lower Upper
106 100
91 193.1 158.2 237.2





#69

o-Xylene

Concen: 18.186 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN087252.D

Acq: 01 Jul 2025 11:15

Instrument :

MSVOA_N

ClientSampleId :

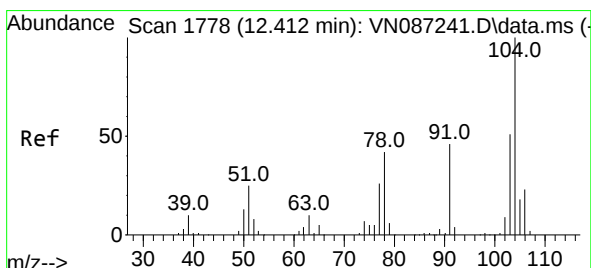
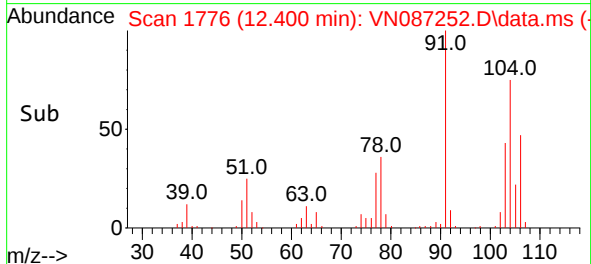
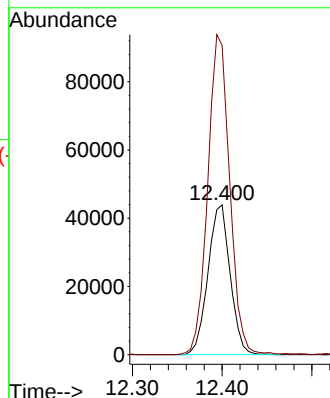
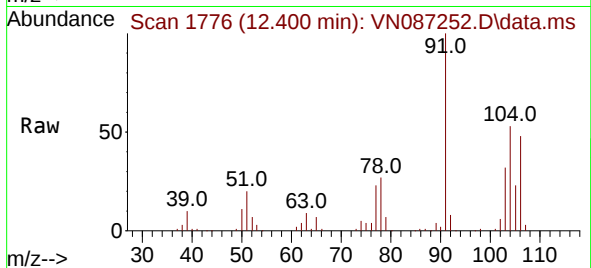
VN0701WBSD01

Tgt Ion:106 Resp: 75346

Ion Ratio Lower Upper

106 100

91 211.2 105.4 316.1



#70

Styrene

Concen: 18.265 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN087252.D

Acq: 01 Jul 2025 11:15

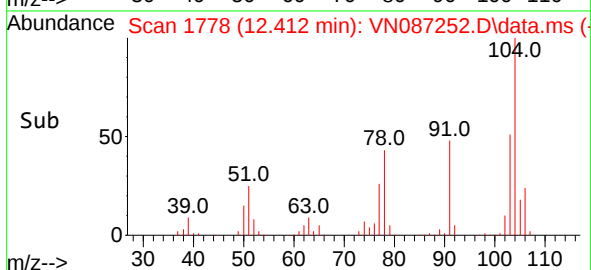
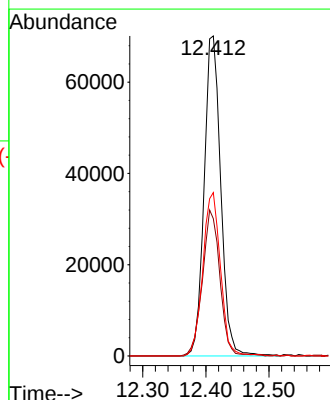
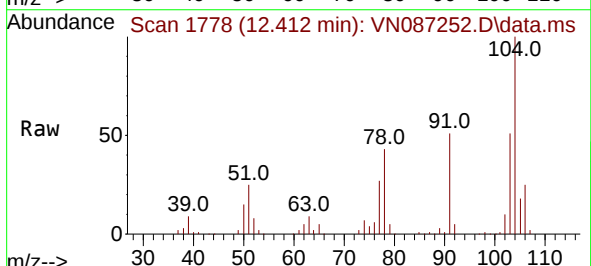
Tgt Ion:104 Resp: 128606

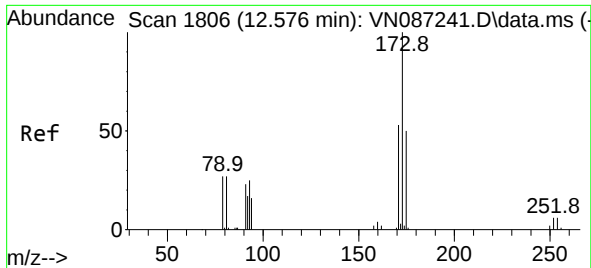
Ion Ratio Lower Upper

104 100

78 47.8 37.6 56.4

103 54.2 44.0 66.0

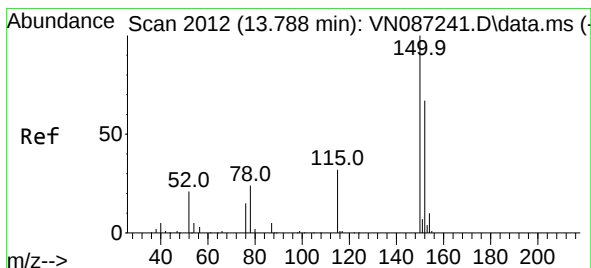
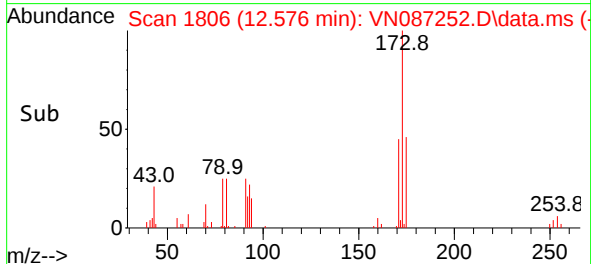
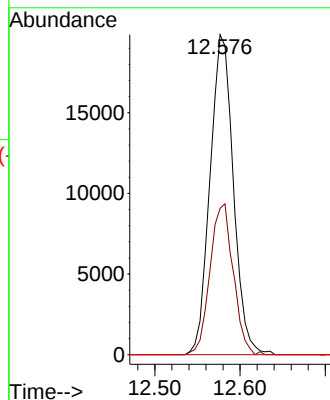
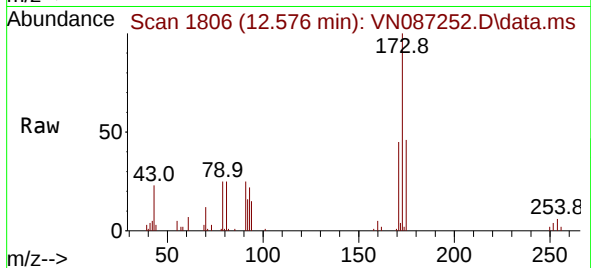




#71
Bromoform
Concen: 20.663 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

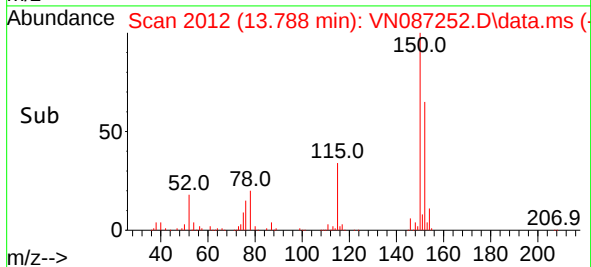
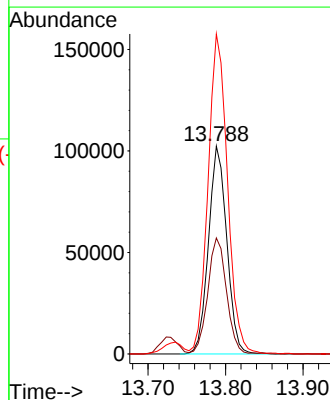
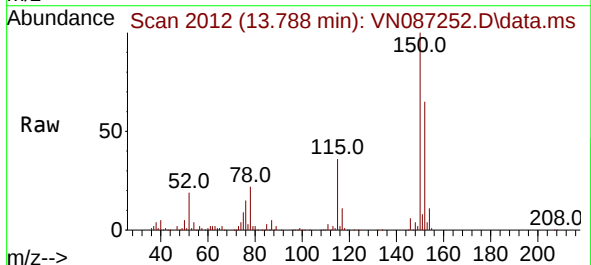
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

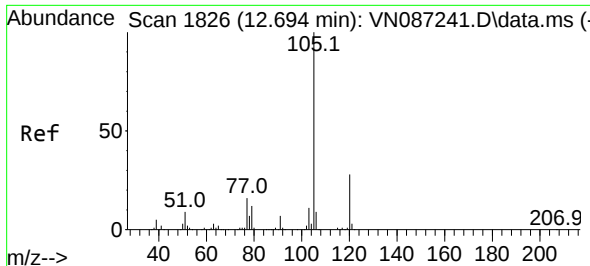
Tgt Ion:173 Resp: 37709
Ion Ratio Lower Upper
173 100
175 46.9 24.6 73.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

Tgt Ion:152 Resp: 167986
Ion Ratio Lower Upper
152 100
115 57.1 28.3 84.9
150 163.0 0.0 344.6

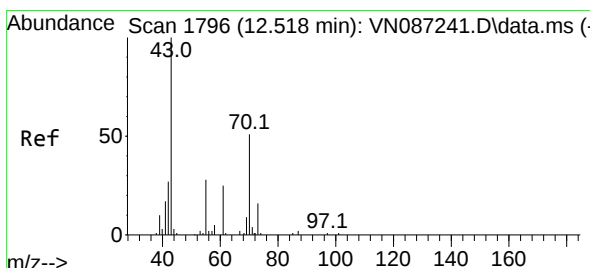
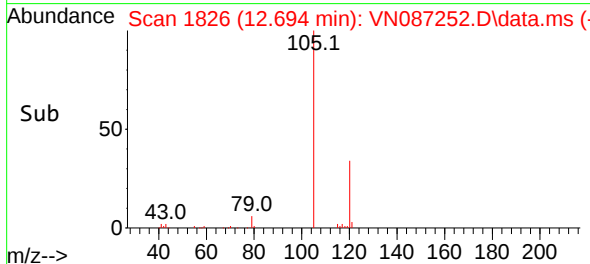
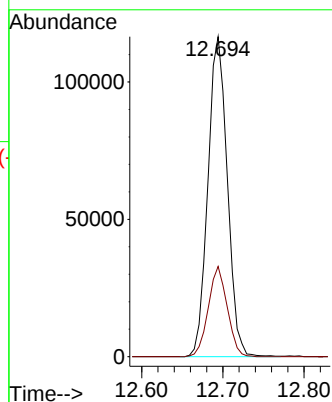
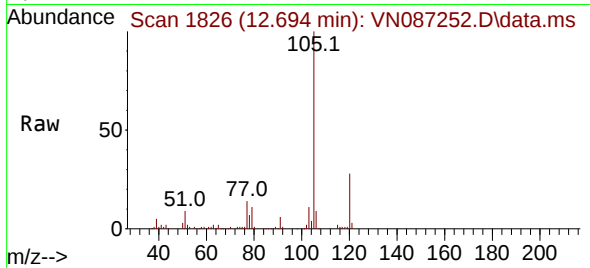




#73
Isopropylbenzene
Concen: 17.861 ug/l
RT: 12.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

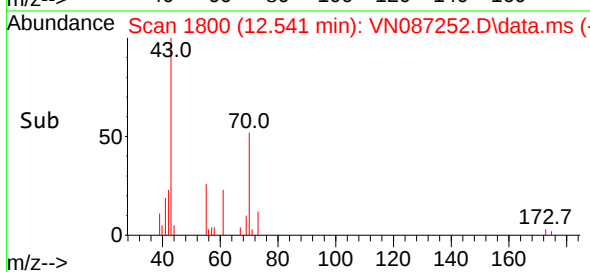
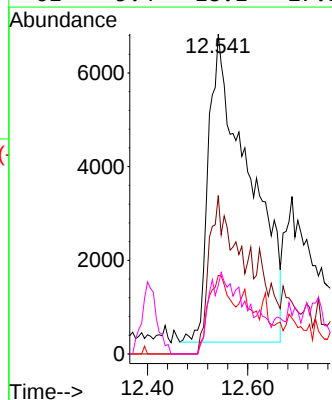
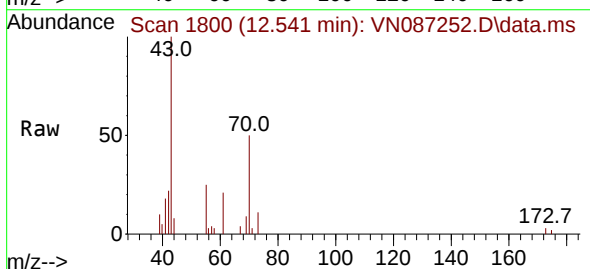
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

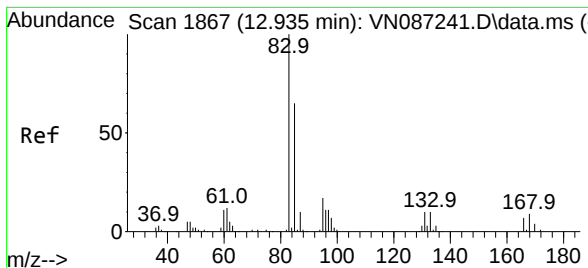
Tgt Ion:105 Resp: 193326
Ion Ratio Lower Upper
105 100
120 27.5 13.9 41.6



#74
N-ethyl acetate
Concen: 10.334 ug/l
RT: 12.541 min Scan# 1800
Delta R.T. 0.023 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

Tgt Ion: 43 Resp: 36785
Ion Ratio Lower Upper
43 100
70 25.4 29.2 43.8#
55 14.3 17.0 25.4#
61 5.4 18.1 27.1#

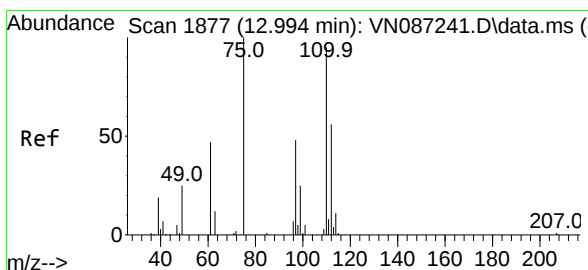
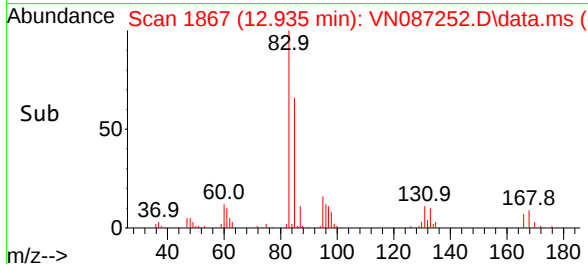
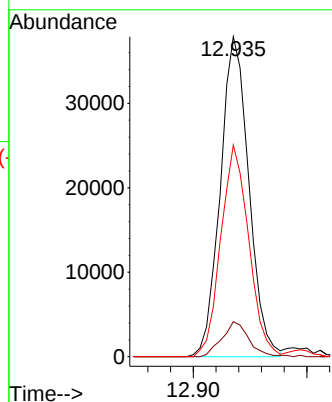
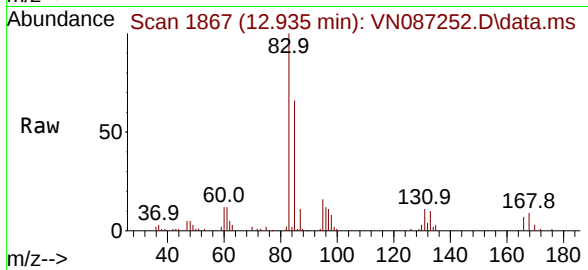




#75
1,1,2,2-Tetrachloroethane
Concen: 18.573 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

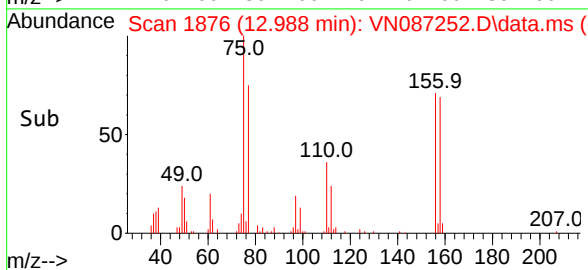
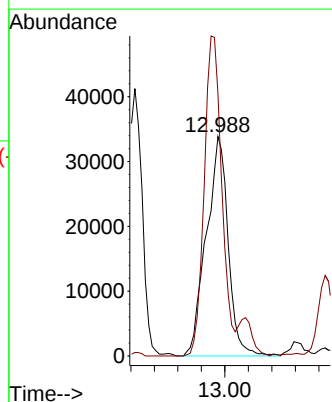
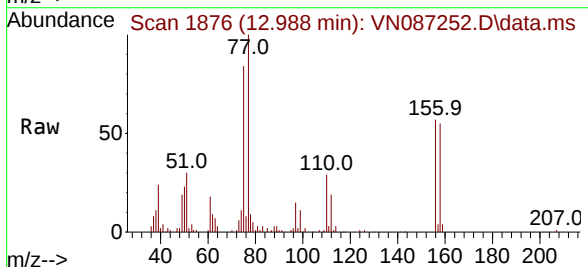
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

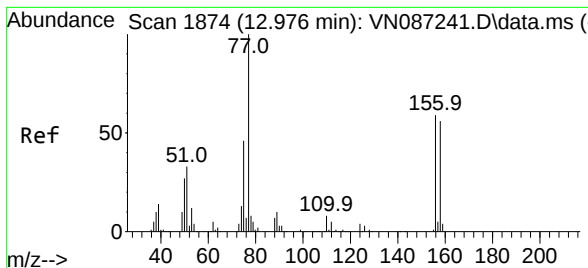
Tgt Ion: 83 Resp: 66126
Ion Ratio Lower Upper
83 100
131 10.4 5.3 15.9
85 64.7 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 27.387 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

Tgt Ion: 75 Resp: 87509
Ion Ratio Lower Upper
75 100
77 117.5 82.0 245.8





#77

Bromobenzene

Concen: 19.189 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VN087252.D

Acq: 01 Jul 2025 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBSD01

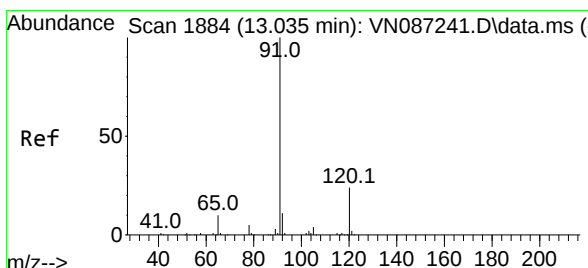
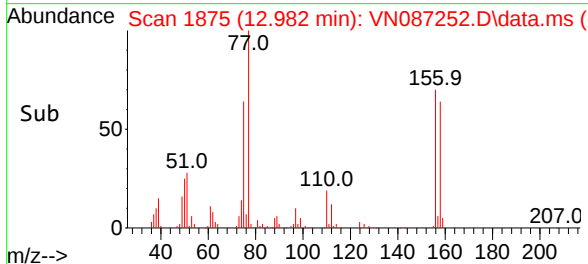
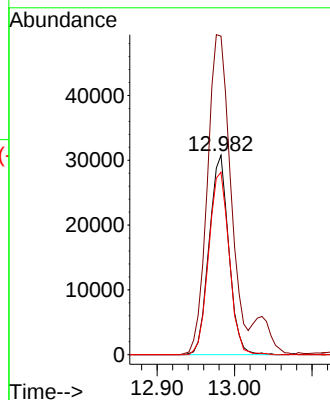
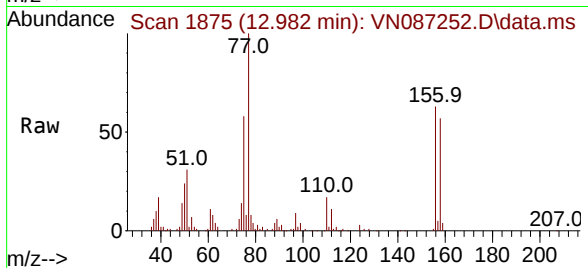
Tgt Ion:156 Resp: 54218

Ion Ratio Lower Upper

156 100

77 189.7 98.0 294.1

158 95.2 47.7 143.1



#78

n-propylbenzene

Concen: 17.811 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN087252.D

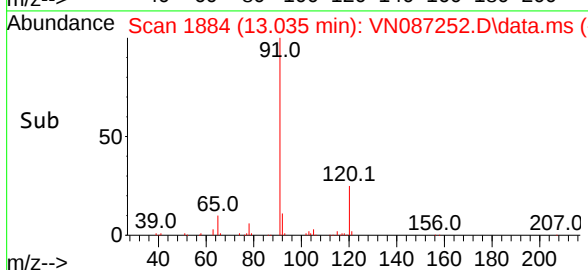
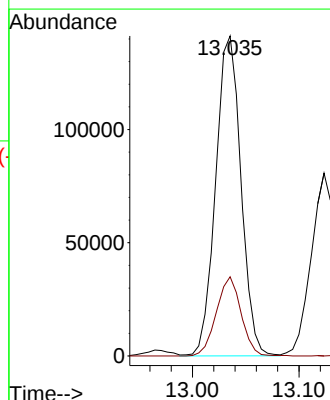
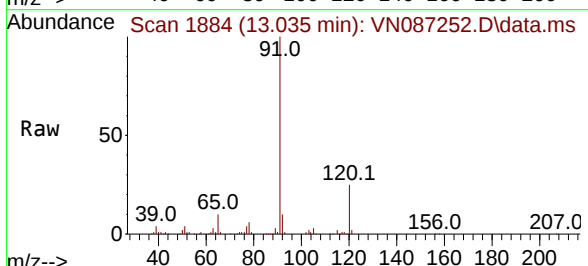
Acq: 01 Jul 2025 11:15

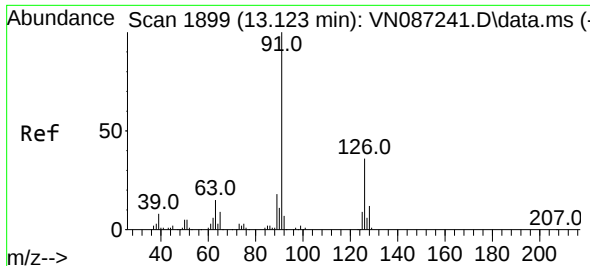
Tgt Ion: 91 Resp: 232869

Ion Ratio Lower Upper

91 100

120 24.1 12.0 36.0

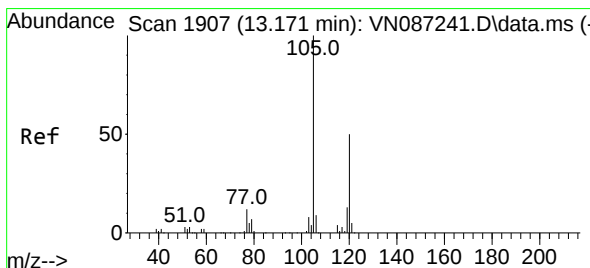
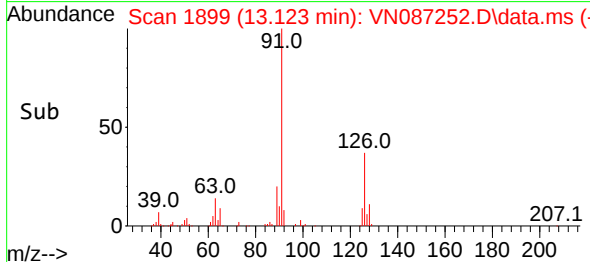
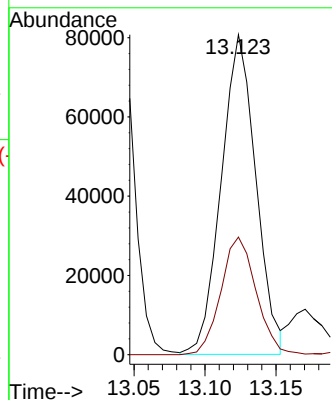
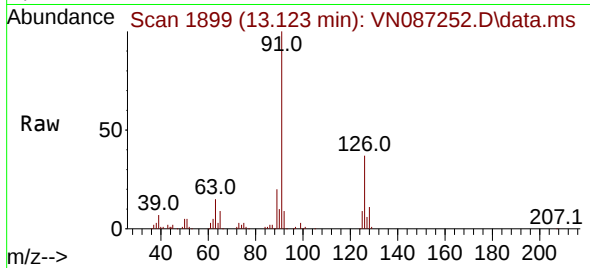




#79
2-Chlorotoluene
Concen: 17.604 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

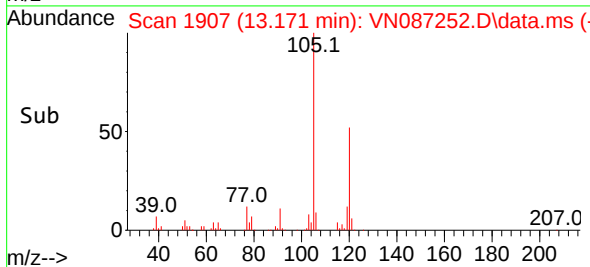
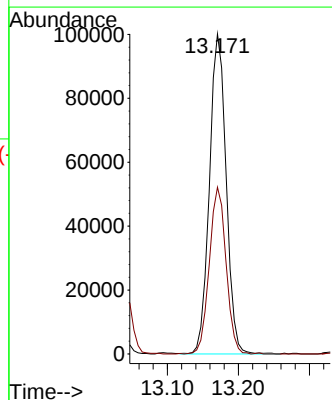
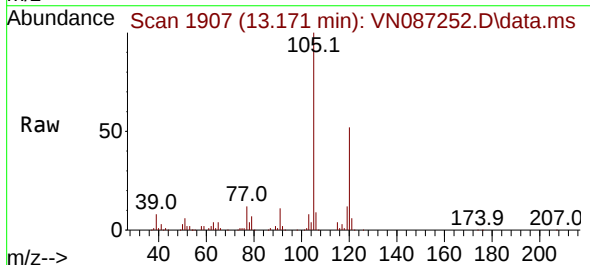
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

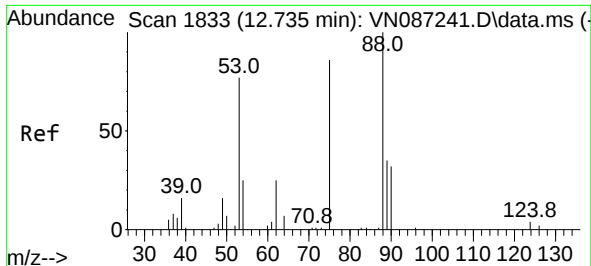
Tgt Ion: 91 Resp: 136982
Ion Ratio Lower Upper
91 100
126 37.6 17.8 53.3



#80
1,3,5-Trimethylbenzene
Concen: 18.105 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

Tgt Ion: 105 Resp: 163806
Ion Ratio Lower Upper
105 100
120 52.1 25.3 75.8

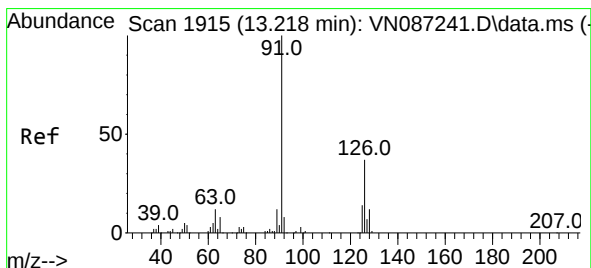
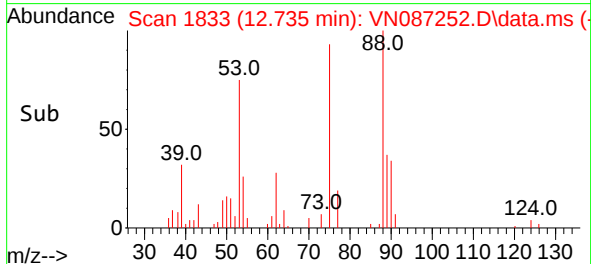
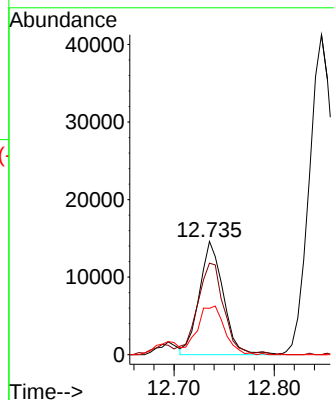
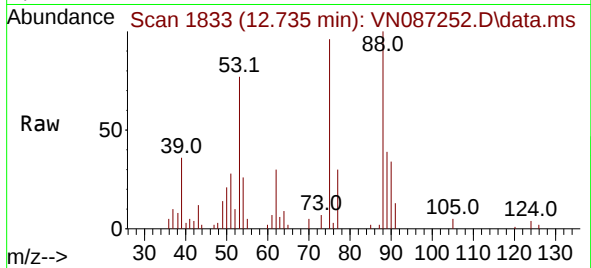




#81
trans-1,4-Dichloro-2-butene
Concen: 17.868 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

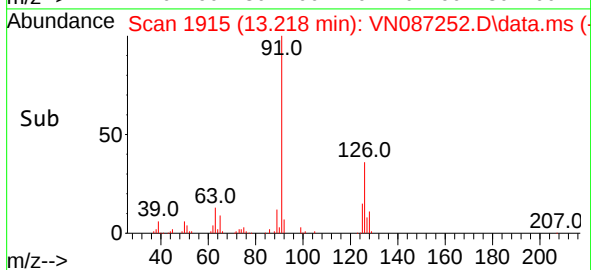
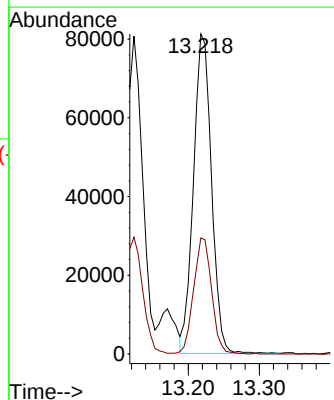
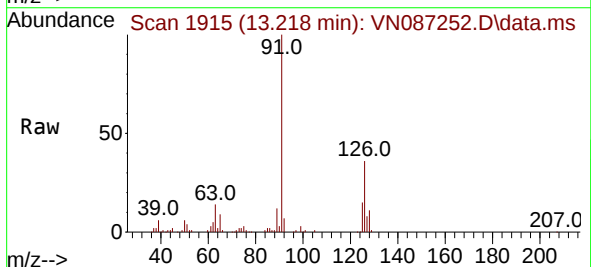
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

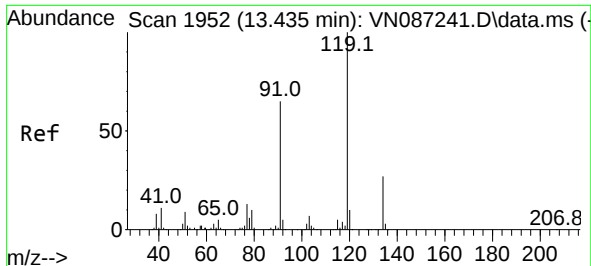
Tgt Ion: 75 Resp: 24306
Ion Ratio Lower Upper
75 100
53 90.0 70.6 105.8
89 49.2 36.1 54.1



#82
4-Chlorotoluene
Concen: 17.600 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

Tgt Ion: 91 Resp: 143361
Ion Ratio Lower Upper
91 100
126 36.2 18.2 54.6

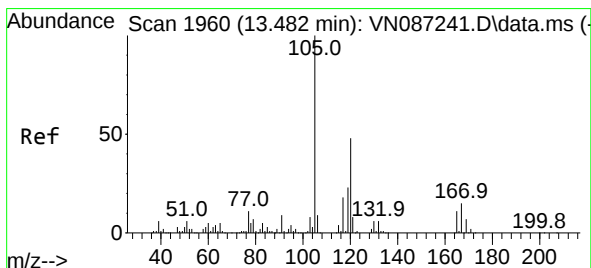
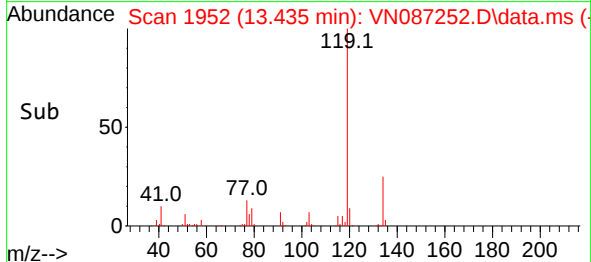
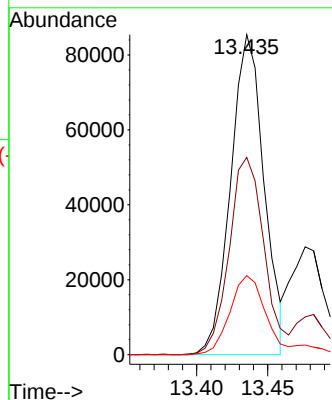
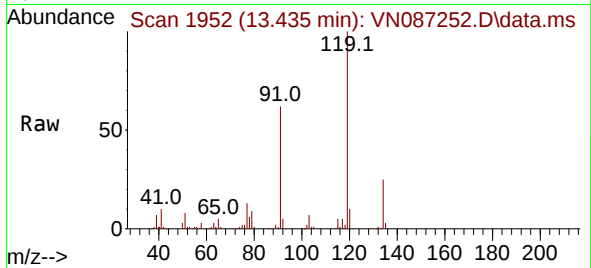




#83
 tert-Butylbenzene
 Concen: 17.633 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN087252.D
 Acq: 01 Jul 2025 11:15

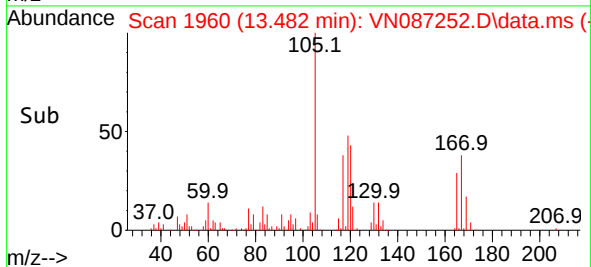
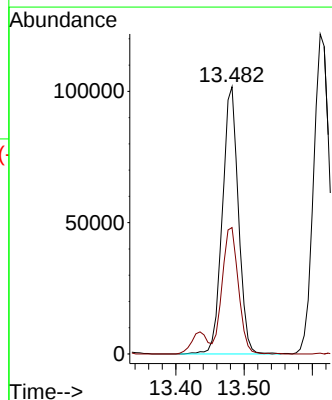
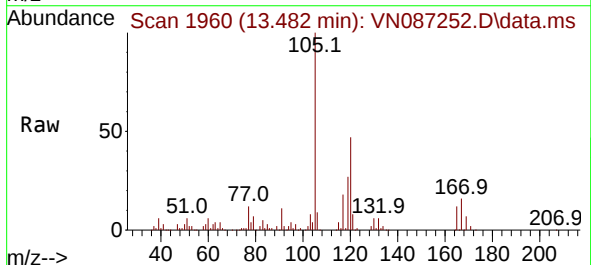
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBSD01

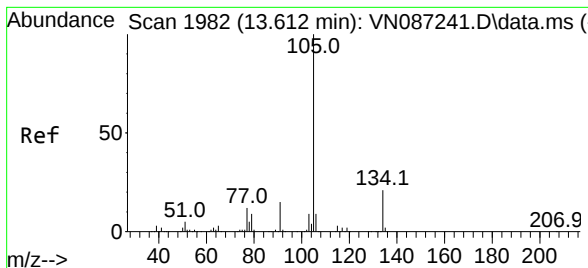
Tgt Ion:119 Resp: 139769
 Ion Ratio Lower Upper
 119 100
 91 64.7 32.5 97.4
 134 28.5 14.2 42.8



#84
 1,2,4-Trimethylbenzene
 Concen: 18.350 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN087252.D
 Acq: 01 Jul 2025 11:15

Tgt Ion:105 Resp: 166308
 Ion Ratio Lower Upper
 105 100
 120 47.9 23.3 69.9





#85

sec-Butylbenzene

Concen: 17.728 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VN087252.D

Acq: 01 Jul 2025 11:15

Instrument :

MSVOA_N

ClientSampleId :

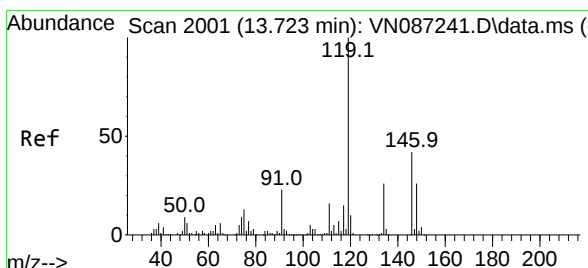
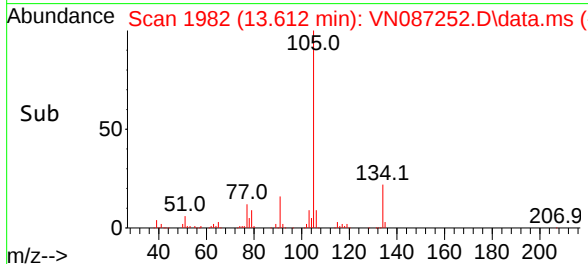
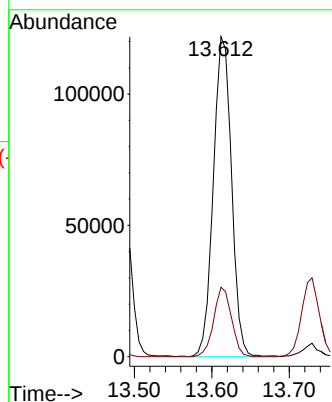
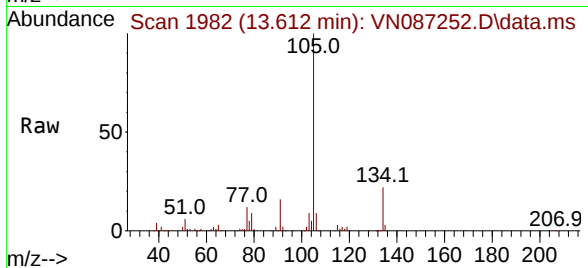
VN0701WBSD01

Tgt Ion:105 Resp: 199186

Ion Ratio Lower Upper

105 100

134 21.1 10.4 31.4



#86

p-Isopropyltoluene

Concen: 18.152 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN087252.D

Acq: 01 Jul 2025 11:15

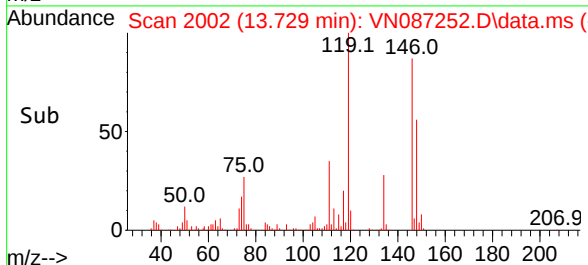
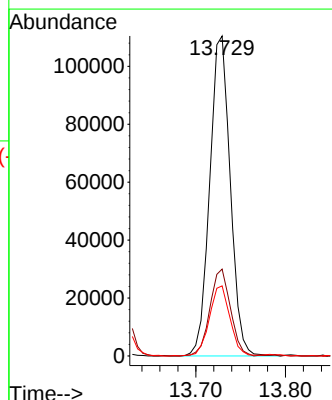
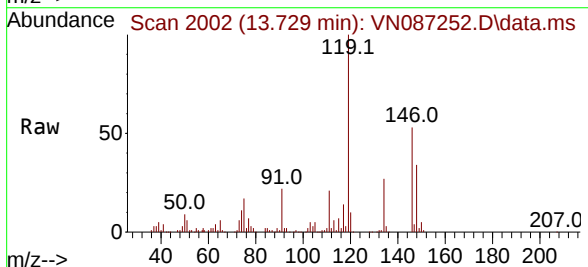
Tgt Ion:119 Resp: 175312

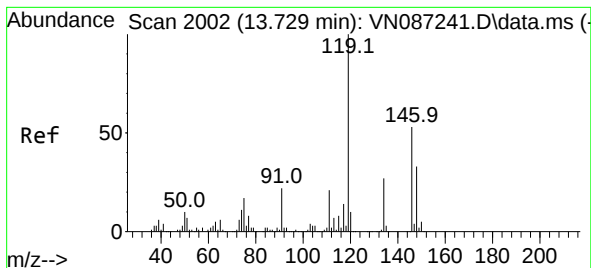
Ion Ratio Lower Upper

119 100

134 27.3 13.3 39.8

91 22.1 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 18.108 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN087252.D

Acq: 01 Jul 2025 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBSD01

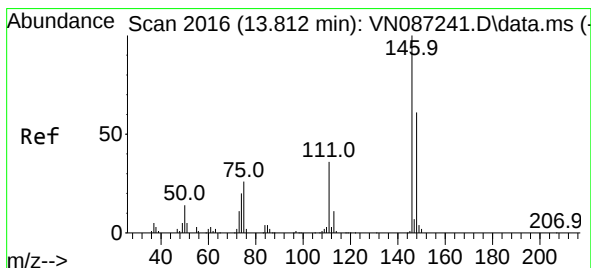
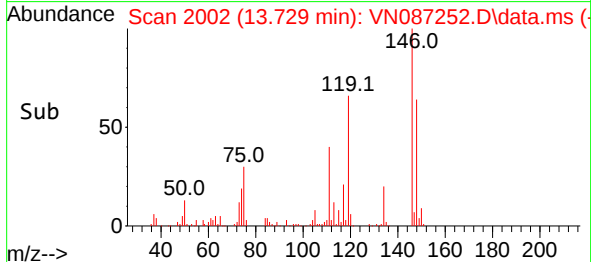
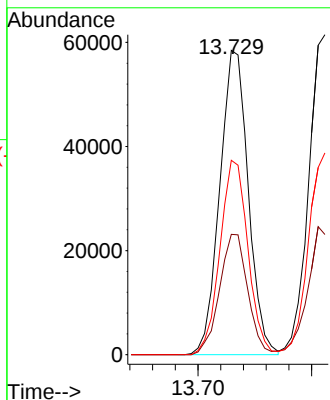
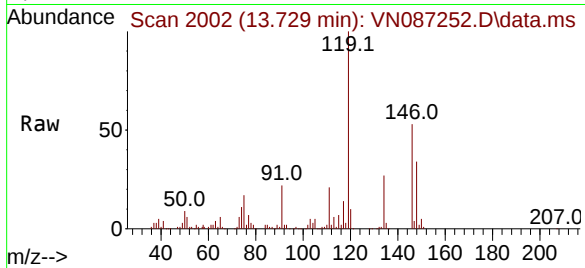
Tgt Ion:146 Resp: 101893

Ion Ratio Lower Upper

146 100

111 39.1 19.8 59.4

148 62.8 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 18.022 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN087252.D

Acq: 01 Jul 2025 11:15

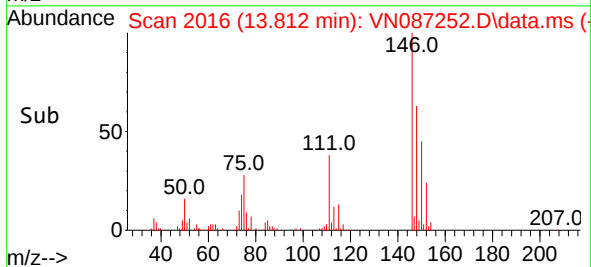
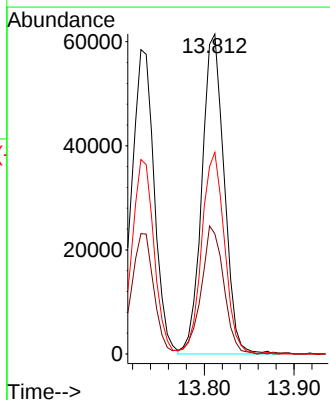
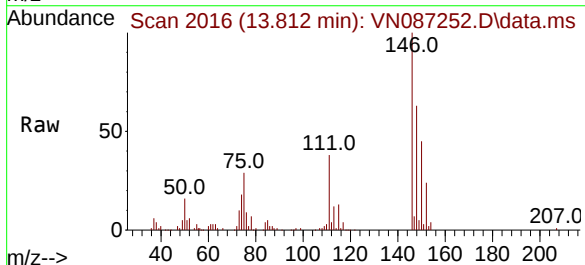
Tgt Ion:146 Resp: 105884

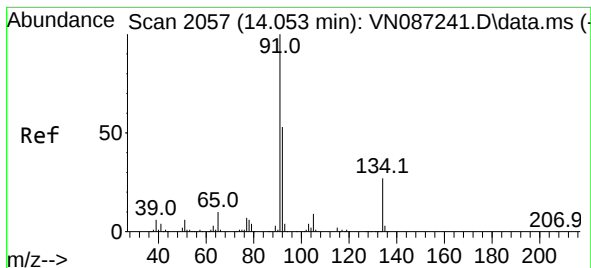
Ion Ratio Lower Upper

146 100

111 40.5 19.1 57.5

148 63.7 31.8 95.3





#89

n-Butylbenzene

Concen: 17.631 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN087252.D

Acq: 01 Jul 2025 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBSD01

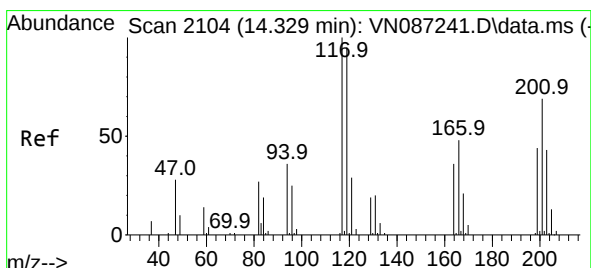
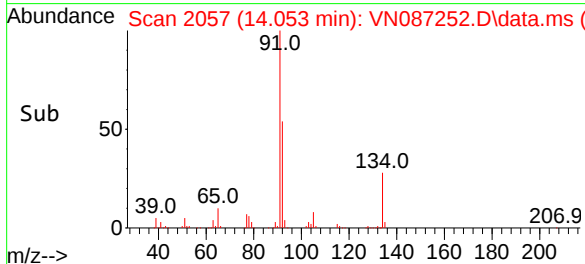
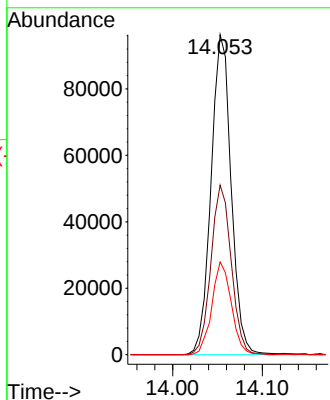
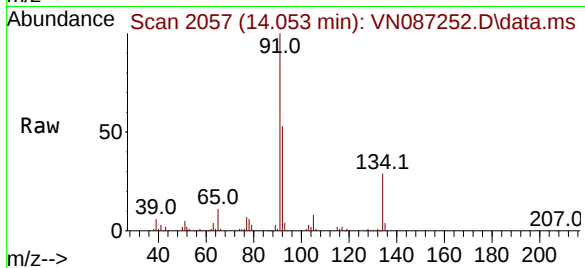
Tgt Ion: 91 Resp: 149918

Ion Ratio Lower Upper

91 100

92 53.5 26.7 80.0

134 28.1 13.7 41.1



#90

Hexachloroethane

Concen: 17.920 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN087252.D

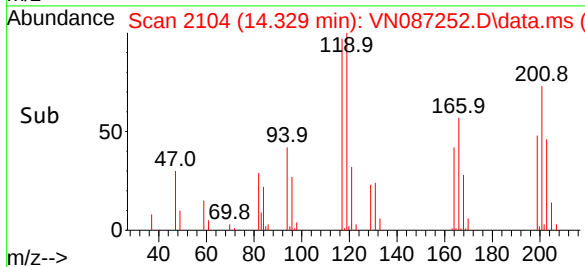
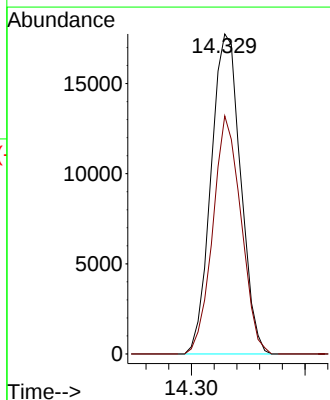
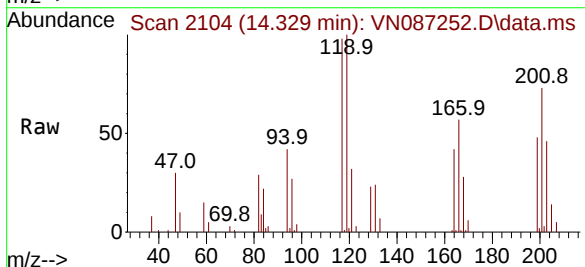
Acq: 01 Jul 2025 11:15

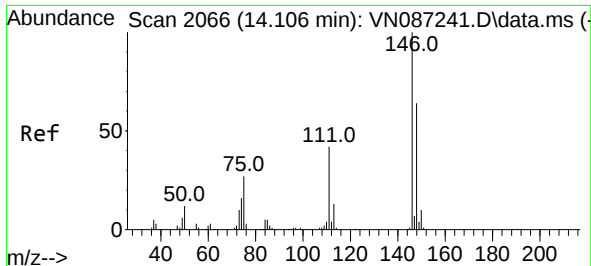
Tgt Ion: 117 Resp: 32035

Ion Ratio Lower Upper

117 100

201 71.2 35.8 107.4

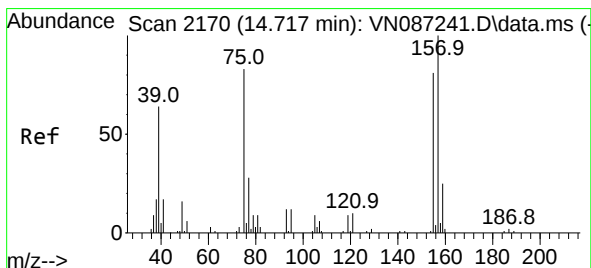
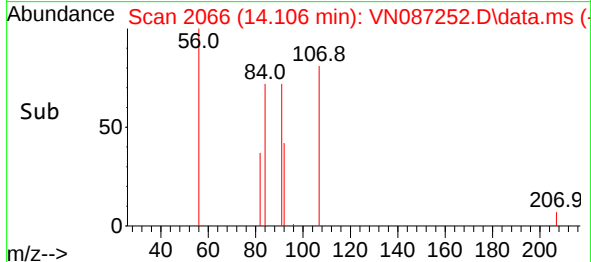
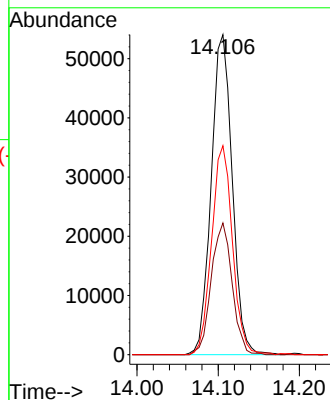
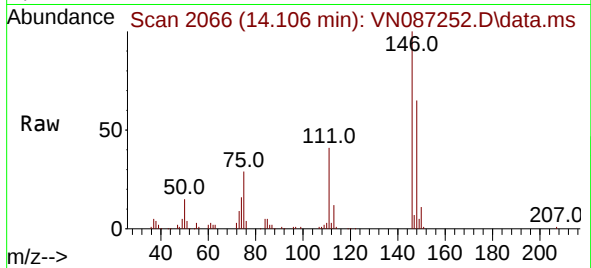




#91
1,2-Dichlorobenzene
Concen: 18.482 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

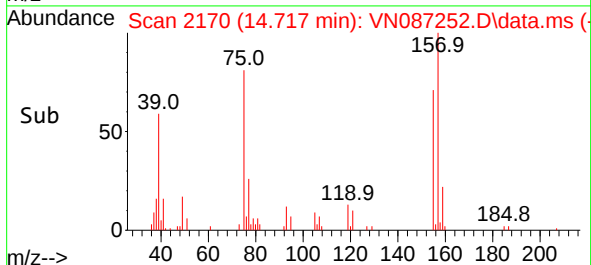
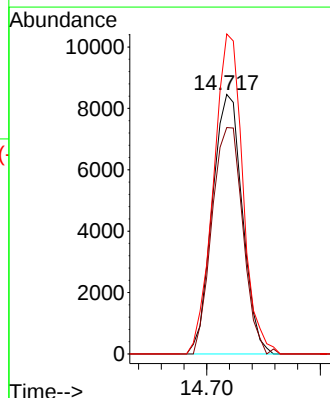
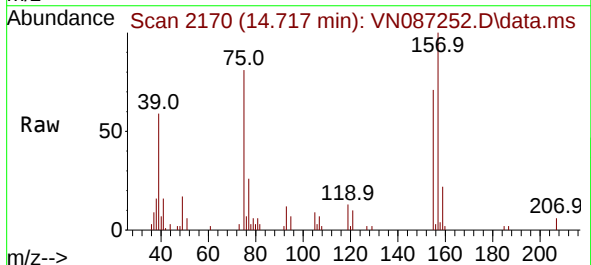
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

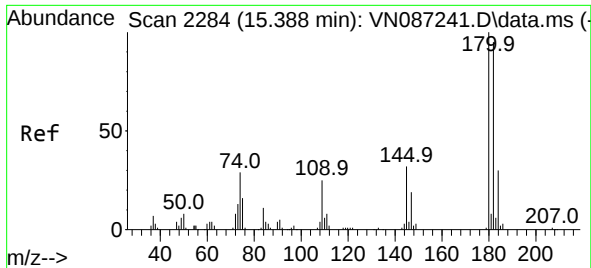
Tgt Ion:146 Resp: 97259
Ion Ratio Lower Upper
146 100
111 40.9 20.5 61.6
148 64.9 31.4 94.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.195 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

Tgt Ion: 75 Resp: 15568
Ion Ratio Lower Upper
75 100
155 89.5 46.8 140.3
157 119.7 58.1 174.4

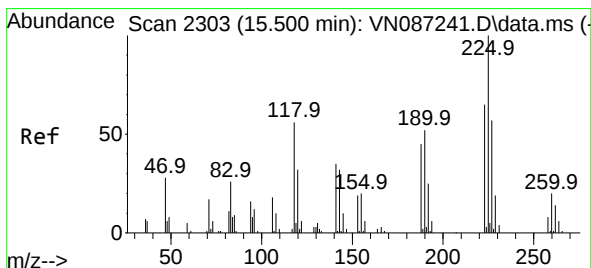
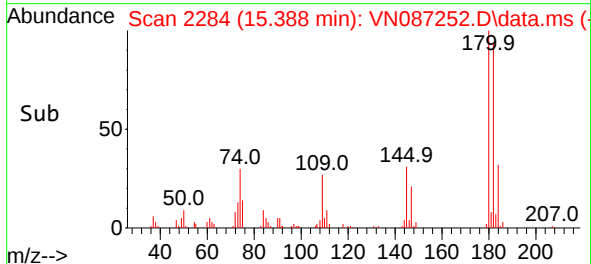
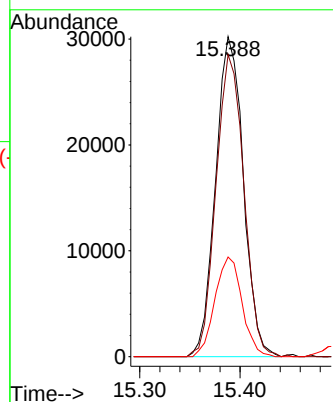
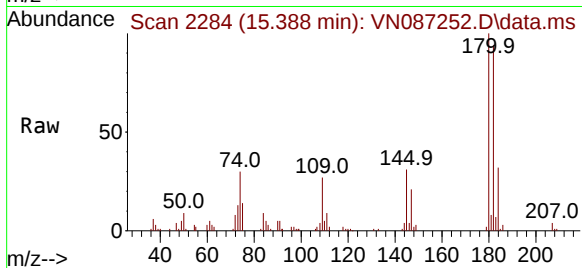




#93
1,2,4-Trichlorobenzene
Concen: 18.644 ug/l
RT: 15.388 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

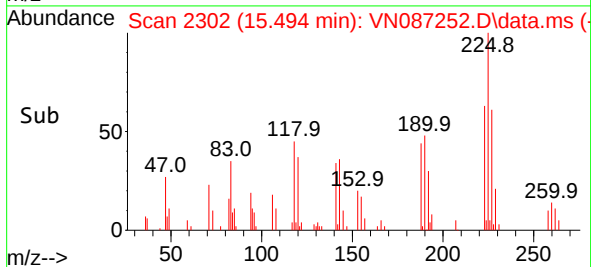
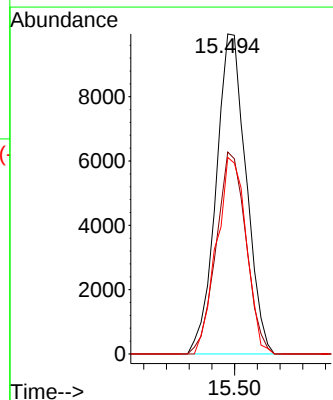
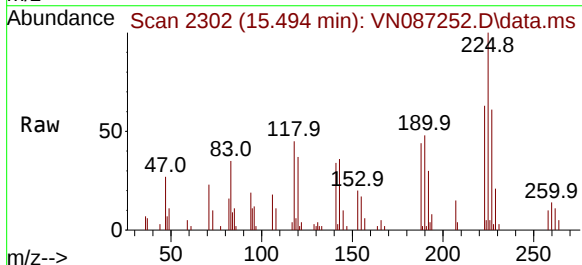
Instrument :
MSVOA_N
ClientSampleId :
VN0701WBSD01

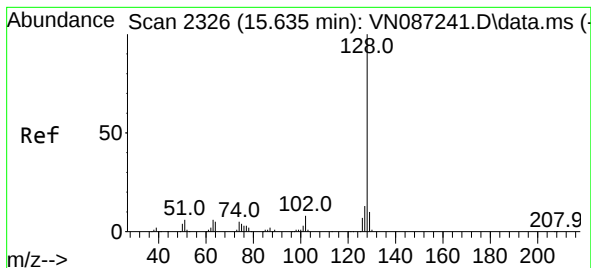
Tgt Ion:180 Resp: 58021
Ion Ratio Lower Upper
180 100
182 94.6 48.0 144.0
145 30.4 15.4 46.2



#94
Hexachlorobutadiene
Concen: 18.484 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN087252.D
Acq: 01 Jul 2025 11:15

Tgt Ion:225 Resp: 18272
Ion Ratio Lower Upper
225 100
223 62.6 33.5 100.4
227 60.9 30.9 92.7





#95

Naphthalene

Concen: 18.312 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN087252.D

Acq: 01 Jul 2025 11:15

Instrument :

MSVOA_N

ClientSampleId :

VN0701WBSD01

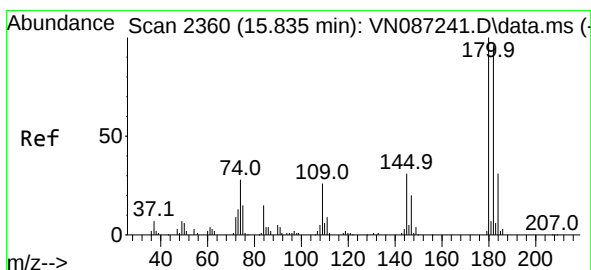
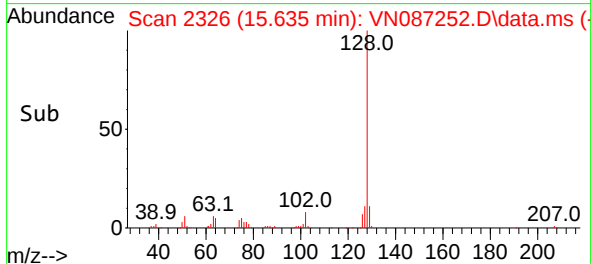
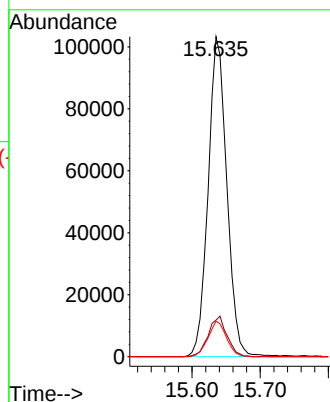
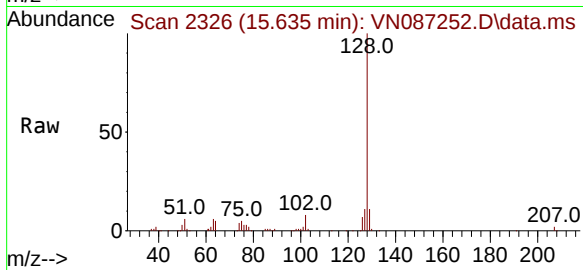
Tgt Ion:128 Resp: 197158

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 18.032 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN087252.D

Acq: 01 Jul 2025 11:15

Tgt Ion:180 Resp: 54671

Ion Ratio Lower Upper

180 100

182 98.6 47.7 143.1

145 32.9 15.7 47.1

