

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071025\
 Data File : VN087326.D
 Acq On : 10 Jul 2025 15:56
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 11 01:12:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:49:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	43226	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	214570	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	205060	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	90344	27.739	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	92.467%
60) 4-Bromofluorobenzene	12.847	95	98492	31.126	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	103.767%
63) Toluene-d8	10.565	98	271377	29.475	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.233%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.153	85	37384	14.367	ug/l	94
3) Chloromethane	2.400	50	34432	12.956	ug/l	98
4) Vinyl Chloride	2.553	62	42451	14.697	ug/l	99
5) Bromomethane	3.000	94	19711	12.858	ug/l	95
6) Chloroethane	3.153	64	39066	25.213	ug/l	89
7) Trichlorofluoromethane	3.524	101	67671	19.100	ug/l	100
8) Diethyl Ether	3.983	74	26009	14.942	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.394	101	23353	8.890	ug/l #	14
10) 1,1-Dichloroethene	4.365	96	40941	15.636	ug/l	93
11) Methyl Iodide	4.612	142	23732	10.117	ug/l	86
12) Methyl Acetate	5.047	43	60182	14.653	ug/l #	79
13) Acrolein	4.200	56	13762	21.806	ug/l	93
14) Acrylonitrile	5.736	53	138966	72.537	ug/l	98
15) Acetone	4.447	58	43408	77.676	ug/l	97
16) Carbon Disulfide	4.736	76	110043	14.374	ug/l #	94
17) Allyl chloride	5.053	41	53150	12.307	ug/l	89
18) Methylene Chloride	5.300	84	51132	16.856	ug/l	91
19) trans-1,2-Dichloroethene	5.812	96	47482	16.582	ug/l #	80
20) Diisopropyl ether	6.683	45	126216	13.775	ug/l #	91
21) 1,1-Dichloroethane	6.588	63	83652	15.275	ug/l	100
22) cis-1,2-Dichloroethene	7.500	96	57523	17.260	ug/l	92
23) tert-Butyl Alcohol	5.536	59	62239	86.385	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	153760	16.743	ug/l #	84
25) Chloroform	7.971	83	96760	18.442	ug/l	94
26) Cyclohexane	8.259	56	52364	11.503	ug/l	85
29) 1,1-Dichloropropene	8.377	75	58477	17.485	ug/l	96
30) 2-Butanone	7.494	43	187466	83.098	ug/l	93
31) 2,2-Dichloropropane	7.500	77	81476	20.182	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	82924	21.224	ug/l	96
33) Carbon Tetrachloride	8.371	117	70438	21.423	ug/l	95
34) Benzene	8.612	78	193020	18.218	ug/l	97
35) Methacrylonitrile	7.782	41	35131	15.452	ug/l	85
36) 1,2-Dichloroethane	8.682	62	71256	20.815	ug/l	99
37) Trichloroethene	9.353	130	49453	20.236	ug/l	93
38) Methylcyclohexane	9.606	83	59134	15.410	ug/l	95
39) 1,2-Dichloropropane	9.624	63	46930	17.648	ug/l	97
40) Dibromomethane	9.712	93	38935	21.532	ug/l	99
41) Bromodichloromethane	9.894	83	74853	20.508	ug/l	99
42) Vinyl Acetate	6.618	43	573793	78.199	ug/l #	93

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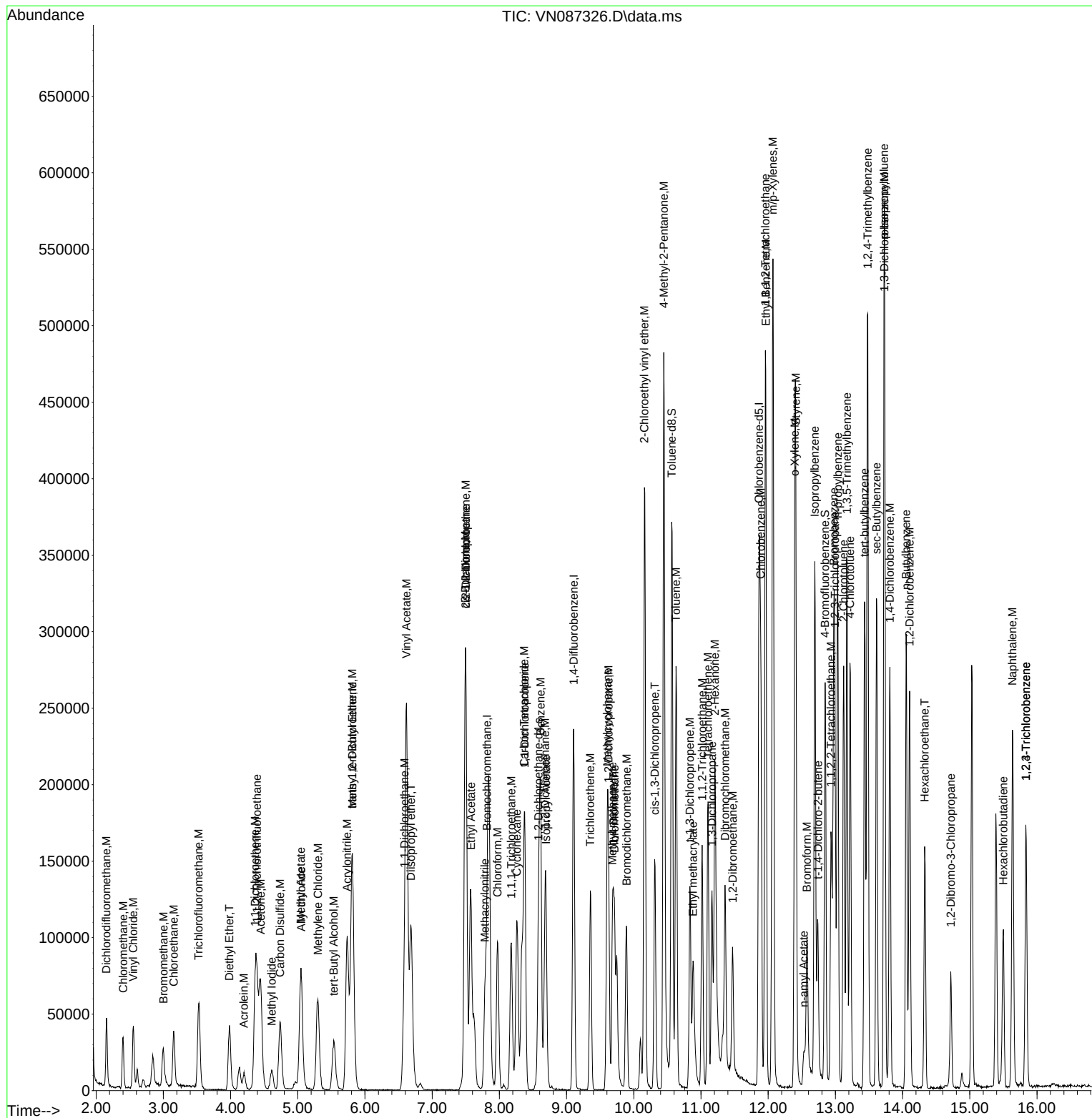
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.577	43	69556	17.079	ug/l	99
44) Isopropyl Acetate	8.694	43	112258	16.918	ug/l	95
45) 1,4-Dioxane	9.700	88	20087	447.522	ug/l #	82
46) Methyl methacrylate	9.682	41	39453	12.790	ug/l	75
47) n-amyl Acetate	12.529	43	10673	2.631	ug/l #	100
48) t-1,3-Dichloropropene	10.835	75	77647	19.083	ug/l	100
49) cis-1,3-Dichloropropene	10.312	75	80346	18.575	ug/l	93
50) 1,1,2-Trichloroethane	11.018	97	52041	20.260	ug/l	97
51) Ethyl methacrylate	10.882	69	66472	17.002	ug/l	93
52) 1,3-Dichloropropane	11.165	76	82635	18.739	ug/l	96
53) Dibromochloromethane	11.359	129	62208	23.071	ug/l	96
54) 1,2-Dibromoethane	11.470	107	56283	21.238	ug/l	95
55) 2-Chloroethyl vinyl ether	10.159	63	181403	80.949	ug/l	95
56) Bromoform	12.576	173	41995	22.656	ug/l #	99
58) 4-Methyl-2-Pentanone	10.447	43	330312	80.125	ug/l #	96
59) 2-Hexanone	11.206	43	195119	73.298	ug/l	99
61) Tetrachloroethene	11.106	164	42579	20.967	ug/l	95
62) Toluene	10.629	91	216415	18.686	ug/l	100
64) Chlorobenzene	11.888	112	147952	20.027	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	52738	21.605	ug/l	98
66) Ethyl Benzene	11.965	91	230247	18.163	ug/l	98
67) m/p-Xylenes	12.070	106	187297	38.557	ug/l	95
68) o-Xylene	12.394	106	87745	18.933	ug/l	95
69) Styrene	12.412	104	155779	19.579	ug/l	98
70) Isopropylbenzene	12.694	105	220451	19.100	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.935	83	85492	20.578	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	106655	29.770	ug/l	52
73) Bromobenzene	12.976	156	62244	22.231	ug/l	83
74) n-propylbenzene	13.035	91	267303	18.957	ug/l	95
75) 2-Chlorotoluene	13.123	91	165493	19.426	ug/l	93
76) 1,3,5-Trimethylbenzene	13.170	105	190689	20.294	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	25880	16.285	ug/l	91
78) 4-Chlorotoluene	13.217	91	172819	19.807	ug/l	92
79) tert-butylbenzene	13.435	119	157744	19.972	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	196410	20.816	ug/l	100
81) sec-Butylbenzene	13.611	105	226606	19.736	ug/l	97
82) p-Isopropyltoluene	13.723	119	194920	20.400	ug/l	98
83) 1,3-Dichlorobenzene	13.729	146	119682	22.198	ug/l	98
84) 1,4-Dichlorobenzene	13.811	146	119244	21.976	ug/l	97
85) n-Butylbenzene	14.053	91	165102	18.938	ug/l	98
86) Hexachloroethane	14.329	117	34389	19.013	ug/l	97
87) 1,2-Dichlorobenzene	14.106	146	115141	22.649	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	20472	21.884	ug/l	91
89) 1,2,4-Trichlorobenzene	15.835	180	61366	21.336	ug/l	99
90) Hexachlorobutadiene	15.500	225	16188	18.967	ug/l	96
91) Naphthalene	15.635	128	232106	20.505	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	61366	21.336	ug/l	99

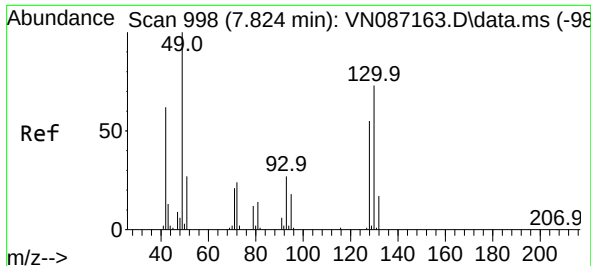
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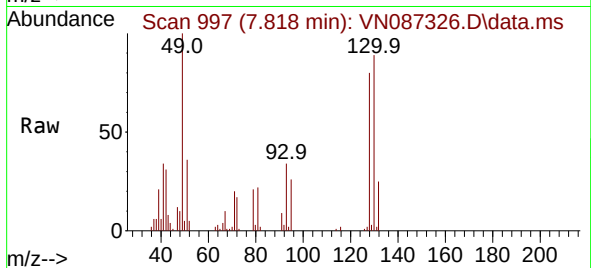
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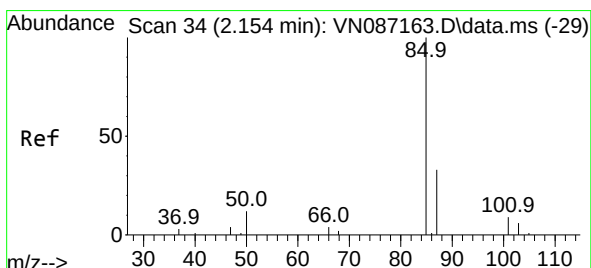
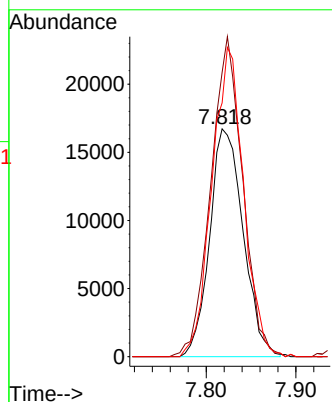
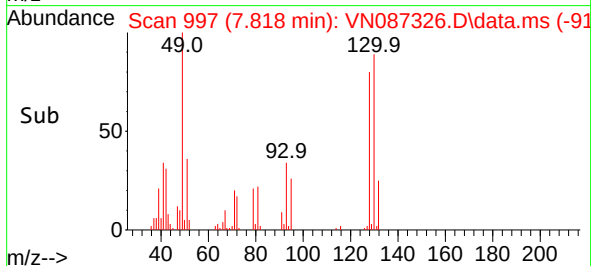


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087326.D
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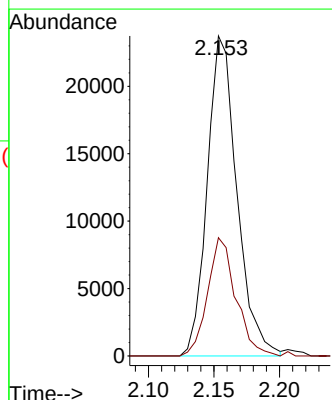
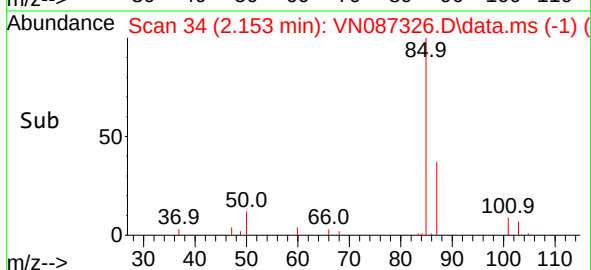
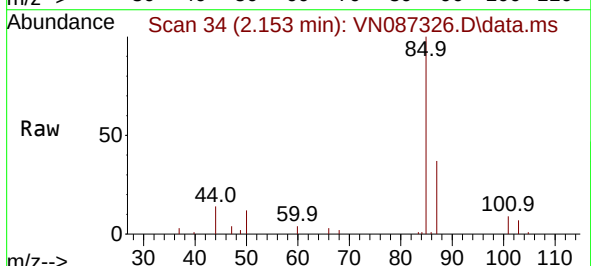


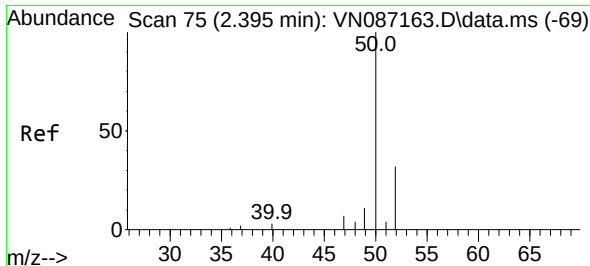
Tgt Ion:128 Resp: 43226
Ion Ratio Lower Upper
128 100
49 133.9 0.0 450.5
130 128.7 0.0 320.7



#2
Dichlorodifluoromethane
Concen: 14.367 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

Tgt Ion: 85 Resp: 37384
Ion Ratio Lower Upper
85 100
87 36.9 16.7 50.0



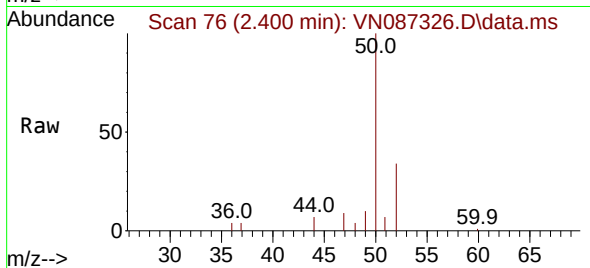


#3
Chloromethane
Concen: 12.956 ug/l
RT: 2.400 min Scan# 75
Delta R.T. 0.006 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

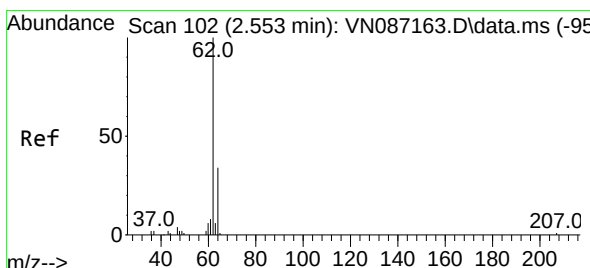
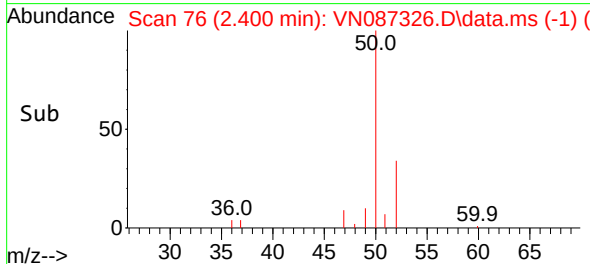
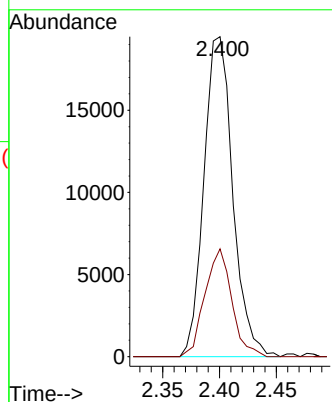
Instrument :

MSVOA_N

ClientSampleId :

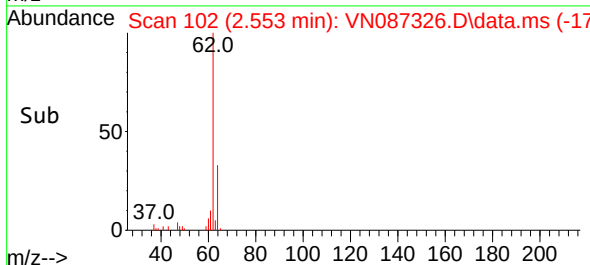
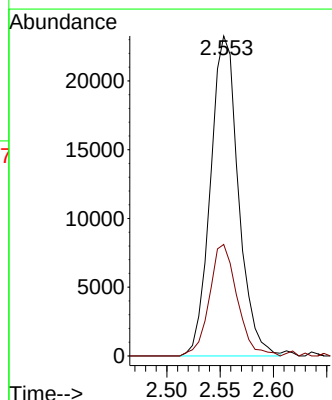
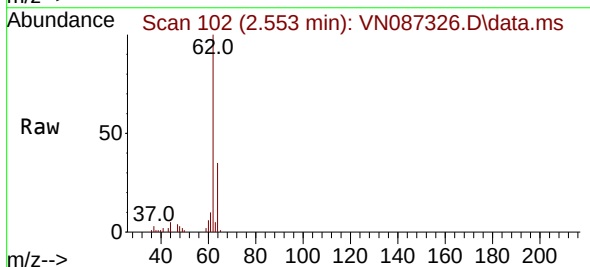


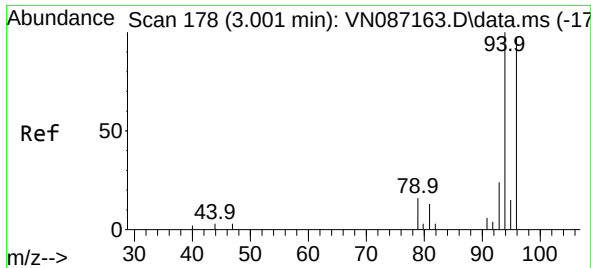
Tgt Ion: 50 Resp: 34432
Ion Ratio Lower Upper
50 100
52 33.7 25.9 38.9



#4
Vinyl Chloride
Concen: 14.697 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

Tgt Ion: 62 Resp: 42451
Ion Ratio Lower Upper
62 100
64 34.8 27.4 41.2

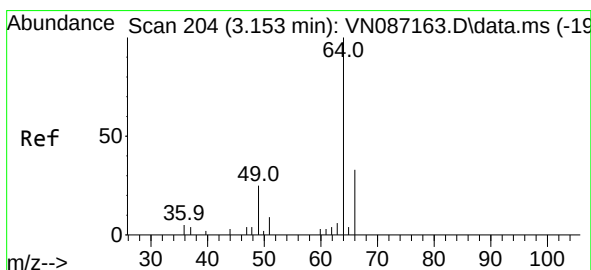
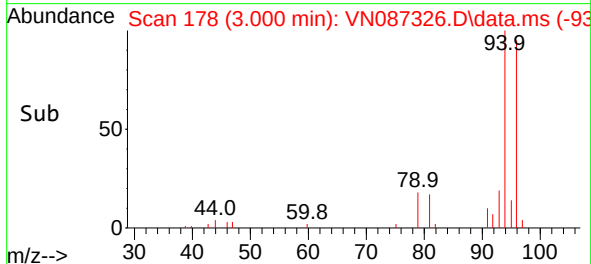
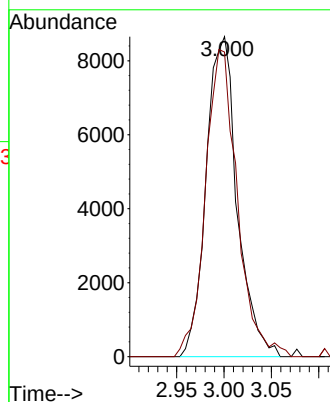
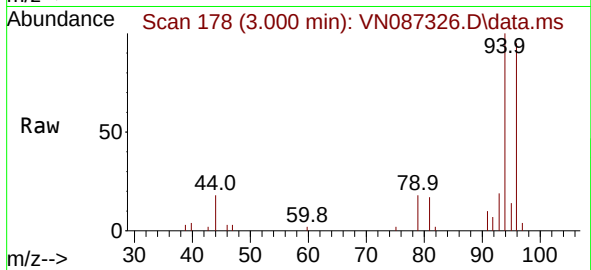




#5
Bromomethane
Concen: 12.858 ug/l
RT: 3.000 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087326.D
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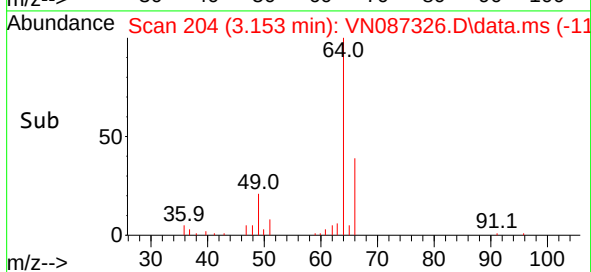
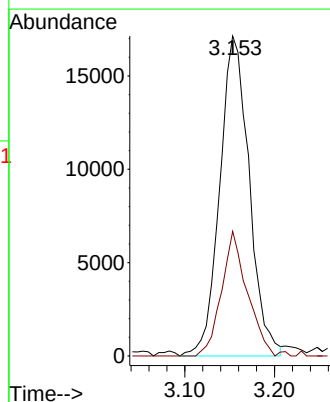
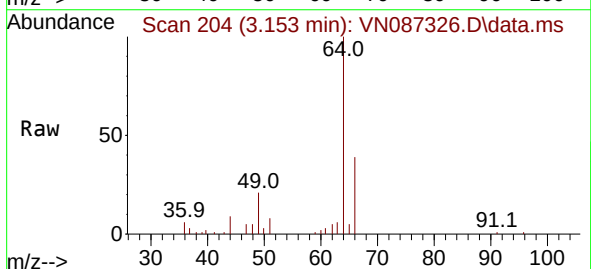
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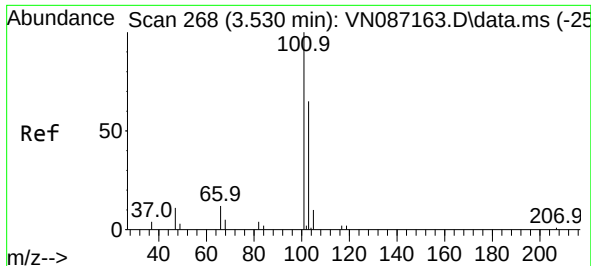
Tgt Ion: 94 Resp: 19711
Ion Ratio Lower Upper
94 100
96 92.8 77.9 116.9



#6
Chloroethane
Concen: 25.213 ug/l
RT: 3.153 min Scan# 204
Delta R.T. -0.000 min
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Tgt Ion: 64 Resp: 39066
Ion Ratio Lower Upper
64 100
66 38.9 26.4 39.6

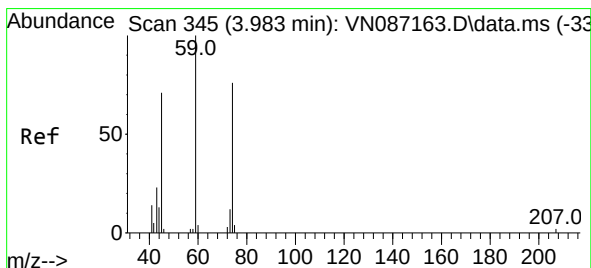
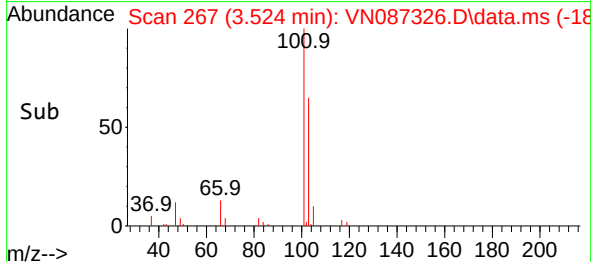
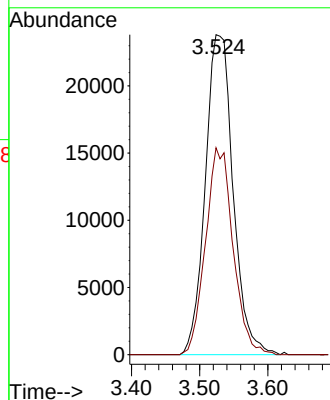
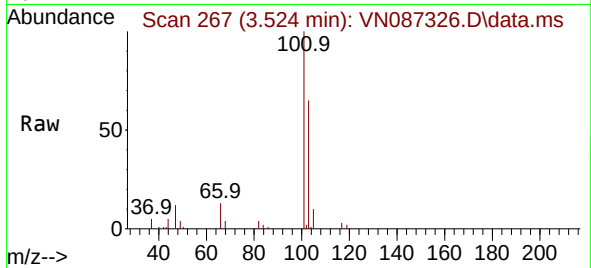




#7
Trichlorofluoromethane
Concen: 19.100 ug/l
RT: 3.524 min Scan# 20
Delta R.T. -0.006 min
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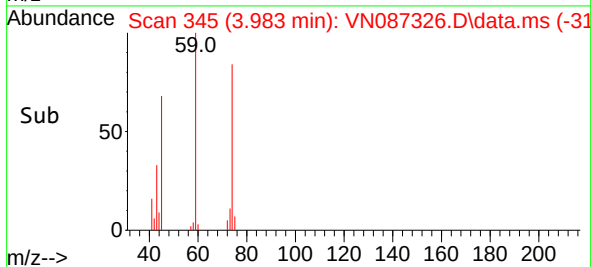
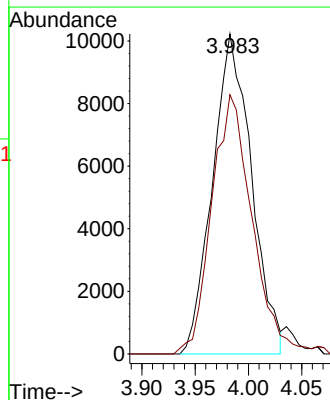
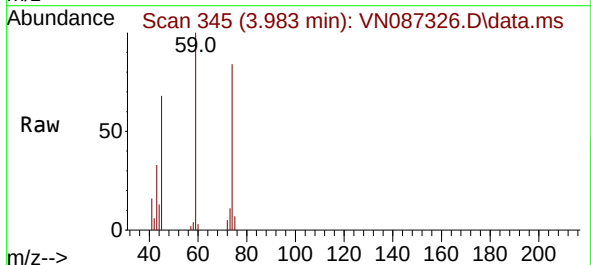
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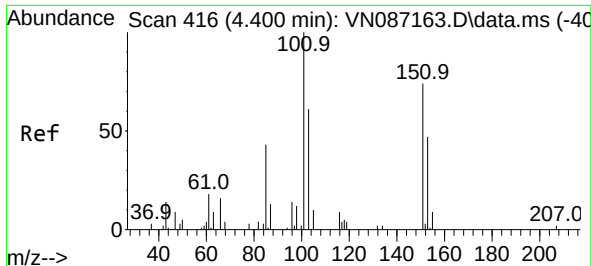
Tgt Ion:101 Resp: 67671
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.8



#8
Diethyl Ether
Concen: 14.942 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
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Acq: 10 Jul 2025 15:56

Tgt Ion: 74 Resp: 26009
Ion Ratio Lower Upper
74 100
45 83.9 19.0 171.0

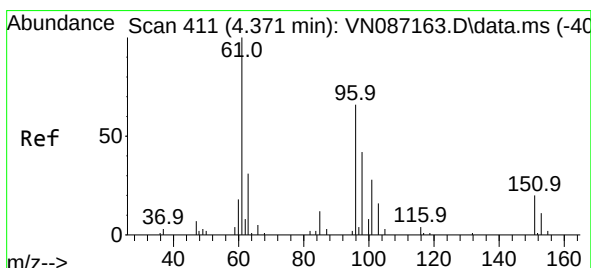
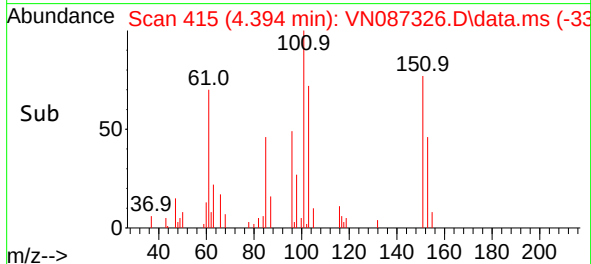
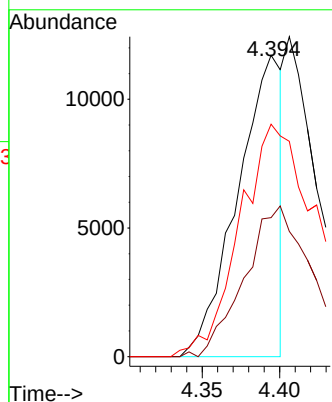
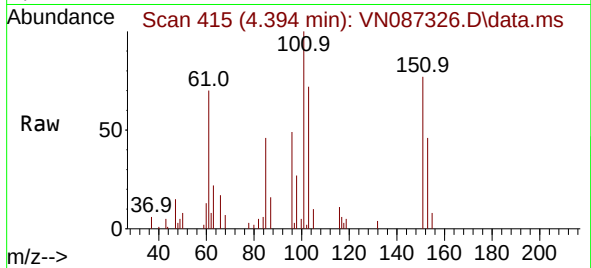




#9
1,1,2-Trichlorotrifluoroethane
Concen: 8.890 ug/l
RT: 4.394 min Scan# 416
Delta R.T. -0.006 min
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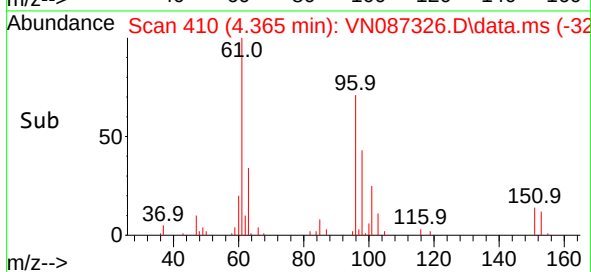
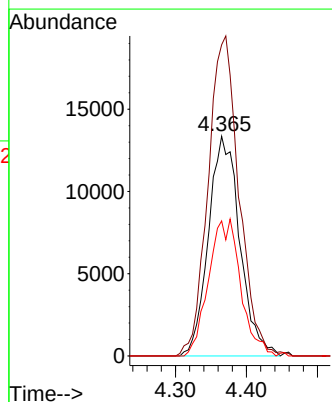
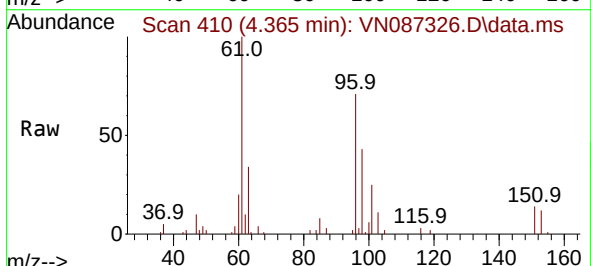
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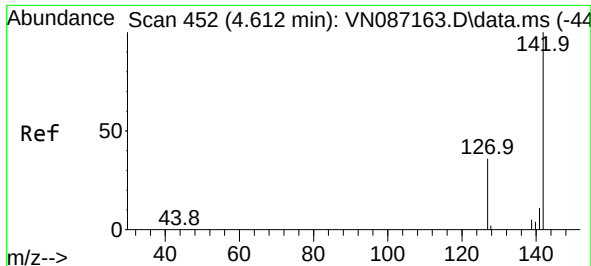
Tgt Ion:101 Resp: 23353
Ion Ratio Lower Upper
101 100
85 76.3 0.0 40.6#
151 133.3 0.0 141.2



#10
1,1-Dichloroethene
Concen: 15.636 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

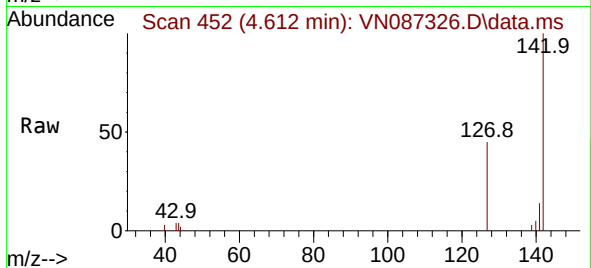
Tgt Ion: 96 Resp: 40941
Ion Ratio Lower Upper
96 100
61 140.5 122.0 183.0
98 61.5 50.3 75.5



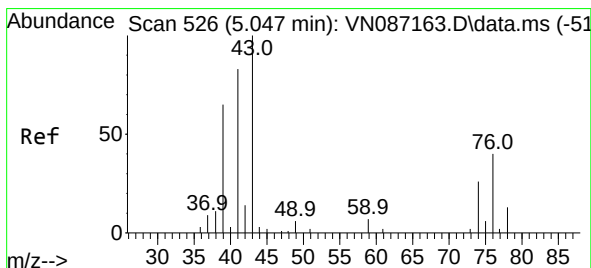
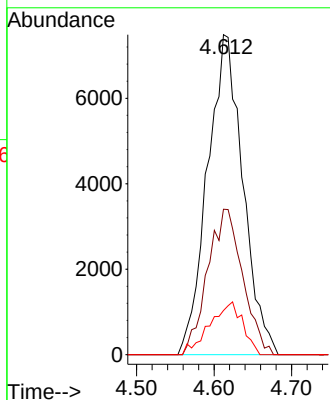
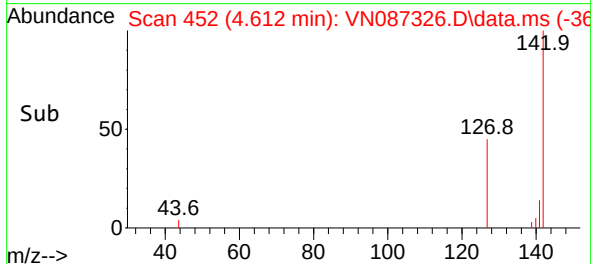


#11
Methyl Iodide
Concen: 10.117 ug/l
RT: 4.612 min Scan# 452
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

Instrument :
MSVOA_N
ClientSampleId :

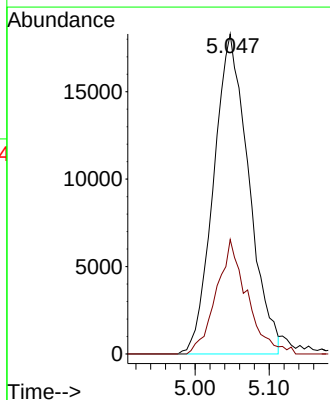
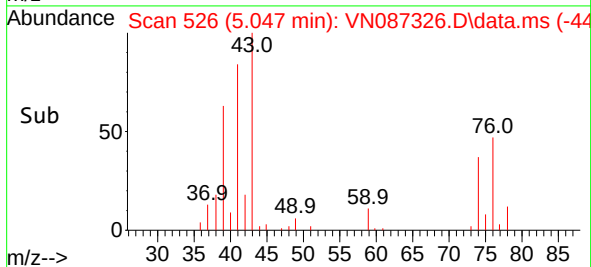
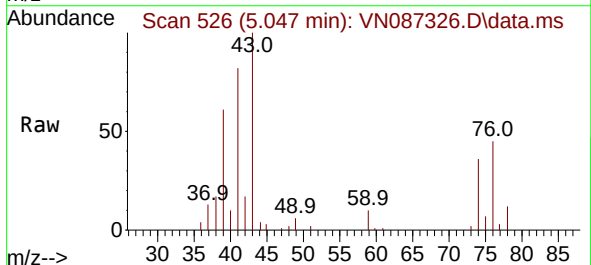


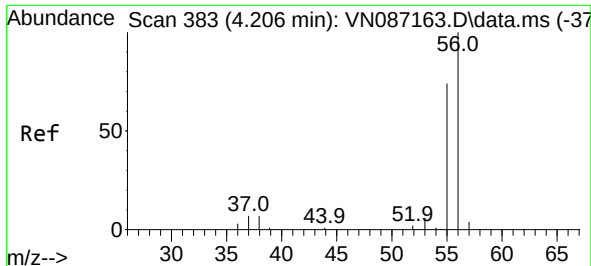
Tgt Ion:142 Resp: 23732
Ion Ratio Lower Upper
142 100
127 45.4 18.1 54.1
141 13.8 5.7 17.1



#12
Methyl Acetate
Concen: 14.653 ug/l
RT: 5.047 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

Tgt Ion: 43 Resp: 60182
Ion Ratio Lower Upper
43 100
74 36.0 20.3 30.5#

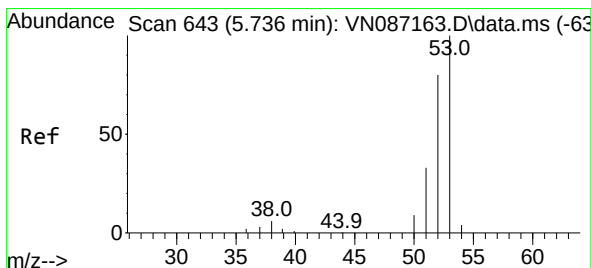
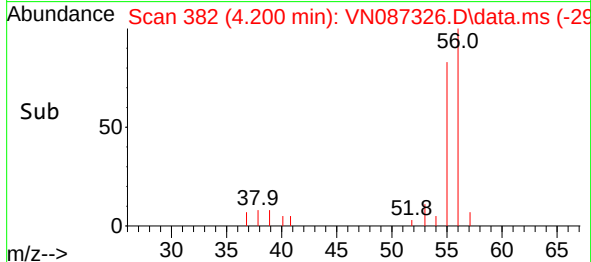
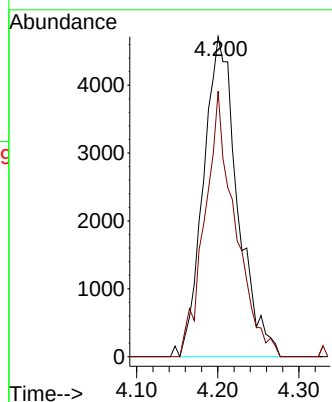
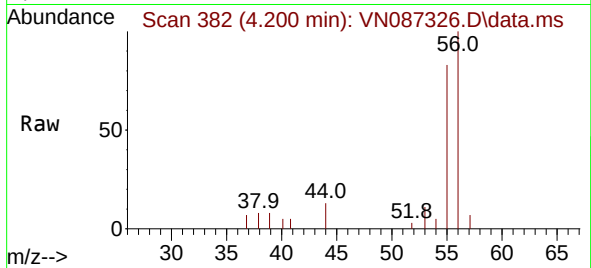




#13
Acrolein
Concen: 21.806 ug/l
RT: 4.200 min Scan# 383
Delta R.T. -0.006 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

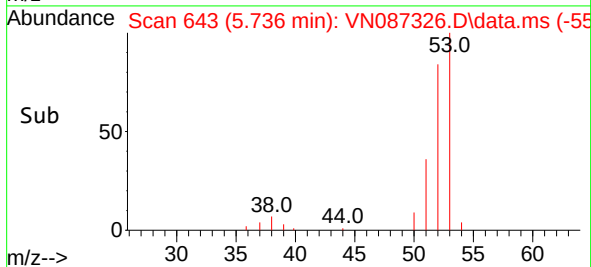
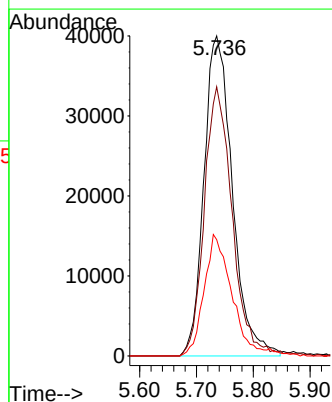
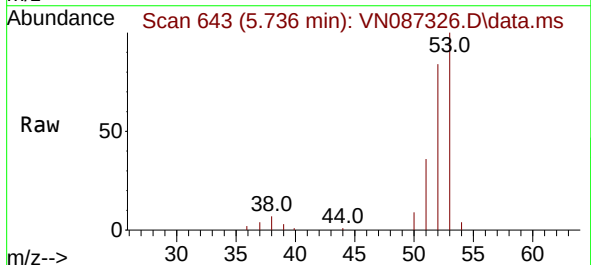
Instrument :
MSVOA_N
ClientSampleId :

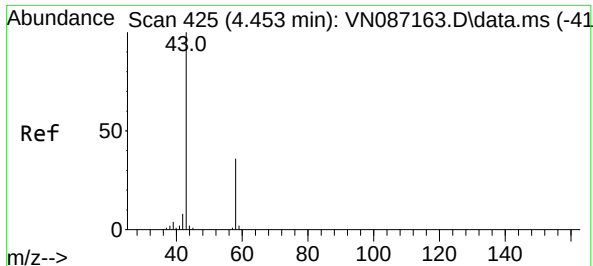
Tgt Ion: 56 Resp: 13762
Ion Ratio Lower Upper
56 100
55 64.2 55.7 83.5



#14
Acrylonitrile
Concen: 72.537 ug/l
RT: 5.736 min Scan# 643
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

Tgt Ion: 53 Resp: 138966
Ion Ratio Lower Upper
53 100
52 81.2 40.5 121.5
51 36.6 16.9 50.7





#15

Acetone

Concen: 77.676 ug/l

RT: 4.447 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN087326.D

Acq: 10 Jul 2025 15:56

Instrument :

MSVOA_N

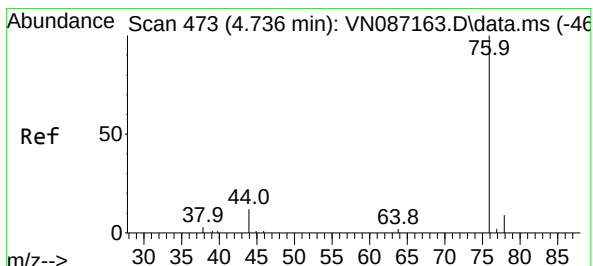
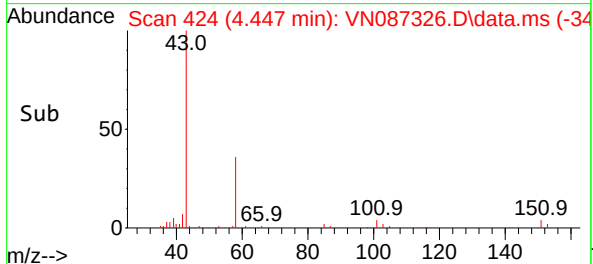
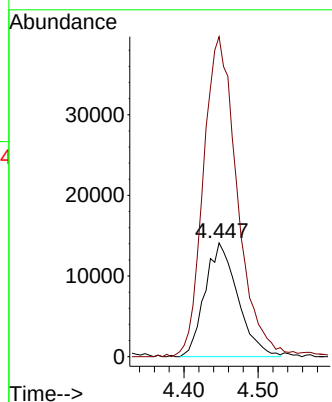
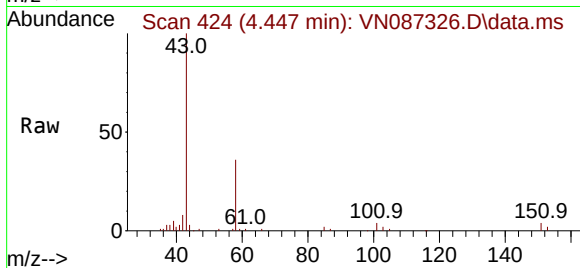
ClientSampleId :

Tgt Ion: 58 Resp: 43408

Ion Ratio Lower Upper

58 100

43 275.6 224.3 336.5



#16

Carbon Disulfide

Concen: 14.374 ug/l

RT: 4.736 min Scan# 473

Delta R.T. -0.000 min

Lab File: VN087326.D

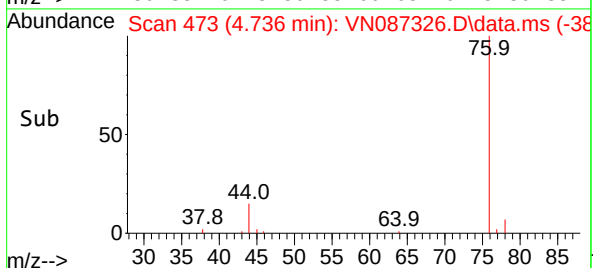
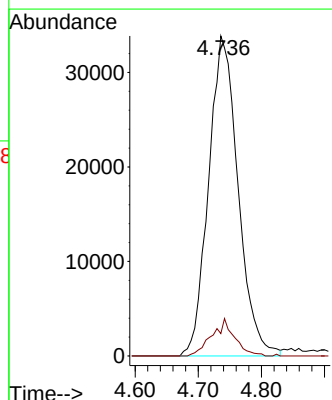
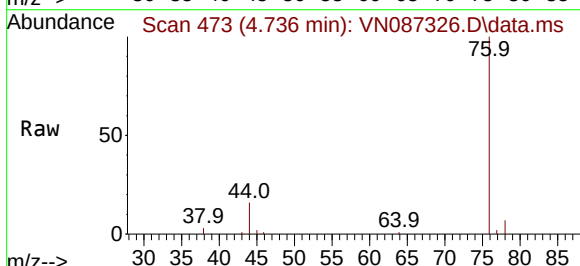
Acq: 10 Jul 2025 15:56

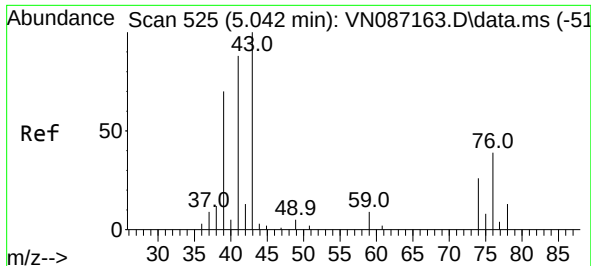
Tgt Ion: 76 Resp: 110043

Ion Ratio Lower Upper

76 100

78 7.0 7.2 10.8#

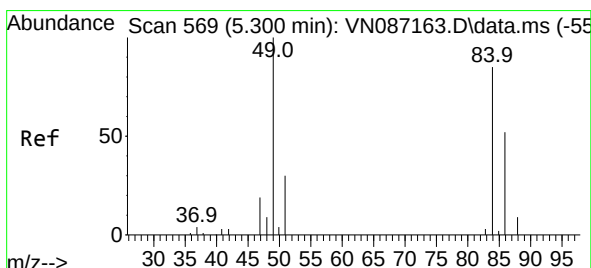
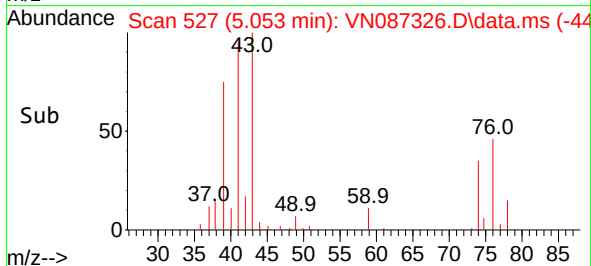
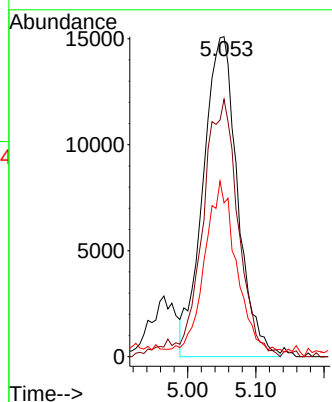
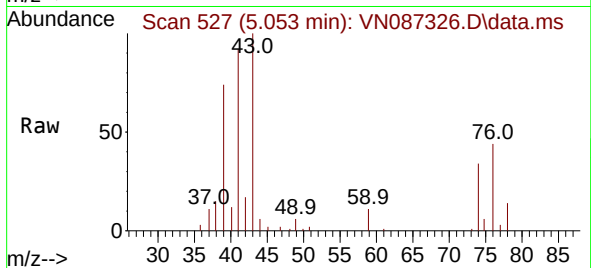




#17
 Allyl chloride
 Concen: 12.307 ug/l
 RT: 5.053 min Scan# 51
 Delta R.T. 0.012 min
 Lab File: VN087326.D
 Acq: 10 Jul 2025 15:56

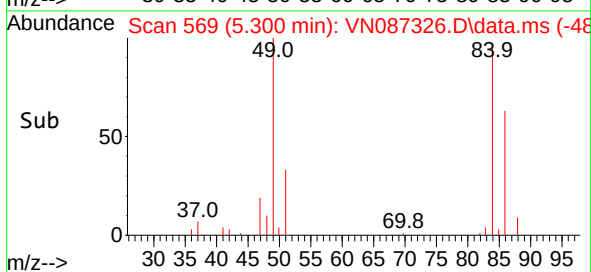
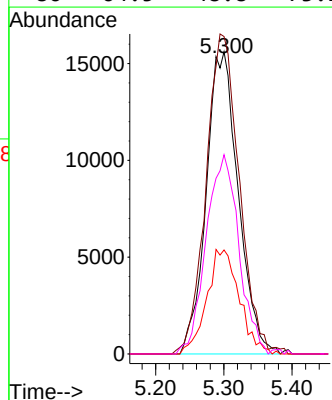
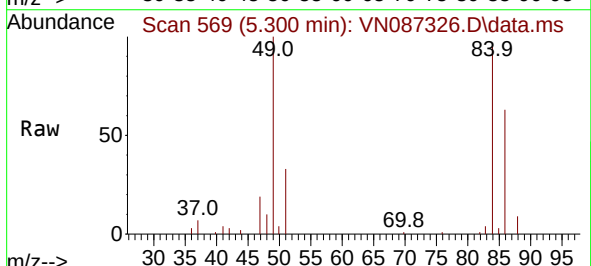
Instrument :
 MSVOA_N
 ClientSampleId :

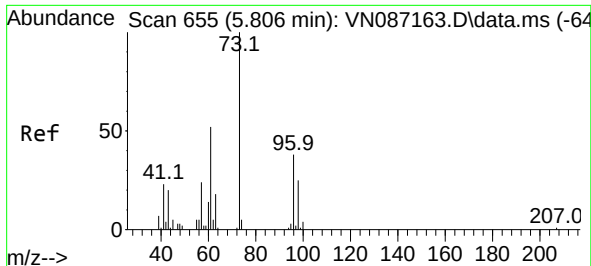
Tgt Ion: 41 Resp: 53150
 Ion Ratio Lower Upper
 41 100
 39 81.3 36.0 108.0
 76 46.3 19.5 58.5



#18
 Methylene Chloride
 Concen: 16.856 ug/l
 RT: 5.300 min Scan# 569
 Delta R.T. -0.000 min
 Lab File: VN087326.D
 Acq: 10 Jul 2025 15:56

Tgt Ion: 84 Resp: 51132
 Ion Ratio Lower Upper
 84 100
 49 103.4 94.0 141.0
 51 34.4 28.3 42.5
 86 64.5 48.8 73.2





#19

trans-1,2-Dichloroethene

Concen: 16.582 ug/l

RT: 5.812 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN087326.D

Acq: 10 Jul 2025 15:56

Instrument :

MSVOA_N

ClientSampleId :

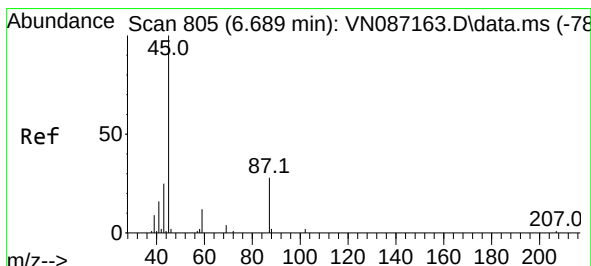
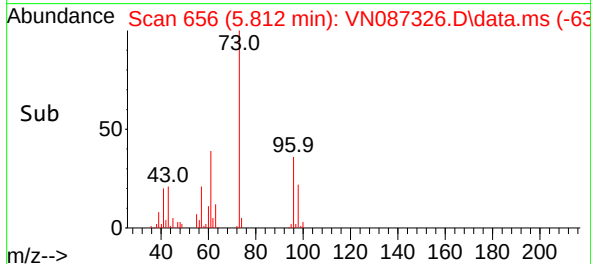
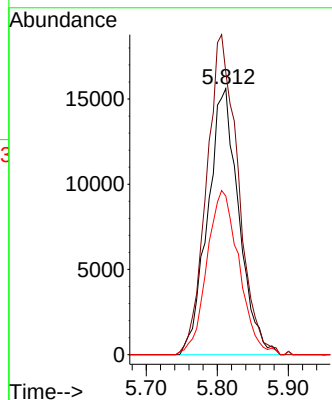
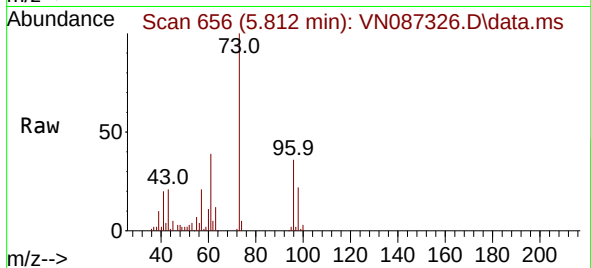
Tgt Ion: 96 Resp: 47482

Ion Ratio Lower Upper

96 100

61 106.0 110.3 165.5#

98 59.6 51.6 77.4



#20

Diisopropyl ether

Concen: 13.775 ug/l

RT: 6.683 min Scan# 804

Delta R.T. -0.006 min

Lab File: VN087326.D

Acq: 10 Jul 2025 15:56

Tgt Ion: 45 Resp: 126216

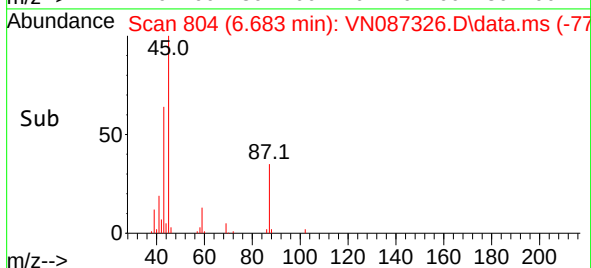
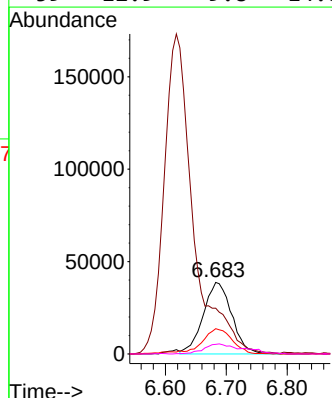
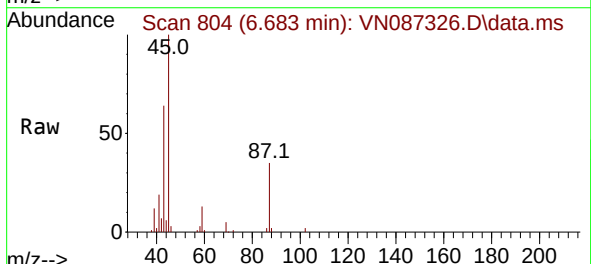
Ion Ratio Lower Upper

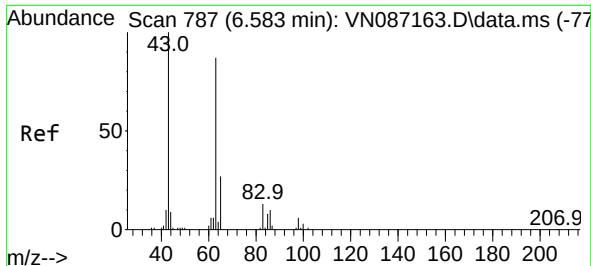
45 100

43 63.0 45.3 67.9

87 35.4 22.6 33.8#

59 12.9 9.8 14.8





#21

1,1-Dichloroethane

Concen: 15.275 ug/l

RT: 6.588 min Scan# 71

Delta R.T. 0.006 min

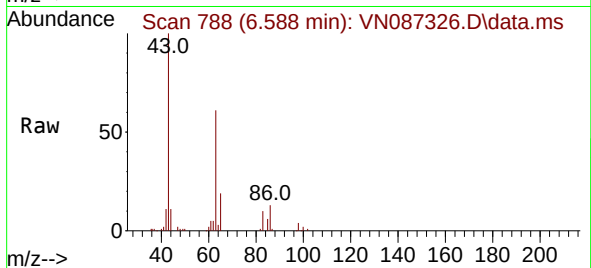
Lab File: VN087326.D

Acq: 10 Jul 2025 15:56

Instrument :

MSVOA_N

ClientSampleId :



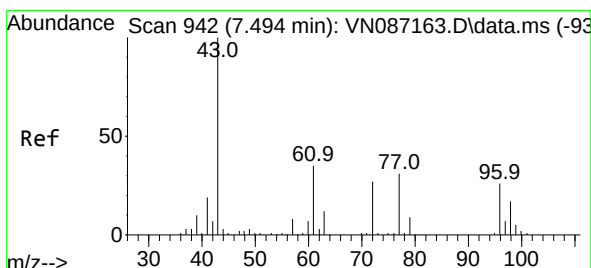
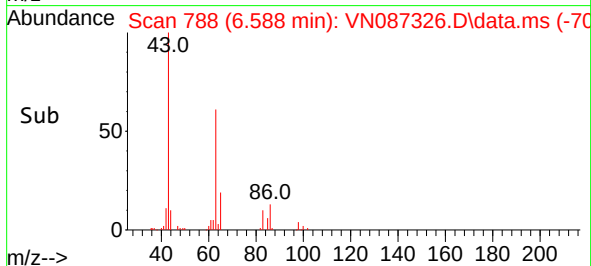
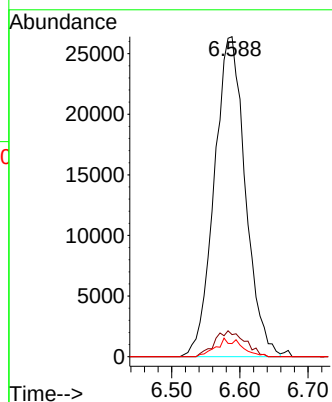
Tgt Ion: 63 Resp: 83652

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.1 2.0 5.8



#22

cis-1,2-Dichloroethene

Concen: 17.260 ug/l

RT: 7.500 min Scan# 943

Delta R.T. 0.006 min

Lab File: VN087326.D

Acq: 10 Jul 2025 15:56

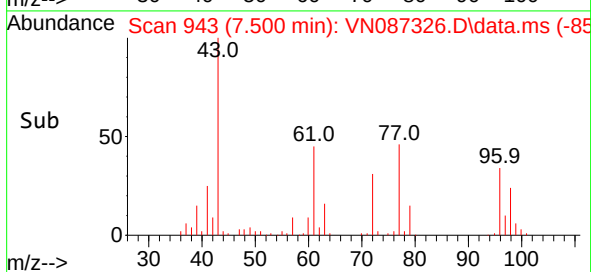
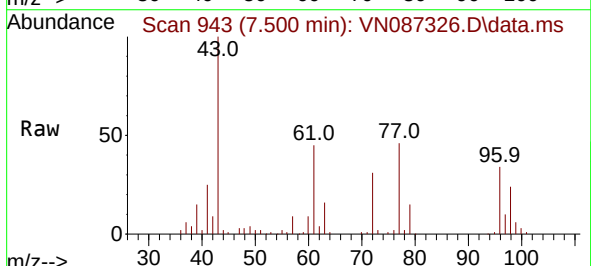
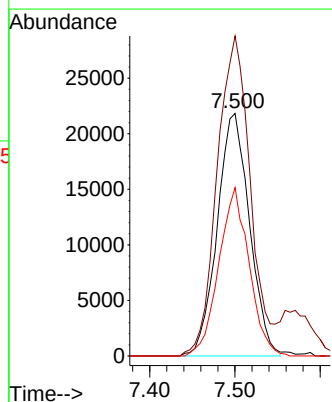
Tgt Ion: 96 Resp: 57523

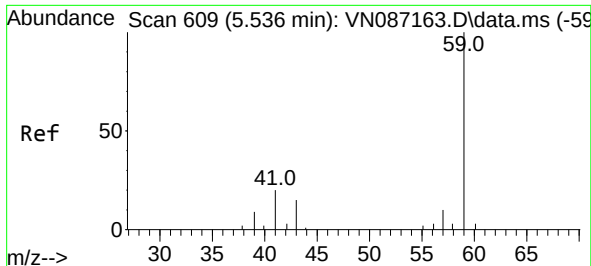
Ion Ratio Lower Upper

96 100

61 135.5 119.2 178.8

98 65.1 50.6 75.8

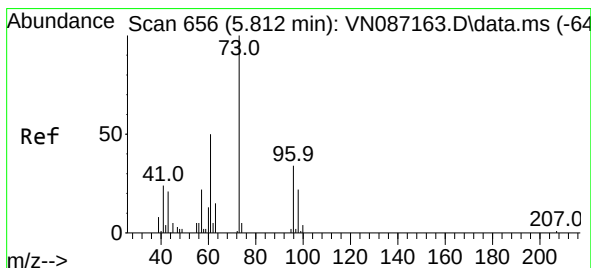
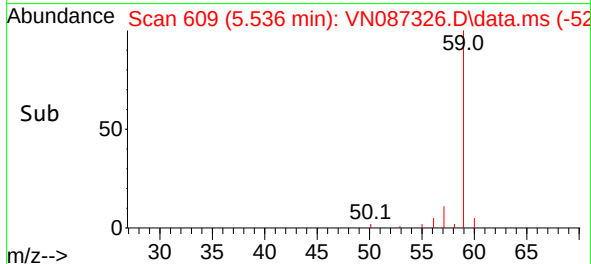
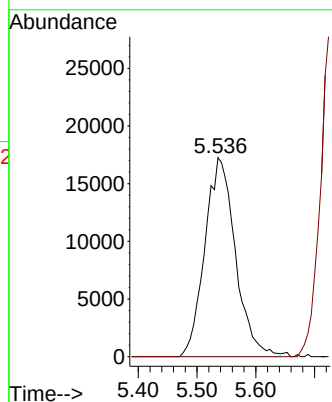
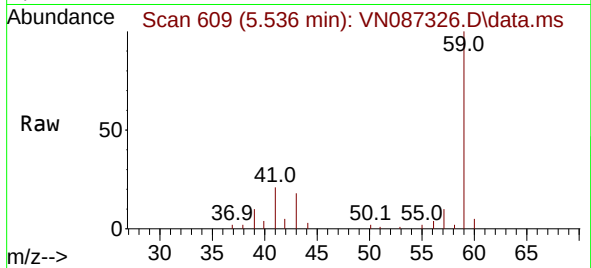




#23
tert-Butyl Alcohol
Concen: 86.385 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

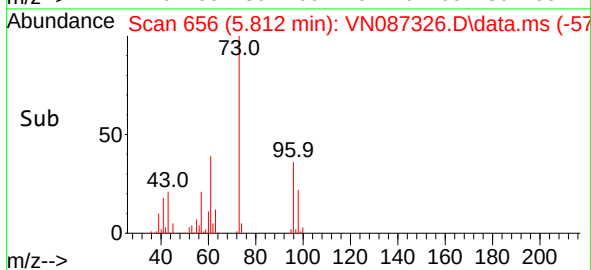
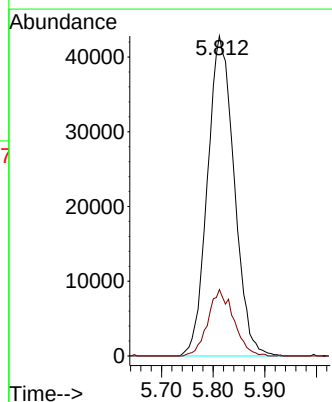
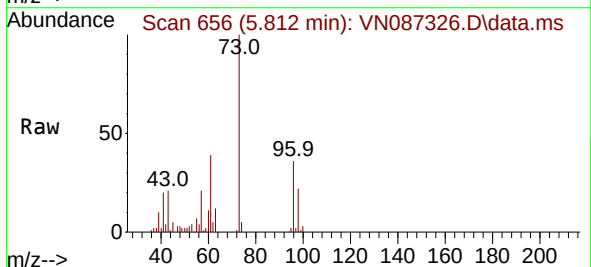
Instrument :
MSVOA_N
ClientSampleId :

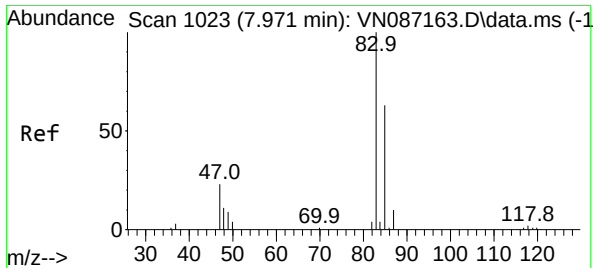
Tgt Ion: 59 Resp: 62239
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 16.743 ug/l
RT: 5.812 min Scan# 656
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

Tgt Ion: 73 Resp: 153760
Ion Ratio Lower Upper
73 100
43 13.3 16.4 24.6#

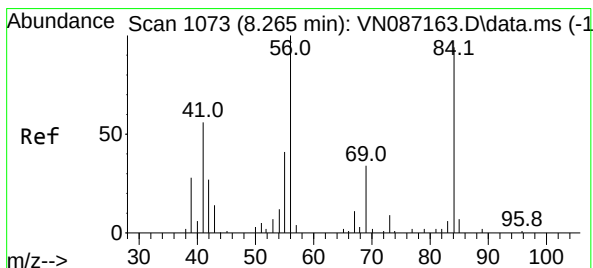
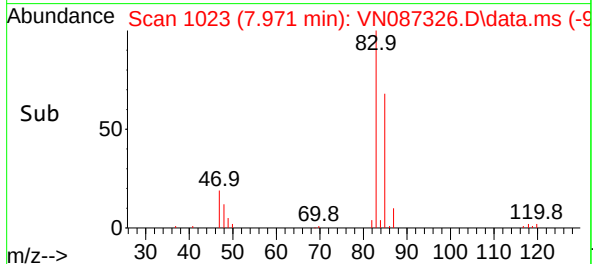
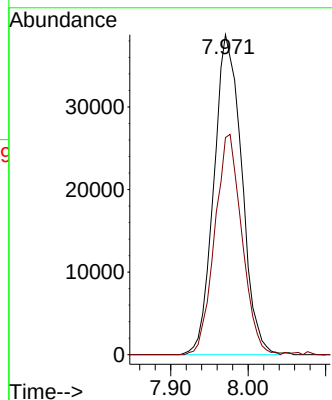
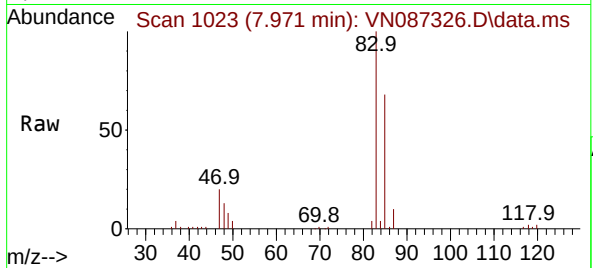




#25
Chloroform
Concen: 18.442 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

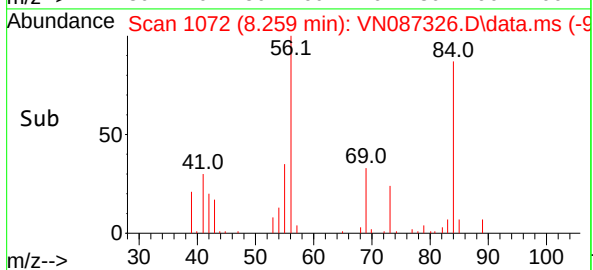
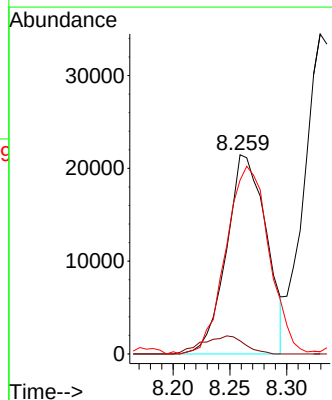
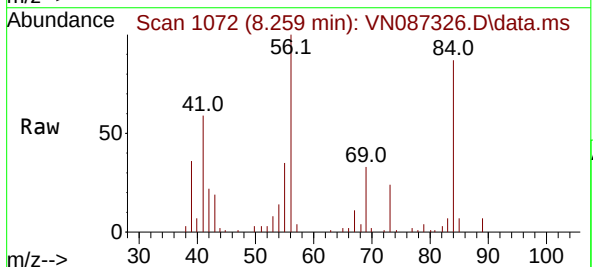
Instrument :
MSVOA_N
ClientSampleId :

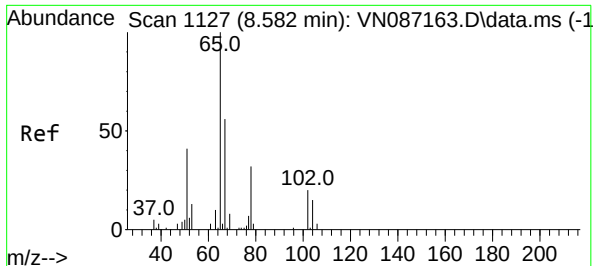
Tgt Ion: 83 Resp: 96760
Ion Ratio Lower Upper
83 100
85 67.9 50.7 76.1



#26
Cyclohexane
Concen: 11.503 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

Tgt Ion: 56 Resp: 52364
Ion Ratio Lower Upper
56 100
89 9.6 6.9 10.3
84 101.8 69.1 103.7





#27

1,2-Dichloroethane-d4

Concen: 27.739 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN087326.D

Acq: 10 Jul 2025 15:56

Instrument :

MSVOA_N

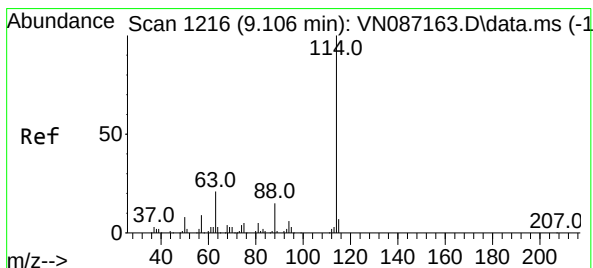
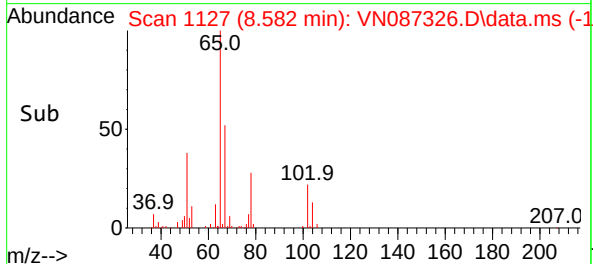
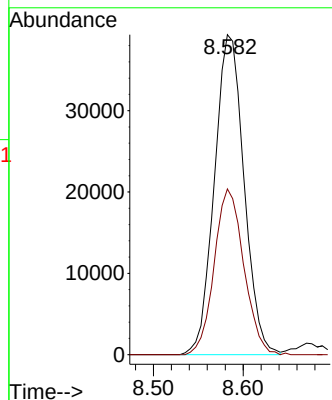
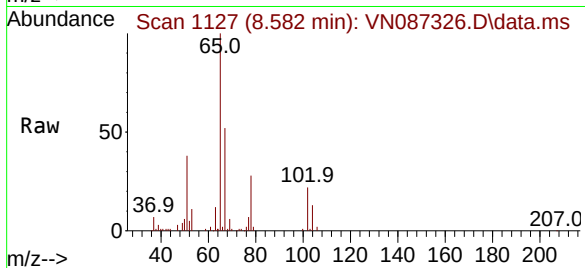
ClientSampleId :

Tgt Ion: 65 Resp: 90344

Ion Ratio Lower Upper

65 100

67 51.5 41.9 62.9



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087326.D

Acq: 10 Jul 2025 15:56

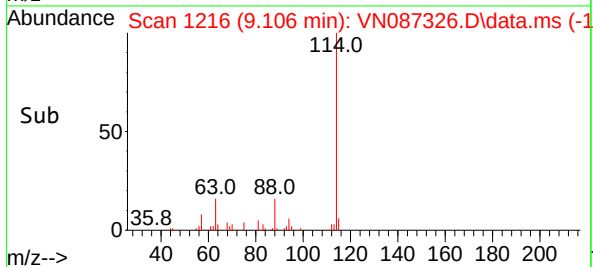
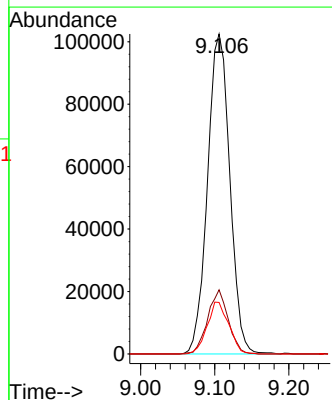
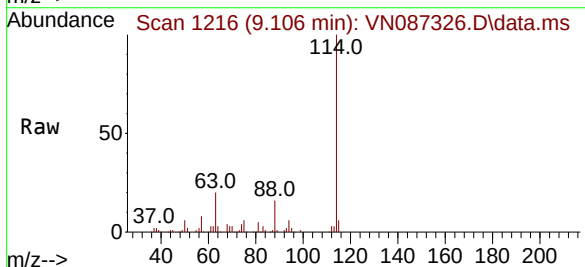
Tgt Ion: 114 Resp: 214570

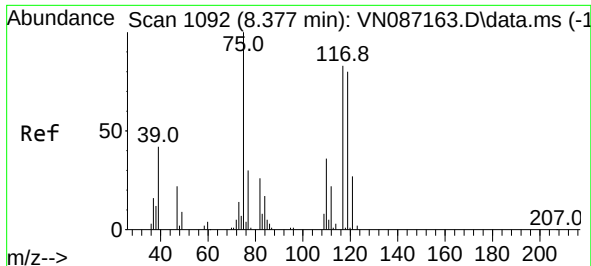
Ion Ratio Lower Upper

114 100

63 18.5 17.0 25.4

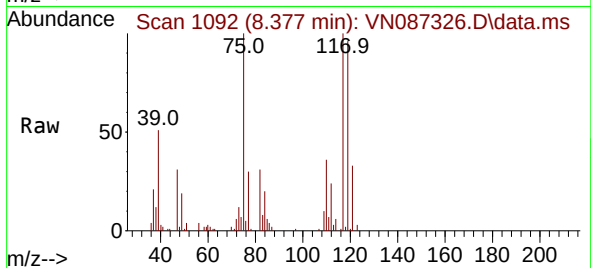
88 15.7 12.6 19.0



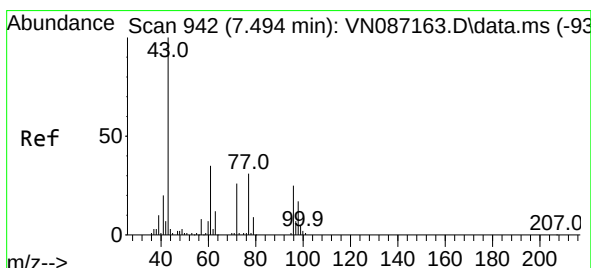
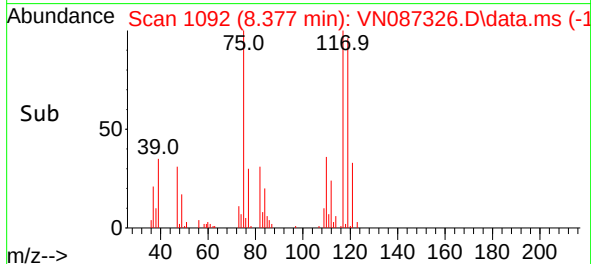
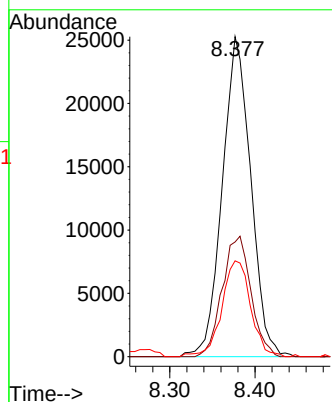


#29
1,1-Dichloropropene
Concen: 17.485 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

Instrument :
MSVOA_N
ClientSampleId :

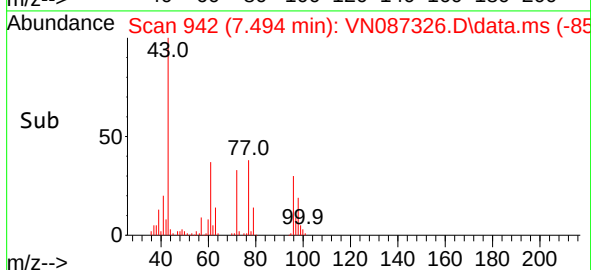
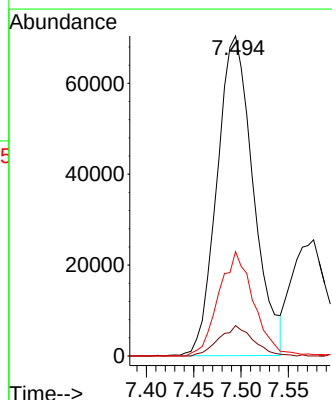
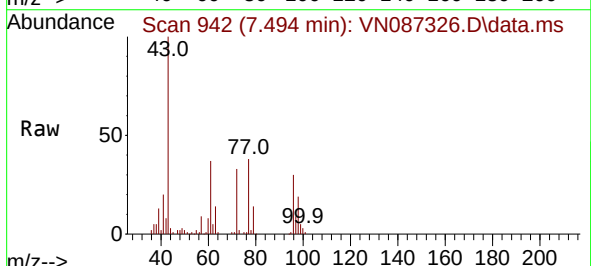


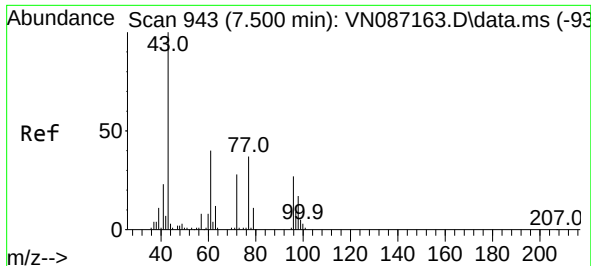
Tgt Ion: 75 Resp: 58477
Ion Ratio Lower Upper
75 100
110 38.1 0.0 69.2
77 30.2 0.0 61.8



#30
2-Butanone
Concen: 83.098 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

Tgt Ion: 43 Resp: 187466
Ion Ratio Lower Upper
43 100
57 9.0 6.3 9.5
72 31.2 21.8 32.6

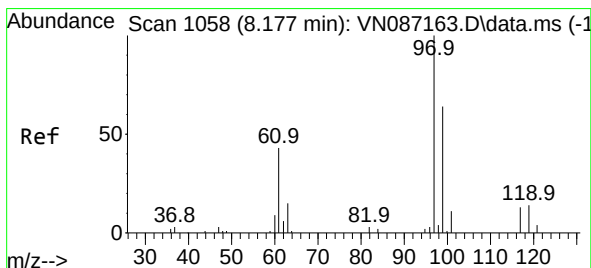
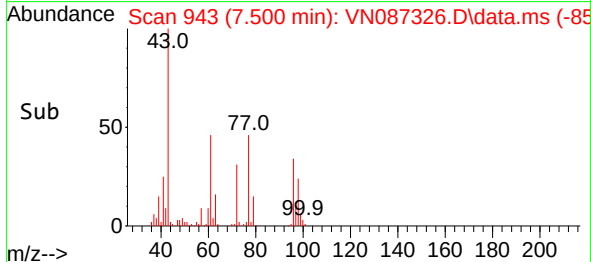
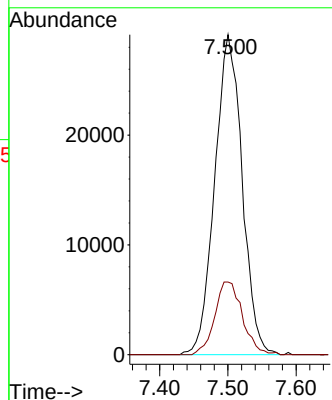
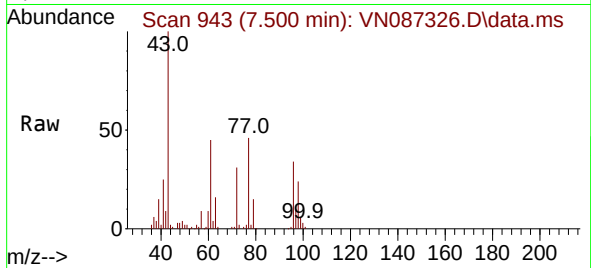




#31
2,2-Dichloropropane
Concen: 20.182 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

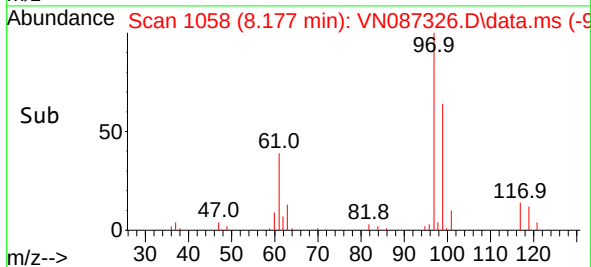
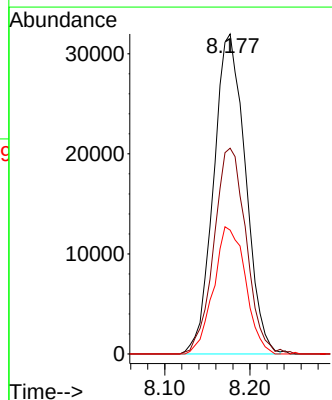
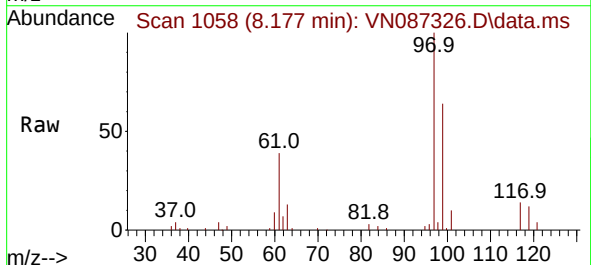
Instrument :
MSVOA_N
ClientSampleId :

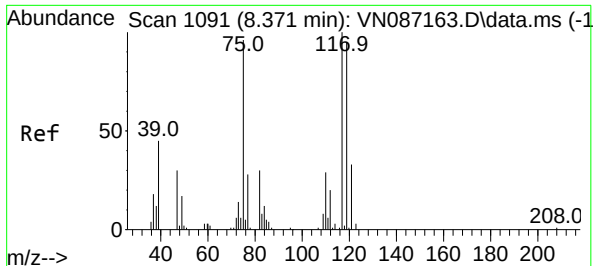
Tgt Ion: 77 Resp: 81476
Ion Ratio Lower Upper
77 100
97 22.8 18.4 27.6



#32
1,1,1-Trichloroethane
Concen: 21.224 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

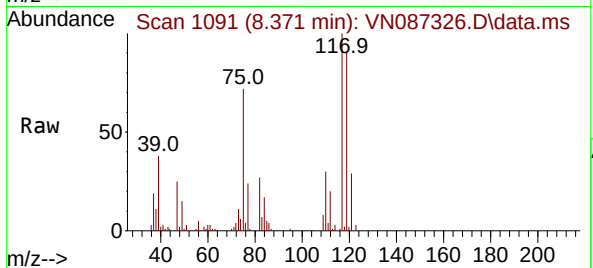
Tgt Ion: 97 Resp: 82924
Ion Ratio Lower Upper
97 100
99 64.8 50.8 76.2
61 39.8 36.1 54.1



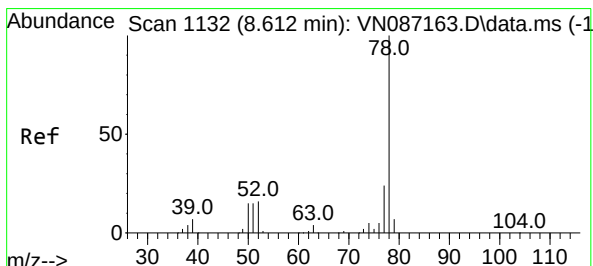
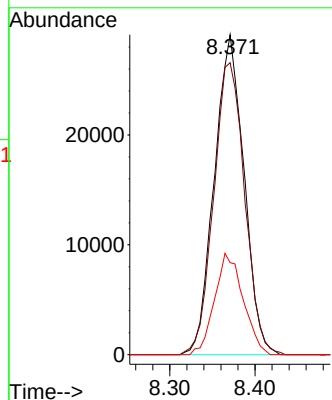
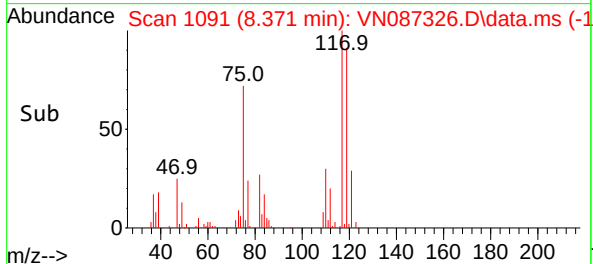


#33
Carbon Tetrachloride
Concen: 21.423 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

Instrument :
MSVOA_N
ClientSampleId :

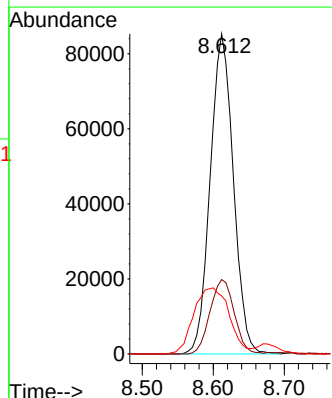
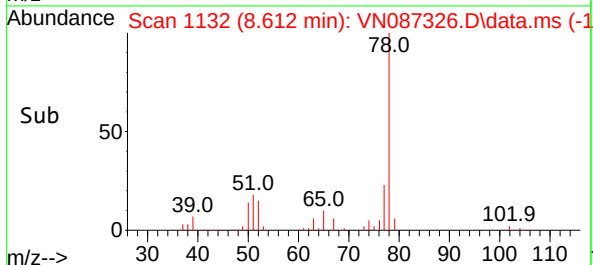
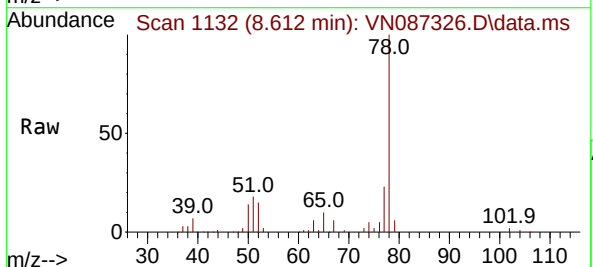


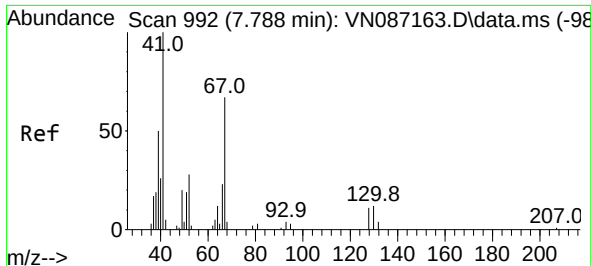
Tgt Ion:117 Resp: 70438
Ion Ratio Lower Upper
117 100
119 91.2 75.8 113.6
121 28.7 26.2 39.4



#34
Benzene
Concen: 18.218 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

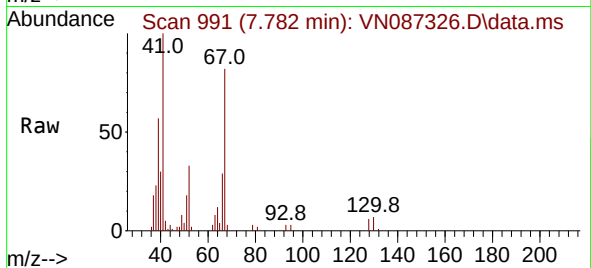
Tgt Ion: 78 Resp: 193020
Ion Ratio Lower Upper
78 100
77 23.2 19.5 29.3
51 16.7 14.8 22.2



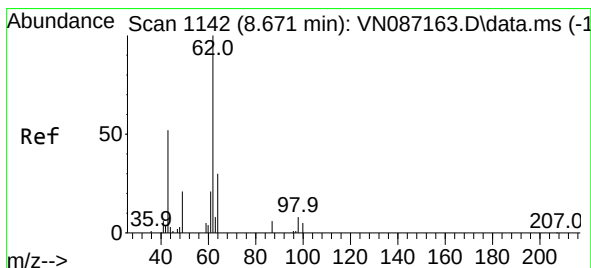
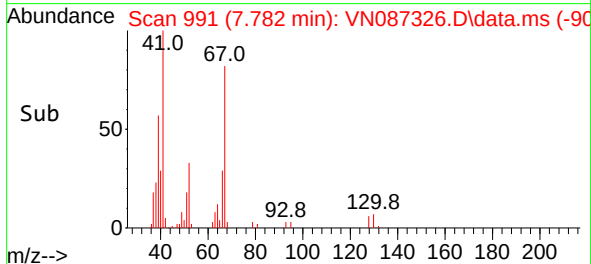
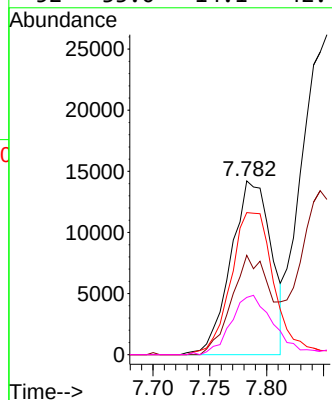


#35
Methacrylonitrile
Concen: 15.452 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

Instrument :
MSVOA_N
ClientSampleId :

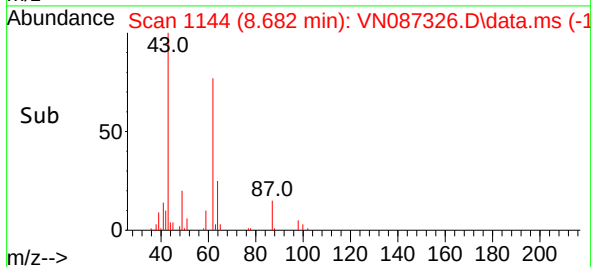
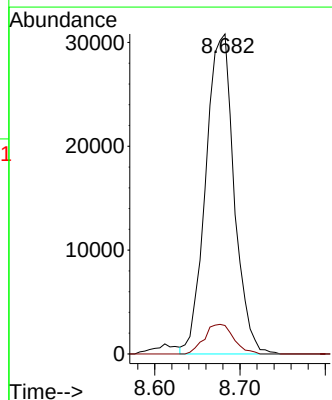
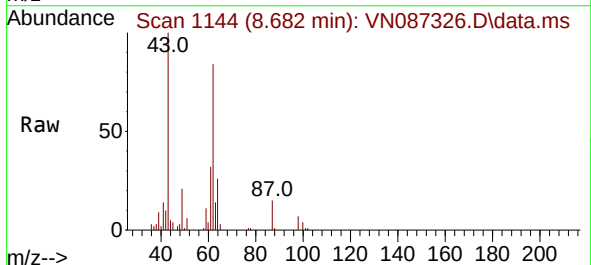


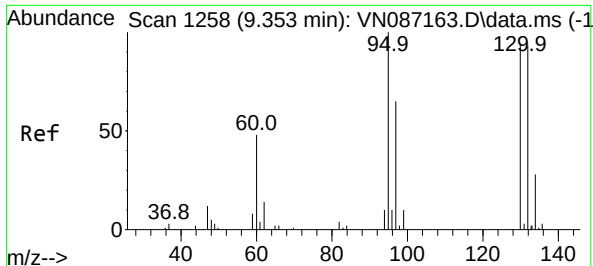
Tgt Ion: 41	Resp: 35131
Ion Ratio	Lower Upper
41 100	
39 57.1	24.4 73.2
67 81.8	33.3 99.8
52 33.0	14.1 42.4



#36
1,2-Dichloroethane
Concen: 20.815 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.012 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

Tgt Ion: 62	Resp: 71256
Ion Ratio	Lower Upper
62 100	
98 9.5	7.2 10.8





#37

Trichloroethene

Concen: 20.236 ug/l

RT: 9.353 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087326.D

Acq: 10 Jul 2025 15:56

Instrument :

MSVOA_N

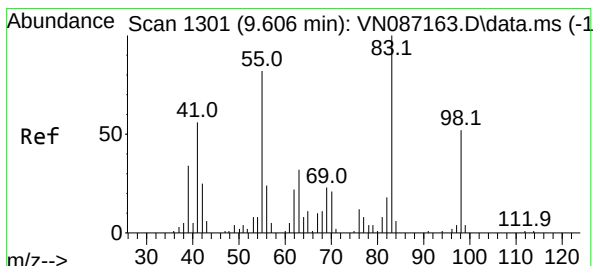
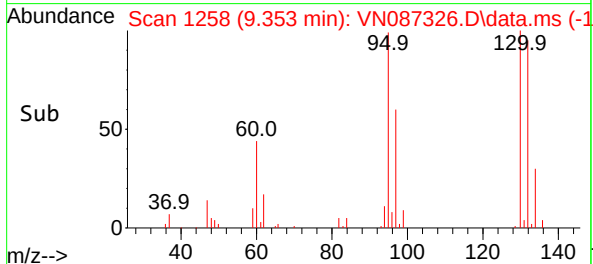
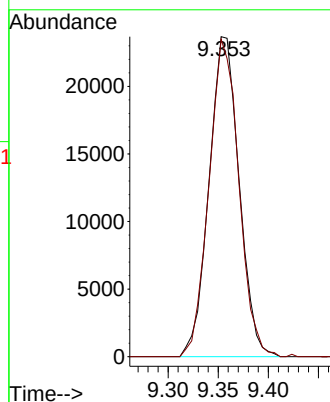
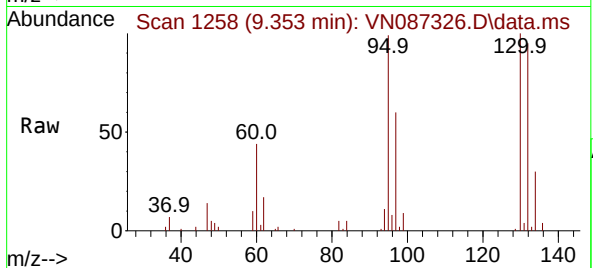
ClientSampleId :

Tgt Ion:130 Resp: 49453

Ion Ratio Lower Upper

130 100

95 99.2 85.3 127.9



#38

Methylcyclohexane

Concen: 15.410 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN087326.D

Acq: 10 Jul 2025 15:56

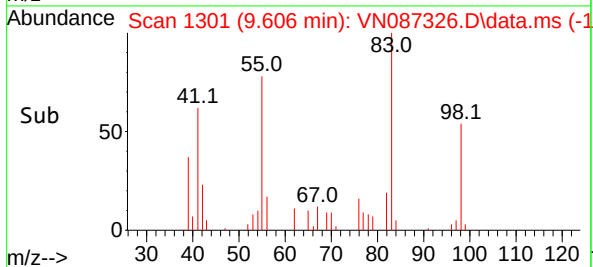
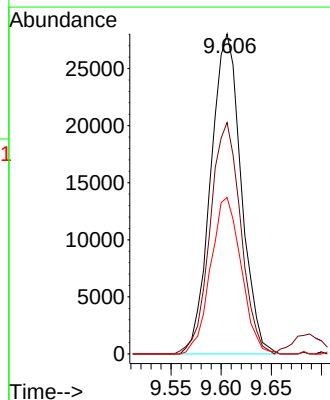
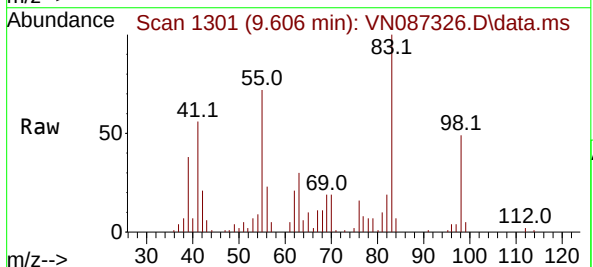
Tgt Ion: 83 Resp: 59134

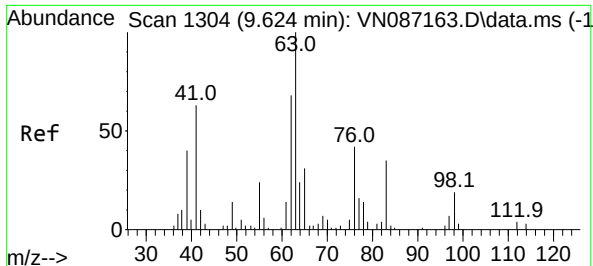
Ion Ratio Lower Upper

83 100

55 72.5 40.1 120.2

98 49.0 24.4 73.2





#39

1,2-Dichloropropane

Concen: 17.648 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN087326.D

Acq: 10 Jul 2025 15:56

Instrument :

MSVOA_N

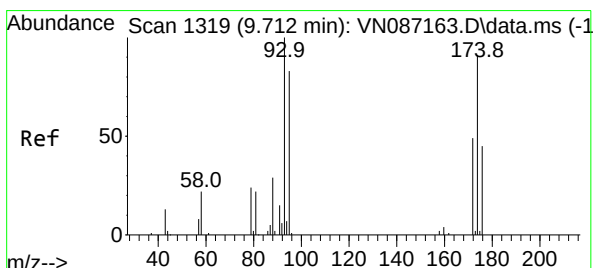
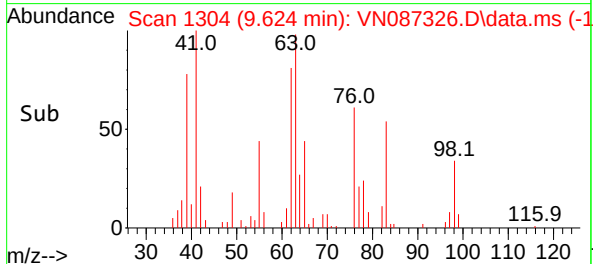
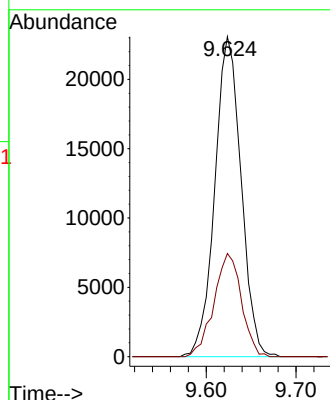
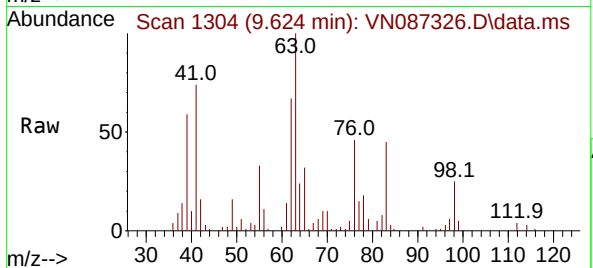
ClientSampleId :

Tgt Ion: 63 Resp: 46930

Ion Ratio Lower Upper

63 100

65 32.3 24.6 36.8



#40

Dibromomethane

Concen: 21.532 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN087326.D

Acq: 10 Jul 2025 15:56

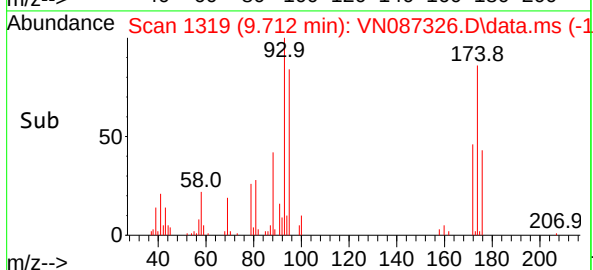
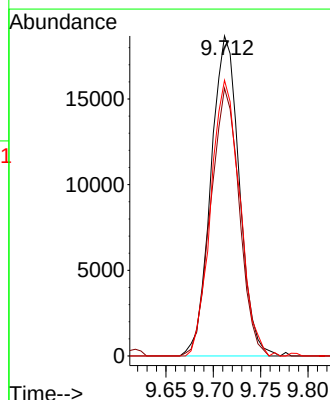
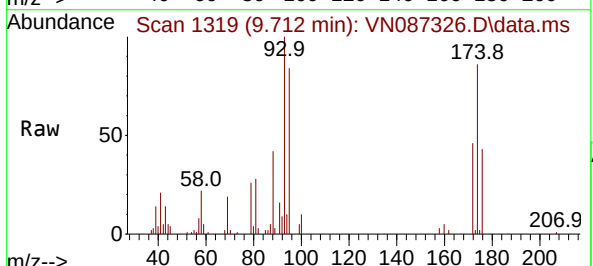
Tgt Ion: 93 Resp: 38935

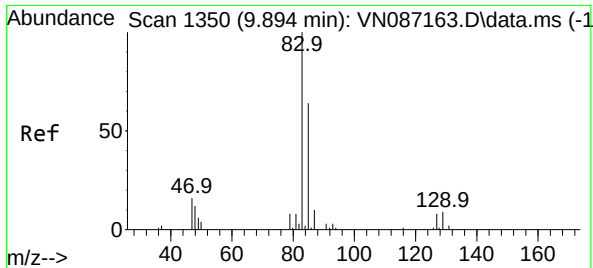
Ion Ratio Lower Upper

93 100

95 84.0 0.0 170.8

174 87.6 0.0 176.6

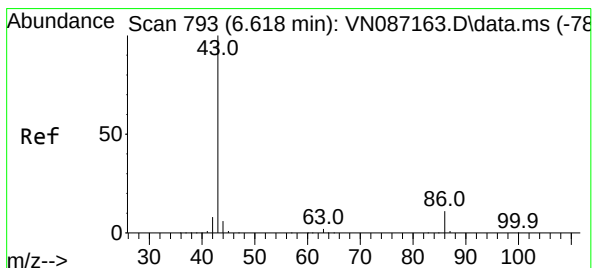
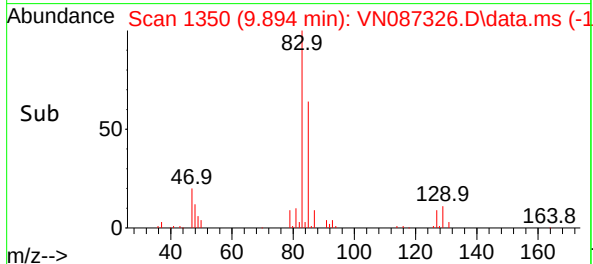
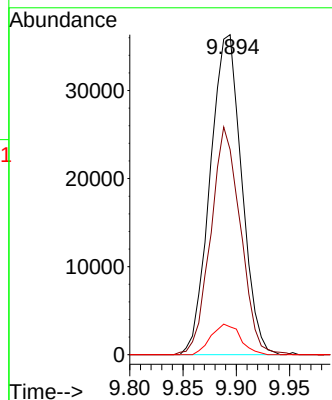
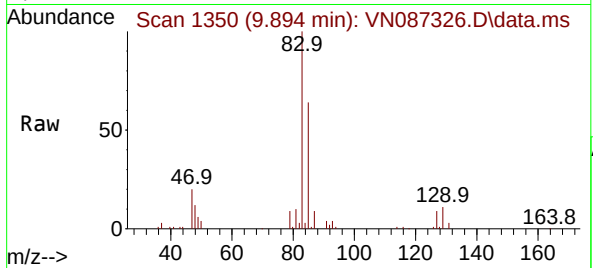




#41
Bromodichloromethane
Concen: 20.508 ug/l
RT: 9.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

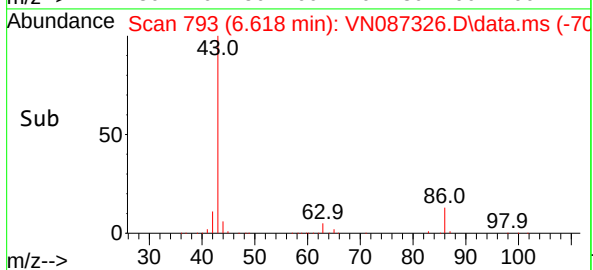
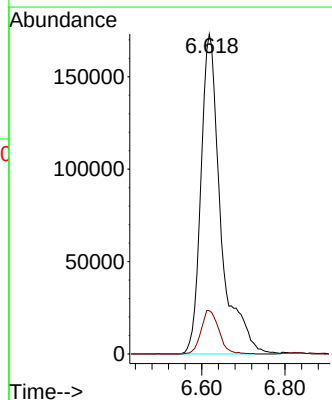
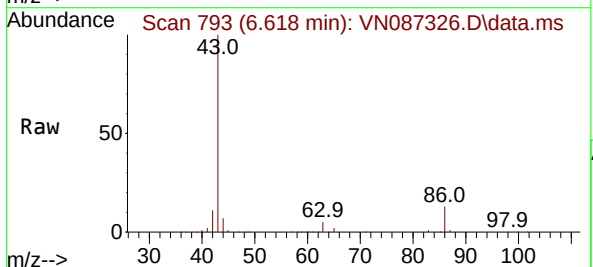
Instrument :
MSVOA_N
ClientSampleId :

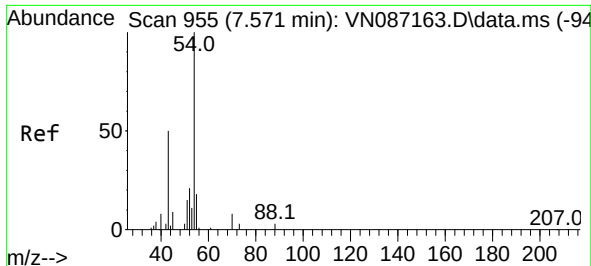
Tgt Ion: 83 Resp: 74853
Ion Ratio Lower Upper
83 100
85 63.3 51.4 77.2
127 8.7 6.1 9.1



#42
Vinyl Acetate
Concen: 78.199 ug/l
RT: 6.618 min Scan# 793
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

Tgt Ion: 43 Resp: 573793
Ion Ratio Lower Upper
43 100
86 12.2 7.7 11.5#





#43

Ethyl Acetate

Concen: 17.079 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN087326.D

Acq: 10 Jul 2025 15:56

Instrument :

MSVOA_N

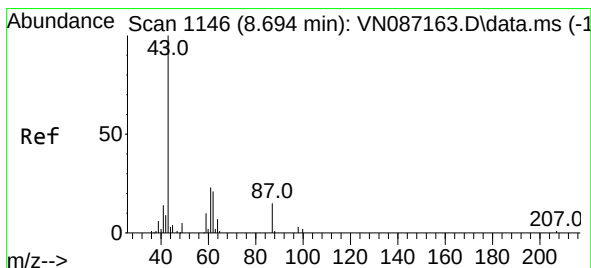
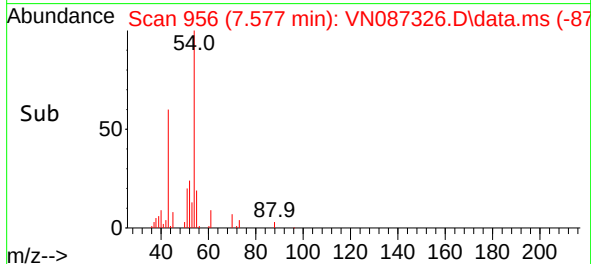
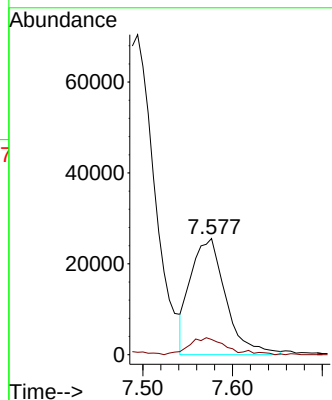
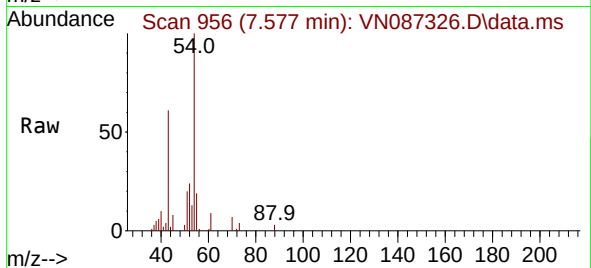
ClientSampleId :

Tgt Ion: 43 Resp: 69556

Ion Ratio Lower Upper

43 100

45 14.0 11.5 17.3



#44

Isopropyl Acetate

Concen: 16.918 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VN087326.D

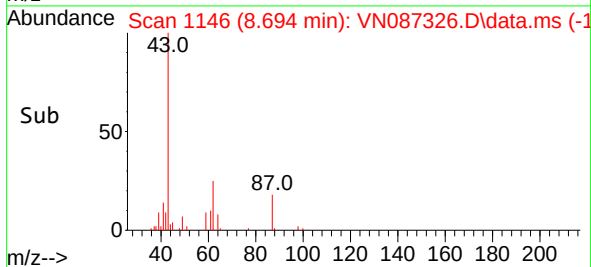
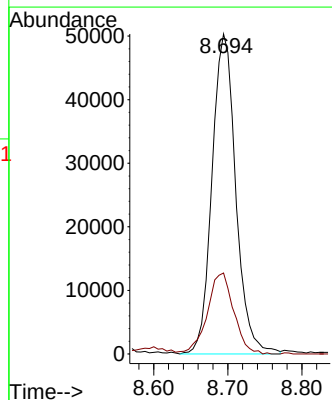
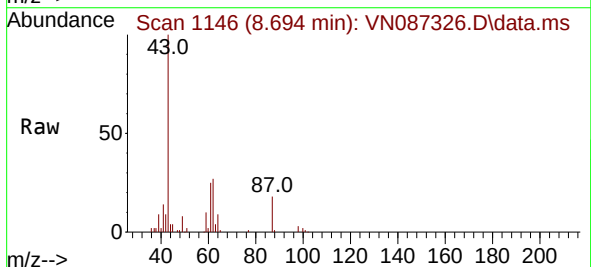
Acq: 10 Jul 2025 15:56

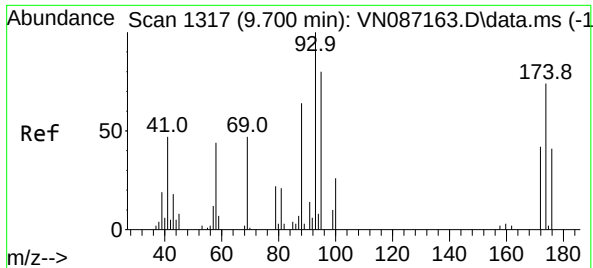
Tgt Ion: 43 Resp: 112258

Ion Ratio Lower Upper

43 100

61 28.1 20.5 30.7

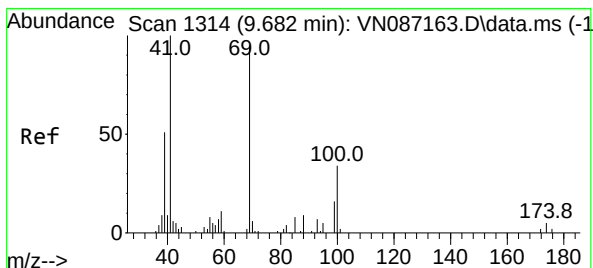
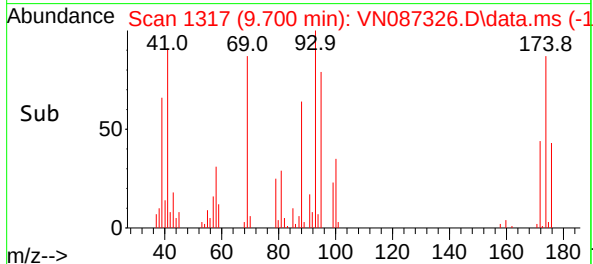
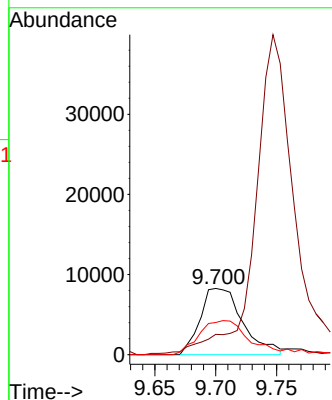
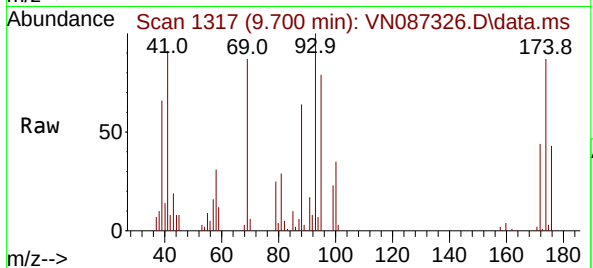




#45
 1,4-Dioxane
 Concen: 447.522 ug/l
 RT: 9.700 min Scan# 1317
 Delta R.T. -0.000 min
 Lab File: VN087326.D
 Acq: 10 Jul 2025 15:56

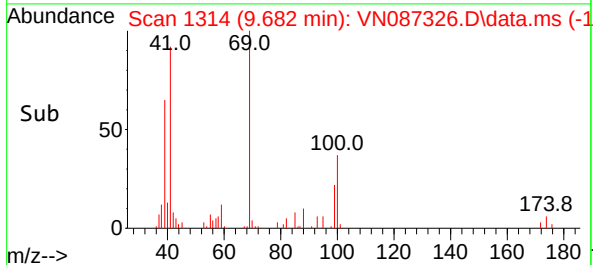
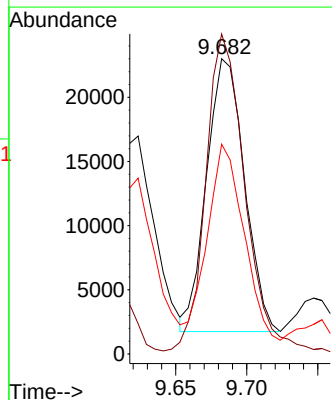
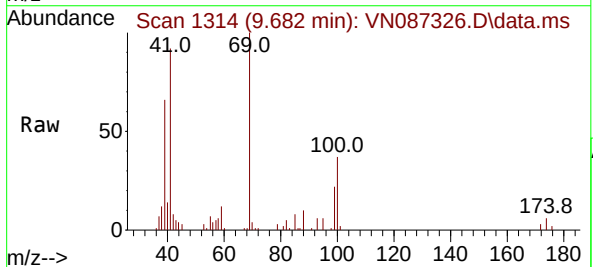
Instrument :
 MSVOA_N
 ClientSampleId :

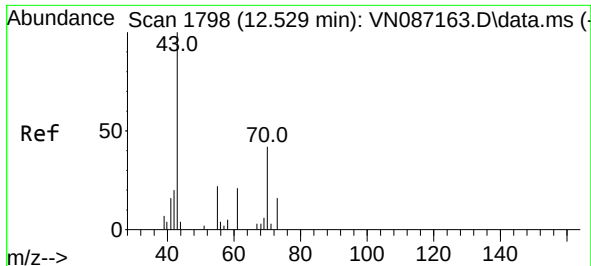
Tgt Ion: 88 Resp: 20087
 Ion Ratio Lower Upper
 88 100
 43 21.2 21.3 31.9#
 58 59.0 61.7 92.5#



#46
 Methyl methacrylate
 Concen: 12.790 ug/l
 RT: 9.682 min Scan# 1314
 Delta R.T. -0.000 min
 Lab File: VN087326.D
 Acq: 10 Jul 2025 15:56

Tgt Ion: 41 Resp: 39453
 Ion Ratio Lower Upper
 41 100
 69 113.0 45.6 136.9
 39 71.8 26.2 78.5

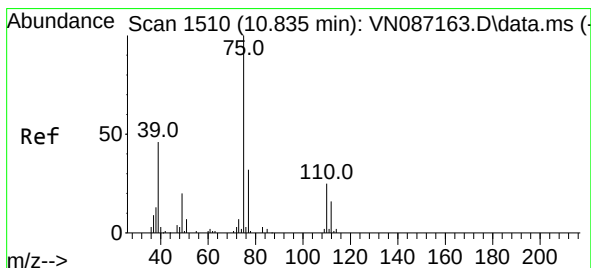
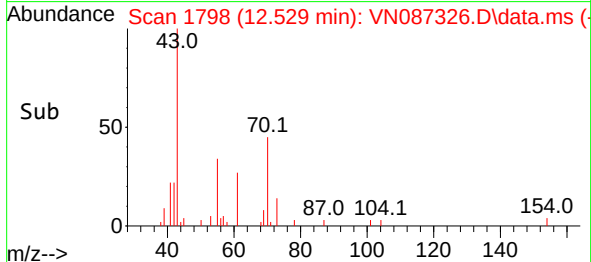
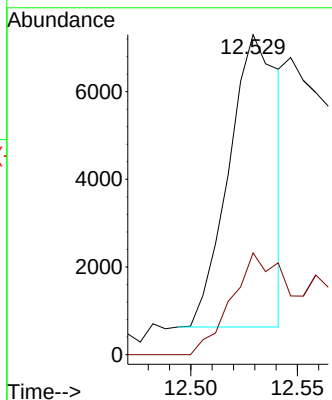
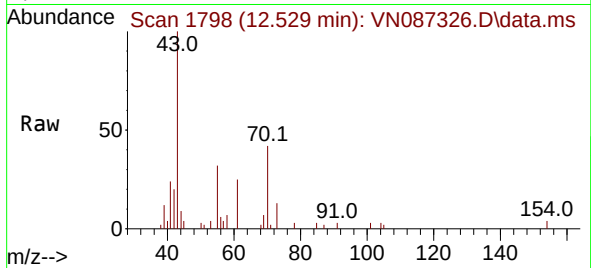




#47
n-amy1 Acetate
Concen: 2.631 ug/l
RT: 12.529 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

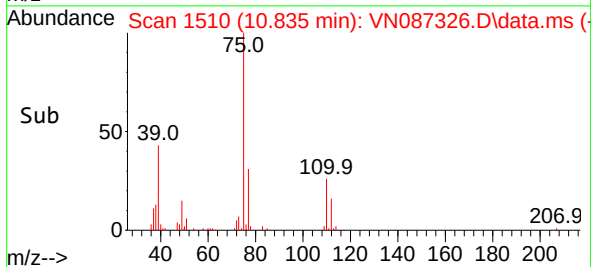
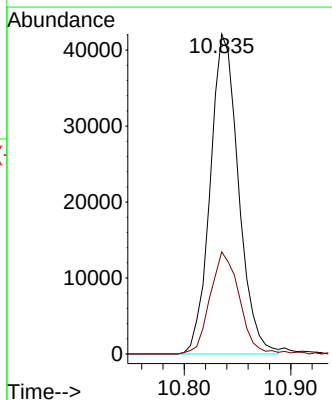
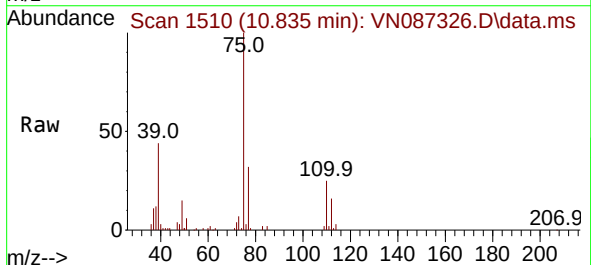
Instrument :
MSVOA_N
ClientSampleId :

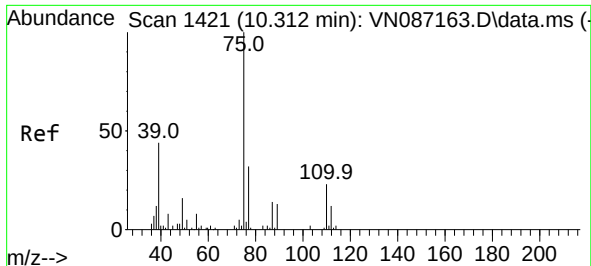
Tgt Ion: 43 Resp: 10673
Ion Ratio Lower Upper
43 100
55 41.6 0.0 0.0#



#48
t-1,3-Dichloropropene
Concen: 19.083 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

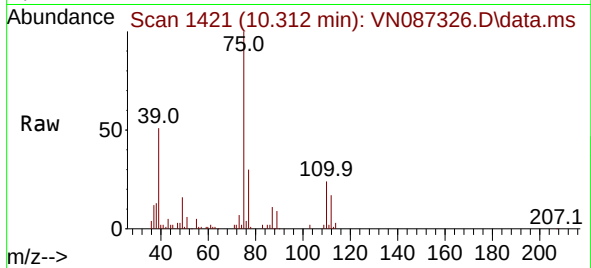
Tgt Ion: 75 Resp: 77647
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0



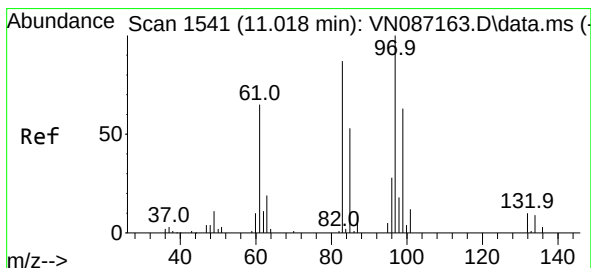
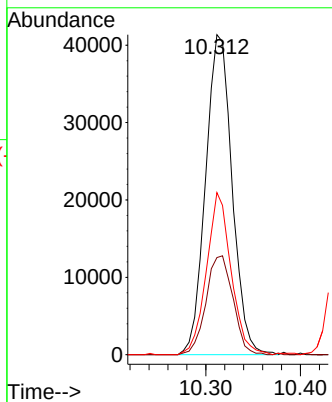
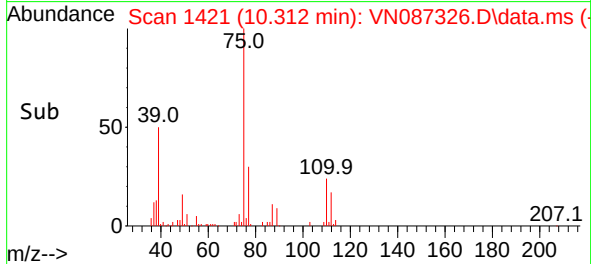


#49
 cis-1,3-Dichloropropene
 Concen: 18.575 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN087326.D
 Acq: 10 Jul 2025 15:56

Instrument :
 MSVOA_N
 ClientSampleId :

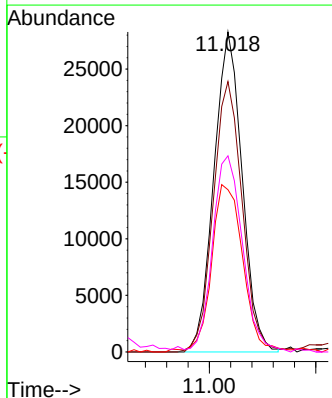
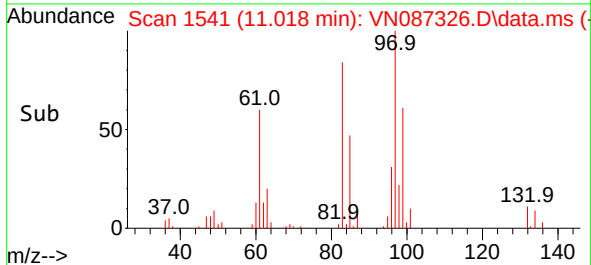
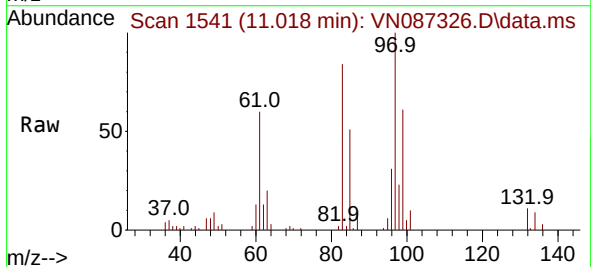


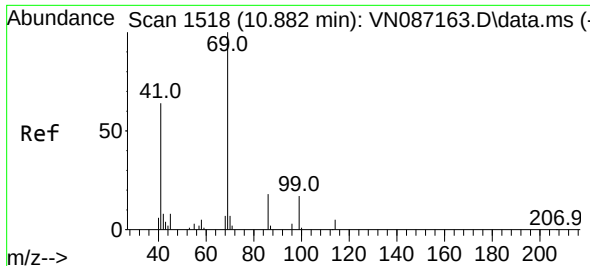
Tgt Ion: 75 Resp: 80346
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.4 38.2
 39 50.6 35.3 52.9



#50
 1,1,2-Trichloroethane
 Concen: 20.260 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN087326.D
 Acq: 10 Jul 2025 15:56

Tgt Ion: 97 Resp: 52041
 Ion Ratio Lower Upper
 97 100
 83 84.5 69.6 104.4
 85 50.0 42.0 63.0
 99 60.2 50.8 76.2

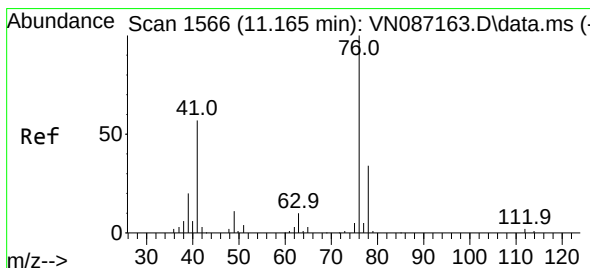
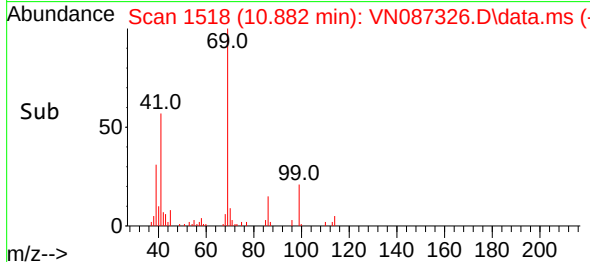
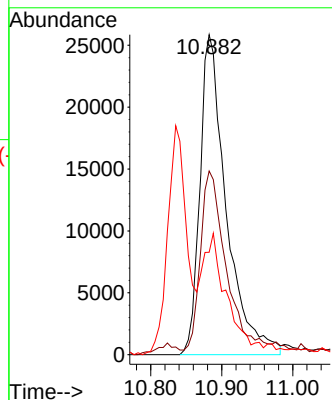
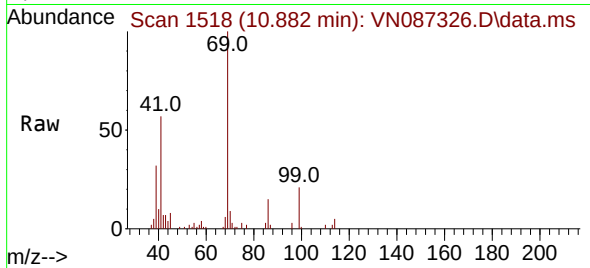




#51
Ethyl methacrylate
Concen: 17.002 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

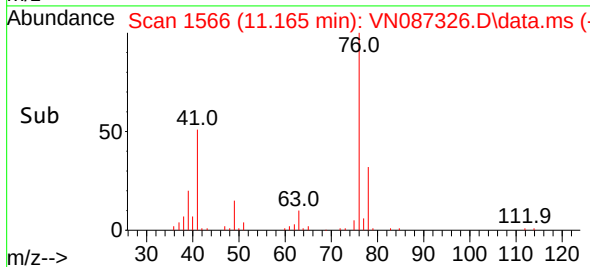
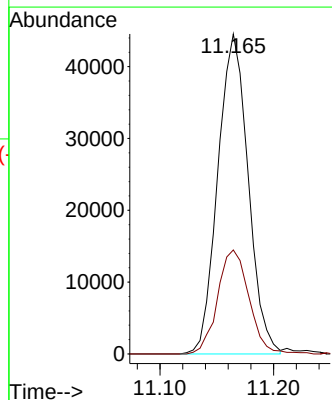
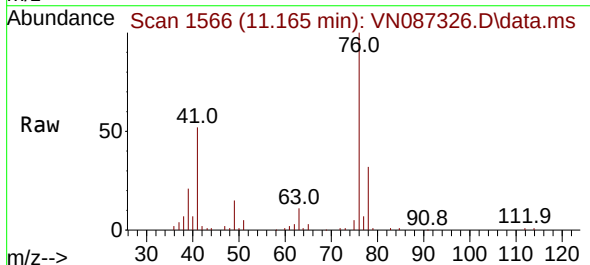
Instrument :
MSVOA_N
ClientSampleId :

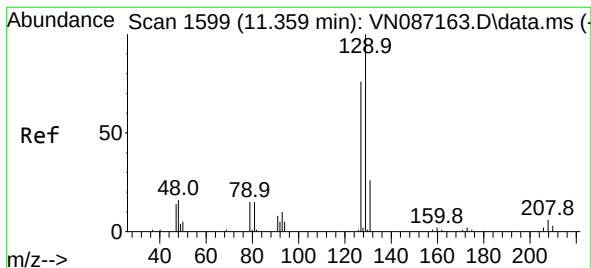
Tgt Ion: 69 Resp: 66472
Ion Ratio Lower Upper
69 100
41 56.0 31.8 95.3
39 30.0 15.3 45.8



#52
1,3-Dichloropropane
Concen: 18.739 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

Tgt Ion: 76 Resp: 82635
Ion Ratio Lower Upper
76 100
78 33.7 0.0 63.0

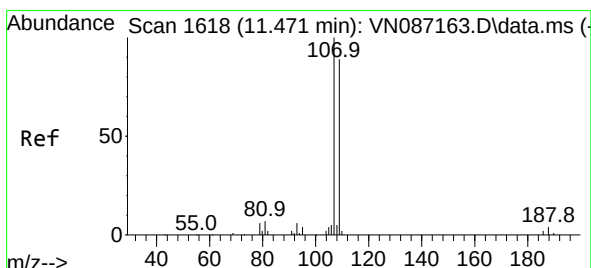
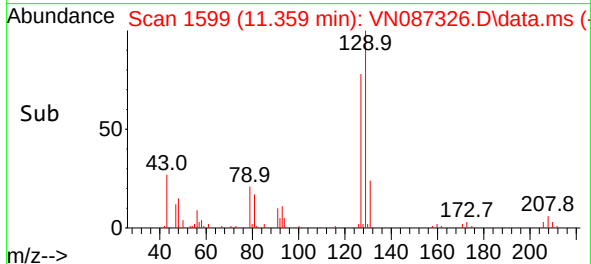
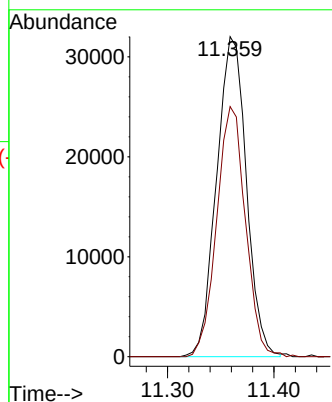
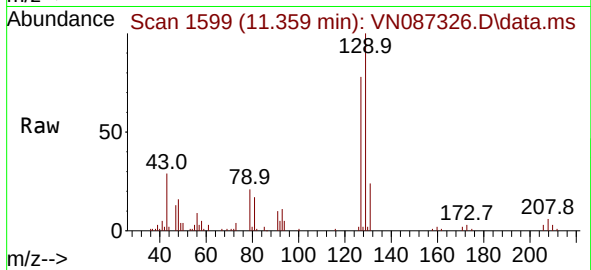




#53
Dibromochloromethane
Concen: 23.071 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

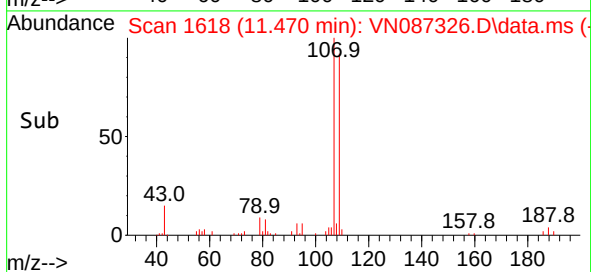
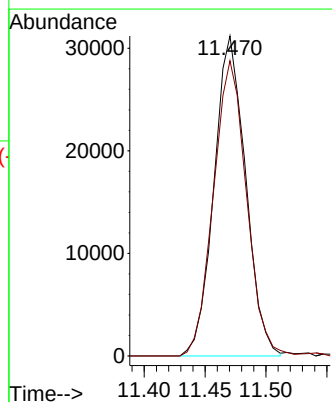
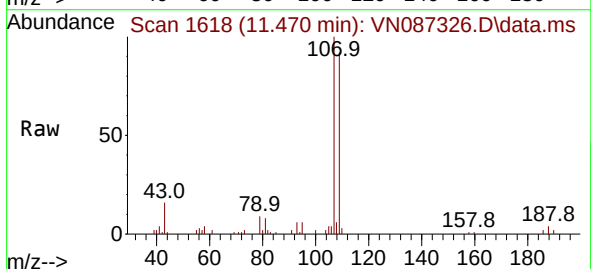
Instrument :
MSVOA_N
ClientSampleId :

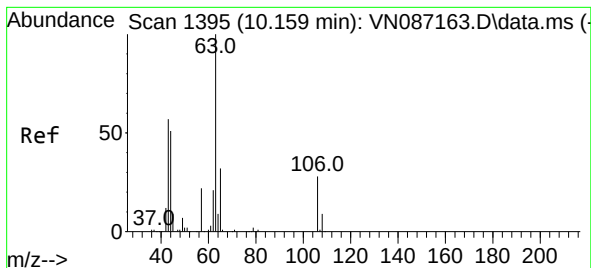
Tgt Ion:129 Resp: 62208
Ion Ratio Lower Upper
129 100
127 75.3 39.6 118.8



#54
1,2-Dibromoethane
Concen: 21.238 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

Tgt Ion:107 Resp: 56283
Ion Ratio Lower Upper
107 100
109 96.2 73.5 110.3

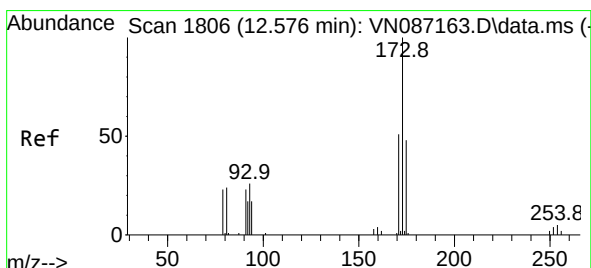
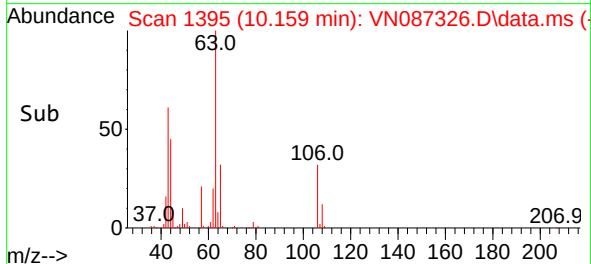
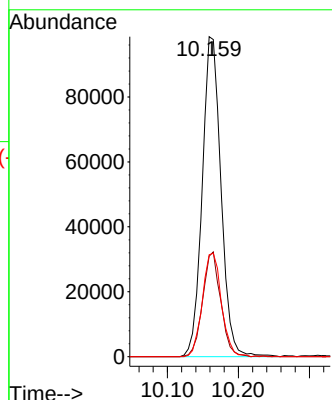
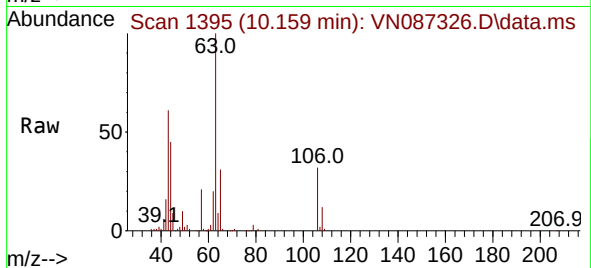




#55
2-Chloroethyl vinyl ether
Concen: 80.949 ug/l
RT: 10.159 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

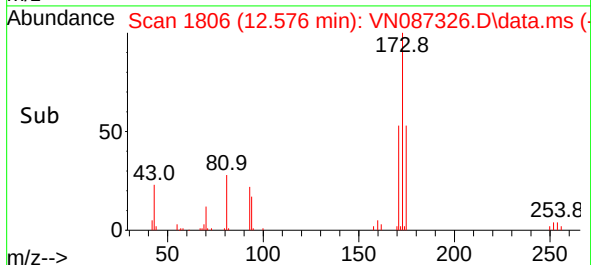
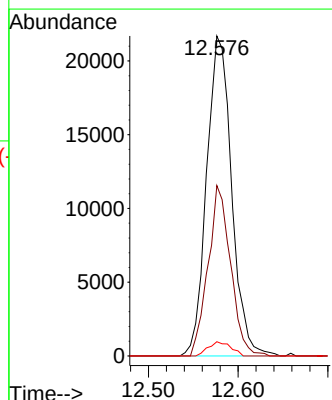
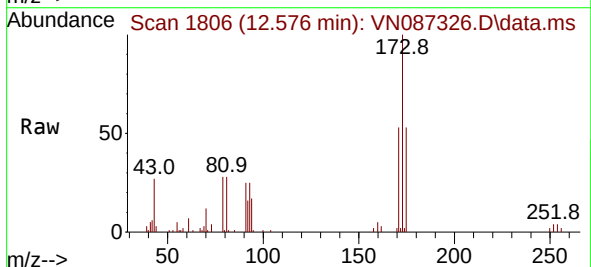
Instrument :
MSVOA_N
ClientSampleId :

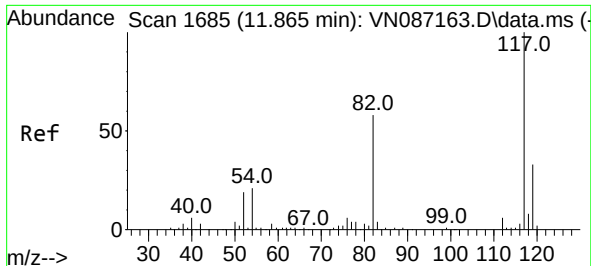
Tgt Ion: 63 Resp: 181403
Ion Ratio Lower Upper
63 100
65 31.4 25.6 38.4
106 32.6 21.9 32.9



#56
Bromoform
Concen: 22.656 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

Tgt Ion: 173 Resp: 41995
Ion Ratio Lower Upper
173 100
175 47.8 38.7 58.1
254 4.0 4.2 6.4#





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087326.D

Acq: 10 Jul 2025 15:56

Instrument :

MSVOA_N

ClientSampleId :

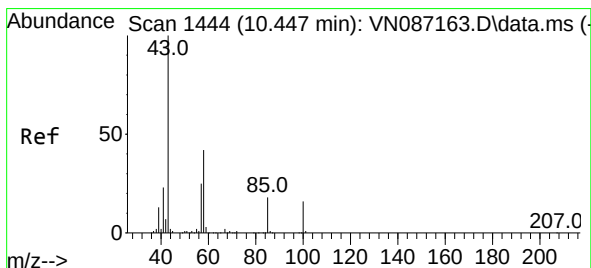
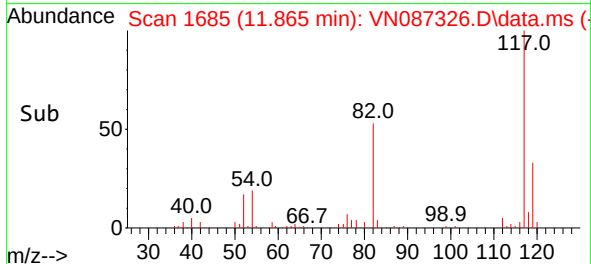
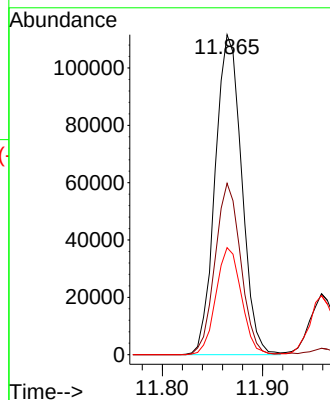
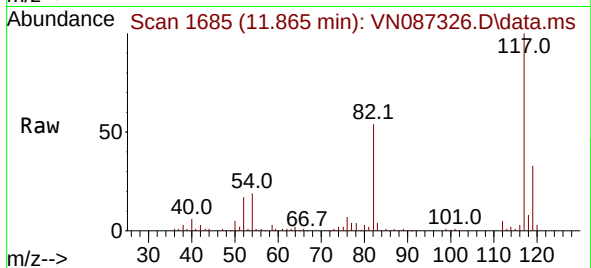
Tgt Ion:117 Resp: 205060

Ion Ratio Lower Upper

117 100

82 51.8 45.4 68.2

119 32.1 26.2 39.4



#58

4-Methyl-2-Pentanone

Concen: 80.125 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN087326.D

Acq: 10 Jul 2025 15:56

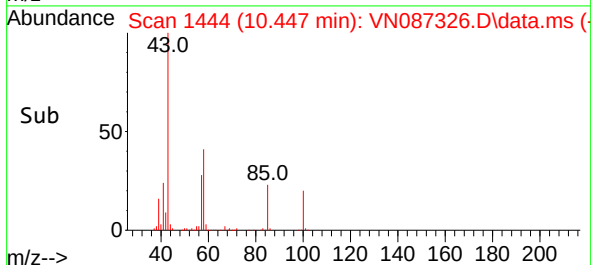
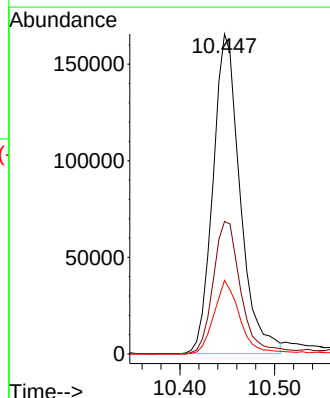
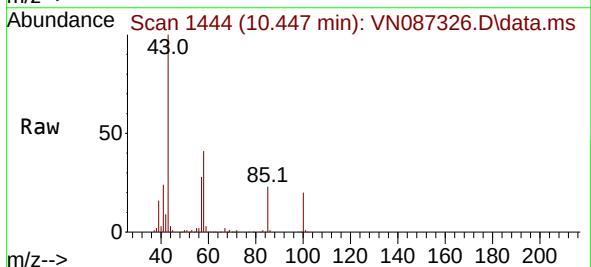
Tgt Ion: 43 Resp: 330312

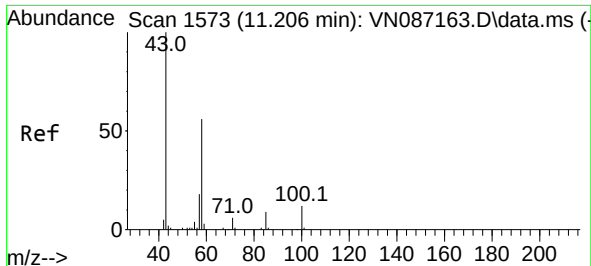
Ion Ratio Lower Upper

43 100

58 42.4 32.6 49.0

85 22.0 14.6 22.0#

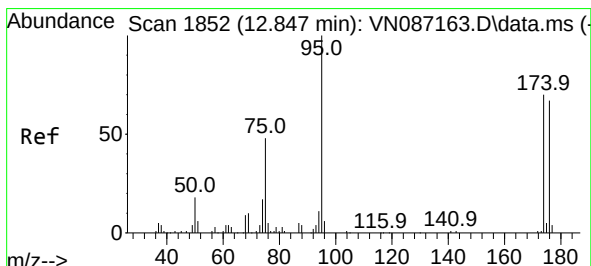
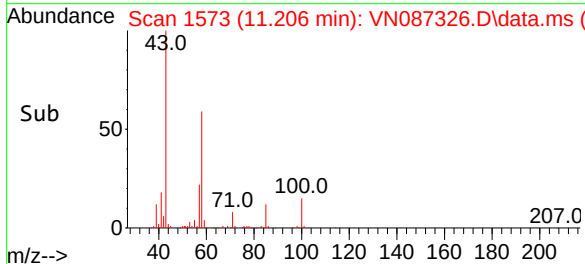
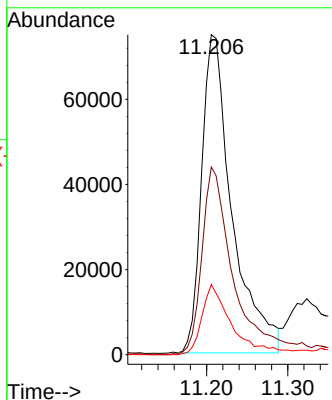
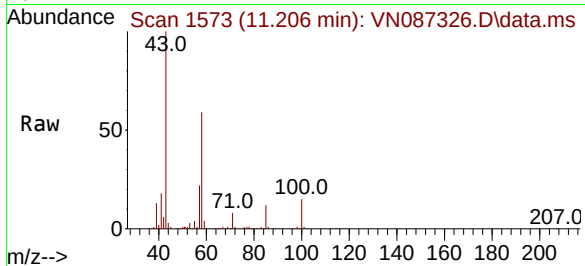




#59
2-Hexanone
Concen: 73.298 ug/l
RT: 11.206 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

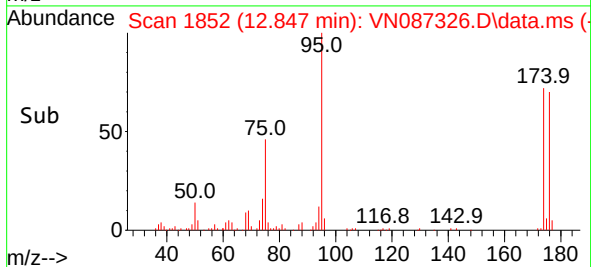
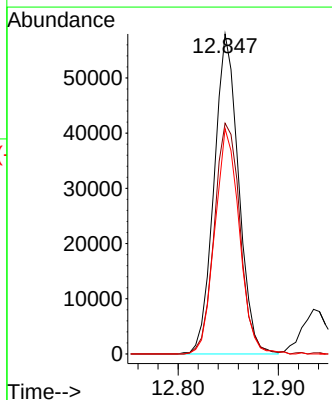
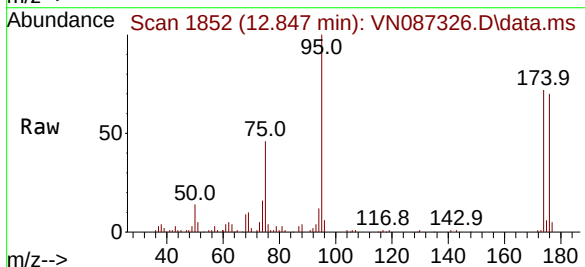
Instrument :
MSVOA_N
ClientSampleId :

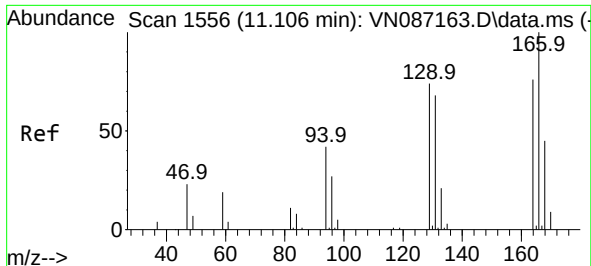
Tgt Ion: 43 Resp: 195119
Ion Ratio Lower Upper
43 100
58 60.6 49.2 73.8
57 19.5 15.3 22.9



#60
4-Bromofluorobenzene
Concen: 31.126 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

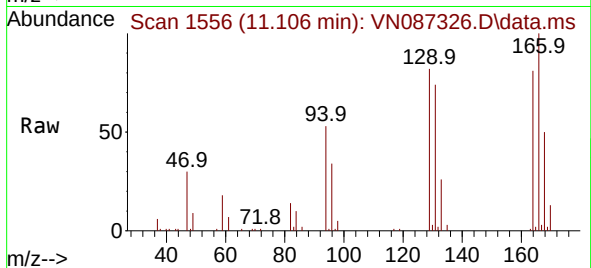
Tgt Ion: 95 Resp: 98492
Ion Ratio Lower Upper
95 100
174 75.7 54.5 81.7
176 70.3 51.9 77.9



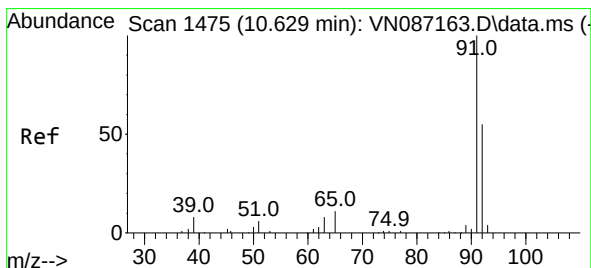
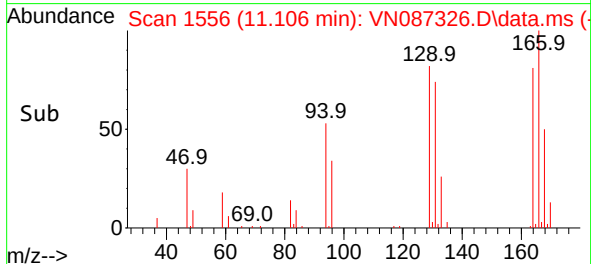
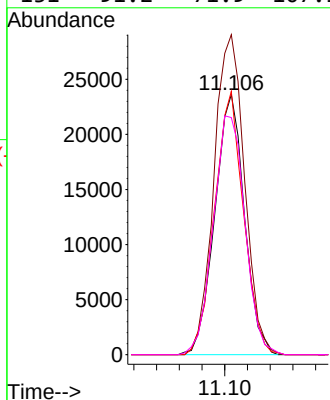


#61
Tetrachloroethene
Concen: 20.967 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

Instrument :
MSVOA_N
ClientSampleId :

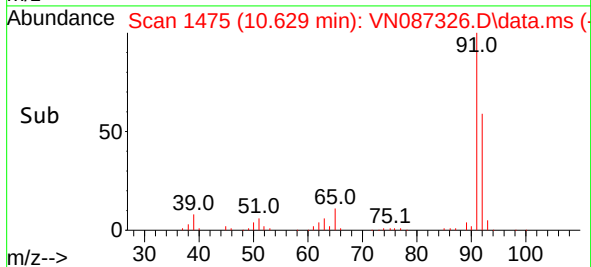
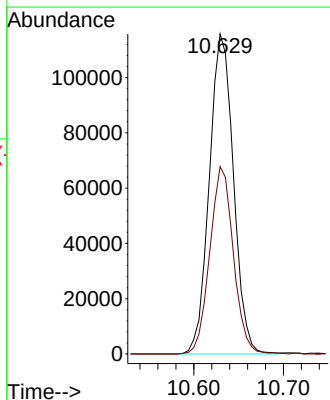
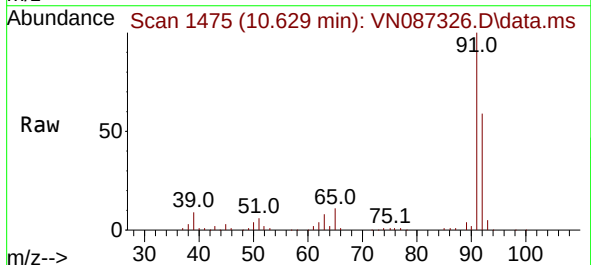


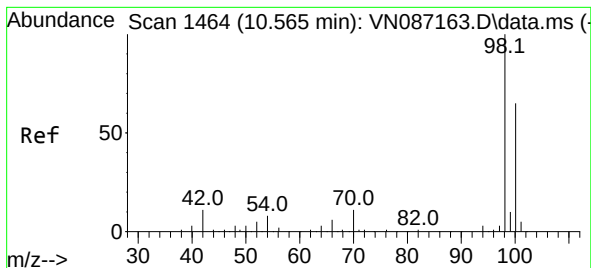
Tgt Ion:164 Resp: 42579
Ion Ratio Lower Upper
164 100
166 123.0 105.4 158.2
129 101.3 77.9 116.9
131 91.2 71.9 107.9



#62
Toluene
Concen: 18.686 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

Tgt Ion: 91 Resp: 216415
Ion Ratio Lower Upper
91 100
92 57.2 45.8 68.8





#63

Toluene-d8

Concen: 29.475 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN087326.D

Acq: 10 Jul 2025 15:56

Instrument :

MSVOA_N

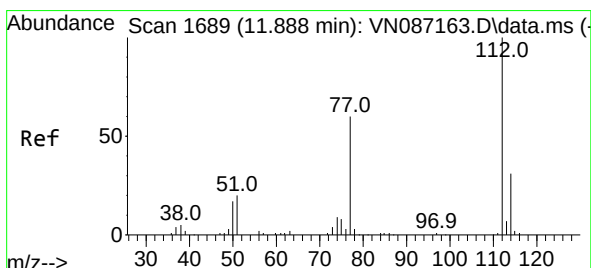
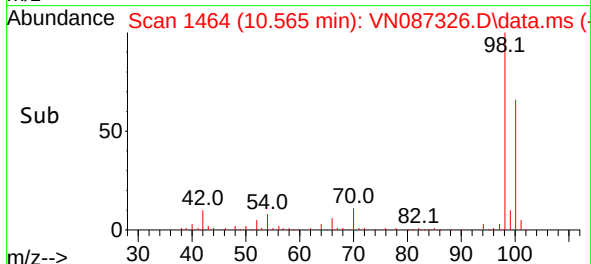
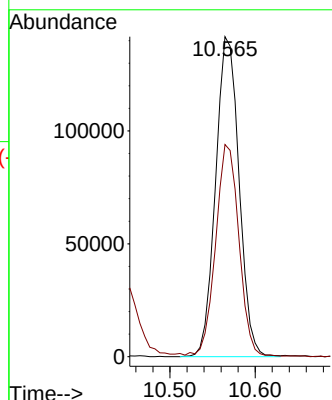
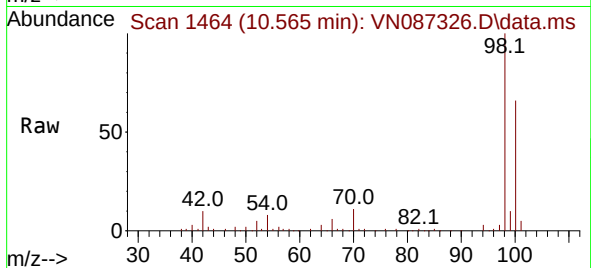
ClientSampleId :

Tgt Ion: 98 Resp: 271377

Ion Ratio Lower Upper

98 100

100 65.5 52.5 78.7



#64

Chlorobenzene

Concen: 20.027 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. -0.000 min

Lab File: VN087326.D

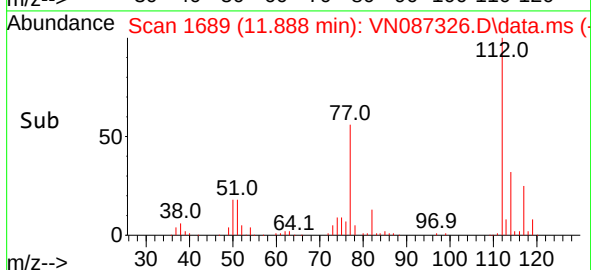
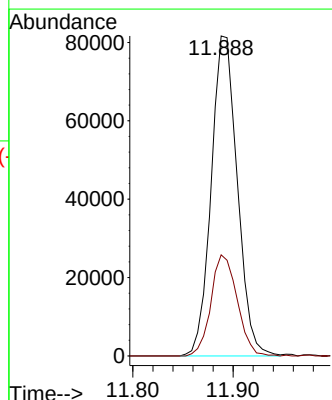
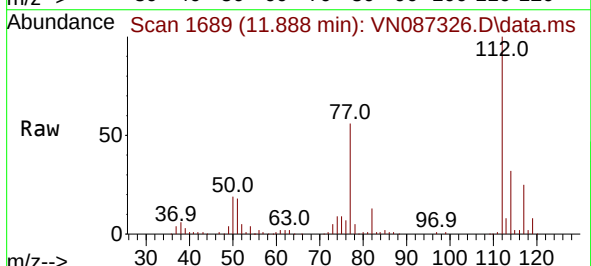
Acq: 10 Jul 2025 15:56

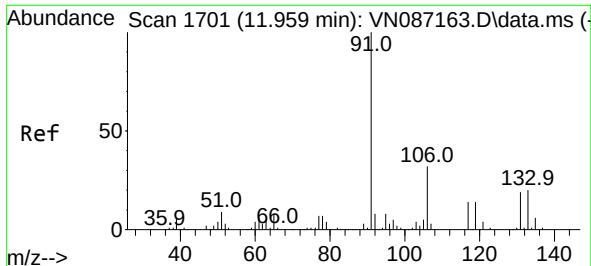
Tgt Ion: 112 Resp: 147952

Ion Ratio Lower Upper

112 100

114 31.6 25.0 37.4

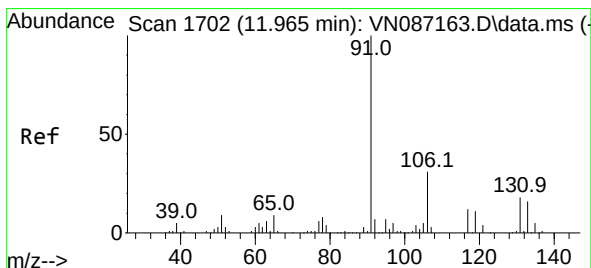
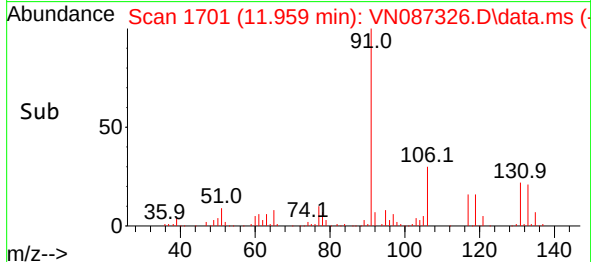
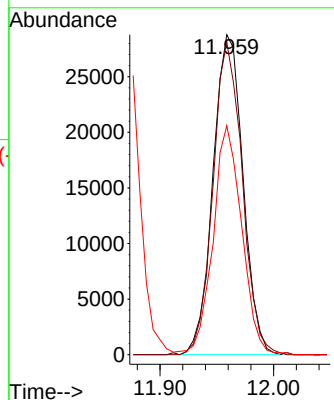
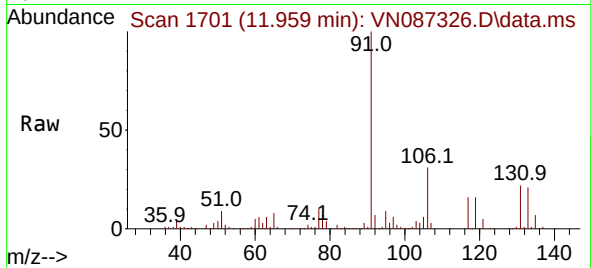




#65
 1,1,1,2-Tetrachloroethane
 Concen: 21.605 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: VN087326.D
 Acq: 10 Jul 2025 15:56

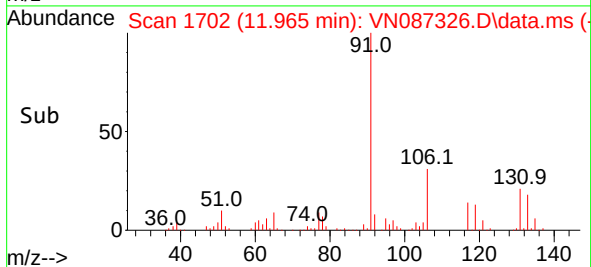
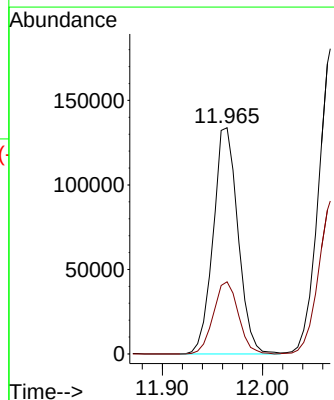
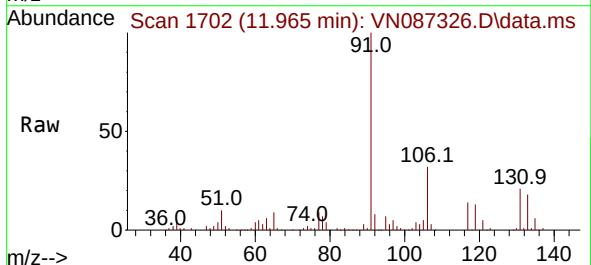
Instrument :
 MSVOA_N
 ClientSampleId :

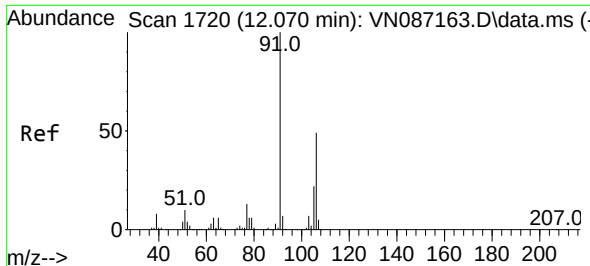
Tgt Ion:131 Resp: 52738
 Ion Ratio Lower Upper
 131 100
 133 95.7 0.0 187.8
 119 68.5 0.0 140.0



#66
 Ethyl Benzene
 Concen: 18.163 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. -0.000 min
 Lab File: VN087326.D
 Acq: 10 Jul 2025 15:56

Tgt Ion: 91 Resp: 230247
 Ion Ratio Lower Upper
 91 100
 106 31.9 24.8 37.2

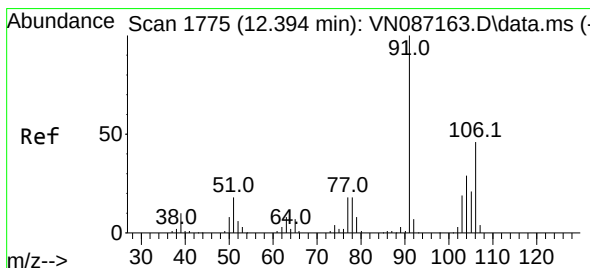
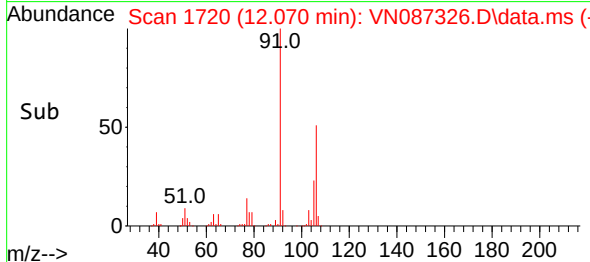
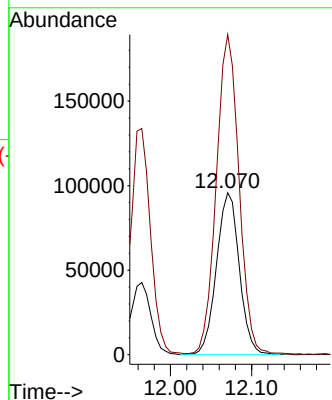
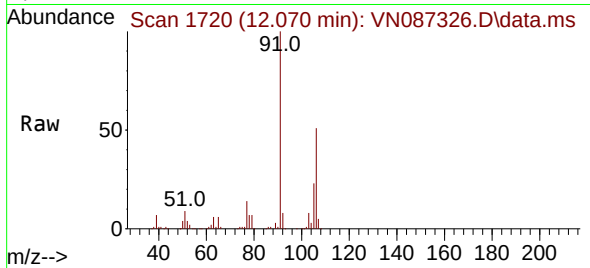




#67
m/p-Xylenes
Concen: 38.557 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

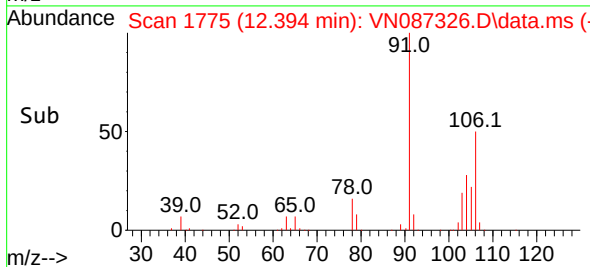
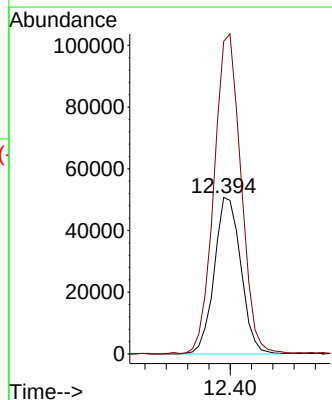
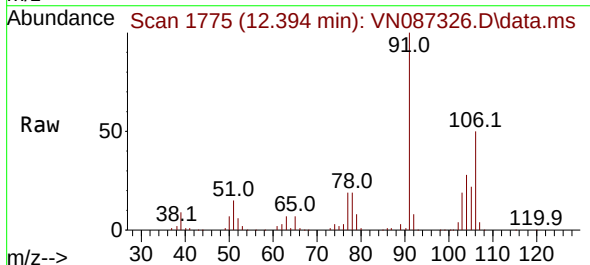
Instrument :
MSVOA_N
ClientSampleId :

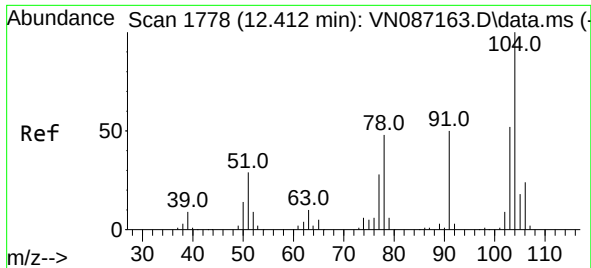
Tgt Ion:106 Resp: 187297
Ion Ratio Lower Upper
106 100
91 196.3 163.0 244.4



#68
o-Xylene
Concen: 18.933 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

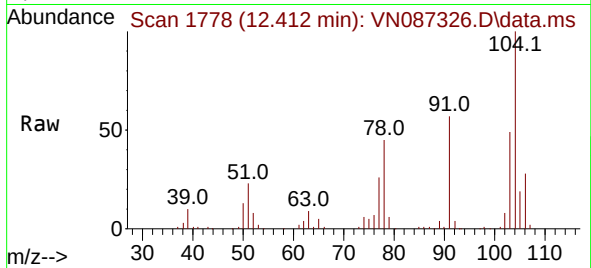
Tgt Ion:106 Resp: 87745
Ion Ratio Lower Upper
106 100
91 206.7 107.1 321.1



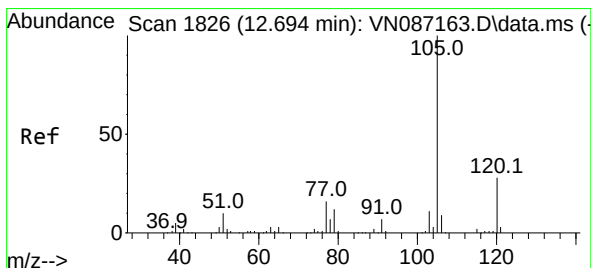
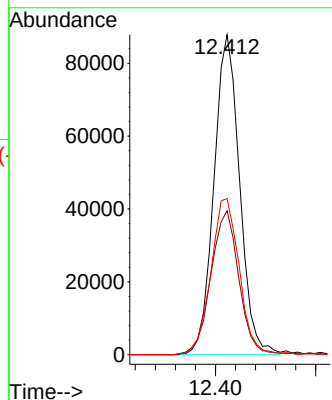
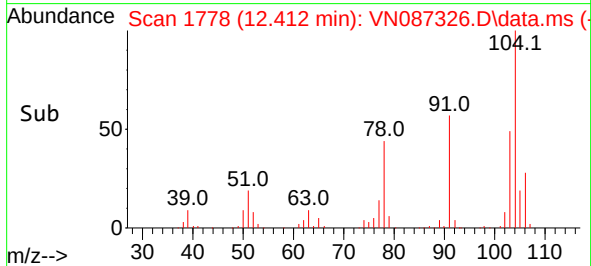


#69
Styrene
Concen: 19.579 ug/l
RT: 12.412 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

Instrument :
MSVOA_N
ClientSampleId :

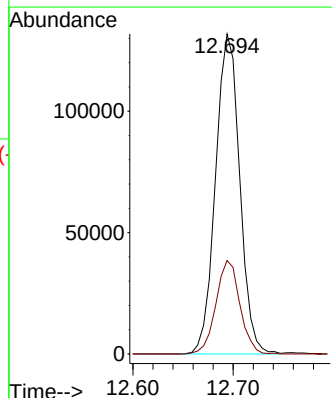
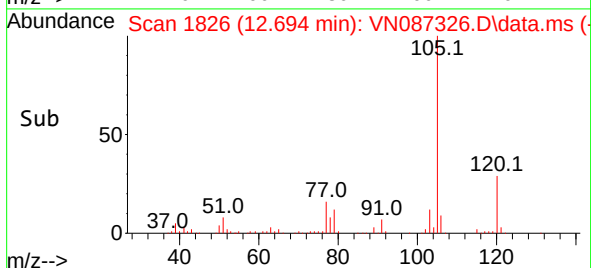
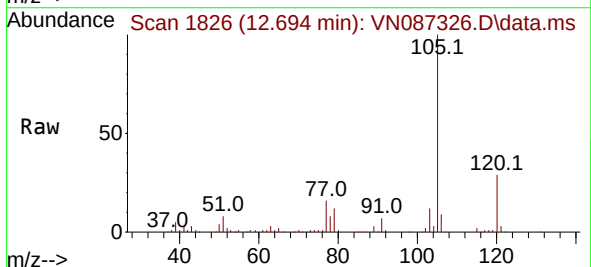


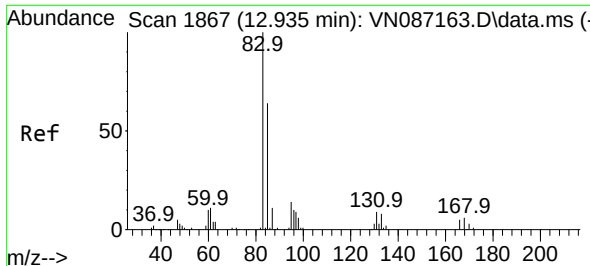
Tgt Ion:104 Resp: 155779
Ion Ratio Lower Upper
104 100
78 49.0 39.8 59.8
103 53.8 44.2 66.4



#70
Isopropylbenzene
Concen: 19.100 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

Tgt Ion:105 Resp: 220451
Ion Ratio Lower Upper
105 100
120 28.8 19.0 35.2

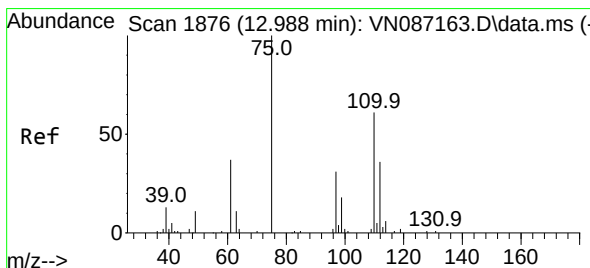
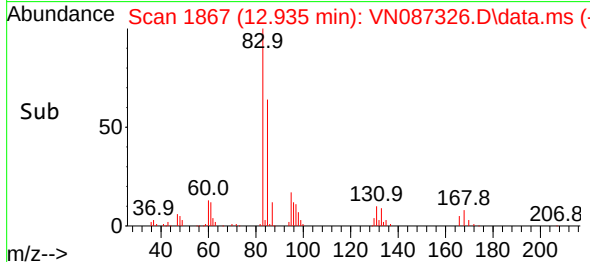
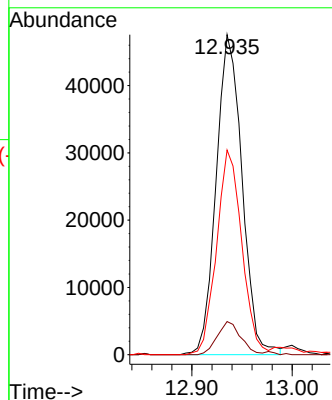
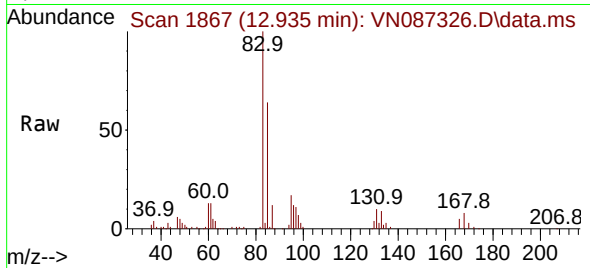




#71
1,1,2,2-Tetrachloroethane
Concen: 20.578 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

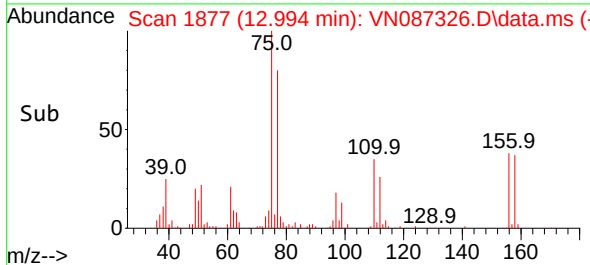
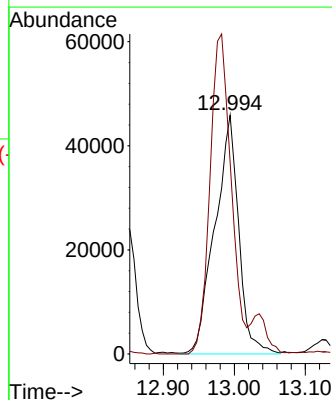
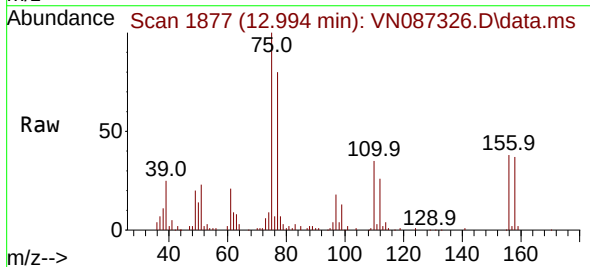
Instrument :
MSVOA_N
ClientSampleId :

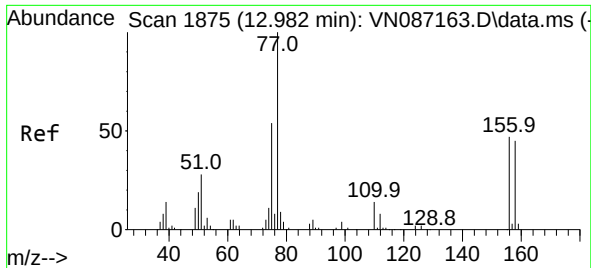
Tgt Ion: 83 Resp: 85492
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.4
85 62.2 31.3 93.9



#72
1,2,3-Trichloropropane
Concen: 29.770 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

Tgt Ion: 75 Resp: 106655
Ion Ratio Lower Upper
75 100
77 119.1 0.0 379.2

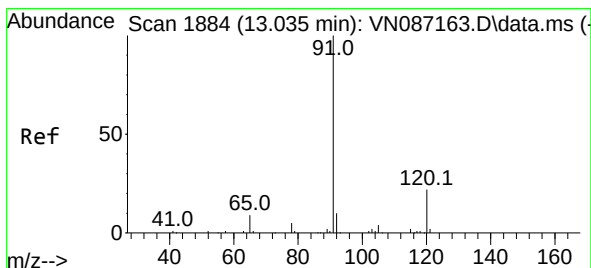
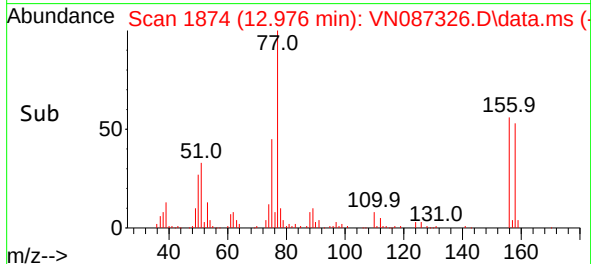
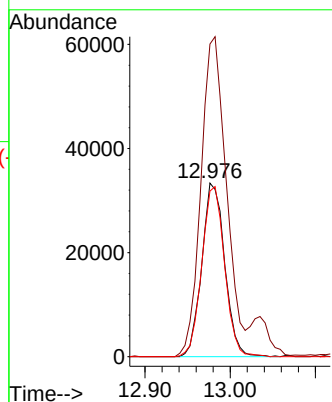
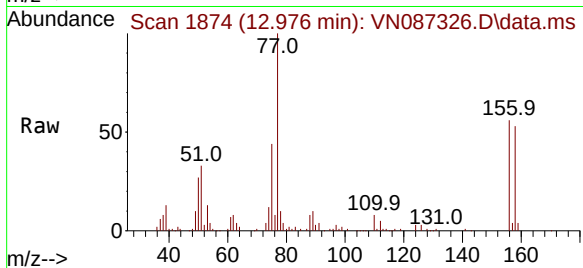




#73
Bromobenzene
Concen: 22.231 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

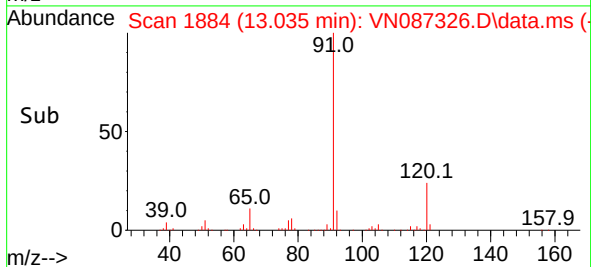
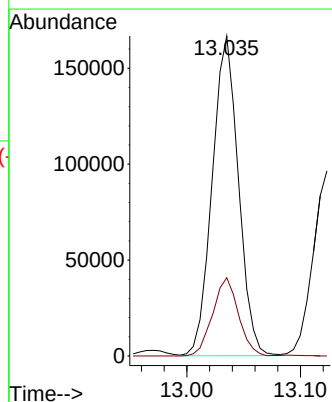
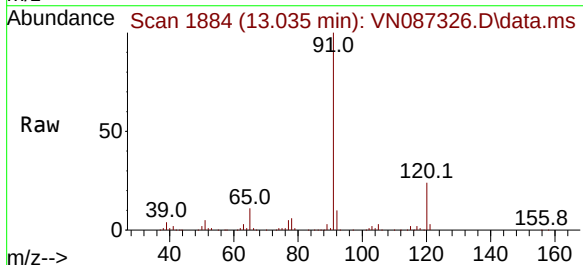
Instrument :
MSVOA_N
ClientSampleId :

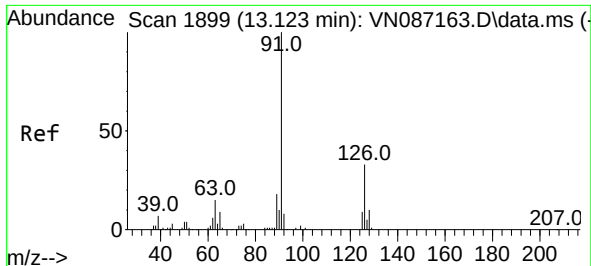
Tgt Ion:156 Resp: 62244
Ion Ratio Lower Upper
156 100
77 204.1 0.0 489.0
158 97.4 0.0 195.2



#74
n-propylbenzene
Concen: 18.957 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

Tgt Ion: 91 Resp: 267303
Ion Ratio Lower Upper
91 100
120 24.0 0.0 43.6

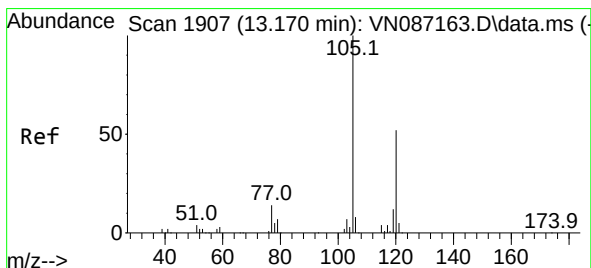
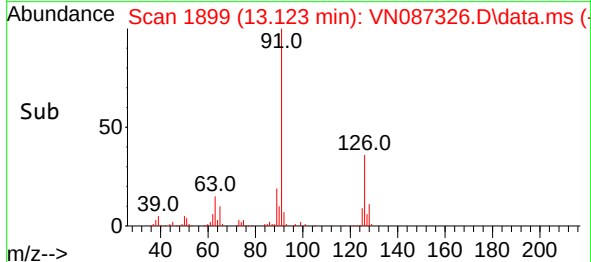
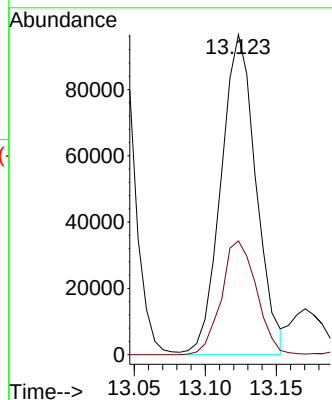
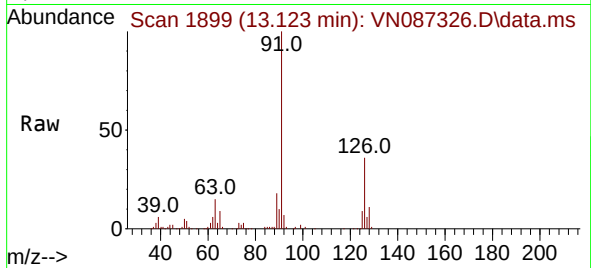




#75
2-Chlorotoluene
Concen: 19.426 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

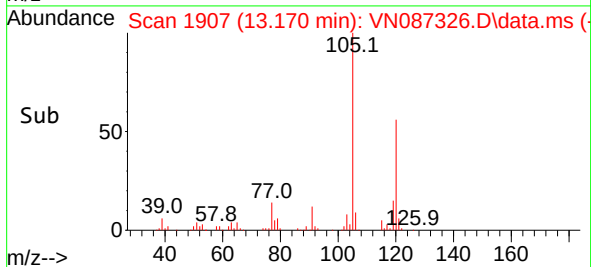
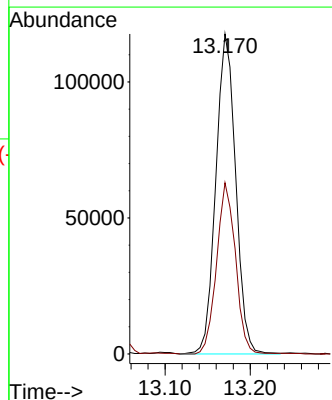
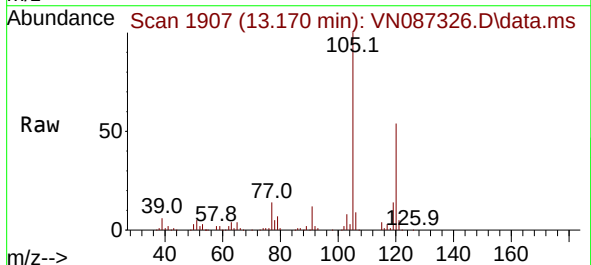
Instrument :
MSVOA_N
ClientSampleId :

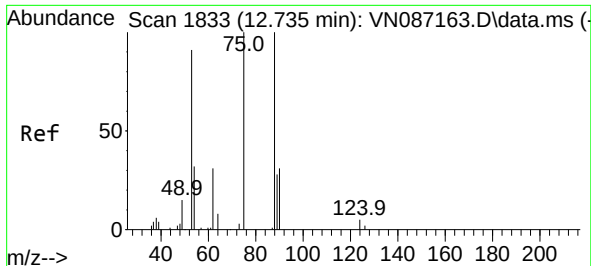
Tgt Ion: 91 Resp: 165493
Ion Ratio Lower Upper
91 100
126 35.7 0.0 63.8



#76
1,3,5-Trimethylbenzene
Concen: 20.294 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

Tgt Ion:105 Resp: 190689
Ion Ratio Lower Upper
105 100
120 50.9 0.0 100.8





#77

t-1,4-Dichloro-2-butene

Concen: 16.285 ug/l

RT: 12.741 min Scan# 1834

Delta R.T. 0.006 min

Lab File: VN087326.D

Acq: 10 Jul 2025 15:56

Instrument :

MSVOA_N

ClientSampleId :

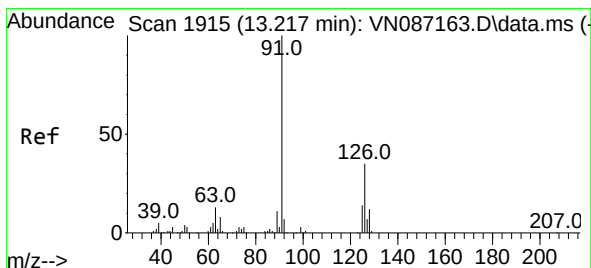
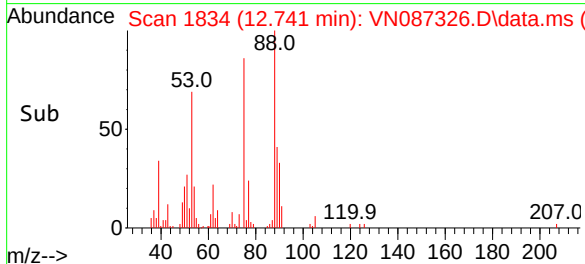
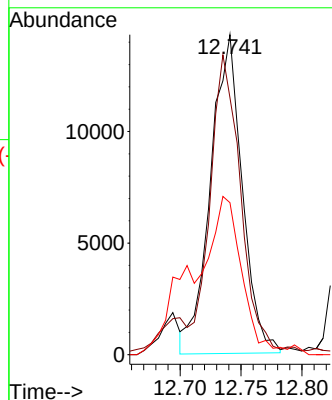
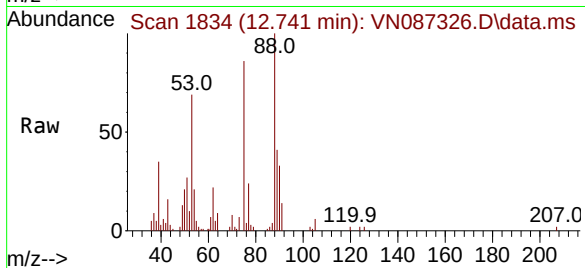
Tgt Ion: 75 Resp: 25880

Ion Ratio Lower Upper

75 100

53 79.8 45.9 137.6

89 45.9 22.3 66.9



#78

4-Chlorotoluene

Concen: 19.807 ug/l

RT: 13.217 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VN087326.D

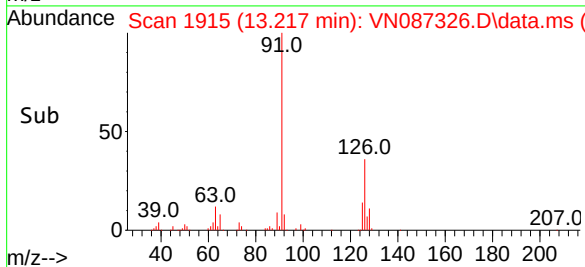
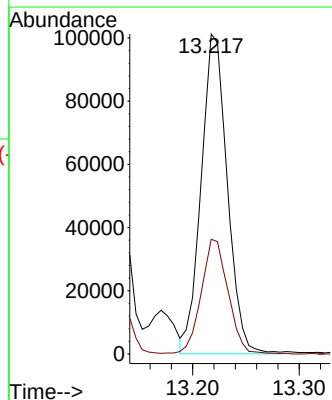
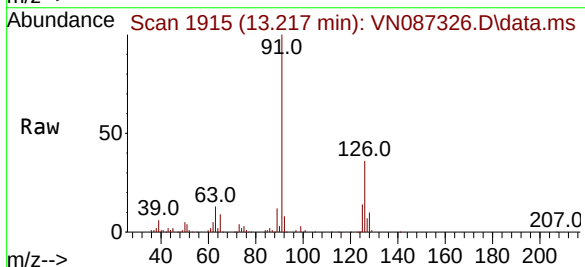
Acq: 10 Jul 2025 15:56

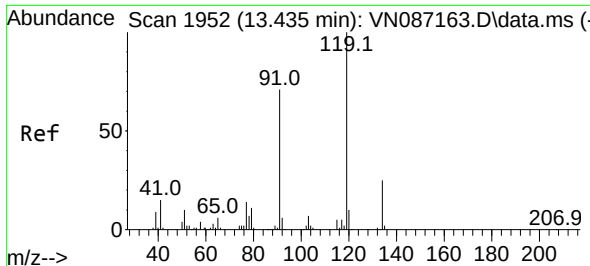
Tgt Ion: 91 Resp: 172819

Ion Ratio Lower Upper

91 100

126 36.9 0.0 65.2

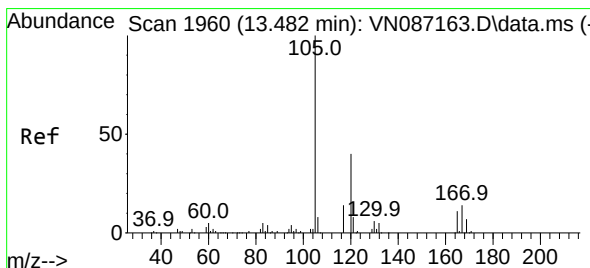
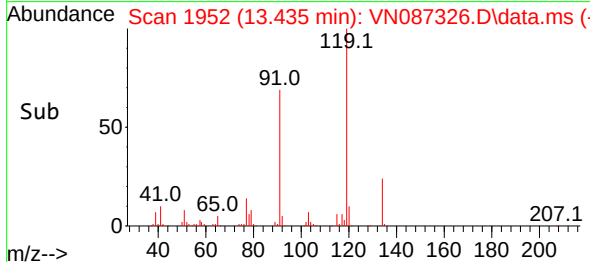
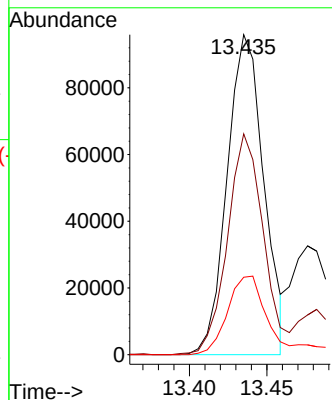
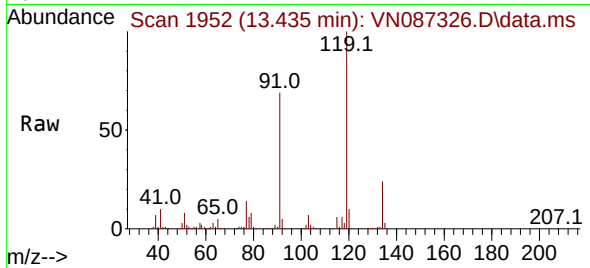




#79
tert-butylbenzene
Concen: 19.972 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

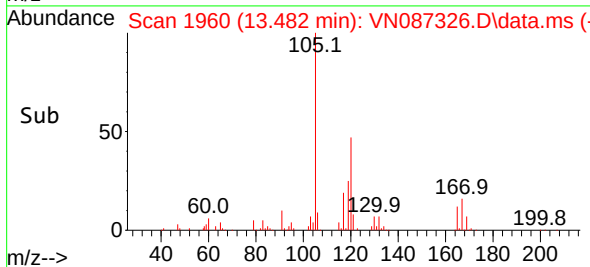
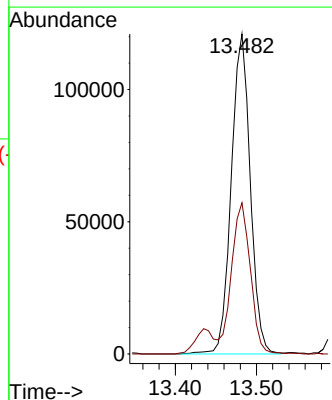
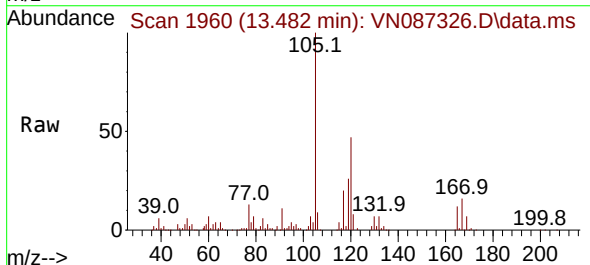
Instrument :
MSVOA_N
ClientSampleId :

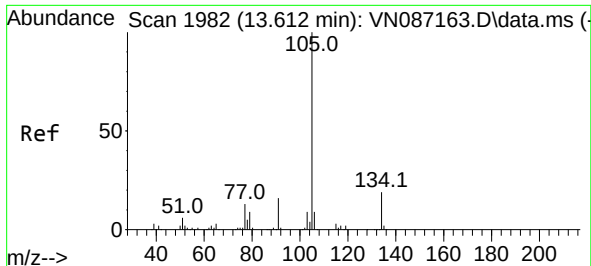
Tgt Ion:119 Resp: 157744
Ion Ratio Lower Upper
119 100
91 68.0 0.0 137.0
134 25.5 0.0 49.4



#80
1,2,4-Trimethylbenzene
Concen: 20.816 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

Tgt Ion:105 Resp: 196410
Ion Ratio Lower Upper
105 100
120 46.7 0.0 94.0

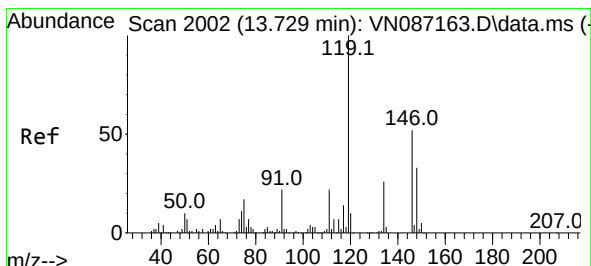
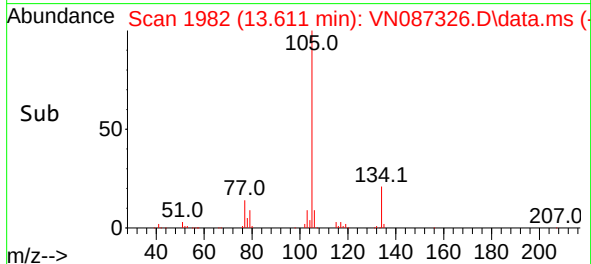
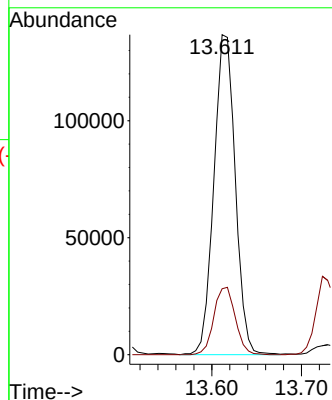
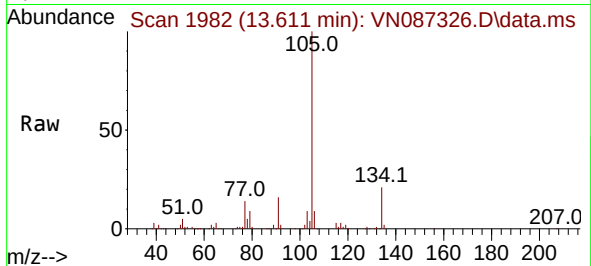




#81
 sec-Butylbenzene
 Concen: 19.736 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN087326.D
 Acq: 10 Jul 2025 15:56

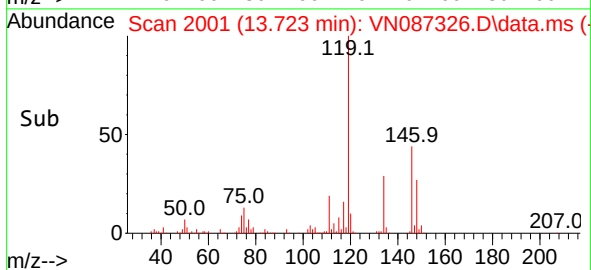
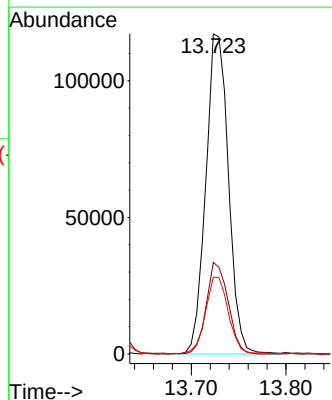
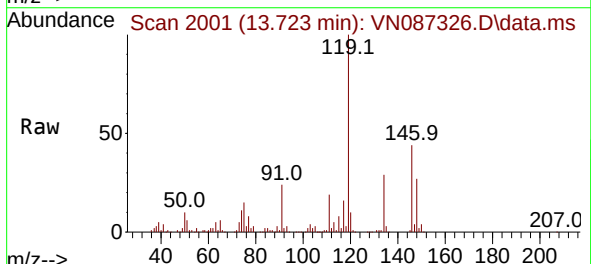
Instrument :
 MSVOA_N
 ClientSampleId :

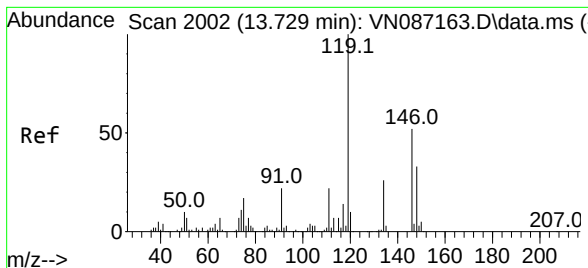
Tgt Ion:105 Resp: 226606
 Ion Ratio Lower Upper
 105 100
 134 21.1 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 20.400 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN087326.D
 Acq: 10 Jul 2025 15:56

Tgt Ion:119 Resp: 194920
 Ion Ratio Lower Upper
 119 100
 134 27.4 0.0 51.2
 91 23.8 0.0 46.4





#83

1,3-Dichlorobenzene

Concen: 22.198 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN087326.D

Acq: 10 Jul 2025 15:56

Instrument :

MSVOA_N

ClientSampleId :

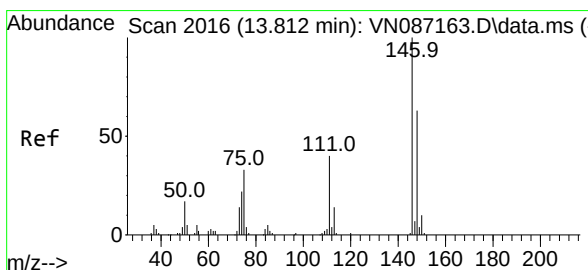
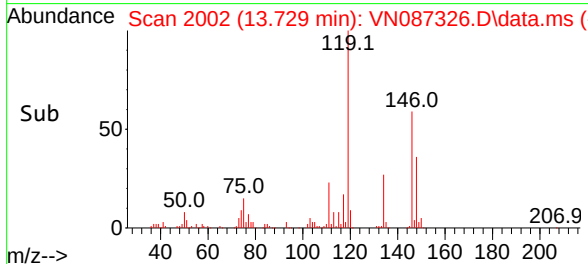
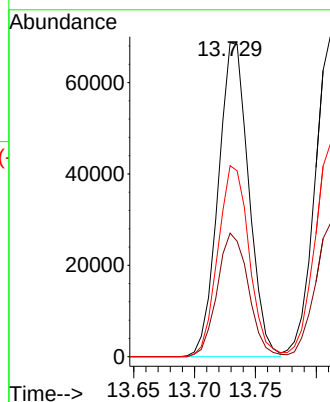
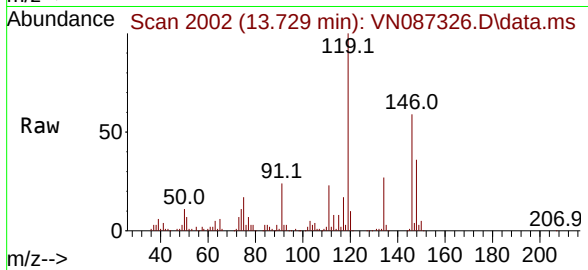
Tgt Ion:146 Resp: 119682

Ion Ratio Lower Upper

146 100

111 40.3 21.1 63.3

148 62.3 31.6 94.8



#84

1,4-Dichlorobenzene

Concen: 21.976 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN087326.D

Acq: 10 Jul 2025 15:56

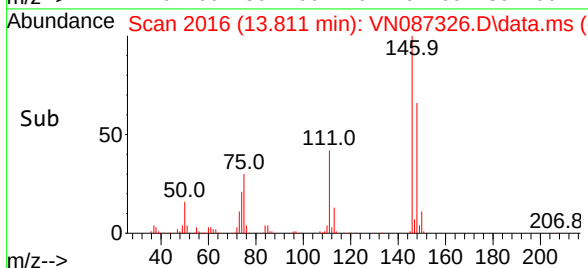
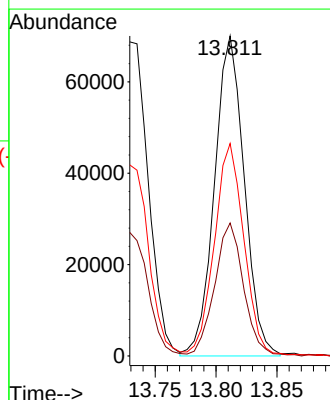
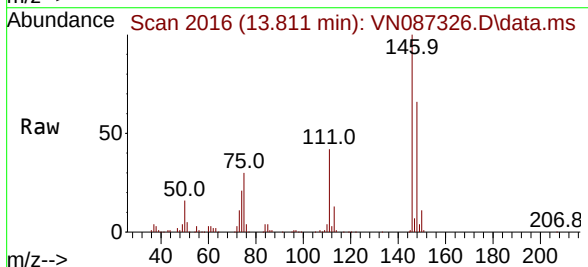
Tgt Ion:146 Resp: 119244

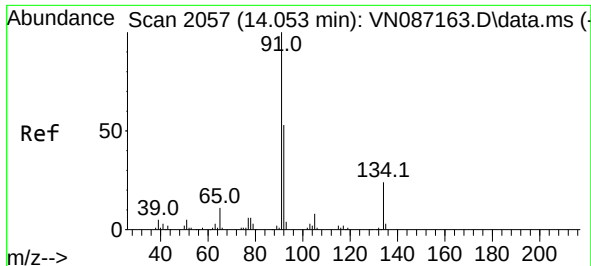
Ion Ratio Lower Upper

146 100

111 40.5 20.1 60.2

148 65.7 31.4 94.2

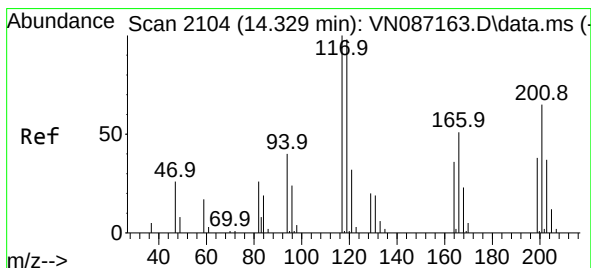
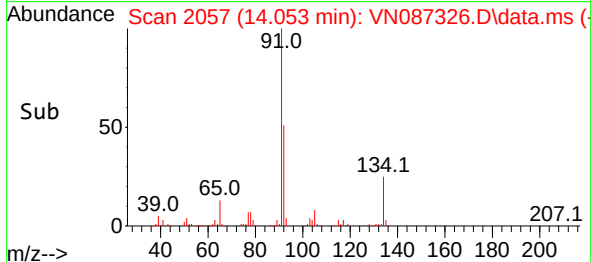
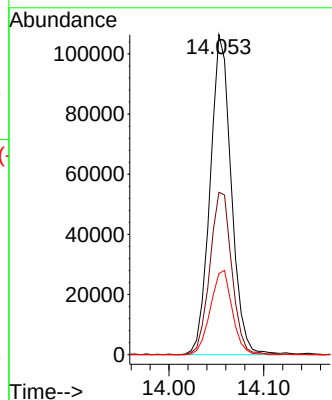
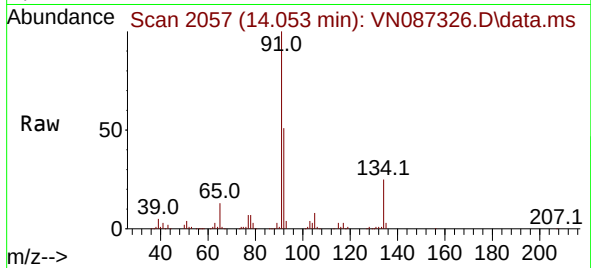




#85
n-Butylbenzene
Concen: 18.938 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

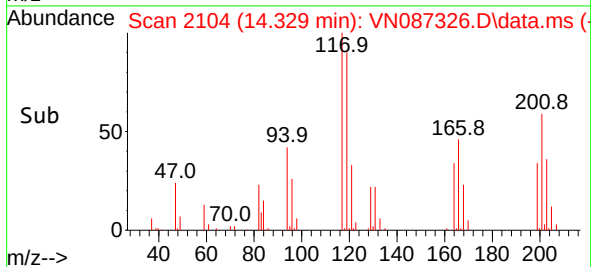
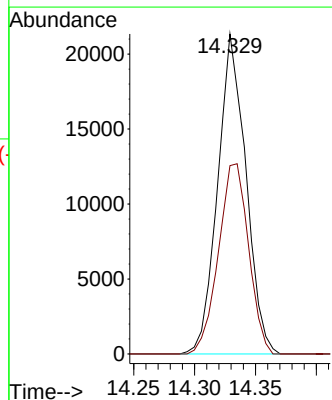
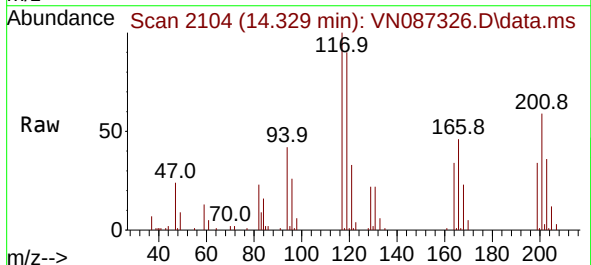
Instrument :
MSVOA_N
ClientSampleId :

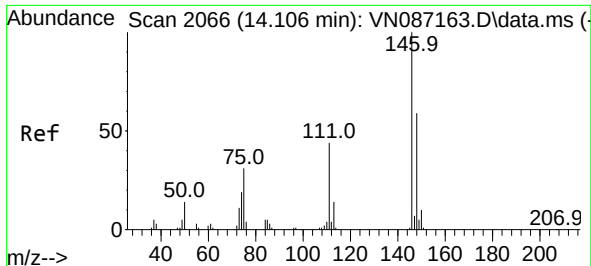
Tgt Ion: 91 Resp: 165102
Ion Ratio Lower Upper
91 100
92 52.5 0.0 106.4
134 27.1 0.0 48.8



#86
Hexachloroethane
Concen: 19.013 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

Tgt Ion: 117 Resp: 34389
Ion Ratio Lower Upper
117 100
201 63.5 30.8 92.3

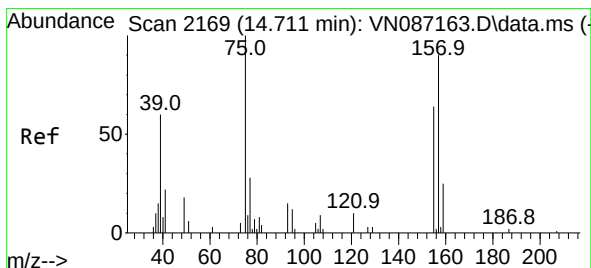
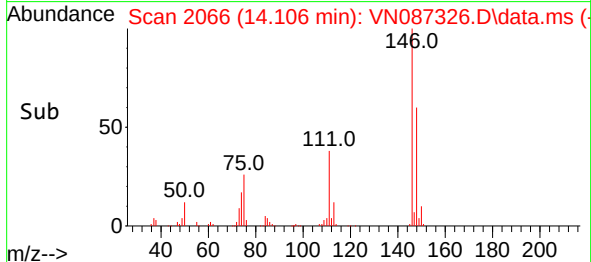
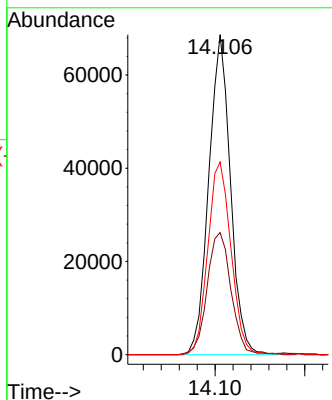
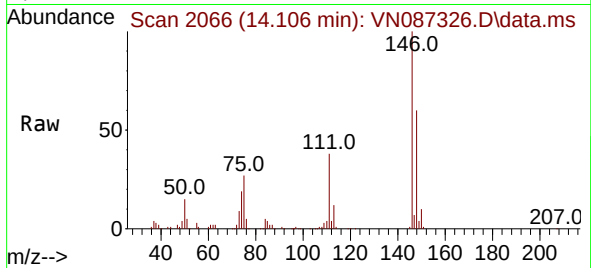




#87
1,2-Dichlorobenzene
Concen: 22.649 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

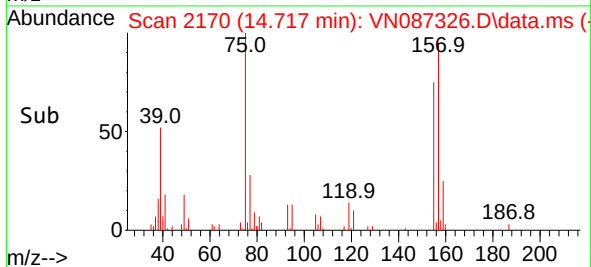
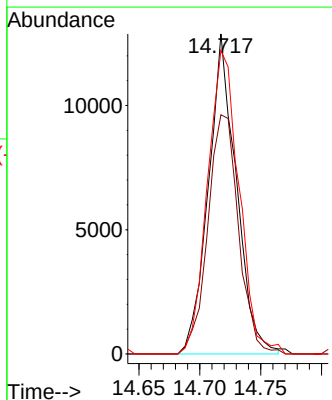
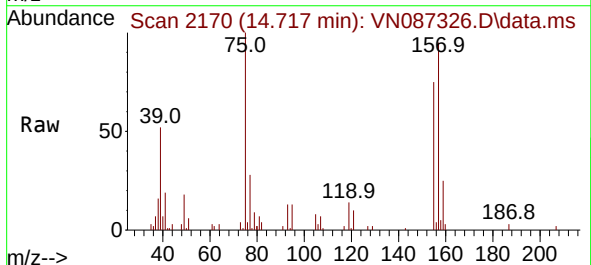
Instrument :
MSVOA_N
ClientSampleId :

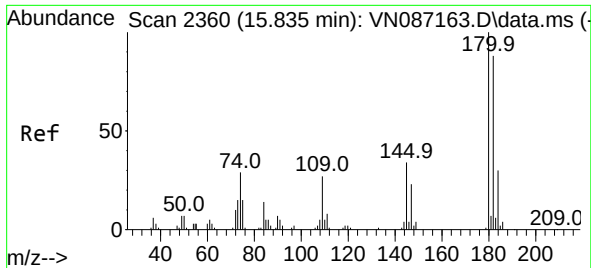
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	22.1	66.1
148	64.2	31.6	95.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 21.884 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN087326.D
Acq: 10 Jul 2025 15:56

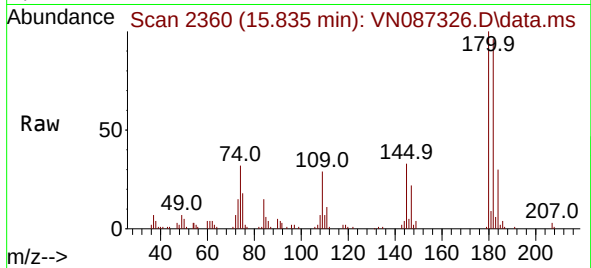
Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.4	58.3	87.5
157	107.0	79.2	118.8



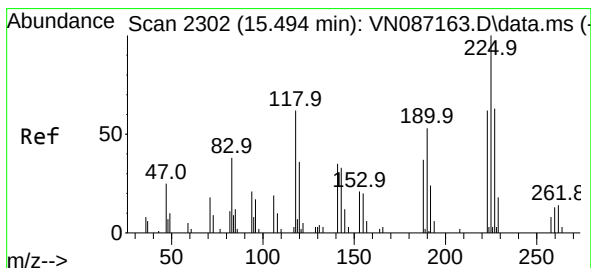
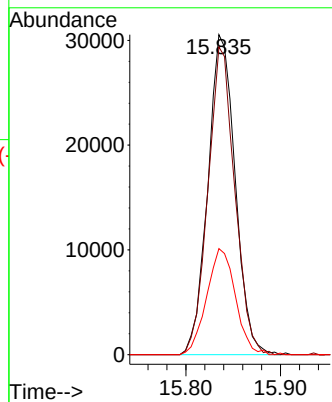
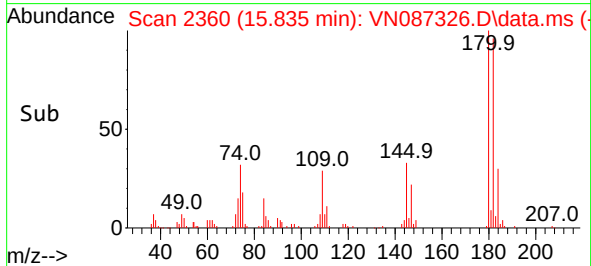


#89
 1,2,4-Trichlorobenzene
 Concen: 21.336 ug/l
 RT: 15.835 min Scan# 2136
 Delta R.T. -0.000 min
 Lab File: VN087326.D
 Acq: 10 Jul 2025 15:56

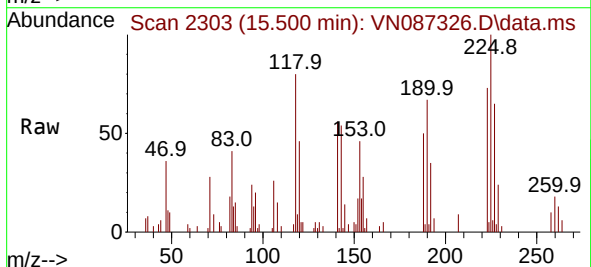
Instrument :
 MSVOA_N
 ClientSampleId :



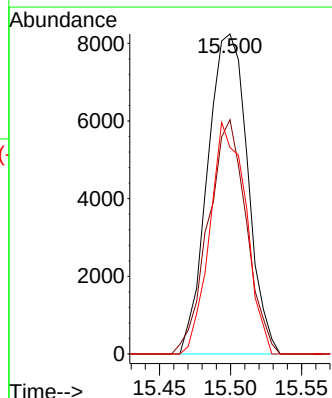
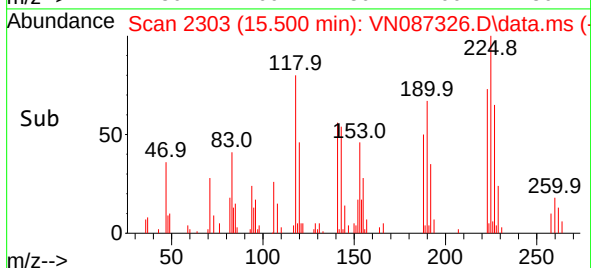
Tgt Ion:180 Resp: 61366
 Ion Ratio Lower Upper
 180 100
 182 94.2 74.2 111.2
 145 34.6 27.6 41.4

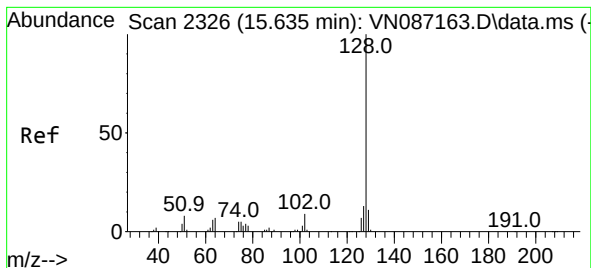


#90
 Hexachlorobutadiene
 Concen: 18.967 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. 0.006 min
 Lab File: VN087326.D
 Acq: 10 Jul 2025 15:56



Tgt Ion:225 Resp: 16188
 Ion Ratio Lower Upper
 225 100
 223 69.6 0.0 134.2
 227 64.8 0.0 122.6





#91

Naphthalene

Concen: 20.505 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.000 min

Lab File: VN087326.D

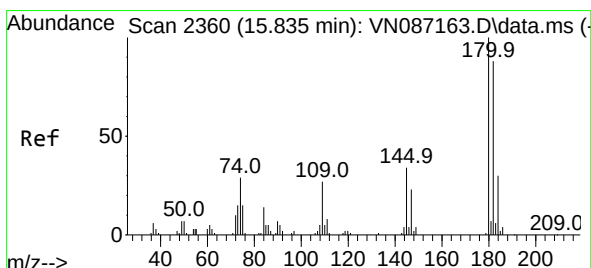
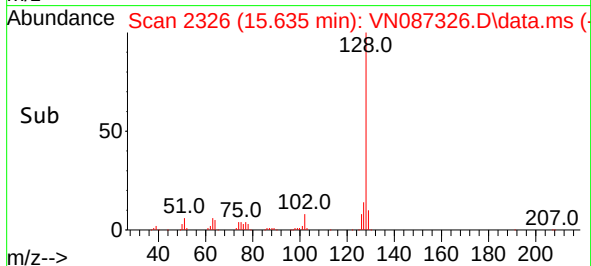
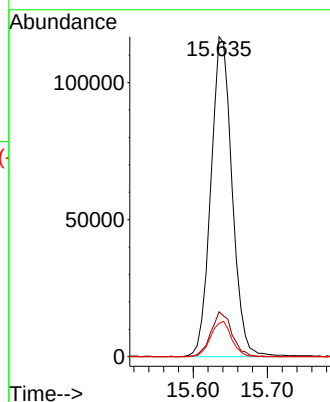
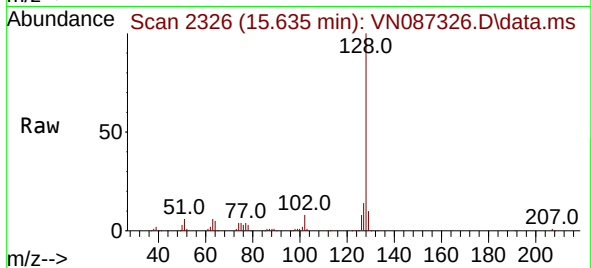
Acq: 10 Jul 2025 15:56

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	128	Resp:	232106
Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.6	15.8
129	10.8	8.8	13.2



#92

1,2,3-Trichlorobenzene

Concen: 21.336 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN087326.D

Acq: 10 Jul 2025 15:56

Tgt Ion:	180	Resp:	61366
Ion	Ratio	Lower	Upper
180	100		
182	94.2	0.0	185.4
145	34.6	0.0	69.0

