

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082125\
 Data File : VN087619.D
 Acq On : 21 Aug 2025 12:09
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Aug 22 02:28:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:09:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	214194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	425894	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	384310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	174637	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.553	65	4753	1.083	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	2.160%#
35) Dibromofluoromethane	8.147	113	2956	0.961	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	1.920%#
50) Toluene-d8	10.541	98	10532	0.915	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	1.840%#
62) 4-Bromofluorobenzene	12.823	95	4202	1.027	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	2.060%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	3030	0.996	ug/l	75
3) Chloromethane	2.389	50	3165	1.012	ug/l #	87
4) Vinyl Chloride	2.542	62	3896	1.075	ug/l	98
5) Bromomethane	2.995	94	2568	1.373	ug/l #	57
6) Chloroethane	3.142	64	3113	1.222	ug/l	89
7) Trichlorofluoromethane	3.518	101	5667	1.067	ug/l	88
8) Diethyl Ether	3.965	74	1781	0.770	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	4.371	101	3764	1.253	ug/l #	68
10) Methyl Iodide	4.583	142	1087	7.229	ug/l #	84
11) Tert butyl alcohol	5.500	59	2346	3.079	ug/l #	71
12) 1,1-Dichloroethene	4.353	96	3823	1.238	ug/l #	55
13) Acrolein	4.171	56	7191	7.678	ug/l	99
14) Allyl chloride	5.024	41	6754	1.207	ug/l #	70
15) Acrylonitrile	5.706	53	11893	5.535	ug/l #	90
16) Acetone	4.424	43	13568	5.679	ug/l #	75
17) Carbon Disulfide	4.700	76	9734	1.145	ug/l #	90
18) Methyl Acetate	5.012	43	4353	0.870	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	12249	1.057	ug/l	91
20) Methylene Chloride	5.277	84	6402	0.627	ug/l #	57
21) trans-1,2-Dichloroethene	5.777	96	4079	1.219	ug/l	93
22) Diisopropyl ether	6.665	45	12751	1.056	ug/l #	76
23) Vinyl Acetate	6.588	43	56320	5.126	ug/l #	90
24) 1,1-Dichloroethane	6.541	63	7704	1.163	ug/l #	94
25) 2-Butanone	7.471	43	16779	5.338	ug/l	95
26) 2,2-Dichloropropane	7.477	77	6425	1.131	ug/l	77
27) cis-1,2-Dichloroethene	7.477	96	4272	1.068	ug/l	94
28) Bromochloromethane	7.794	49	3426	1.070	ug/l #	91
29) Tetrahydrofuran	7.830	42	11129	5.502	ug/l	98
30) Chloroform	7.953	83	7183	1.063	ug/l	97
31) Cyclohexane	8.206	56	12276	2.224	ug/l #	37
32) 1,1,1-Trichloroethane	8.159	97	6468	1.129	ug/l #	52
36) 1,1-Dichloropropene	8.353	75	5965	1.264	ug/l	90
37) Ethyl Acetate	7.547	43	5266	0.817	ug/l #	93
38) Carbon Tetrachloride	8.347	117	4866	1.045	ug/l	90
39) Methylcyclohexane	9.582	83	5843	1.125	ug/l #	87
40) Benzene	8.588	78	15783	1.091	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	3967	1.188	ug/l #	71
42) 1,2-Dichloroethane	8.659	62	6078	1.093	ug/l	95
43) Isopropyl Acetate	8.677	43	10524	1.046	ug/l #	64
44) Trichloroethene	9.329	130	3709	1.123	ug/l	96
45) 1,2-Dichloropropane	9.594	63	4636	1.216	ug/l	96
46) Dibromomethane	9.694	93	2989	1.101	ug/l	96
47) Bromodichloromethane	9.871	83	5845	1.051	ug/l #	90
48) Methyl methacrylate	9.671	41	5091	1.069	ug/l	94
49) 1,4-Dioxane	9.700	88	1008	16.337	ug/l #	13
51) 4-Methyl-2-Pentanone	10.423	43	29834	4.913	ug/l	99
52) Toluene	10.606	92	9776	1.090	ug/l	92
53) t-1,3-Dichloropropene	10.818	75	5278	0.917	ug/l #	80
54) cis-1,3-Dichloropropene	10.300	75	6105	1.021	ug/l #	80
55) 1,1,2-Trichloroethane	10.994	97	3739	1.078	ug/l #	87
56) Ethyl methacrylate	10.865	69	4529	0.817	ug/l #	89
57) 1,3-Dichloropropane	11.141	76	6652	1.083	ug/l	90
58) 2-Chloroethyl Vinyl ether	10.141	63	15333	5.109	ug/l	100
59) 2-Hexanone	11.200	43	12564	3.274	ug/l	94
60) Dibromochloromethane	11.347	129	4554	1.133	ug/l	93
61) 1,2-Dibromoethane	11.447	107	3511	0.960	ug/l	93
64) Tetrachloroethene	11.076	164	3433	1.288	ug/l #	84
65) Chlorobenzene	11.876	112	10823	1.132	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.941	131	3009	0.948	ug/l #	64
67) Ethyl Benzene	11.941	91	17159	1.037	ug/l	92
68) m/p-Xylenes	12.047	106	11663	1.921	ug/l	90
69) o-Xylene	12.376	106	5970	1.003	ug/l	100
70) Styrene	12.394	104	8781	0.881	ug/l	97
71) Bromoform	12.559	173	2328	0.956	ug/l #	84
73) Isopropylbenzene	12.676	105	15118	1.071	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.917	83	5198	1.070	ug/l	95
76) 1,2,3-Trichloropropane	12.970	75	6357	1.549	ug/l	72
77) Bromobenzene	12.970	156	3560	1.070	ug/l	96
78) n-propylbenzene	13.017	91	17943	1.032	ug/l	98
79) 2-Chlorotoluene	13.112	91	10167	0.972	ug/l	85
80) 1,3,5-Trimethylbenzene	13.147	105	12525	1.046	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.729	75	1076	0.696	ug/l #	77
82) 4-Chlorotoluene	13.200	91	11708	1.065	ug/l	96
83) tert-Butylbenzene	13.417	119	10175	1.020	ug/l	98
84) 1,2,4-Trimethylbenzene	13.459	105	12231	1.021	ug/l	99
85) sec-Butylbenzene	13.588	105	15591	1.053	ug/l	95
86) p-Isopropyltoluene	13.706	119	12768	1.044	ug/l	98
87) 1,3-Dichlorobenzene	13.717	146	7290	1.113	ug/l	89
88) 1,4-Dichlorobenzene	13.717	146	7290	1.069	ug/l	87
89) n-Butylbenzene	14.029	91	13148	1.083	ug/l	96
90) Hexachloroethane	14.311	117	2591	1.113	ug/l	100
91) 1,2-Dichlorobenzene	14.094	146	6783	1.091	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.694	75	1293	1.120	ug/l	83
93) 1,2,4-Trichlorobenzene	15.376	180	4163	1.115	ug/l	88
94) Hexachlorobutadiene	15.470	225	1637	1.230	ug/l	97
95) Naphthalene	15.617	128	13934	1.054	ug/l	98
96) 1,2,3-Trichlorobenzene	15.811	180	3983	1.091	ug/l	89

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Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:09:28 2025
Response via : Initial Calibration

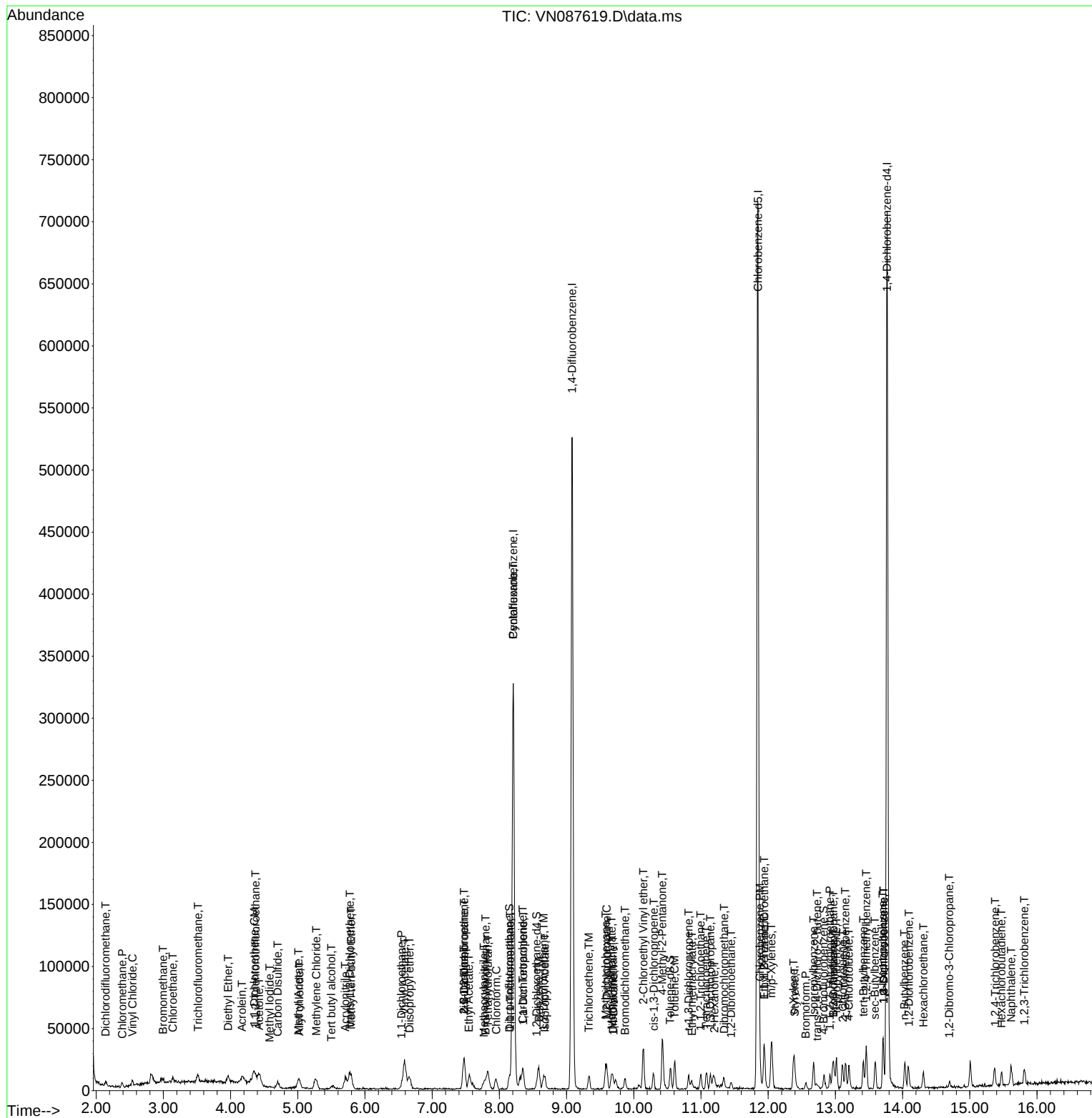
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

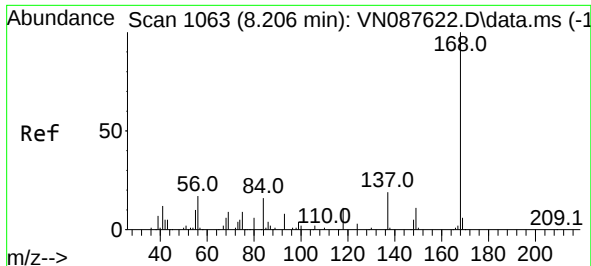
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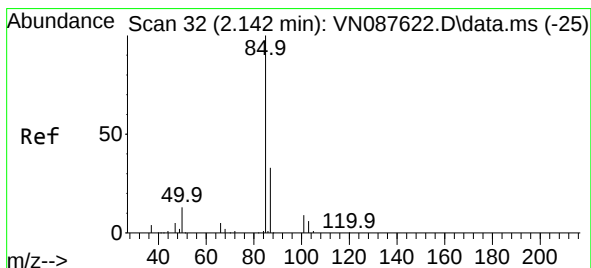
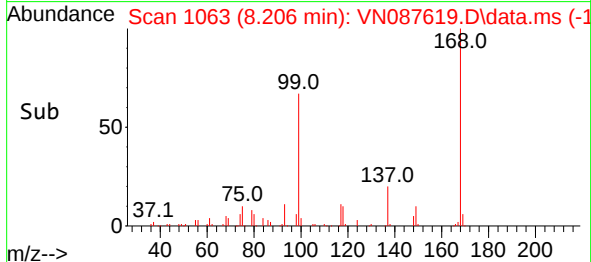
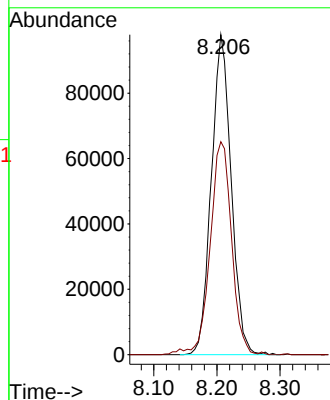
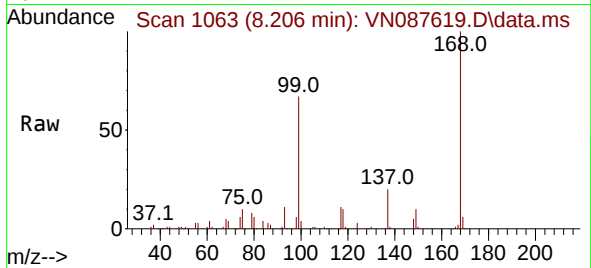




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
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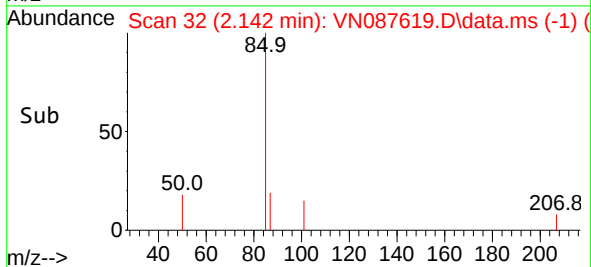
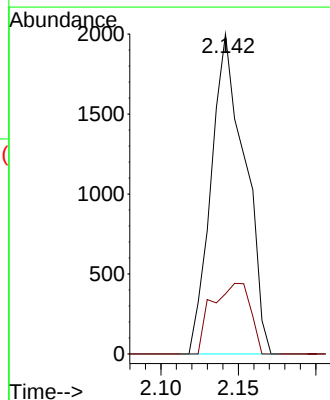
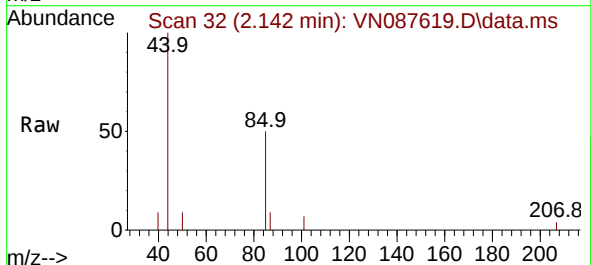
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

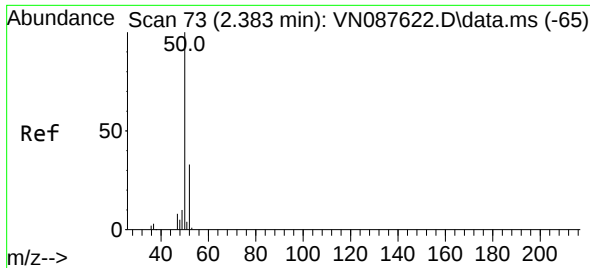
Tgt Ion:168 Resp: 214194
Ion Ratio Lower Upper
168 100
99 66.6 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 0.996 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

Tgt Ion: 85 Resp: 3030
Ion Ratio Lower Upper
85 100
87 18.8 16.6 49.8

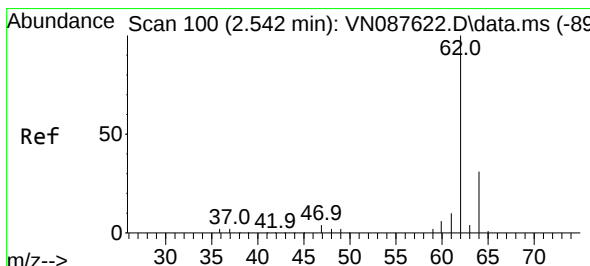
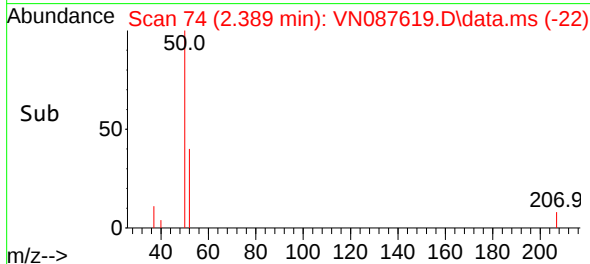
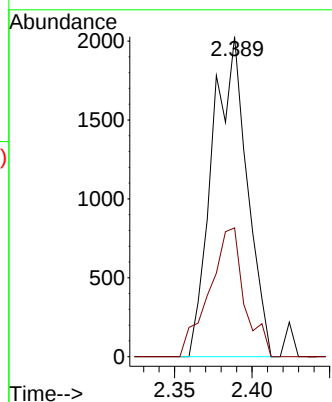
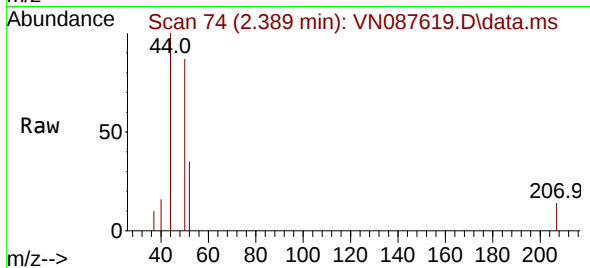




#3
Chloromethane
Concen: 1.012 ug/l
RT: 2.389 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

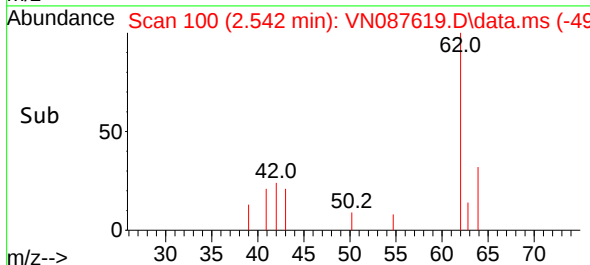
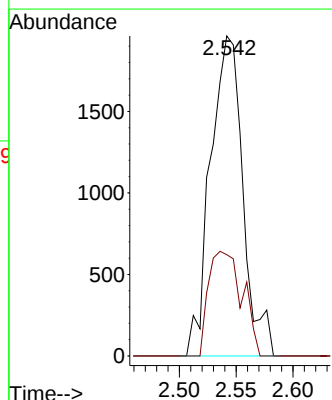
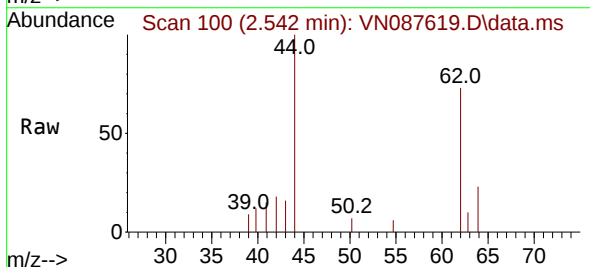
Instrument :
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ClientSampleId :
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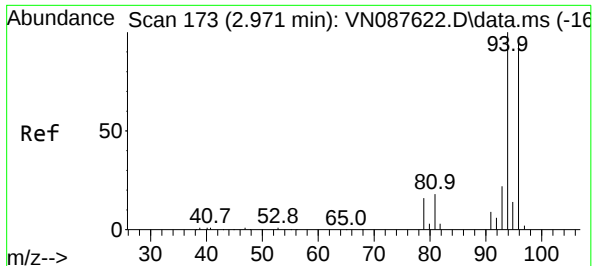
Tgt Ion: 50 Resp: 3165
Ion Ratio Lower Upper
50 100
52 40.2 26.2 39.4#



#4
Vinyl Chloride
Concen: 1.075 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

Tgt Ion: 62 Resp: 3896
Ion Ratio Lower Upper
62 100
64 31.6 24.6 37.0

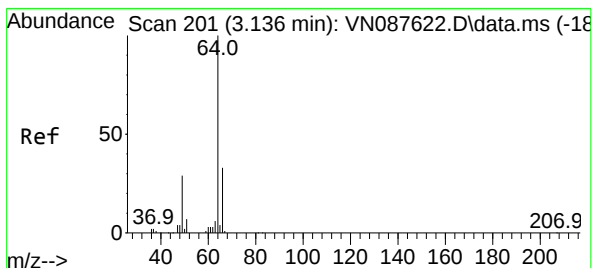
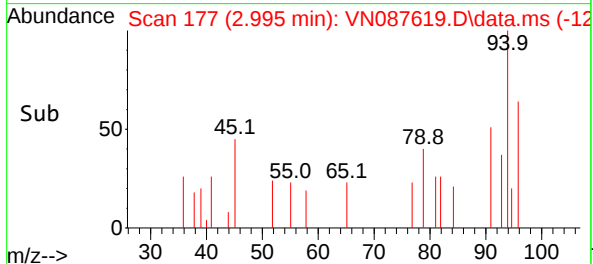
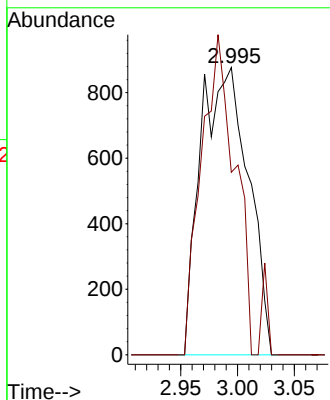
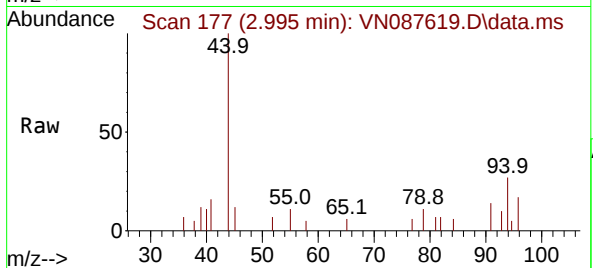




#5
Bromomethane
Concen: 1.373 ug/l
RT: 2.995 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

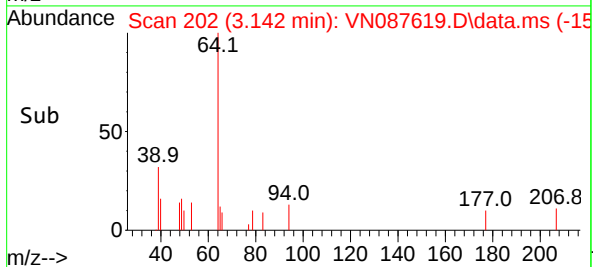
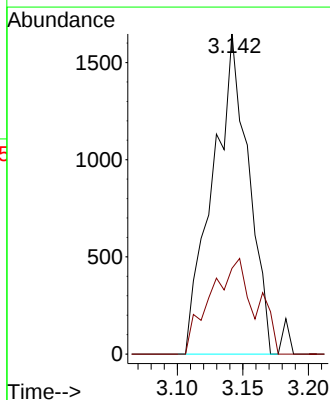
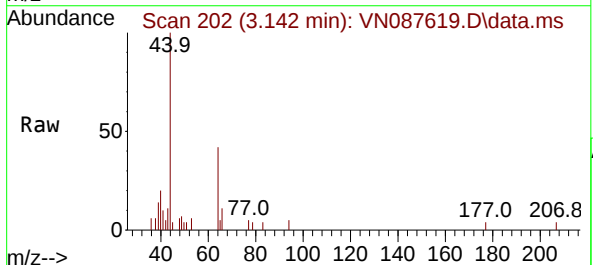
Instrument :
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Tgt Ion: 94 Resp: 2568
Ion Ratio Lower Upper
94 100
96 52.9 75.4 113.2#



#6
Chloroethane
Concen: 1.222 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

Tgt Ion: 64 Resp: 3113
Ion Ratio Lower Upper
64 100
66 26.8 26.2 39.2

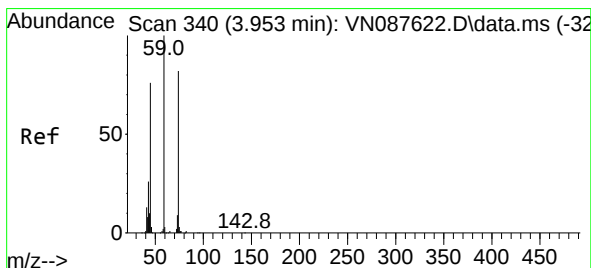
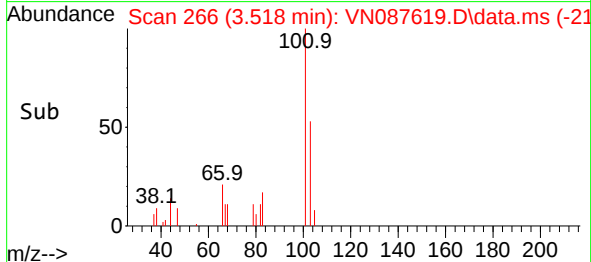
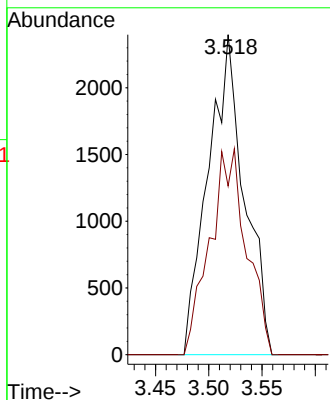
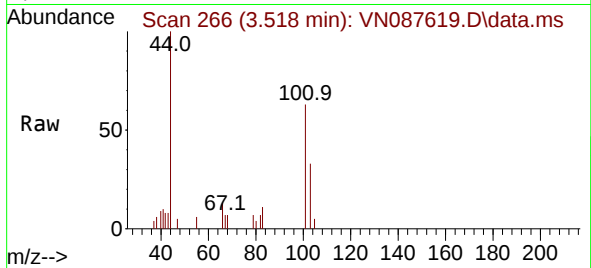




#7
 Trichlorofluoromethane
 Concen: 1.067 ug/l
 RT: 3.518 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN087619.D
 Acq: 21 Aug 2025 12:09

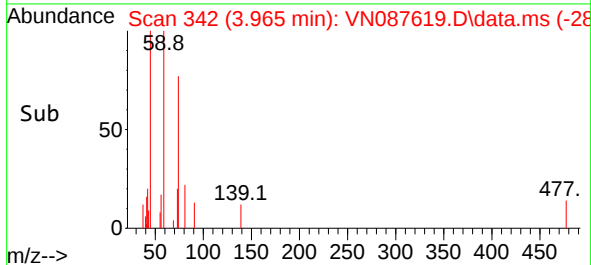
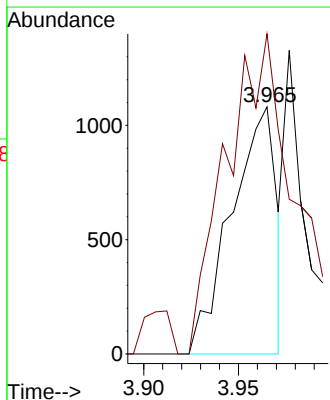
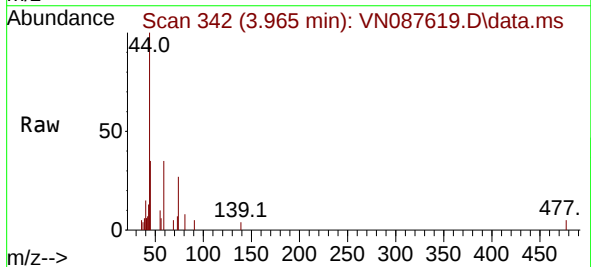
Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:101 Resp: 5667
 Ion Ratio Lower Upper
 101 100
 103 52.7 49.4 74.0



#8
 Diethyl Ether
 Concen: 0.770 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN087619.D
 Acq: 21 Aug 2025 12:09

Tgt Ion: 74 Resp: 1781
 Ion Ratio Lower Upper
 74 100
 45 206.0 50.6 151.9#

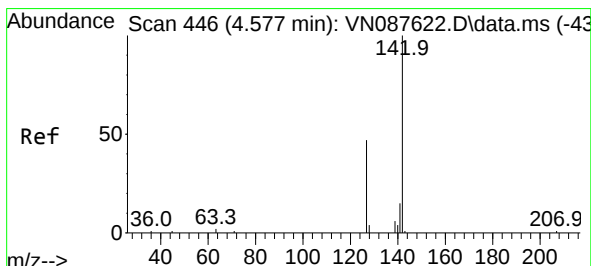
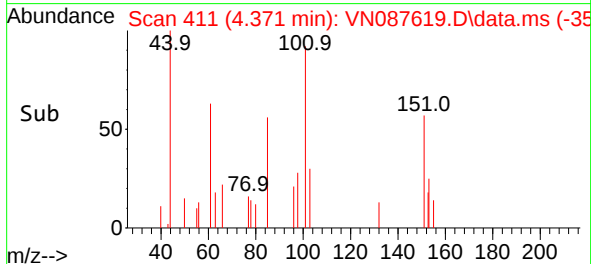
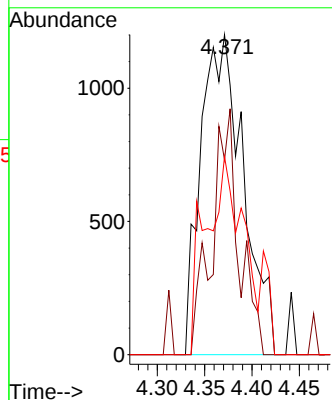
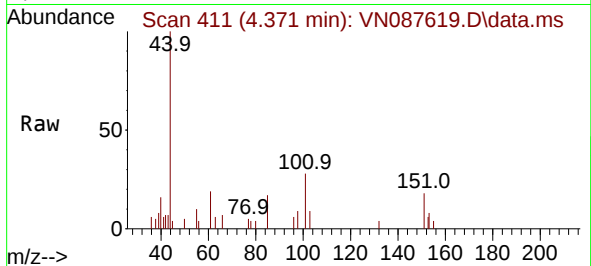




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.253 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN087619.D
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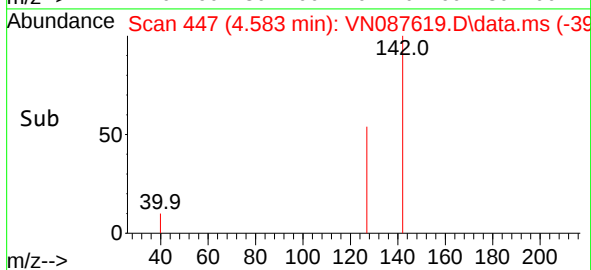
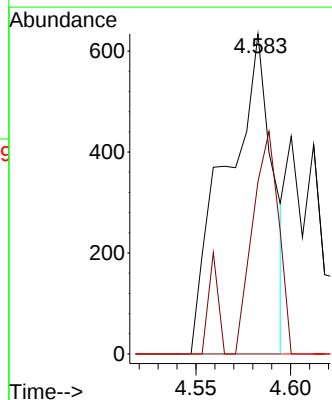
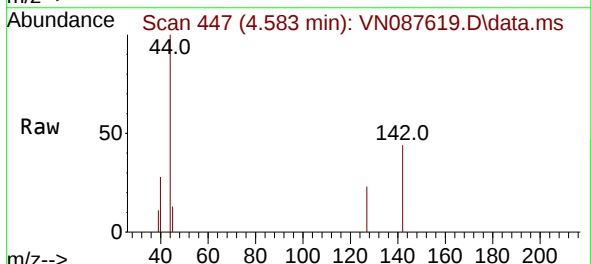
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

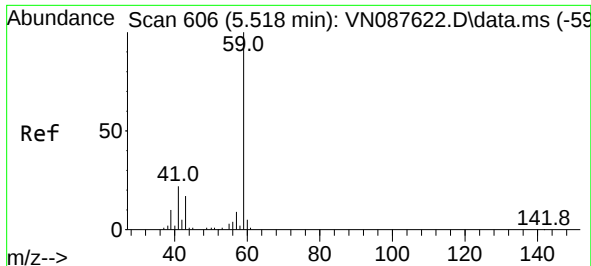
Tgt Ion:101 Resp: 3764
Ion Ratio Lower Upper
101 100
85 48.6 36.6 55.0
151 27.6 54.7 82.1#



#10
Methyl Iodide
Concen: 7.229 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

Tgt Ion:142 Resp: 1087
Ion Ratio Lower Upper
142 100
127 53.8 38.0 57.0
141 0.0 12.0 18.0#

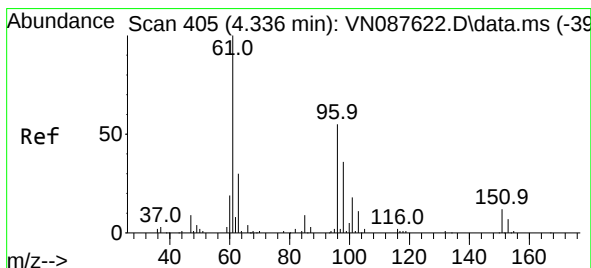
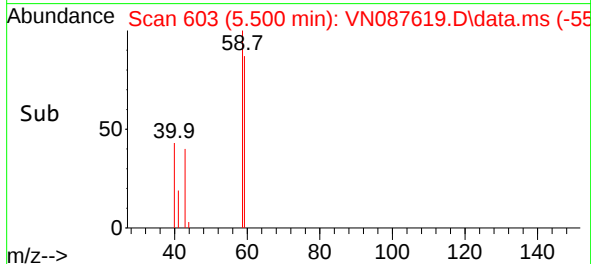
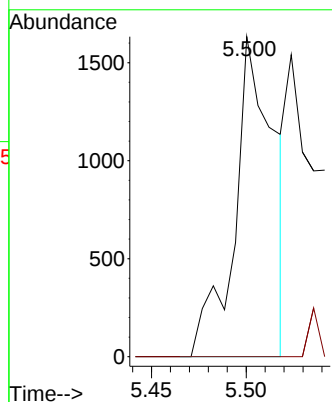
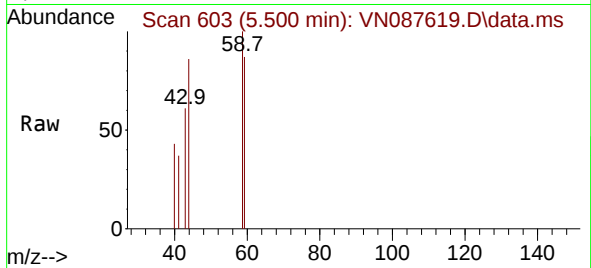




#11
Tert butyl alcohol
Concen: 3.079 ug/l
RT: 5.500 min Scan# 606
Delta R.T. -0.018 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

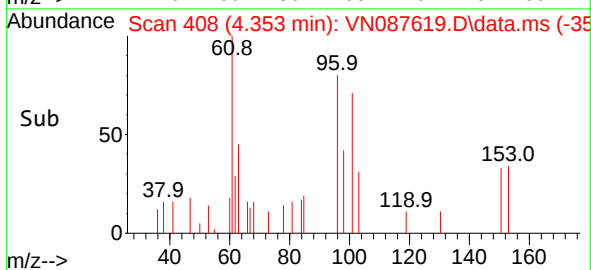
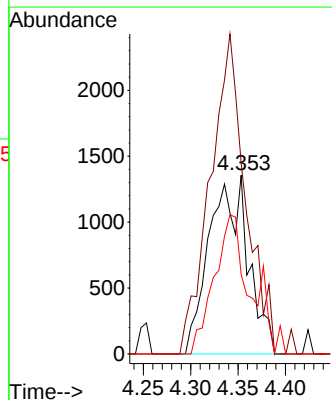
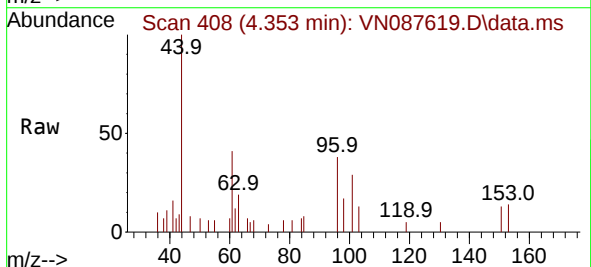
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

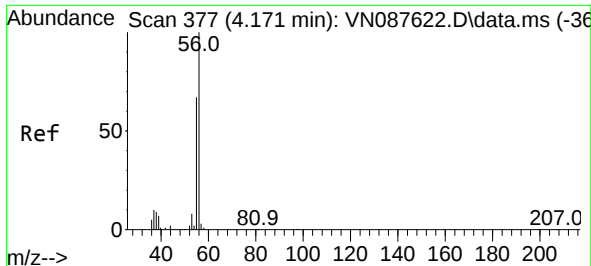
Tgt Ion: 59 Resp: 2346
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 1.238 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.017 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

Tgt Ion: 96 Resp: 3823
Ion Ratio Lower Upper
96 100
61 106.9 143.8 215.8#
98 44.6 52.1 78.1#





#13

Acrolein

Concen: 7.678 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN087619.D

Acq: 21 Aug 2025 12:09

Instrument :

MSVOA_N

ClientSampleId :

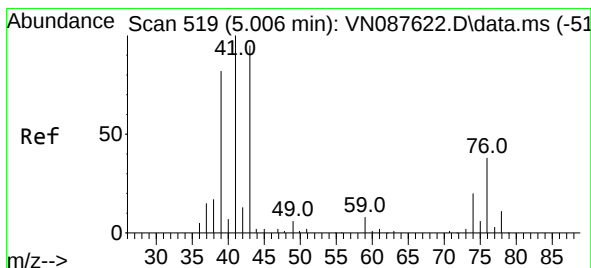
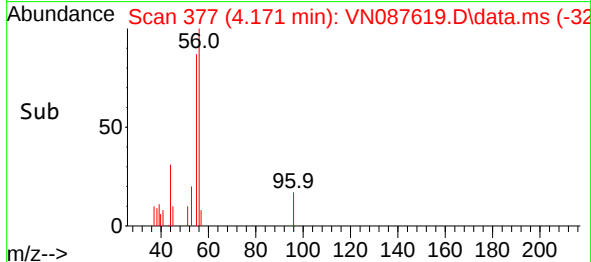
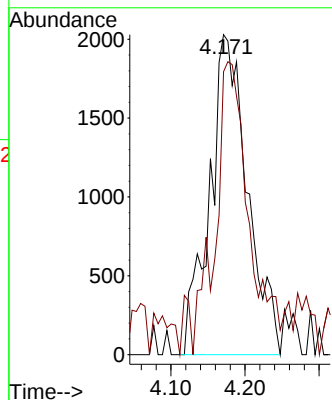
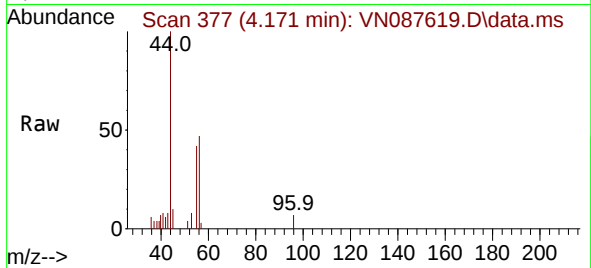
VSTDICC001

Tgt Ion: 56 Resp: 7191

Ion Ratio Lower Upper

56 100

55 70.9 57.3 85.9



#14

Allyl chloride

Concen: 1.207 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.017 min

Lab File: VN087619.D

Acq: 21 Aug 2025 12:09

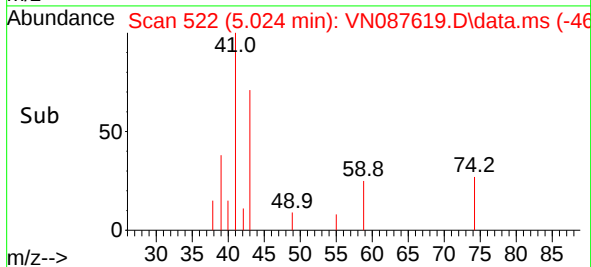
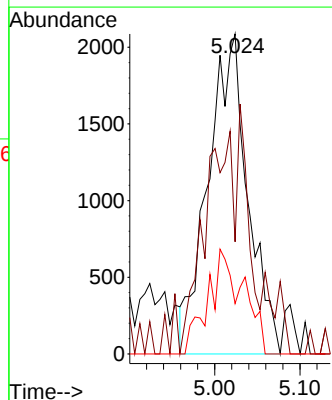
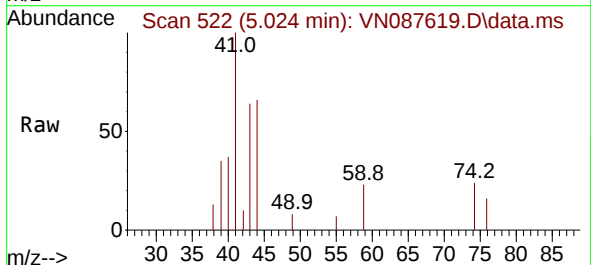
Tgt Ion: 41 Resp: 6754

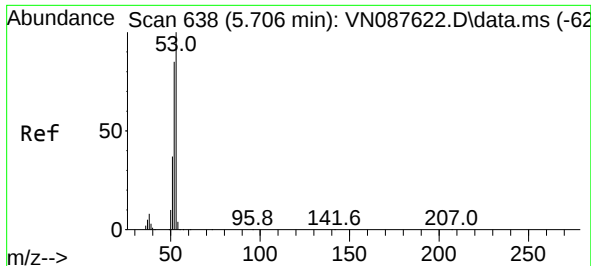
Ion Ratio Lower Upper

41 100

39 51.5 63.9 95.9#

76 19.8 28.1 42.1#

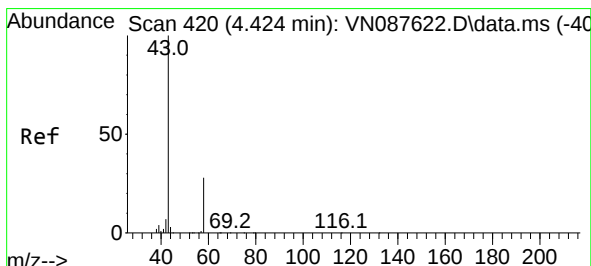
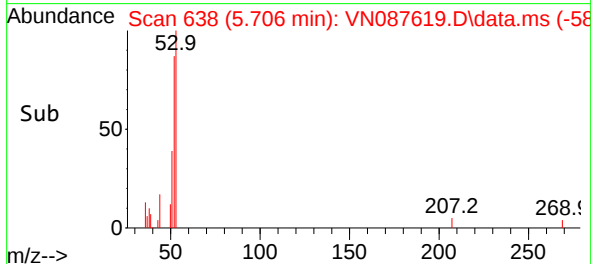
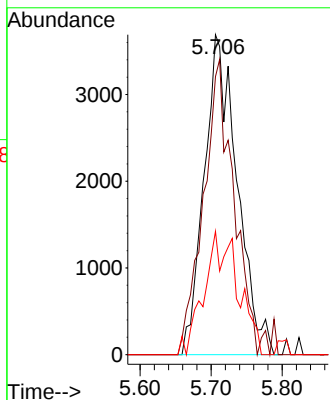
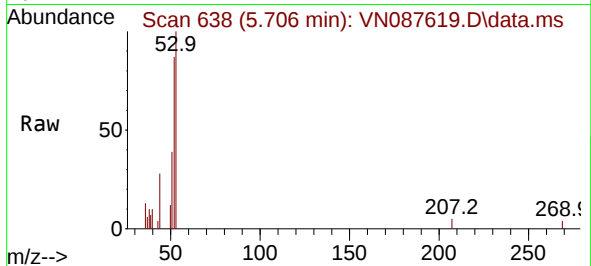




#15
Acrylonitrile
Concen: 5.535 ug/l
RT: 5.706 min Scan# 615
Delta R.T. -0.000 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

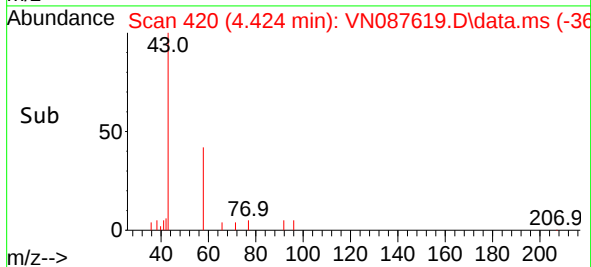
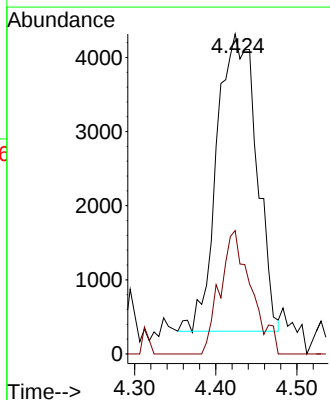
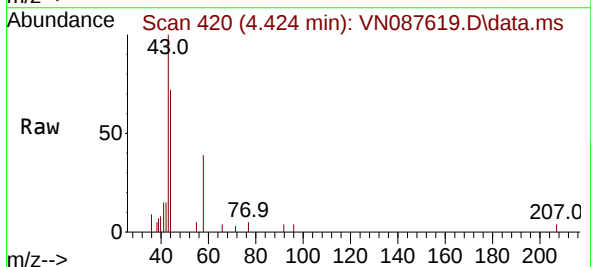
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

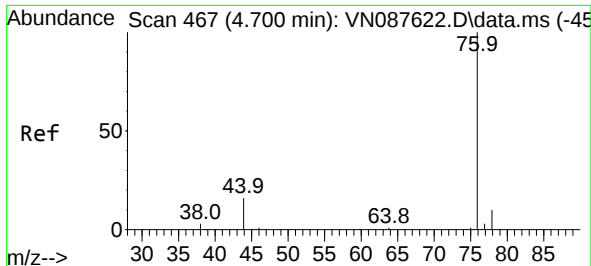
Tgt Ion: 53 Resp: 11893
Ion Ratio Lower Upper
53 100
52 84.8 67.6 101.4
51 19.4 30.1 45.1#



#16
Acetone
Concen: 5.679 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

Tgt Ion: 43 Resp: 13568
Ion Ratio Lower Upper
43 100
58 41.5 22.6 33.8#

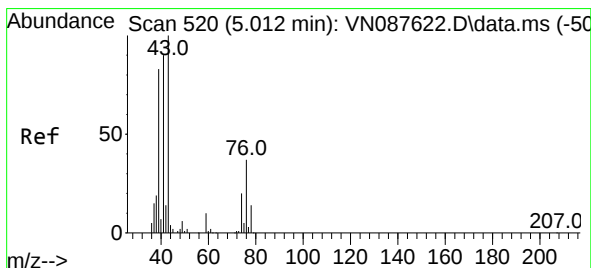
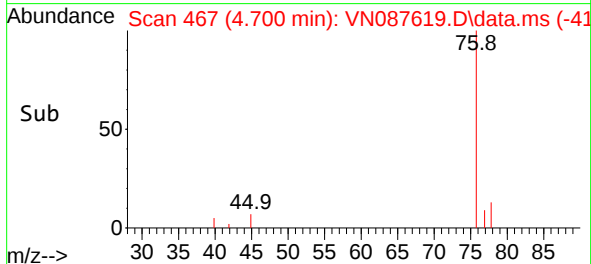
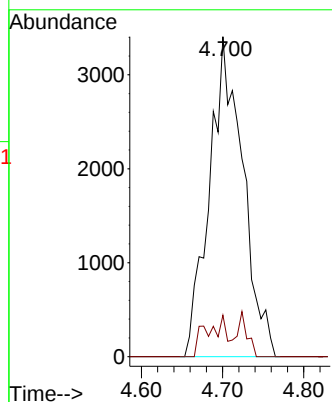
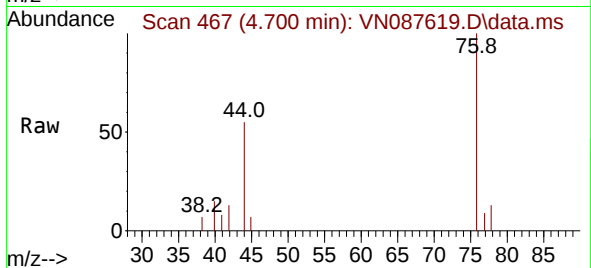




#17
Carbon Disulfide
Concen: 1.145 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

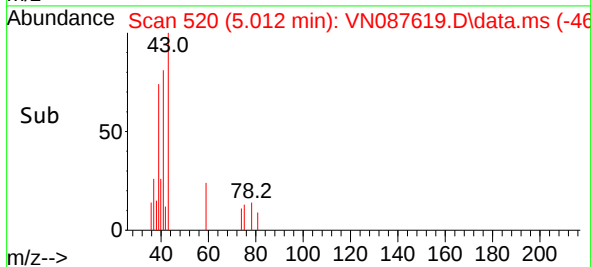
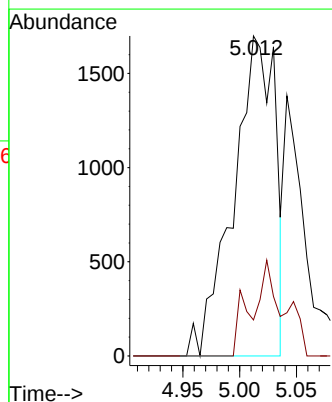
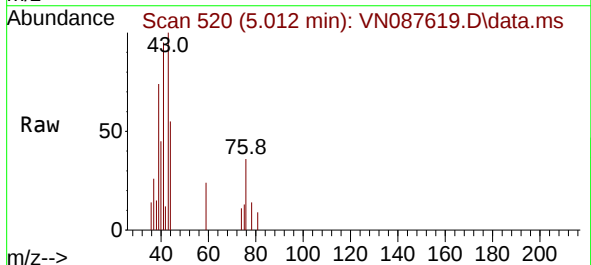
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

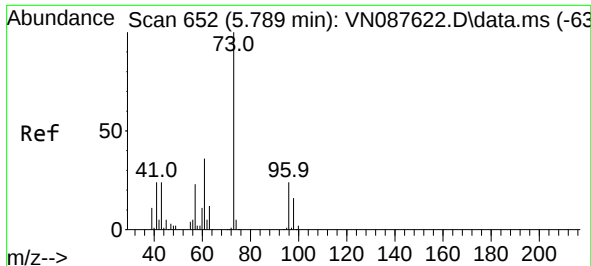
Tgt Ion: 76 Resp: 9734
Ion Ratio Lower Upper
76 100
78 13.0 7.6 11.4#



#18
Methyl Acetate
Concen: 0.870 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.000 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

Tgt Ion: 43 Resp: 4353
Ion Ratio Lower Upper
43 100
74 22.9 17.6 26.4





#19

Methyl tert-butyl Ether

Concen: 1.057 ug/l

RT: 5.794 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN087619.D

Acq: 21 Aug 2025 12:09

Instrument :

MSVOA_N

ClientSampleId :

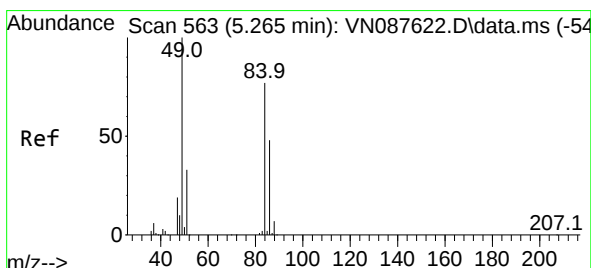
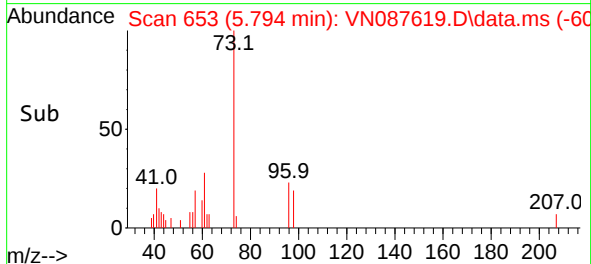
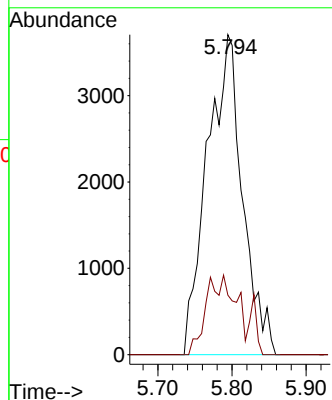
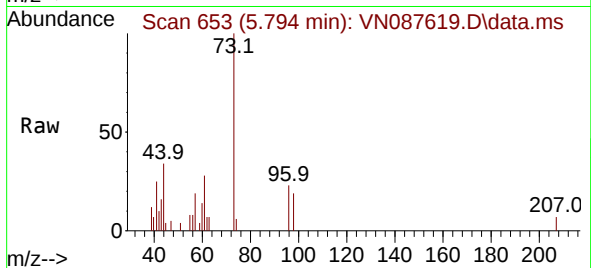
VSTDIC001

Tgt Ion: 73 Resp: 12249

Ion Ratio Lower Upper

73 100

57 18.6 18.4 27.6



#20

Methylene Chloride

Concen: 0.627 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.012 min

Lab File: VN087619.D

Acq: 21 Aug 2025 12:09

Tgt Ion: 84 Resp: 6402

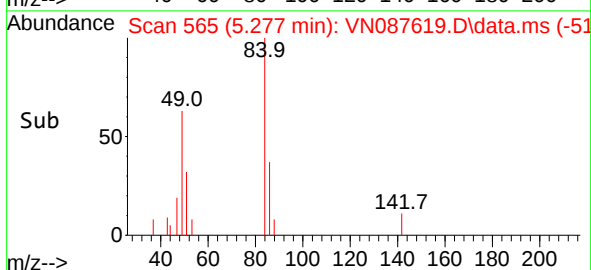
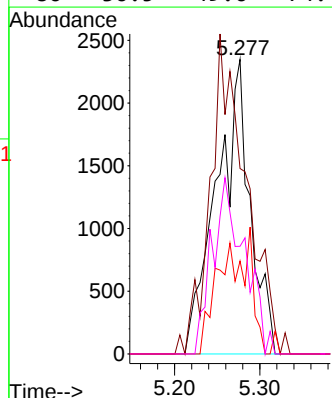
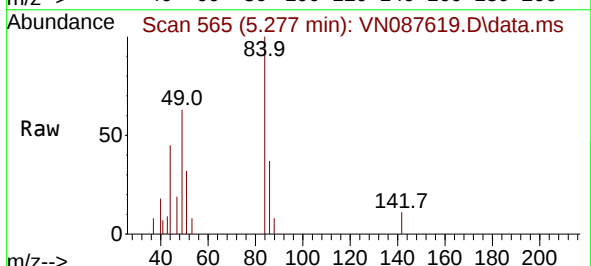
Ion Ratio Lower Upper

84 100

49 62.9 103.4 155.2#

51 31.6 33.8 50.8#

86 36.5 49.6 74.4#

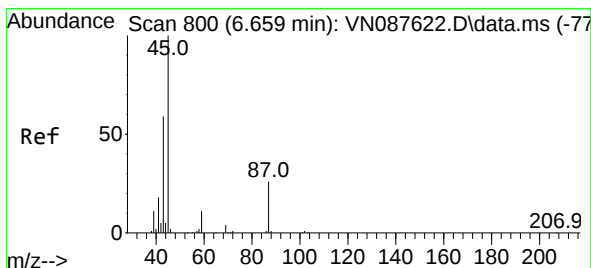
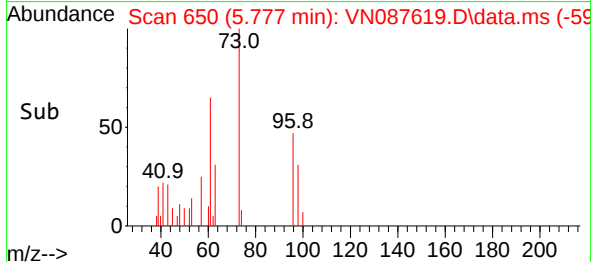
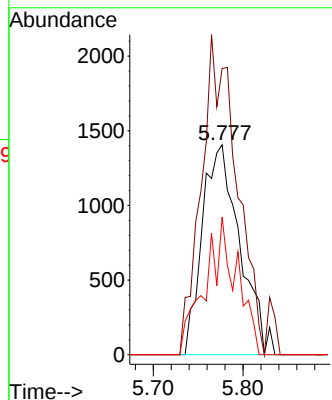
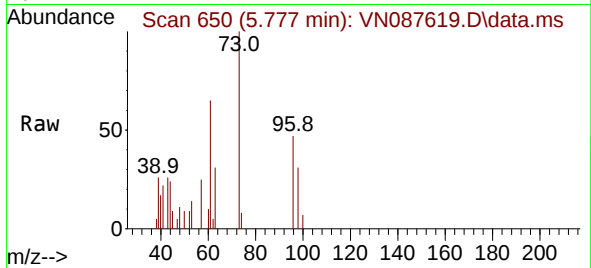




#21
trans-1,2-Dichloroethene
Concen: 1.219 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

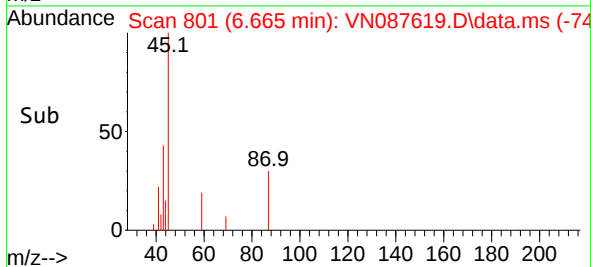
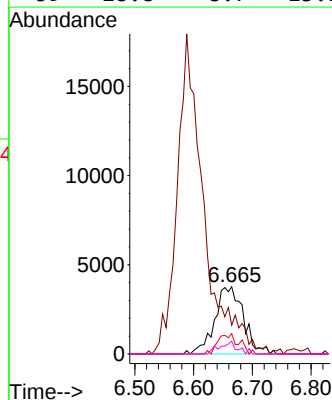
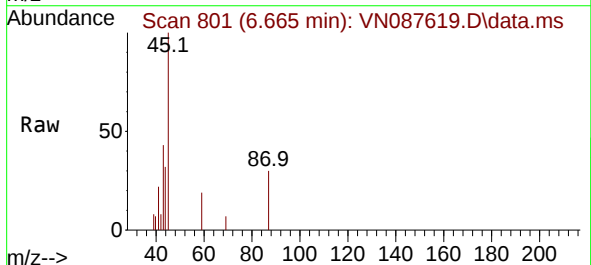
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 96 Resp: 4079
Ion Ratio Lower Upper
96 100
61 136.3 118.0 177.0
98 65.5 50.0 75.0



#22
Diisopropyl ether
Concen: 1.056 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.006 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

Tgt Ion: 45 Resp: 12751
Ion Ratio Lower Upper
45 100
43 35.2 47.7 71.5#
87 30.3 21.4 32.0
59 18.8 8.7 13.1#

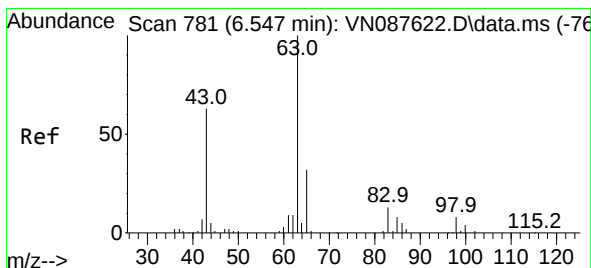
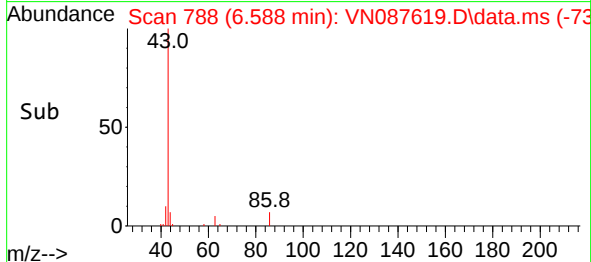
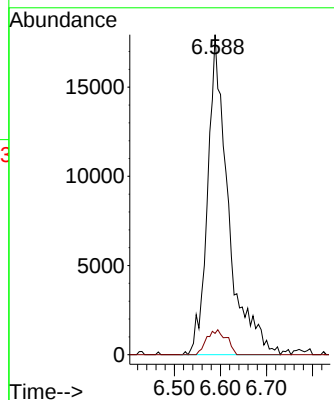
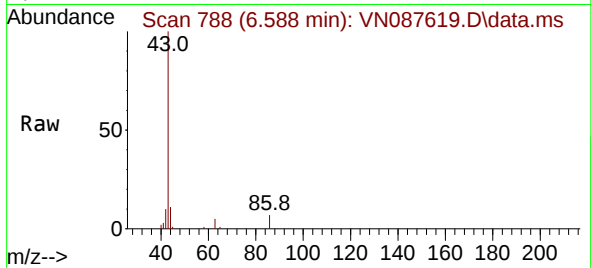




#23
 Vinyl Acetate
 Concen: 5.126 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN087619.D
 Acq: 21 Aug 2025 12:09

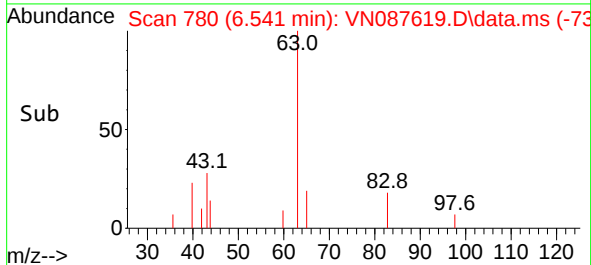
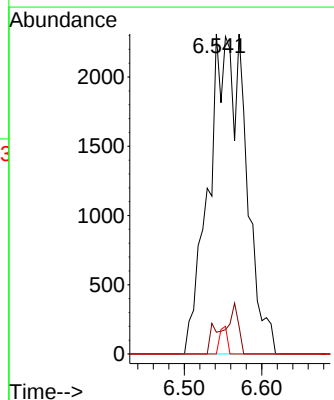
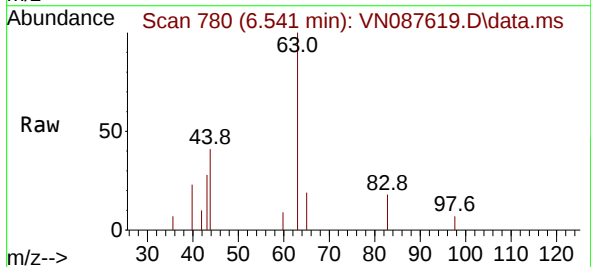
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 43 Resp: 56320
 Ion Ratio Lower Upper
 43 100
 86 6.7 8.2 12.4#



#24
 1,1-Dichloroethane
 Concen: 1.163 ug/l
 RT: 6.541 min Scan# 780
 Delta R.T. -0.006 min
 Lab File: VN087619.D
 Acq: 21 Aug 2025 12:09

Tgt Ion: 63 Resp: 7704
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.4
 100 0.0 2.0 6.0#

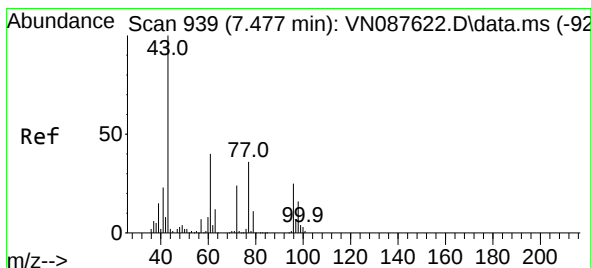
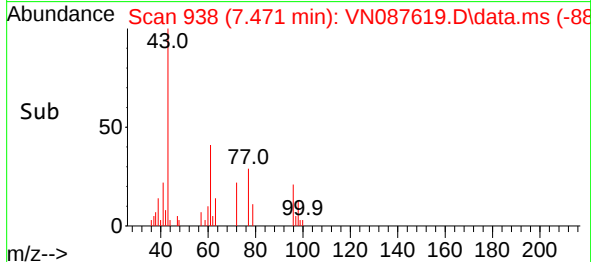
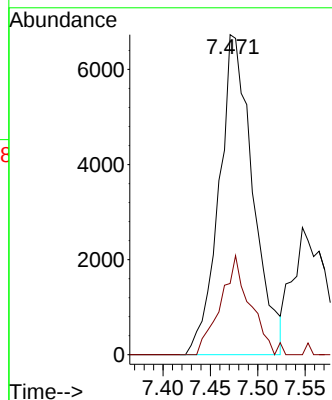
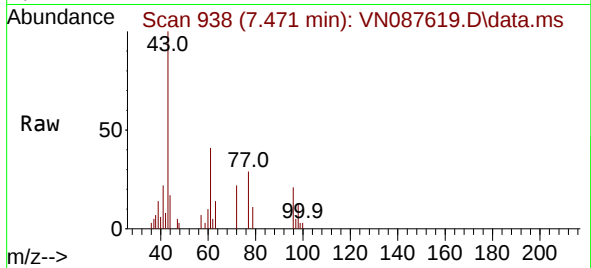




#25
2-Butanone
Concen: 5.338 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

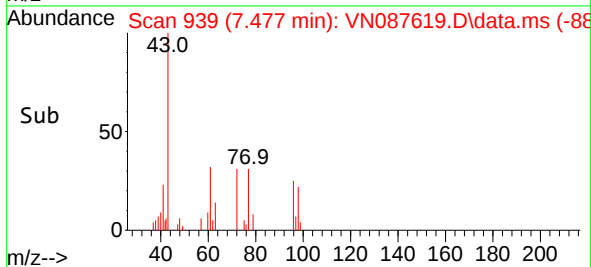
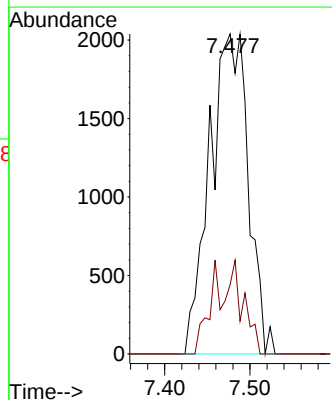
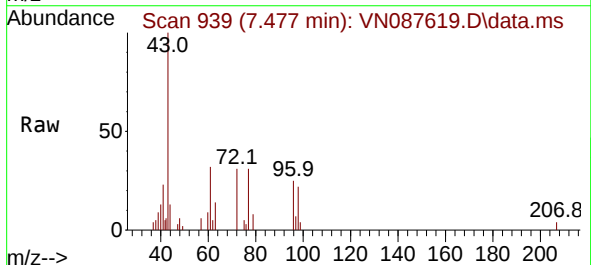
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 16779
Ion Ratio Lower Upper
43 100
72 22.3 19.9 29.9



#26
2,2-Dichloropropane
Concen: 1.131 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

Tgt Ion: 77 Resp: 6425
Ion Ratio Lower Upper
77 100
97 11.0 10.9 32.7

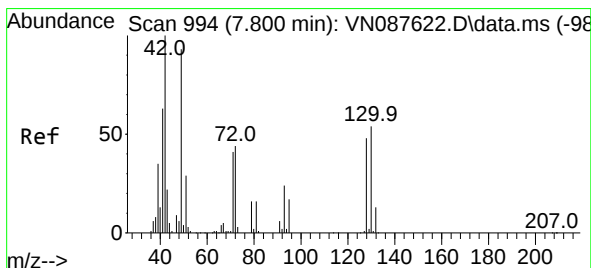
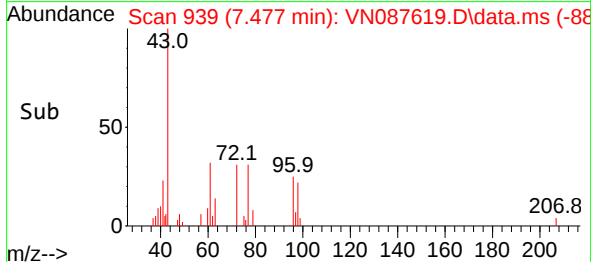
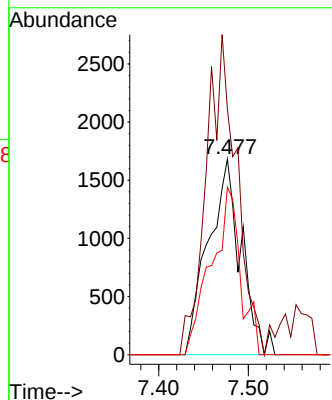
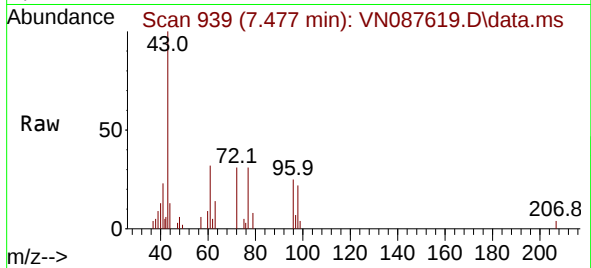




#27
 cis-1,2-Dichloroethene
 Concen: 1.068 ug/l
 RT: 7.477 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: VN087619.D
 Acq: 21 Aug 2025 12:09

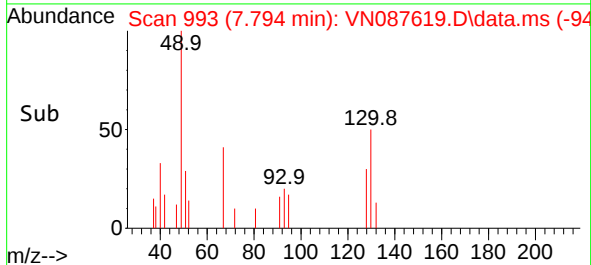
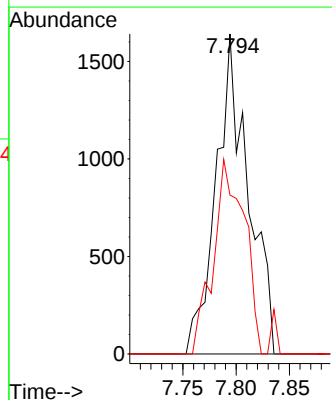
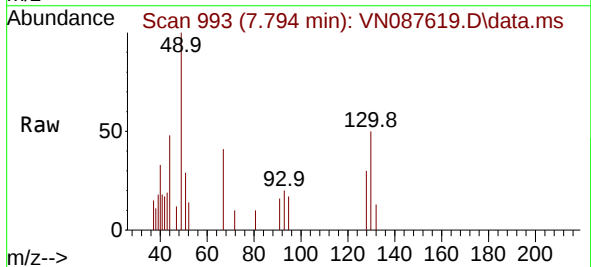
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 96 Resp: 4272
 Ion Ratio Lower Upper
 96 100
 61 152.2 0.0 301.8
 98 76.0 0.0 126.2



#28
 Bromochloromethane
 Concen: 1.070 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087619.D
 Acq: 21 Aug 2025 12:09

Tgt Ion: 49 Resp: 3426
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.0
 130 59.2 53.1 79.7





#29

Tetrahydrofuran

Concen: 5.502 ug/l

RT: 7.830 min Scan# 998

Delta R.T. 0.006 min

Lab File: VN087619.D

Acq: 21 Aug 2025 12:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

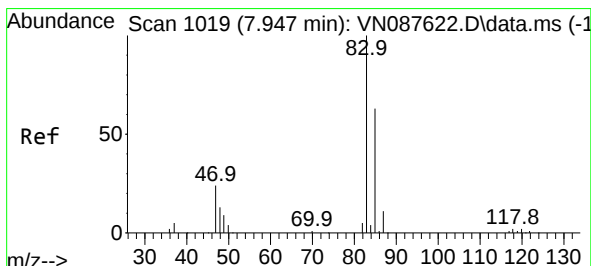
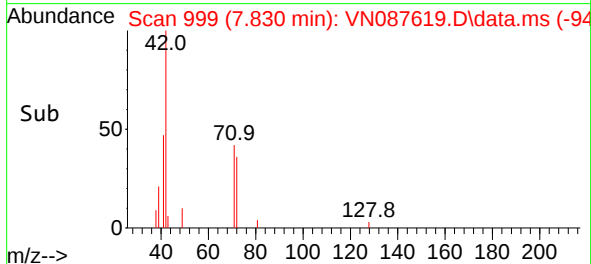
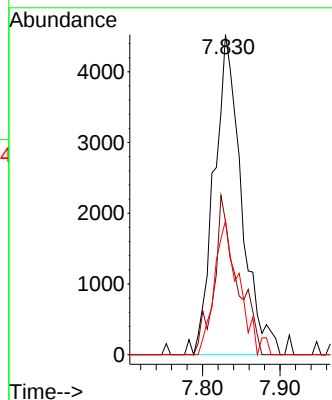
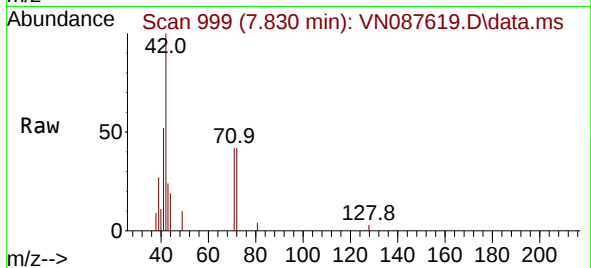
Tgt Ion: 42 Resp: 11129

Ion Ratio Lower Upper

42 100

72 41.4 33.7 50.5

71 37.8 31.9 47.9



#30

Chloroform

Concen: 1.063 ug/l

RT: 7.953 min Scan# 1020

Delta R.T. 0.006 min

Lab File: VN087619.D

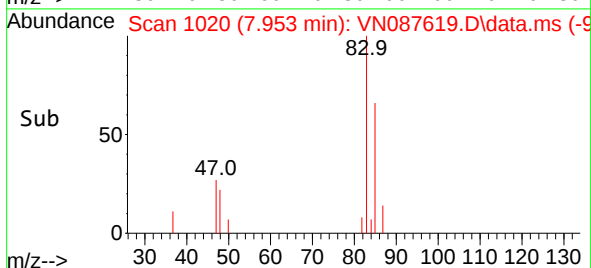
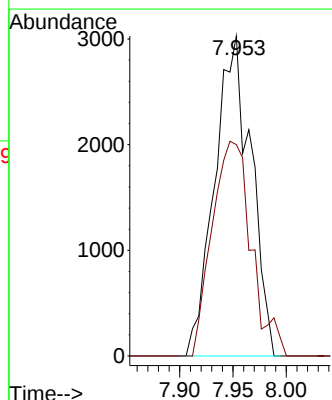
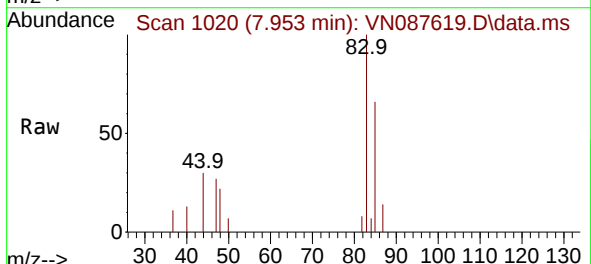
Acq: 21 Aug 2025 12:09

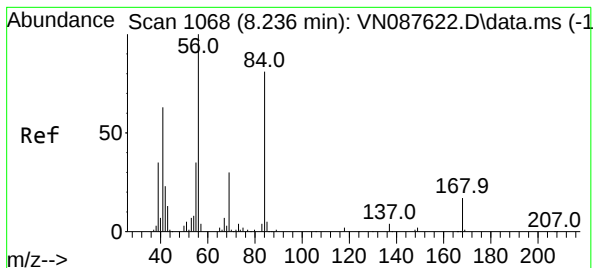
Tgt Ion: 83 Resp: 7183

Ion Ratio Lower Upper

83 100

85 66.1 50.7 76.1





#31

Cyclohexane

Concen: 2.224 ug/l

RT: 8.206 min Scan# 1063

Delta R.T. -0.030 min

Lab File: VN087619.D

Acq: 21 Aug 2025 12:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

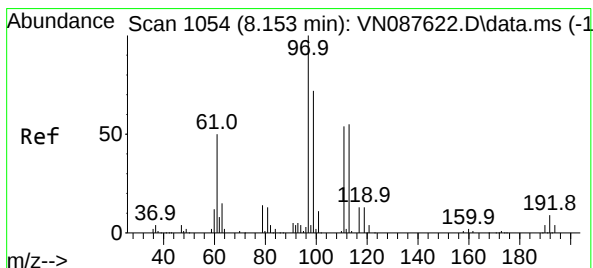
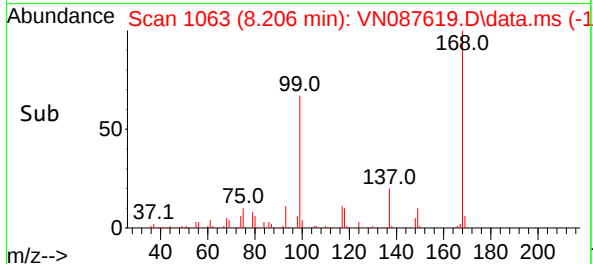
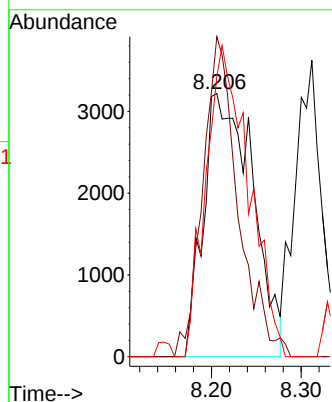
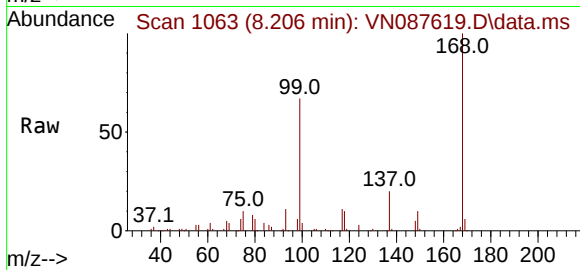
Tgt Ion: 56 Resp: 12276

Ion Ratio Lower Upper

56 100

69 114.4 23.7 35.5#

84 106.5 64.7 97.1#



#32

1,1,1-Trichloroethane

Concen: 1.129 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN087619.D

Acq: 21 Aug 2025 12:09

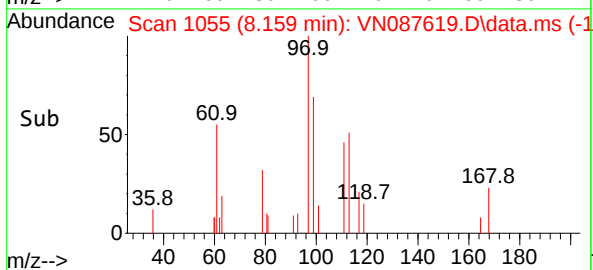
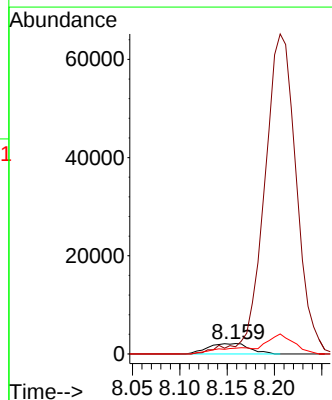
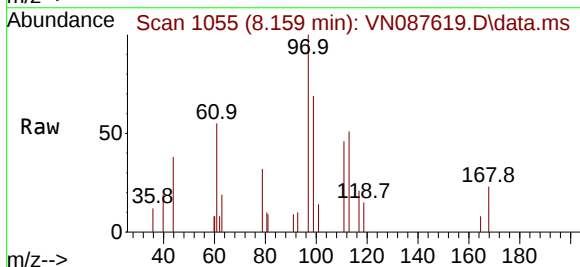
Tgt Ion: 97 Resp: 6468

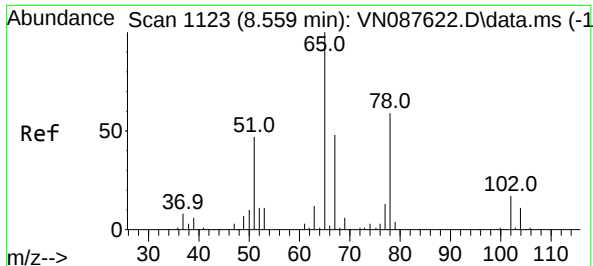
Ion Ratio Lower Upper

97 100

99 0.0 52.2 78.2#

61 54.5 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 1.083 ug/l

RT: 8.553 min Scan# 1123

Delta R.T. -0.006 min

Lab File: VN087619.D

Acq: 21 Aug 2025 12:09

Instrument :

MSVOA_N

ClientSampleId :

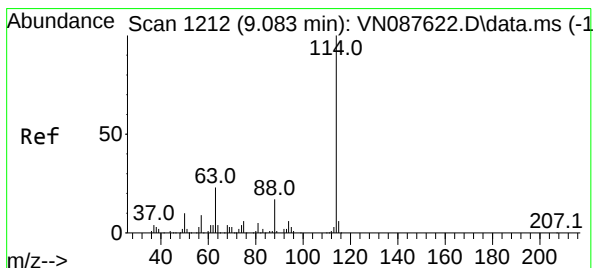
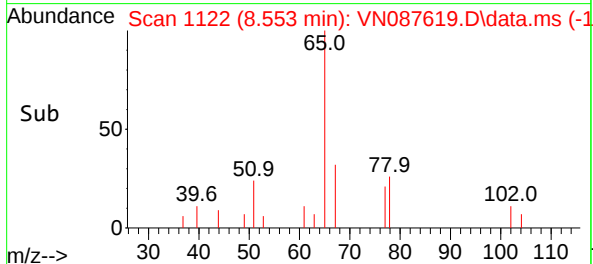
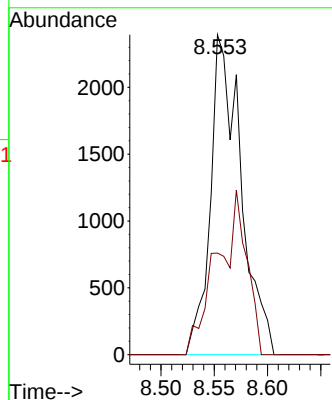
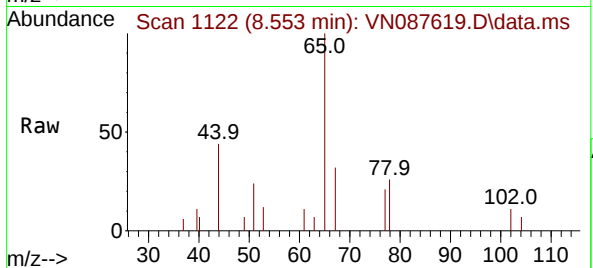
VSTDICC001

Tgt Ion: 65 Resp: 4753

Ion Ratio Lower Upper

65 100

67 50.3 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087619.D

Acq: 21 Aug 2025 12:09

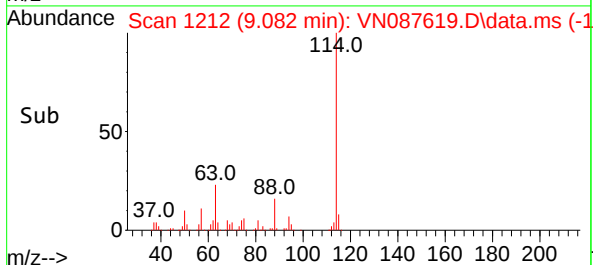
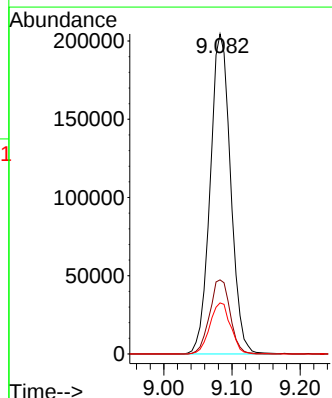
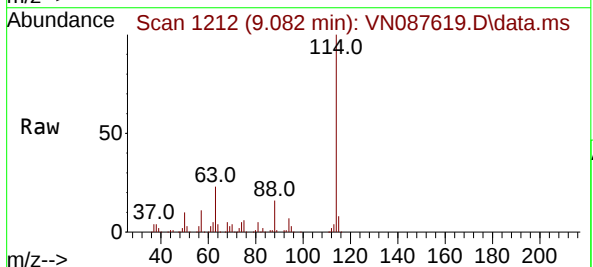
Tgt Ion: 114 Resp: 425894

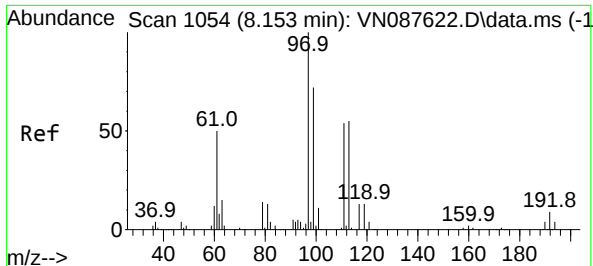
Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.2

88 16.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 0.961 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087619.D

Acq: 21 Aug 2025 12:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

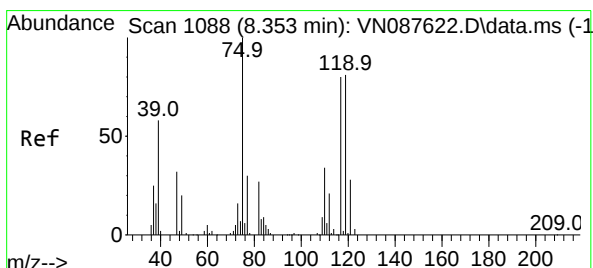
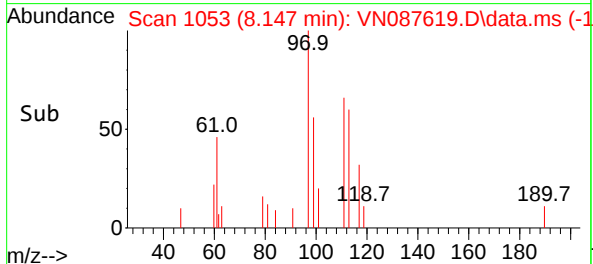
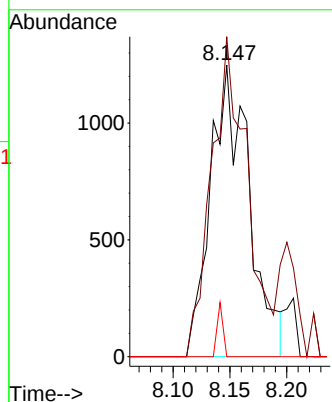
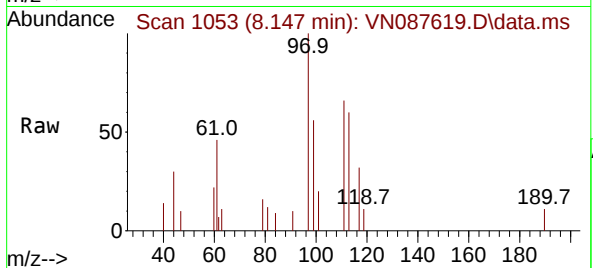
Tgt Ion:113 Resp: 2956

Ion Ratio Lower Upper

113 100

111 100.4 82.8 124.2

192 2.8 12.8 19.2#



#36

1,1-Dichloropropene

Concen: 1.264 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN087619.D

Acq: 21 Aug 2025 12:09

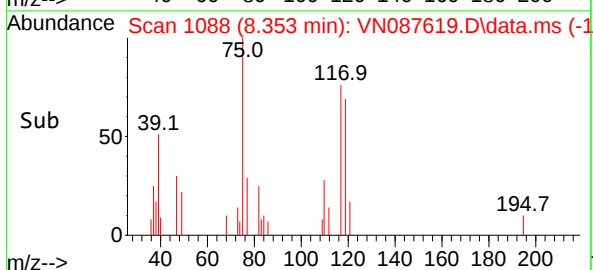
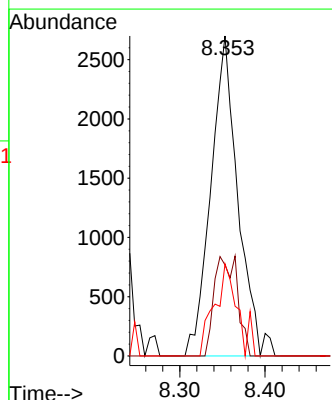
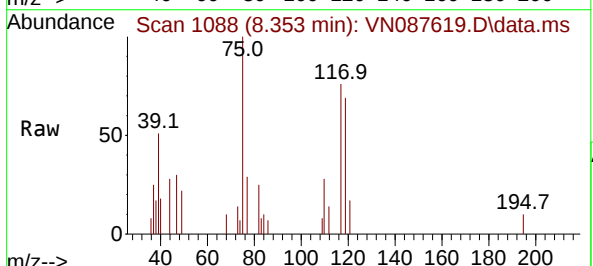
Tgt Ion: 75 Resp: 5965

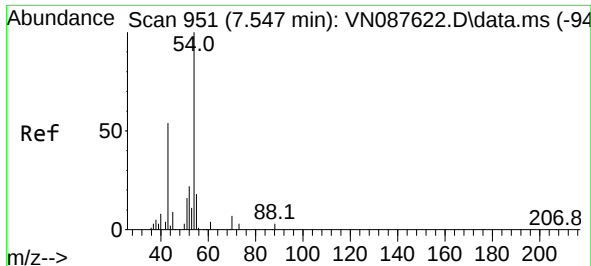
Ion Ratio Lower Upper

75 100

110 26.7 15.9 47.6

77 24.5 24.4 36.6

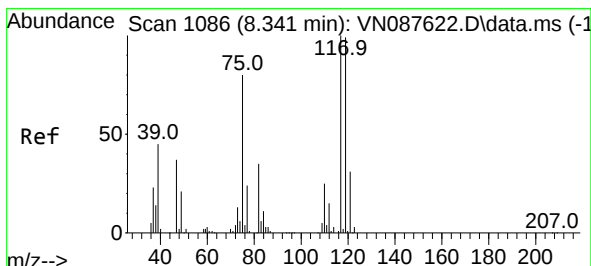
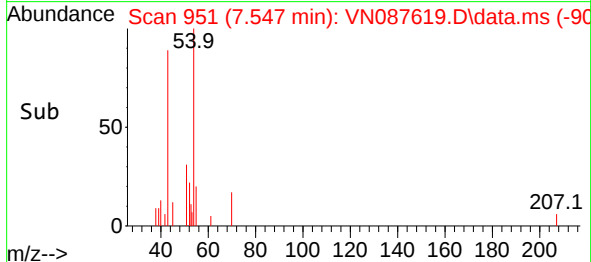
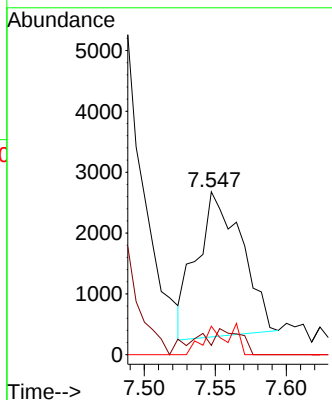
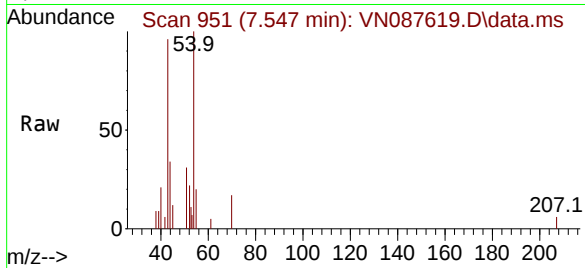




#37
Ethyl Acetate
Concen: 0.817 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

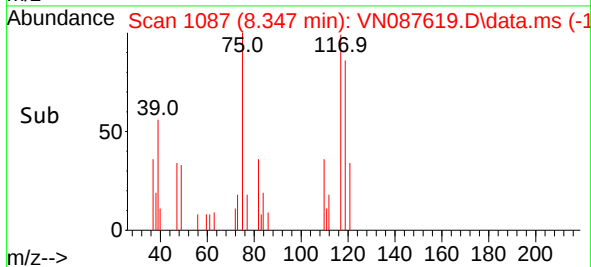
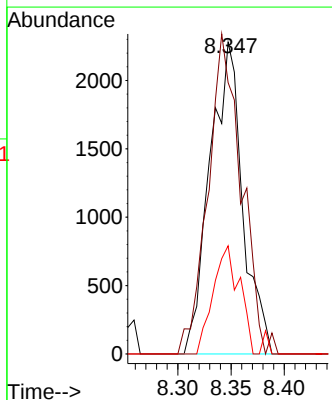
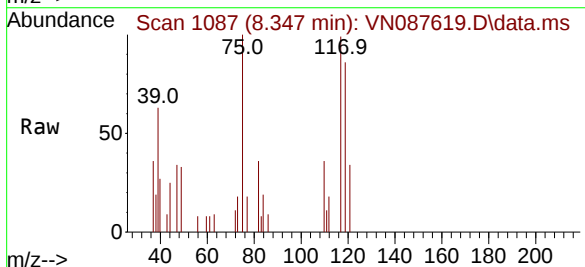
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

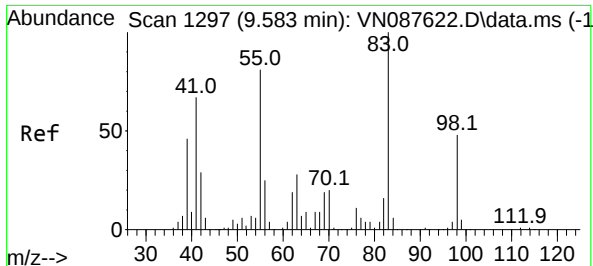
Tgt Ion: 43 Resp: 5266
Ion Ratio Lower Upper
43 100
61 9.6 9.3 13.9
70 12.4 7.0 10.6#



#38
Carbon Tetrachloride
Concen: 1.045 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

Tgt Ion: 117 Resp: 4866
Ion Ratio Lower Upper
117 100
119 87.1 79.0 118.6
121 34.7 25.0 37.6





#39

Methylcyclohexane

Concen: 1.125 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN087619.D

Acq: 21 Aug 2025 12:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

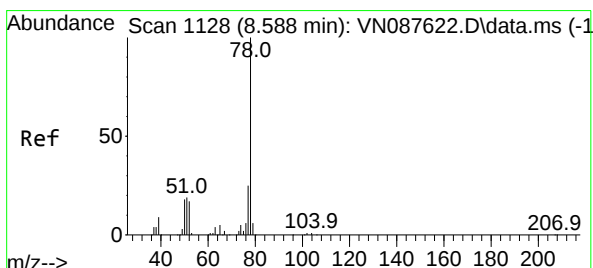
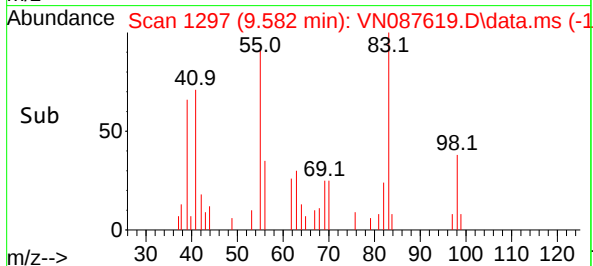
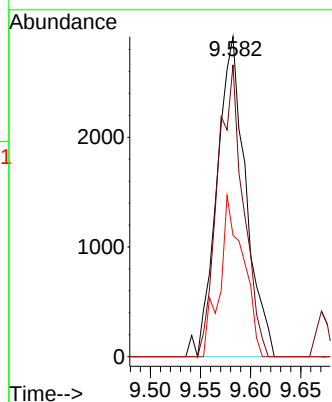
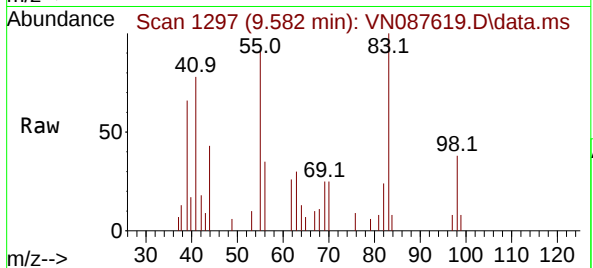
Tgt Ion: 83 Resp: 5843

Ion Ratio Lower Upper

83 100

55 91.2 64.6 96.8

98 37.9 38.4 57.6#



#40

Benzene

Concen: 1.091 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087619.D

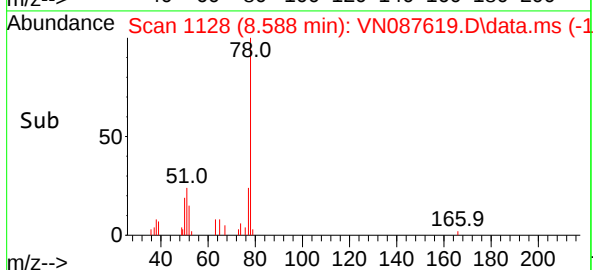
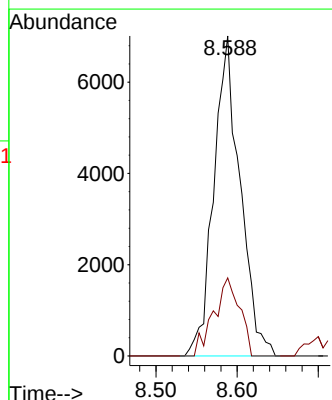
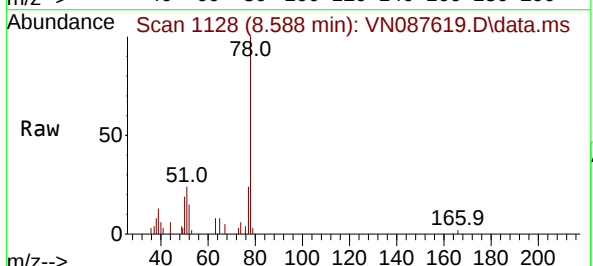
Acq: 21 Aug 2025 12:09

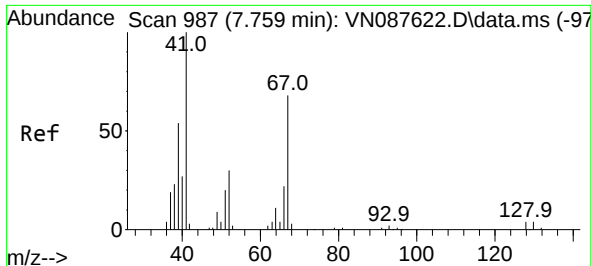
Tgt Ion: 78 Resp: 15783

Ion Ratio Lower Upper

78 100

77 24.4 19.7 29.5

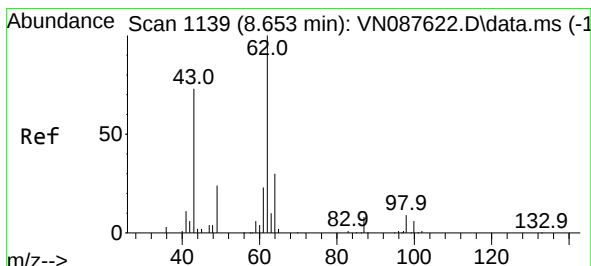
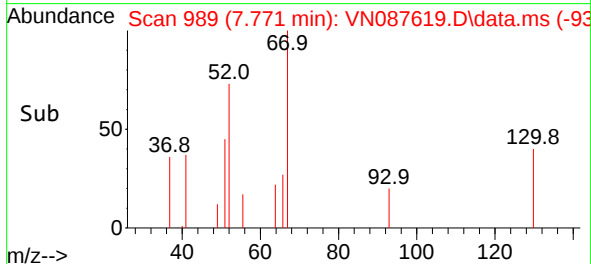
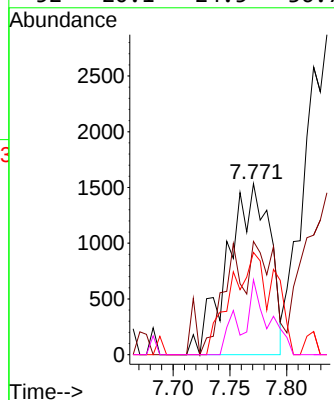
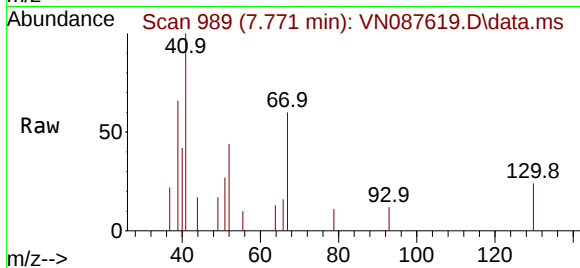




#41
Methacrylonitrile
Concen: 1.188 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

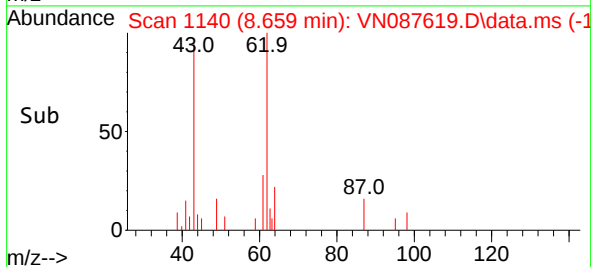
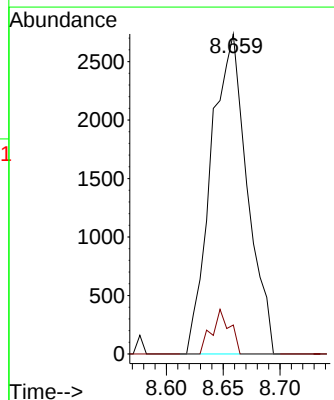
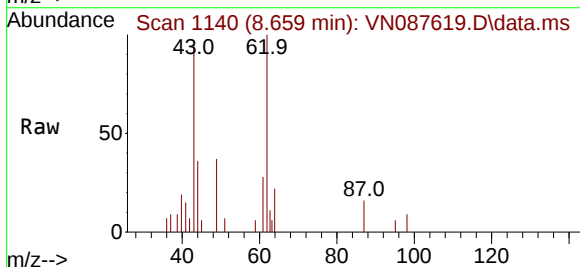
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

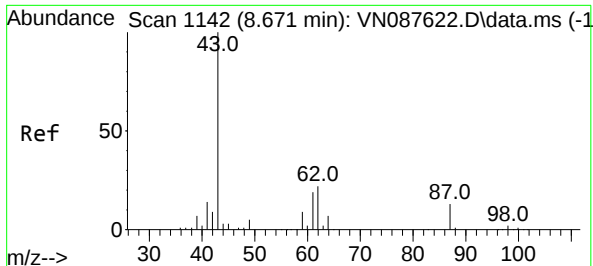
Tgt Ion:	41	Resp:	3967
Ion	Ratio	Lower	Upper
41	100		
39	30.6	45.4	68.0#
67	46.6	55.3	82.9#
52	20.1	24.5	36.7#



#42
1,2-Dichloroethane
Concen: 1.093 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. 0.006 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

Tgt Ion:	62	Resp:	6078
Ion	Ratio	Lower	Upper
62	100		
98	7.0	0.0	17.4





#43

Isopropyl Acetate

Concen: 1.046 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VN087619.D

Acq: 21 Aug 2025 12:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

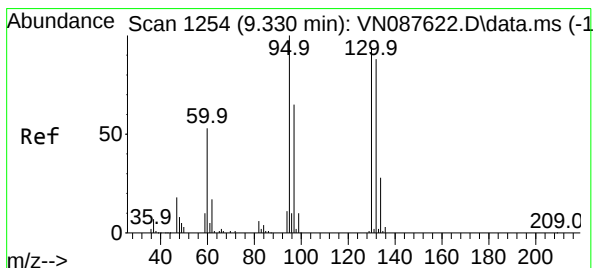
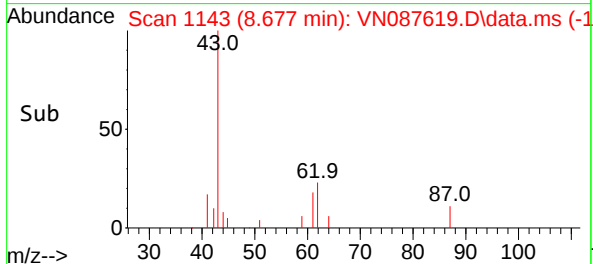
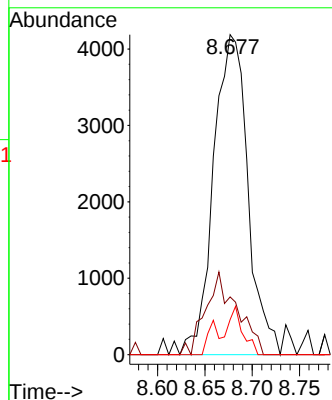
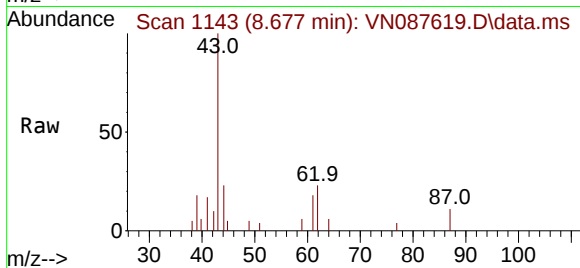
Tgt Ion: 43 Resp: 10524

Ion Ratio Lower Upper

43 100

61 0.0 18.8 28.2#

87 6.7 9.6 14.4#



#44

Trichloroethene

Concen: 1.123 ug/l

RT: 9.329 min Scan# 1254

Delta R.T. -0.000 min

Lab File: VN087619.D

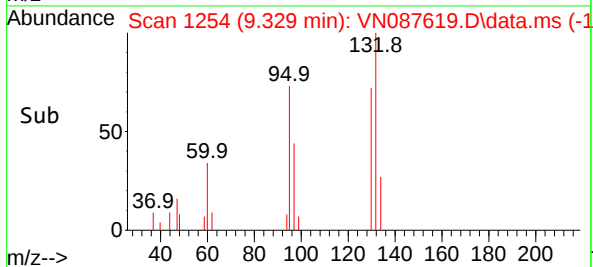
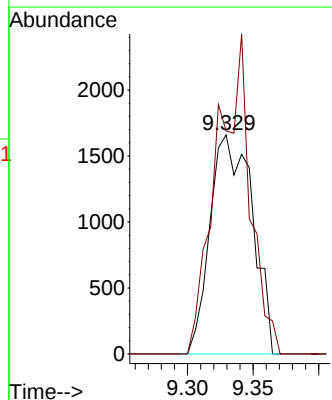
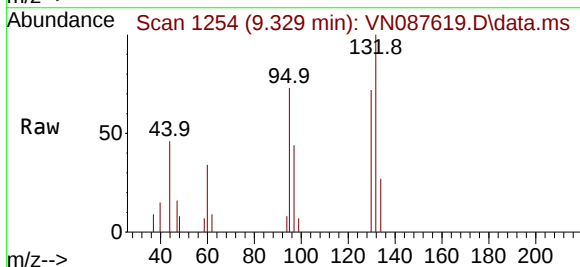
Acq: 21 Aug 2025 12:09

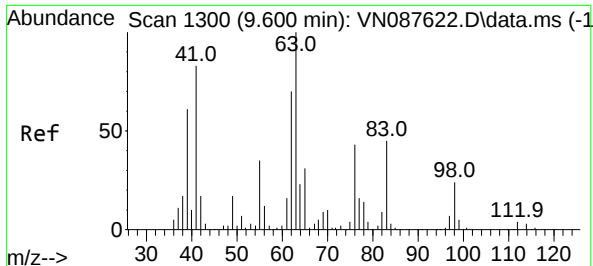
Tgt Ion:130 Resp: 3709

Ion Ratio Lower Upper

130 100

95 101.7 0.0 212.0





#45

1,2-Dichloropropane

Concen: 1.216 ug/l

RT: 9.594 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VN087619.D

Acq: 21 Aug 2025 12:09

Instrument :

MSVOA_N

ClientSampleId :

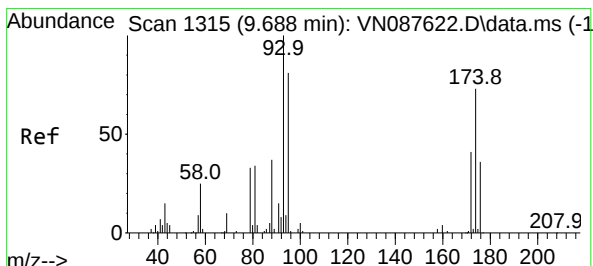
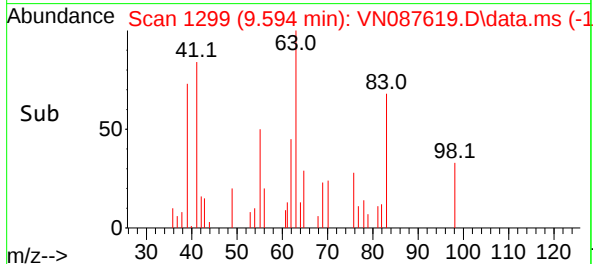
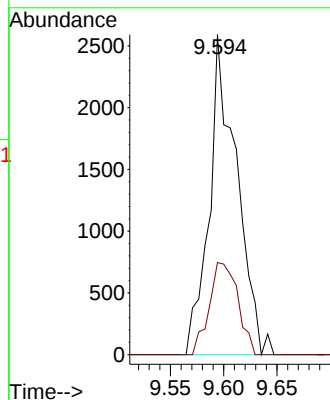
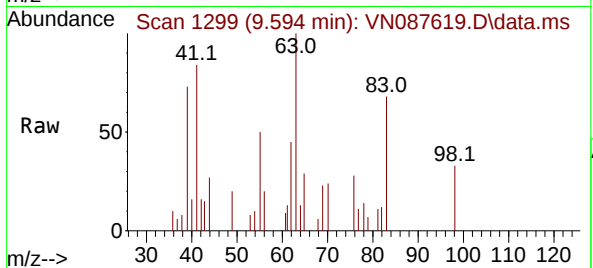
VSTDIC001

Tgt Ion: 63 Resp: 4636

Ion Ratio Lower Upper

63 100

65 28.8 25.0 37.4



#46

Dibromomethane

Concen: 1.101 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087619.D

Acq: 21 Aug 2025 12:09

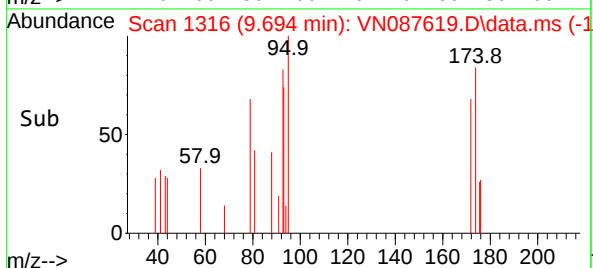
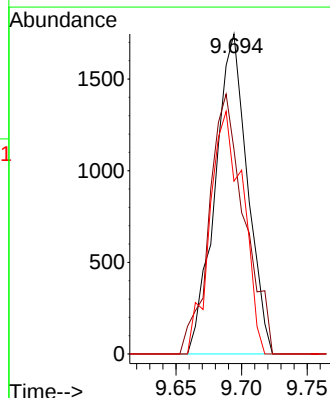
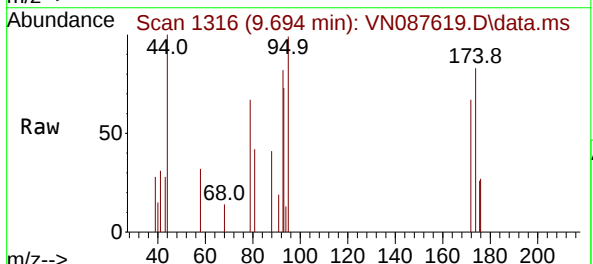
Tgt Ion: 93 Resp: 2989

Ion Ratio Lower Upper

93 100

95 88.6 66.2 99.4

174 77.7 63.4 95.2

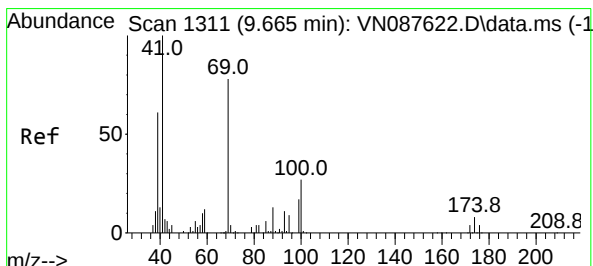
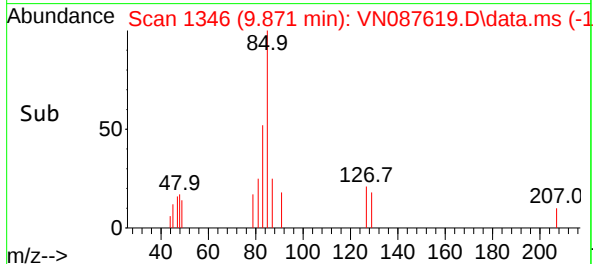
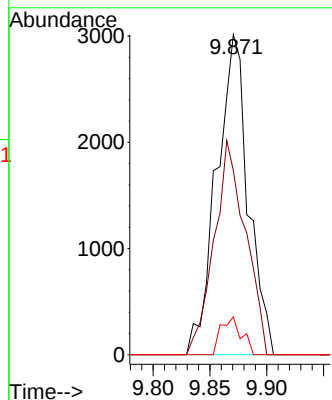
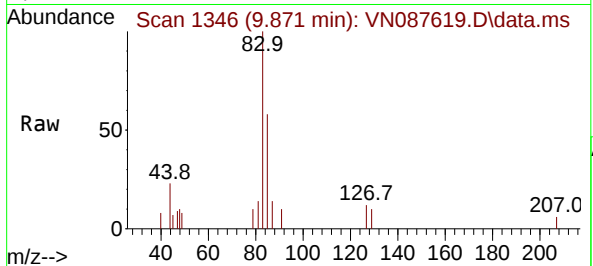




#47
Bromodichloromethane
Concen: 1.051 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

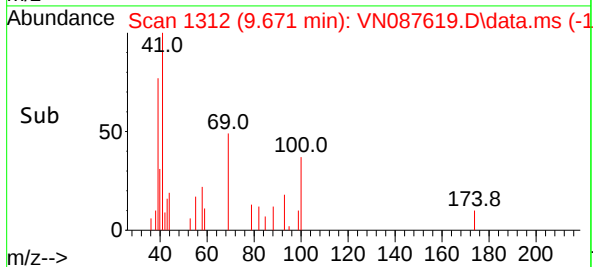
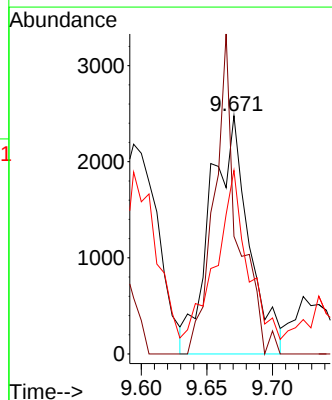
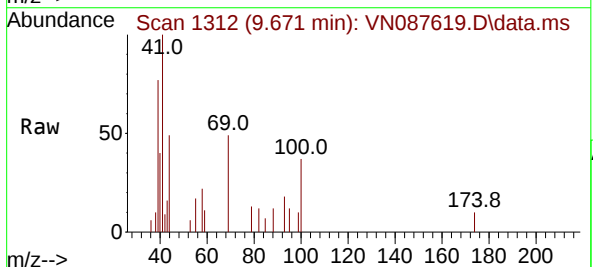
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

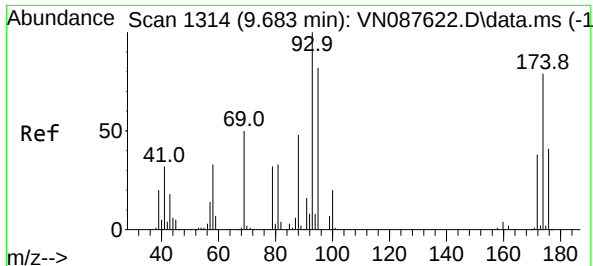
Tgt Ion: 83 Resp: 5845
Ion Ratio Lower Upper
83 100
85 57.6 52.5 78.7
127 11.8 5.8 8.6#



#48
Methyl methacrylate
Concen: 1.069 ug/l
RT: 9.671 min Scan# 1312
Delta R.T. 0.006 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

Tgt Ion: 41 Resp: 5091
Ion Ratio Lower Upper
41 100
69 80.8 62.7 94.1
39 59.1 52.9 79.3





#49

1,4-Dioxane

Concen: 16.337 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.017 min

Lab File: VN087619.D

Acq: 21 Aug 2025 12:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

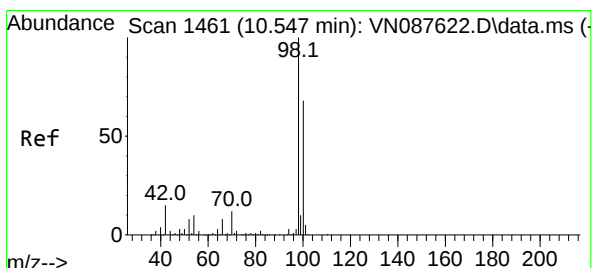
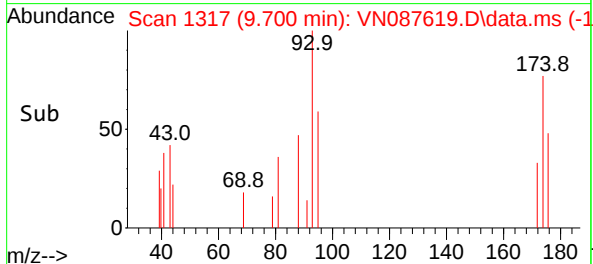
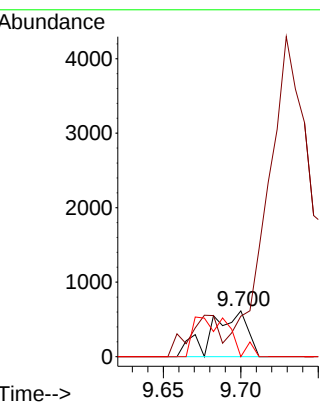
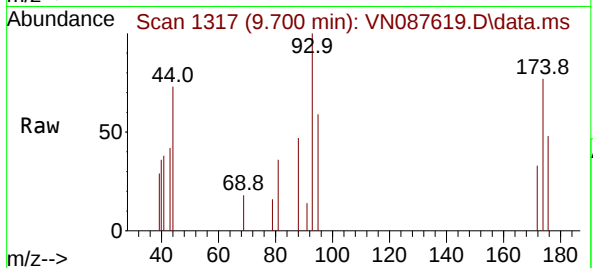
Tgt Ion: 88 Resp: 1008

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 57.9 86.9#



#50

Toluene-d8

Concen: 0.915 ug/l

RT: 10.541 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VN087619.D

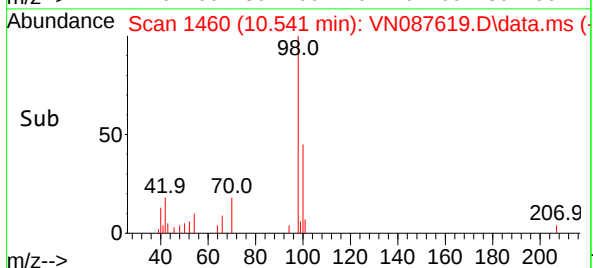
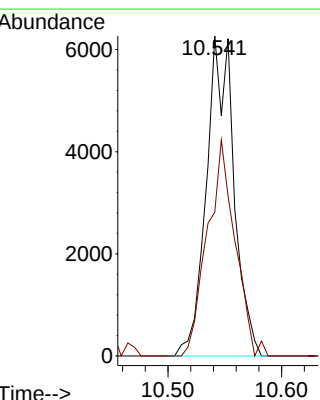
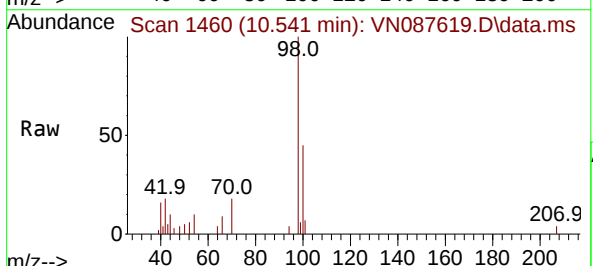
Acq: 21 Aug 2025 12:09

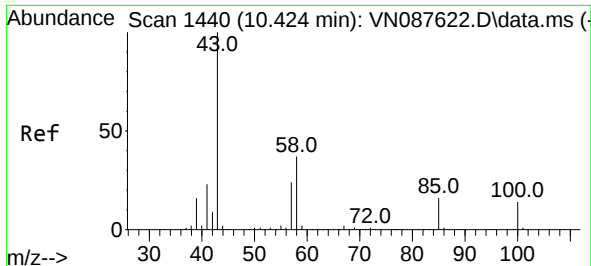
Tgt Ion: 98 Resp: 10532

Ion Ratio Lower Upper

98 100

100 67.9 52.8 79.2

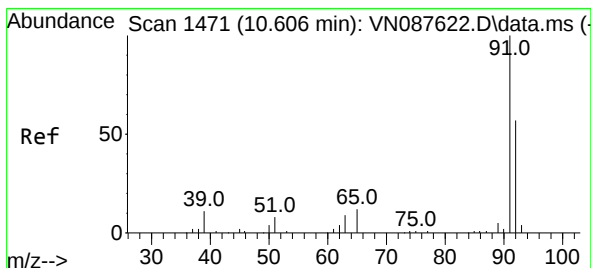
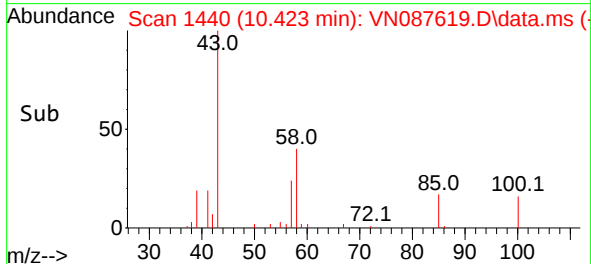
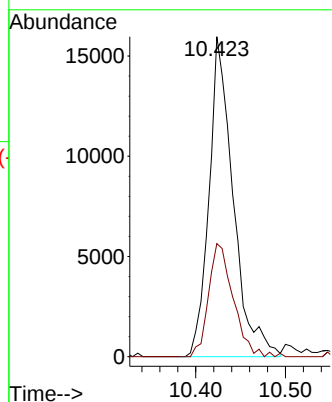
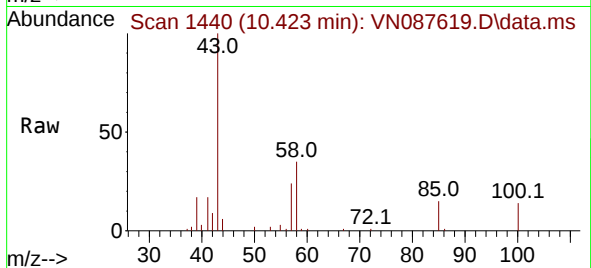




#51
4-Methyl-2-Pentanone
Concen: 4.913 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

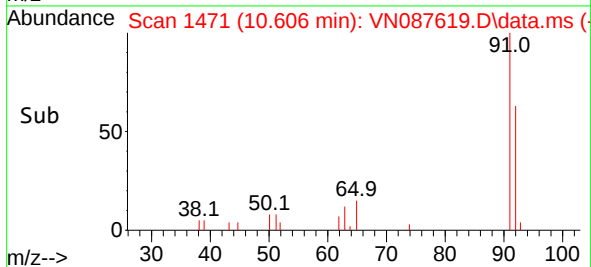
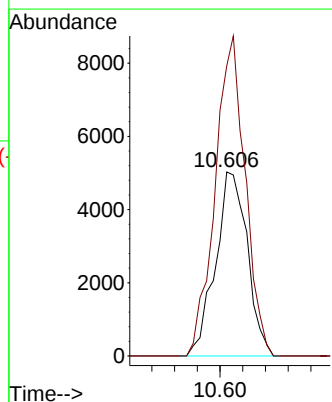
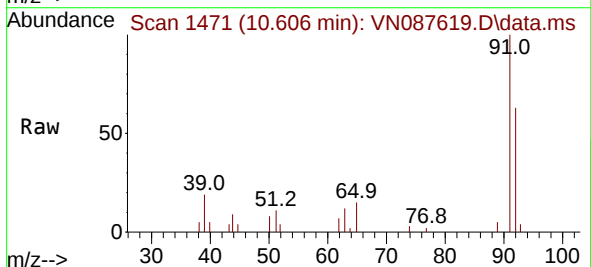
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

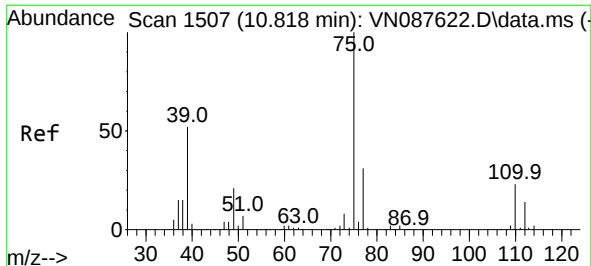
Tgt Ion: 43 Resp: 29834
Ion Ratio Lower Upper
43 100
58 36.1 29.6 44.4



#52
Toluene
Concen: 1.090 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

Tgt Ion: 92 Resp: 9776
Ion Ratio Lower Upper
92 100
91 164.5 140.4 210.6

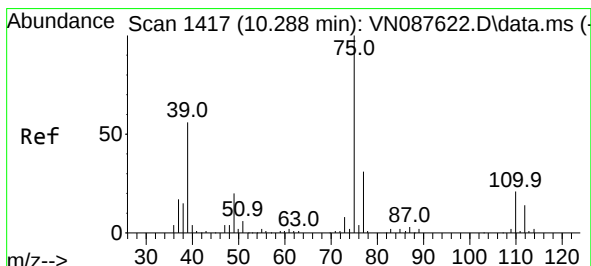
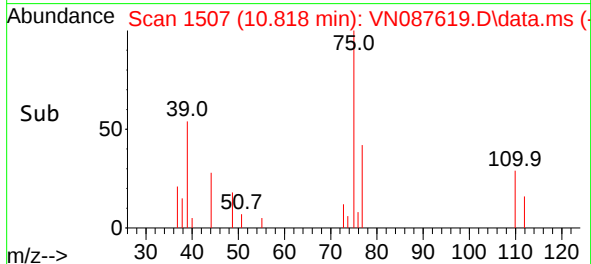
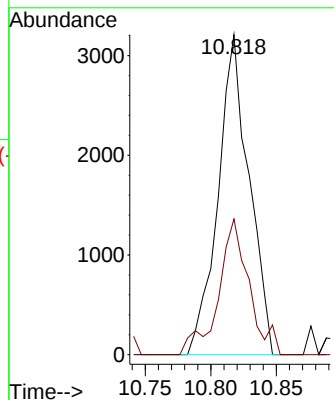
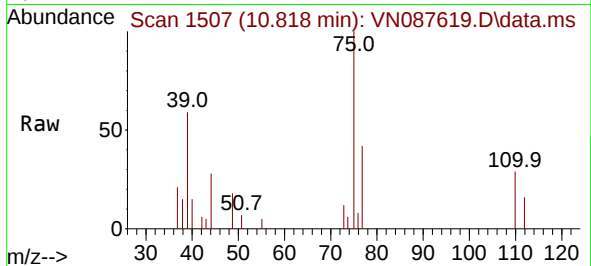




#53
 t-1,3-Dichloropropene
 Concen: 0.917 ug/l
 RT: 10.818 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN087619.D
 Acq: 21 Aug 2025 12:09

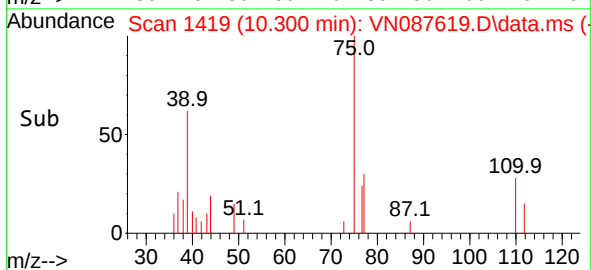
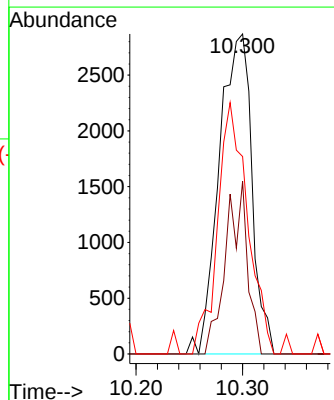
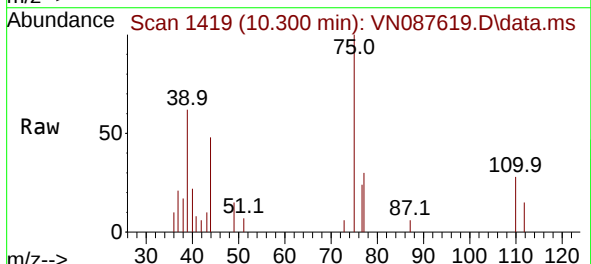
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

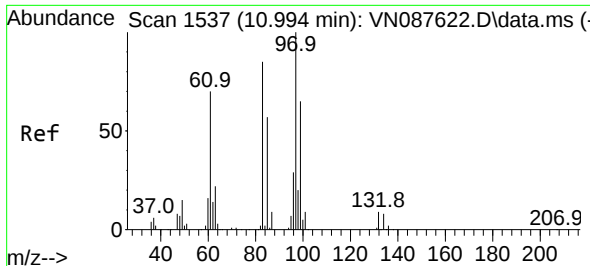
Tgt Ion: 75 Resp: 5278
 Ion Ratio Lower Upper
 75 100
 77 42.4 25.2 37.8#



#54
 cis-1,3-Dichloropropene
 Concen: 1.021 ug/l
 RT: 10.300 min Scan# 1419
 Delta R.T. 0.012 min
 Lab File: VN087619.D
 Acq: 21 Aug 2025 12:09

Tgt Ion: 75 Resp: 6105
 Ion Ratio Lower Upper
 75 100
 77 54.0 24.6 37.0#
 39 61.7 45.2 67.8

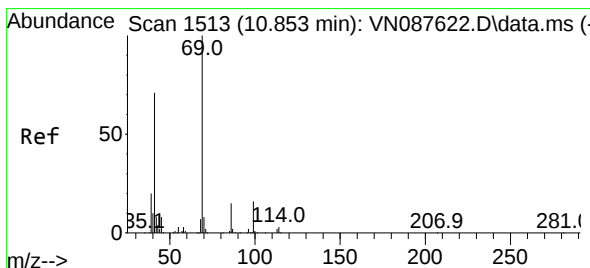
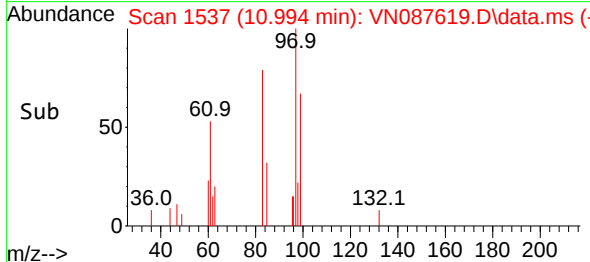
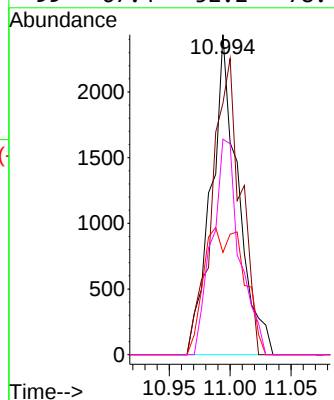
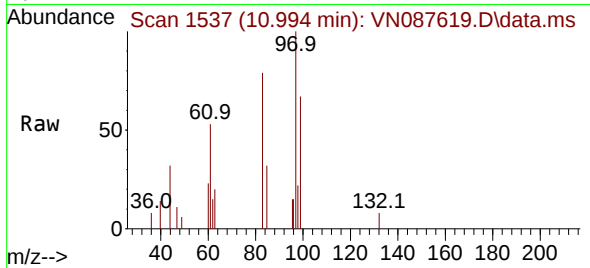




#55
1,1,2-Trichloroethane
Concen: 1.078 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

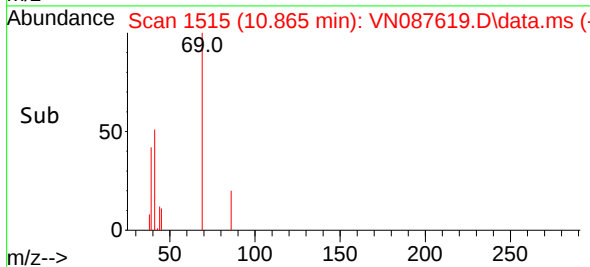
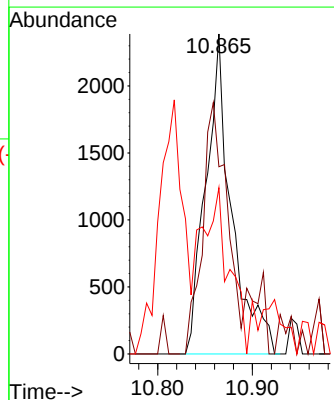
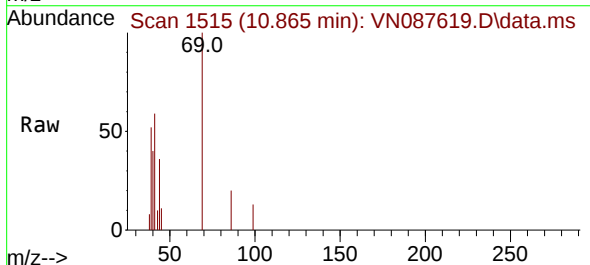
Instrument : MSVOA_N
ClientSampleId : VSTDIC001

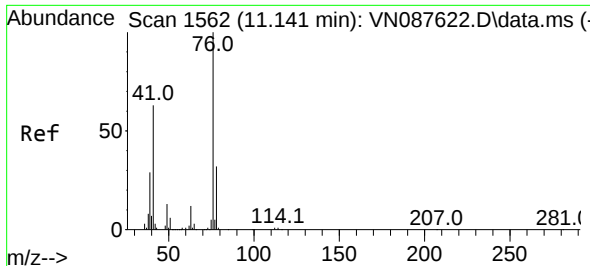
Tgt Ion: 97	Resp: 3739
Ion Ratio	Lower Upper
97 100	
83 78.5	68.2 102.4
85 31.9	45.5 68.3#
99 67.4	52.2 78.4



#56
Ethyl methacrylate
Concen: 0.817 ug/l
RT: 10.865 min Scan# 1515
Delta R.T. 0.012 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

Tgt Ion: 69	Resp: 4529
Ion Ratio	Lower Upper
69 100	
41 74.8	56.5 84.7
39 56.0	34.2 51.4#

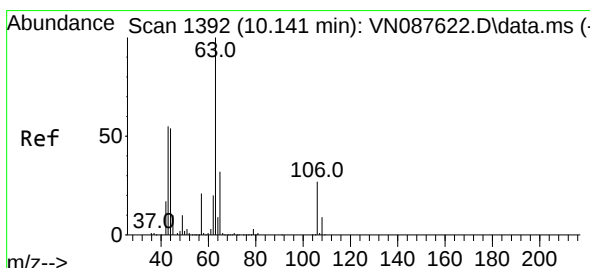
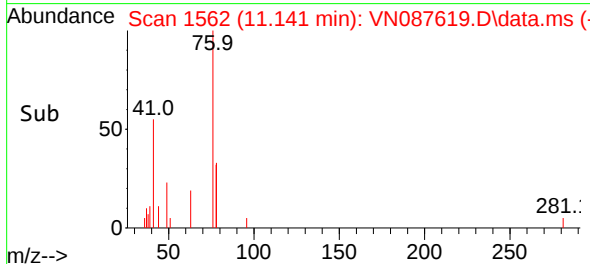
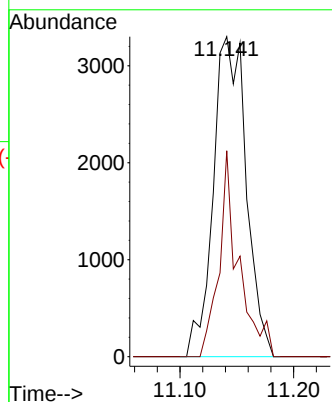
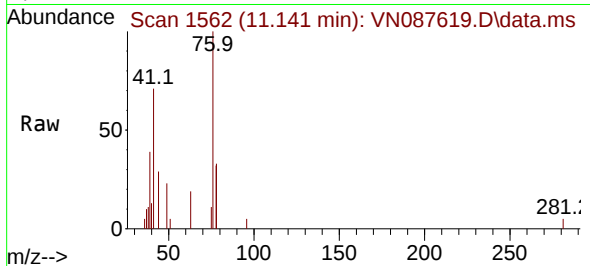




#57
1,3-Dichloropropane
Concen: 1.083 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

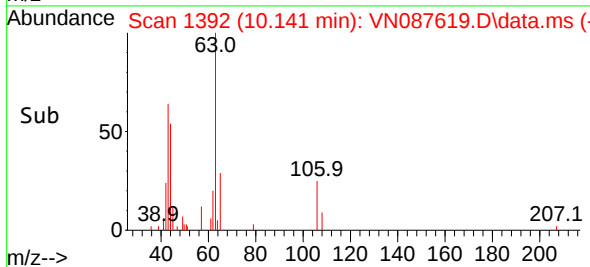
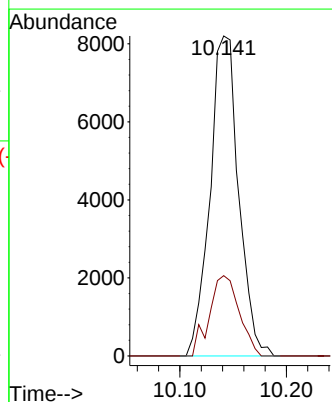
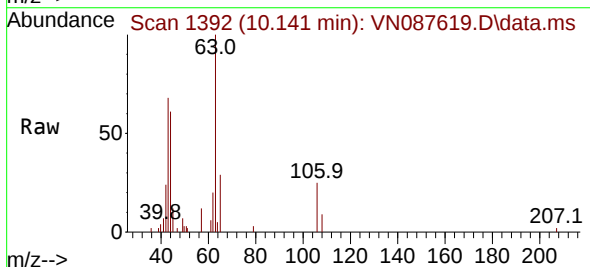
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

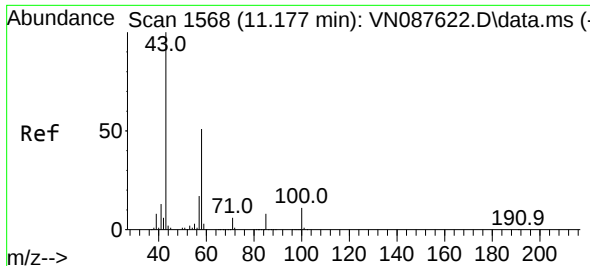
Tgt Ion: 76 Resp: 6652
Ion Ratio Lower Upper
76 100
78 38.2 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 5.109 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

Tgt Ion: 63 Resp: 15333
Ion Ratio Lower Upper
63 100
106 26.2 21.1 31.7

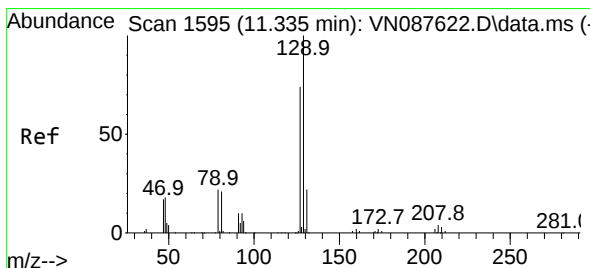
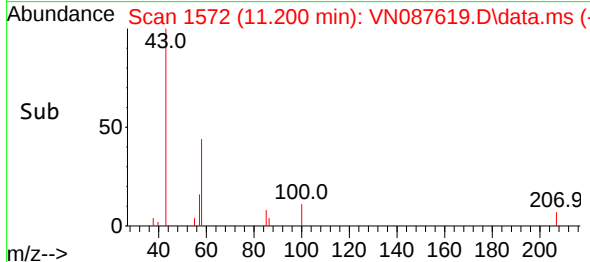
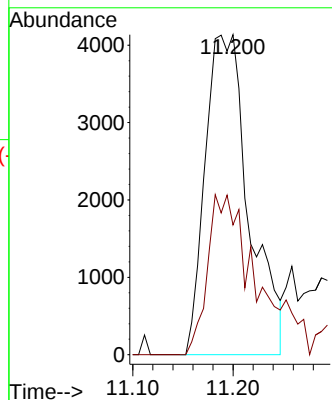
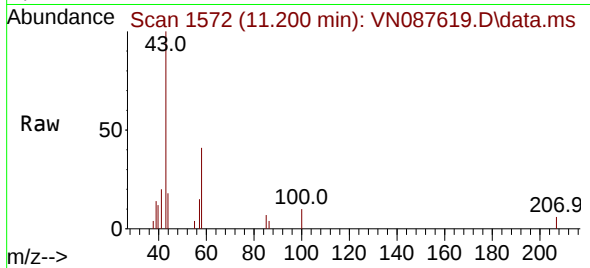




#59
2-Hexanone
Concen: 3.274 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.023 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

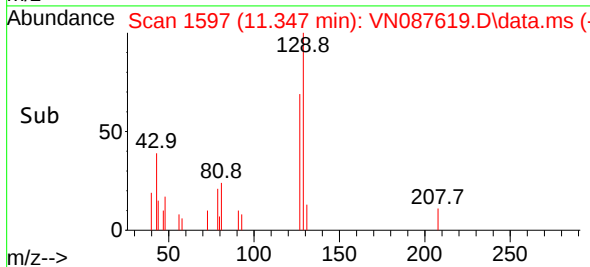
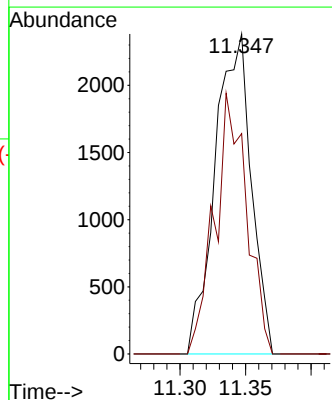
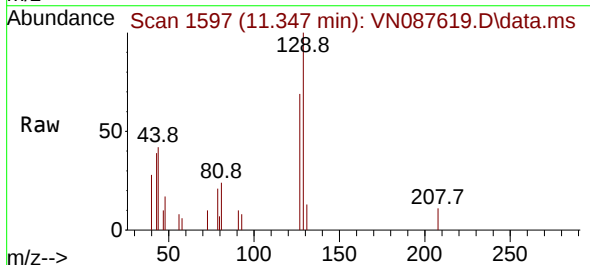
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

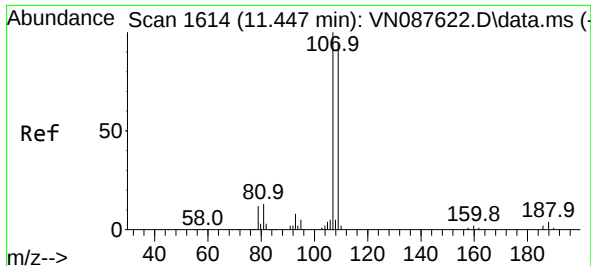
Tgt Ion: 43 Resp: 12564
Ion Ratio Lower Upper
43 100
58 56.0 25.9 77.8



#60
Dibromochloromethane
Concen: 1.133 ug/l
RT: 11.347 min Scan# 1597
Delta R.T. 0.012 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

Tgt Ion: 129 Resp: 4554
Ion Ratio Lower Upper
129 100
127 72.4 39.1 117.3

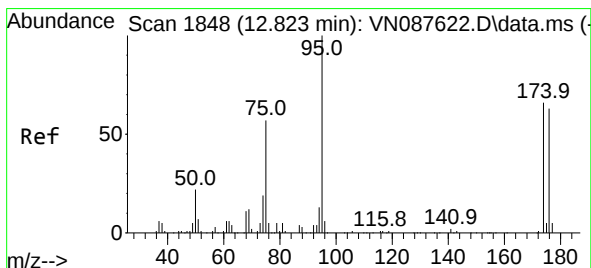
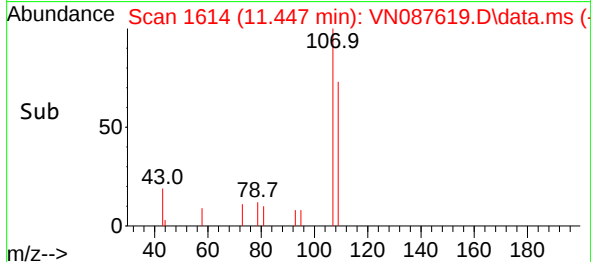
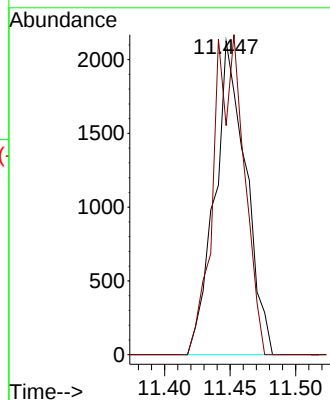
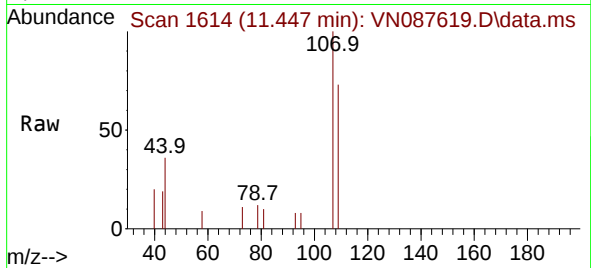




#61
1,2-Dibromoethane
Concen: 0.960 ug/l
RT: 11.447 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

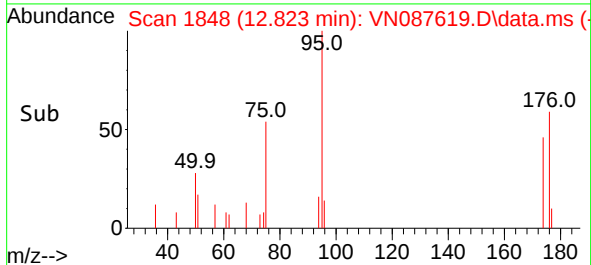
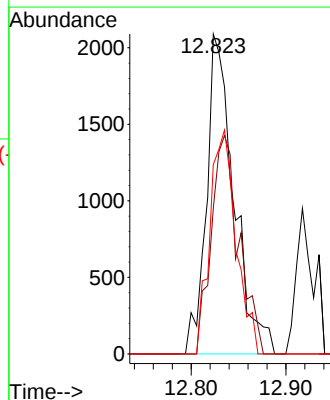
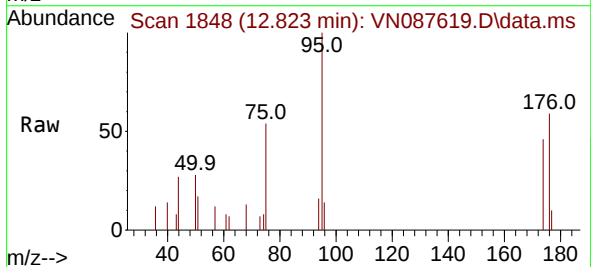
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

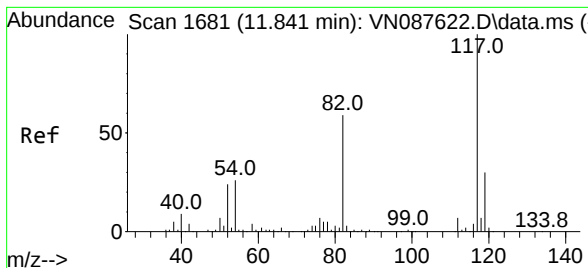
Tgt Ion:107 Resp: 3511
Ion Ratio Lower Upper
107 100
109 100.1 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 1.027 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

Tgt Ion: 95 Resp: 4202
Ion Ratio Lower Upper
95 100
174 68.8 0.0 138.4
176 66.4 0.0 132.6

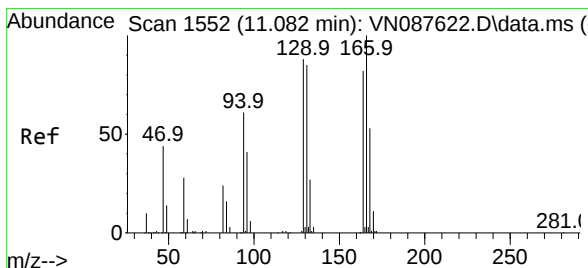
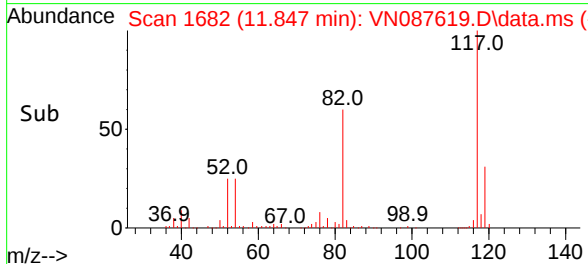
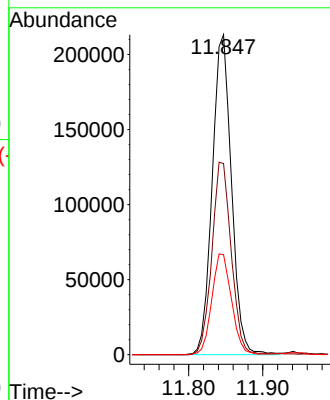
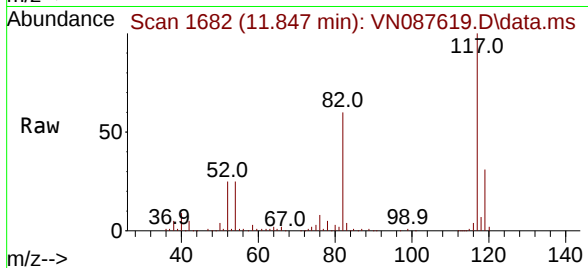




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

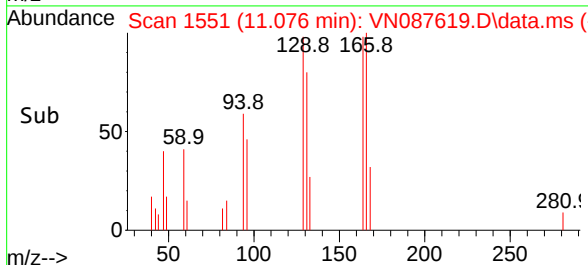
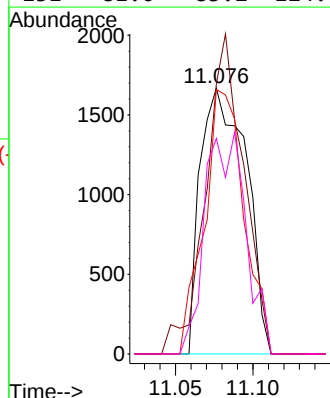
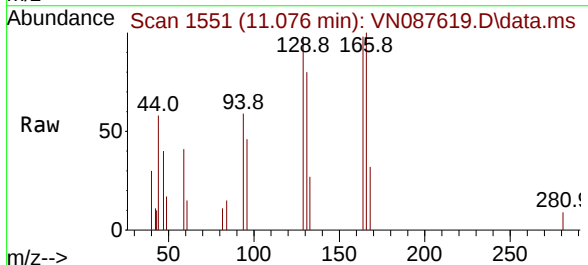
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

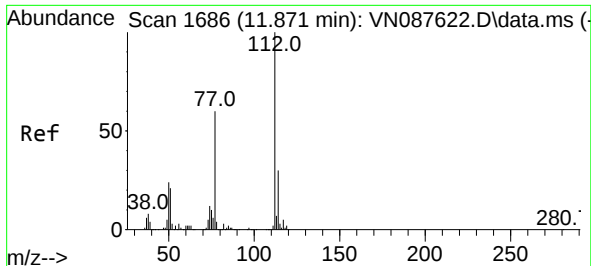
Tgt Ion:117 Resp: 384310
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 31.3 24.3 36.5



#64
Tetrachloroethene
Concen: 1.288 ug/l
RT: 11.076 min Scan# 1551
Delta R.T. -0.006 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

Tgt Ion:164 Resp: 3433
Ion Ratio Lower Upper
164 100
166 101.6 97.7 146.5
129 99.5 85.9 128.9
131 81.0 83.2 124.8#

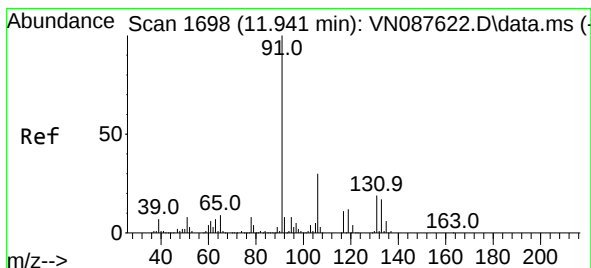
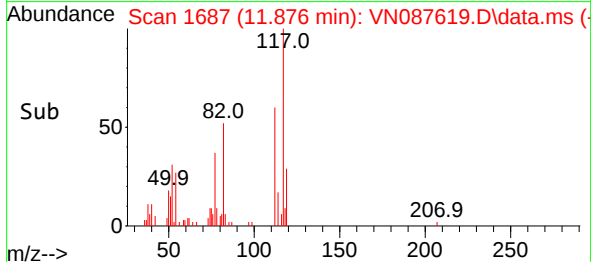
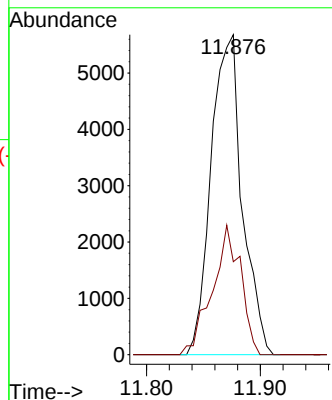
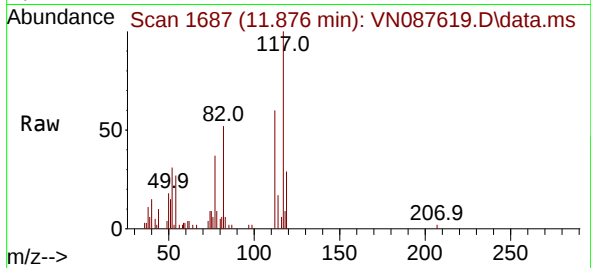




#65
Chlorobenzene
Concen: 1.132 ug/l
RT: 11.876 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

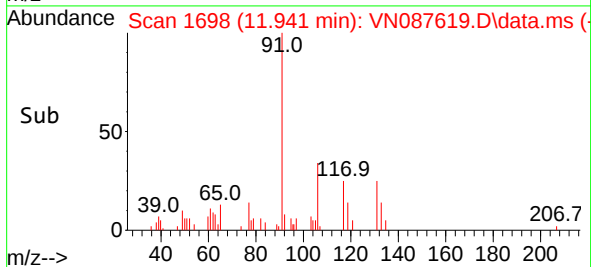
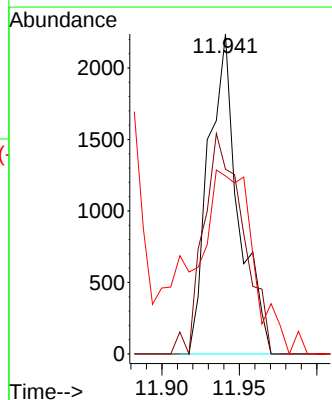
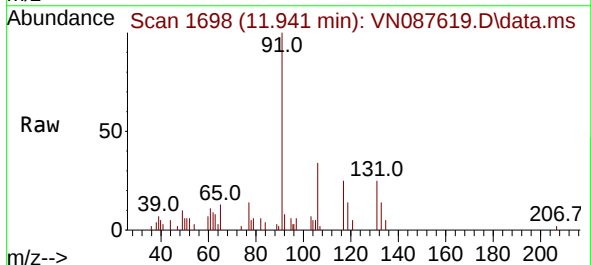
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

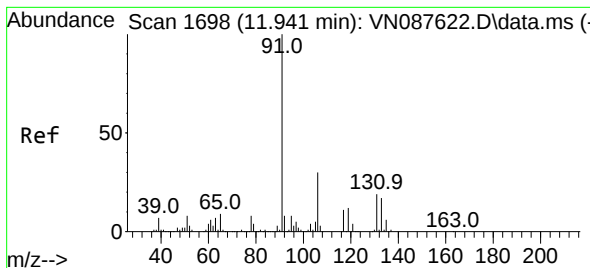
Tgt Ion:112 Resp: 10823
Ion Ratio Lower Upper
112 100
114 29.1 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 0.948 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

Tgt Ion:131 Resp: 3009
Ion Ratio Lower Upper
131 100
133 90.8 48.0 144.0
119 0.0 32.6 97.7#





#67

Ethyl Benzene

Concen: 1.037 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VN087619.D

Acq: 21 Aug 2025 12:09

Instrument :

MSVOA_N

ClientSampleId :

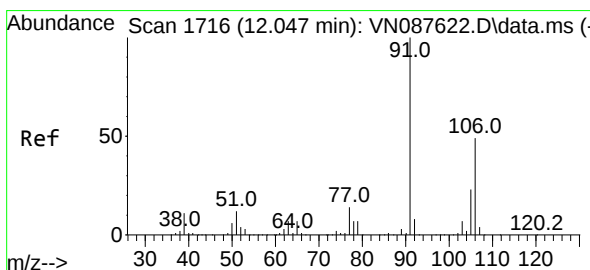
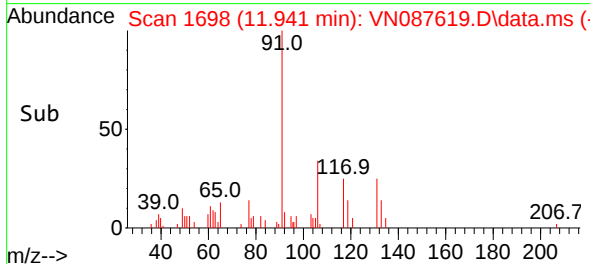
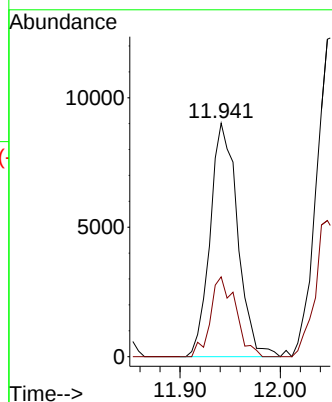
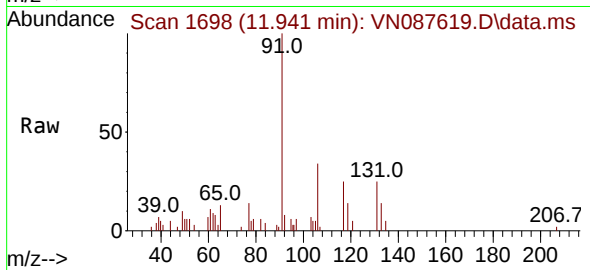
VSTDIC001

Tgt Ion: 91 Resp: 17159

Ion Ratio Lower Upper

91 100

106 34.2 24.1 36.1



#68

m/p-Xylenes

Concen: 1.921 ug/l

RT: 12.047 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VN087619.D

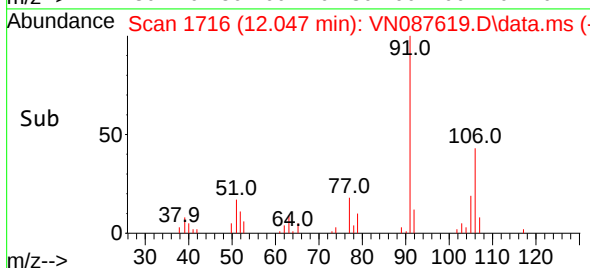
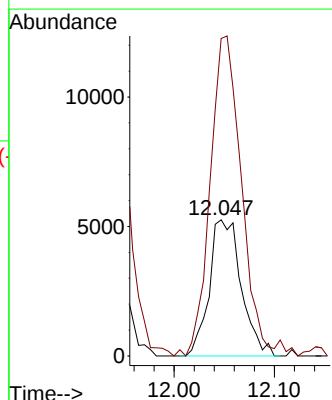
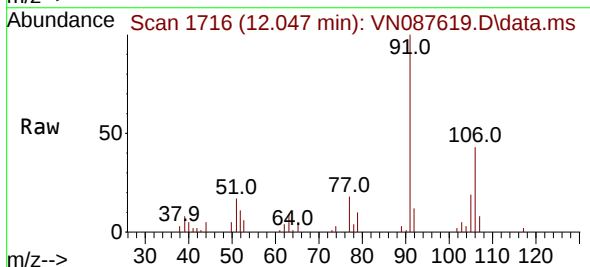
Acq: 21 Aug 2025 12:09

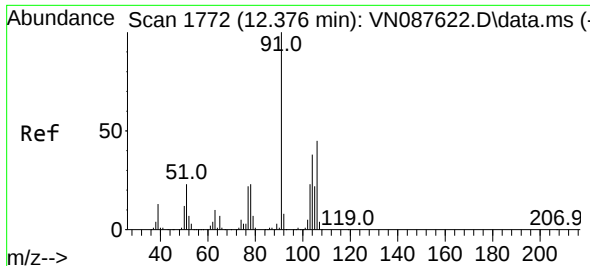
Tgt Ion: 106 Resp: 11663

Ion Ratio Lower Upper

106 100

91 227.2 169.3 253.9

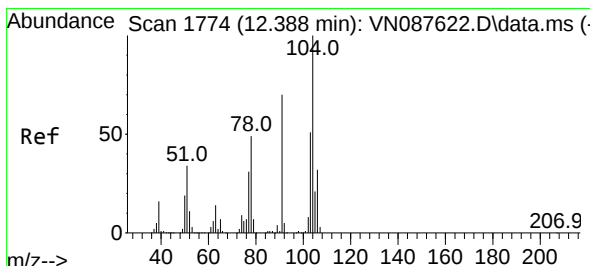
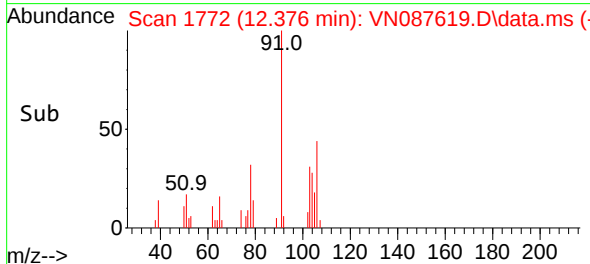
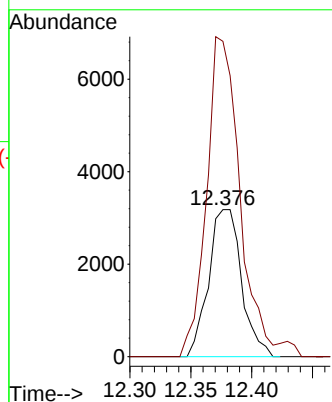
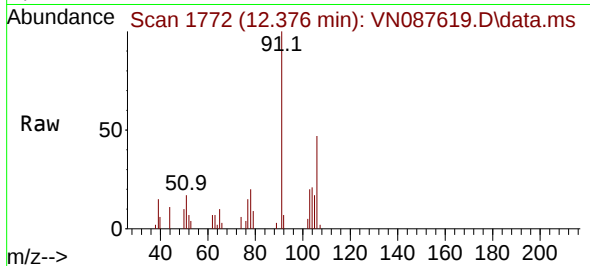




#69
o-Xylene
Concen: 1.003 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

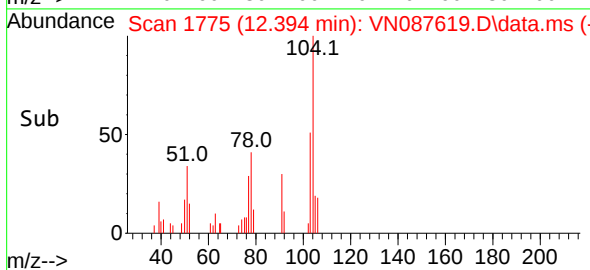
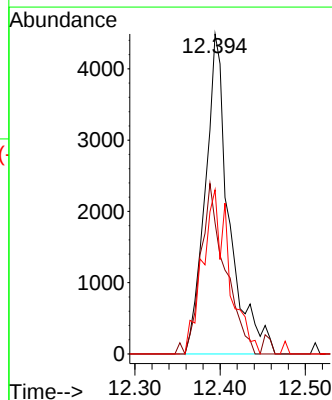
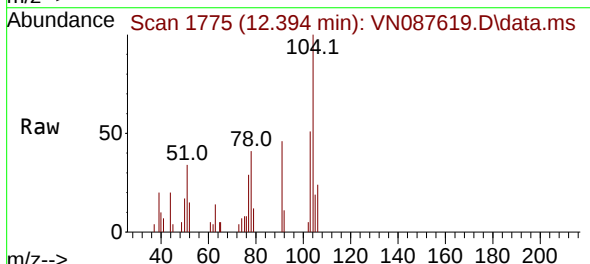
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

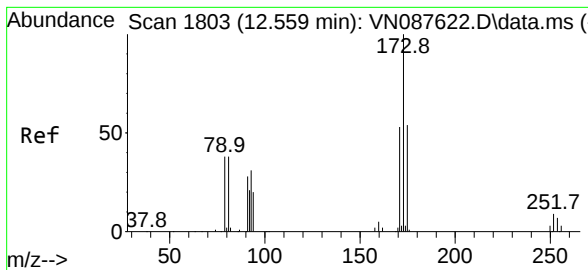
Tgt Ion:106 Resp: 5970
Ion Ratio Lower Upper
106 100
91 223.2 111.4 334.2



#70
Styrene
Concen: 0.881 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

Tgt Ion:104 Resp: 8781
Ion Ratio Lower Upper
104 100
78 54.4 42.2 63.2
103 57.0 43.4 65.2

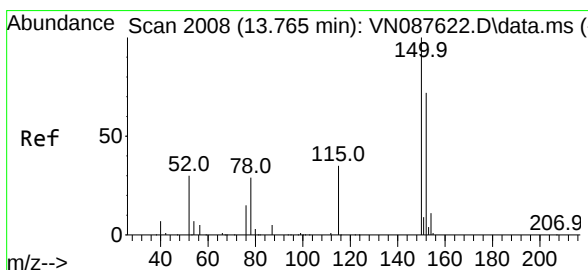
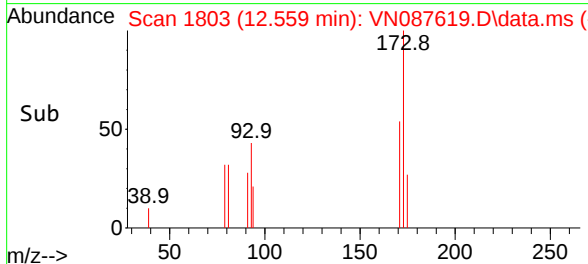
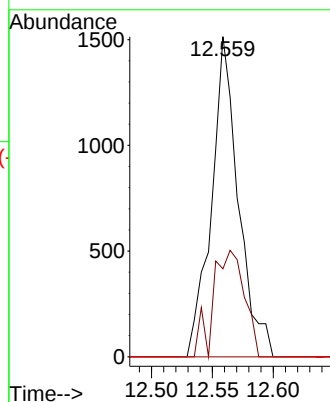
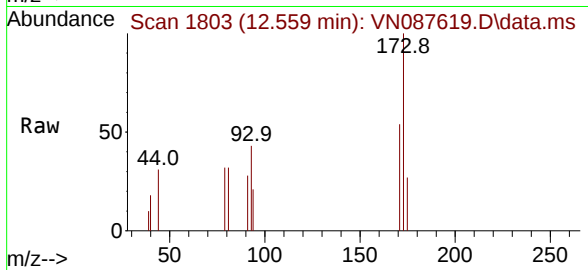




#71
Bromoform
Concen: 0.956 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

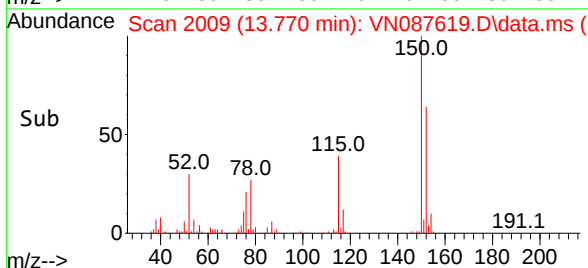
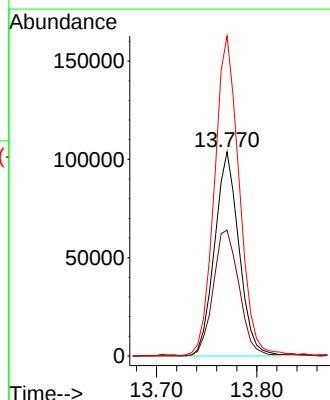
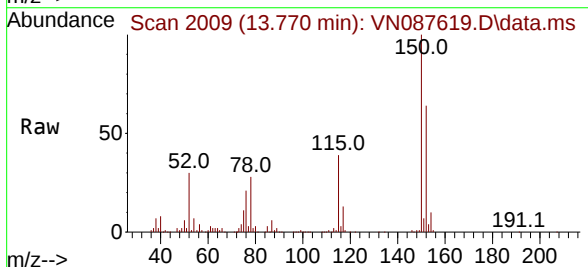
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

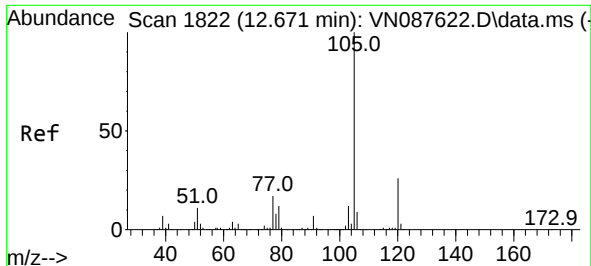
Tgt Ion:173 Resp: 2328
Ion Ratio Lower Upper
173 100
175 38.6 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

Tgt Ion:152 Resp: 174637
Ion Ratio Lower Upper
152 100
115 66.2 32.3 96.8
150 161.4 0.0 351.0

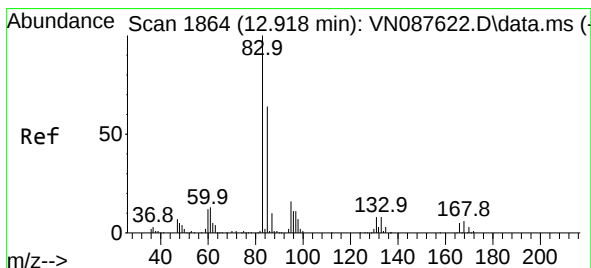
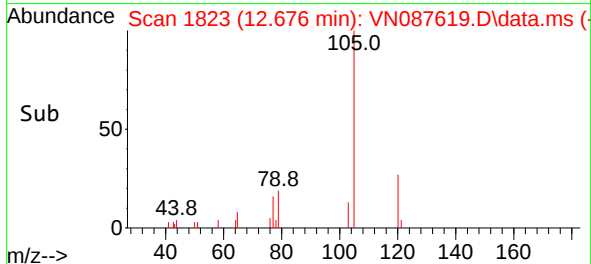
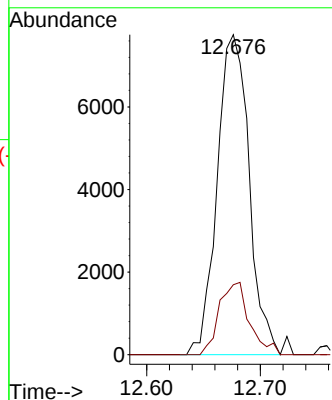
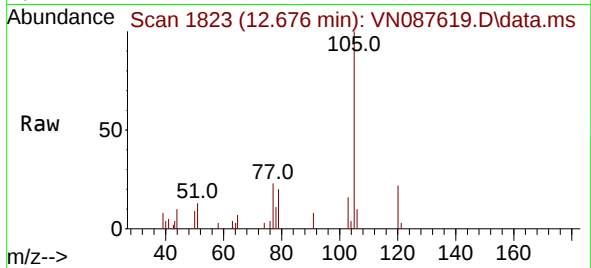




#73
Isopropylbenzene
Concen: 1.071 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.006 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

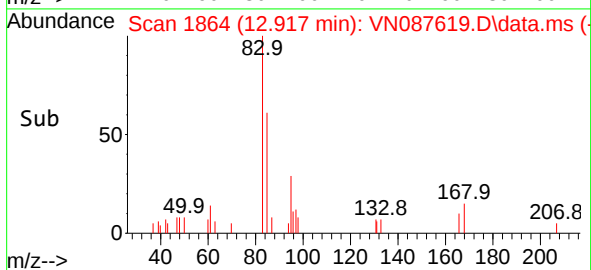
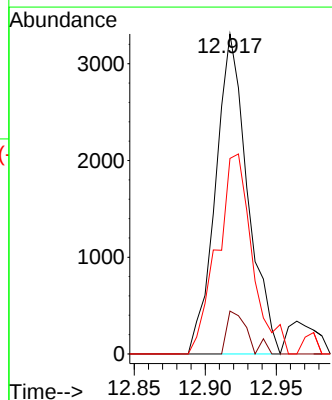
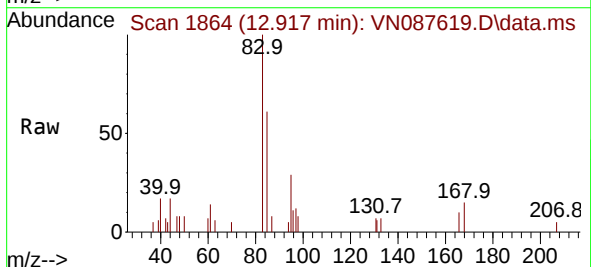
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

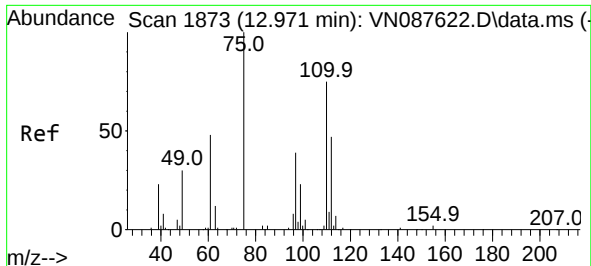
Tgt Ion:105 Resp: 15118
Ion Ratio Lower Upper
105 100
120 21.3 12.8 38.3



#75
1,1,2,2-Tetrachloroethane
Concen: 1.070 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

Tgt Ion: 83 Resp: 5198
Ion Ratio Lower Upper
83 100
131 8.6 4.8 14.4
85 68.4 32.1 96.3

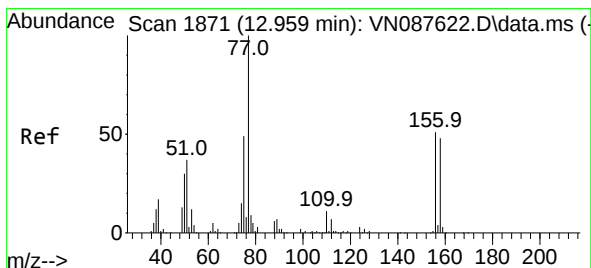
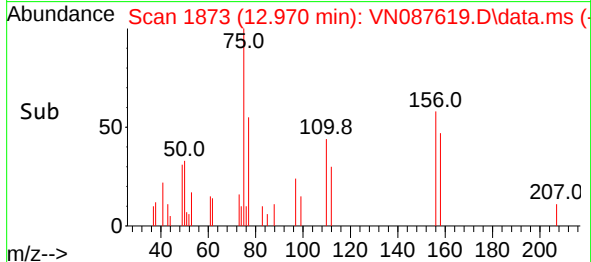
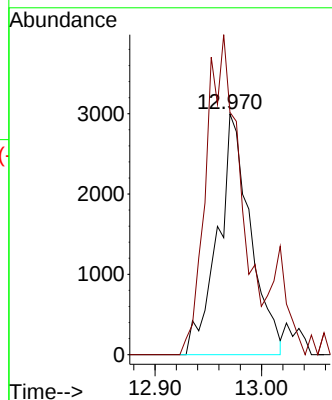
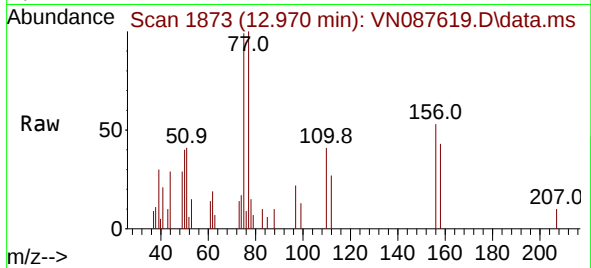




#76
1,2,3-Trichloropropane
Concen: 1.549 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

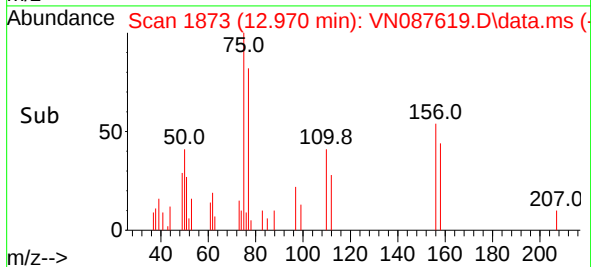
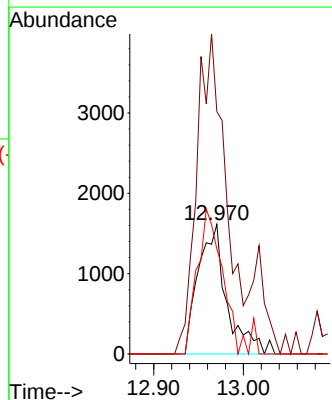
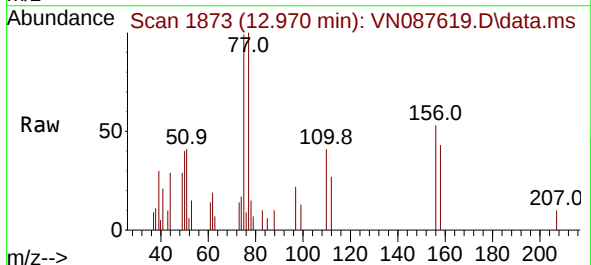
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

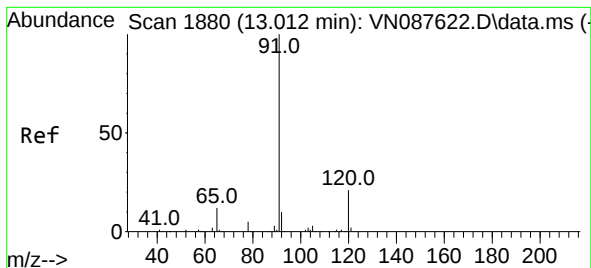
Tgt Ion: 75 Resp: 6357
Ion Ratio Lower Upper
75 100
77 138.3 89.1 267.4



#77
Bromobenzene
Concen: 1.070 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. 0.012 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

Tgt Ion:156 Resp: 3560
Ion Ratio Lower Upper
156 100
77 247.0 119.3 358.0
158 98.6 48.2 144.6





#78

n-propylbenzene

Concen: 1.032 ug/l

RT: 13.017 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VN087619.D

Acq: 21 Aug 2025 12:09

Instrument :

MSVOA_N

ClientSampleId :

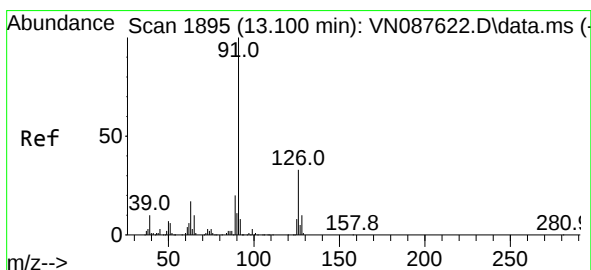
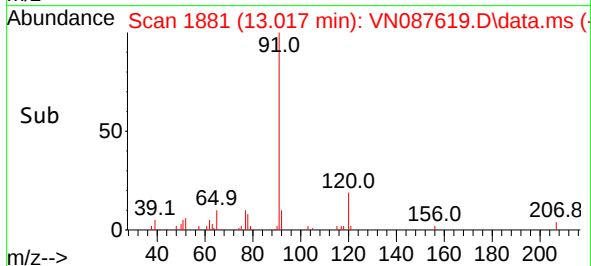
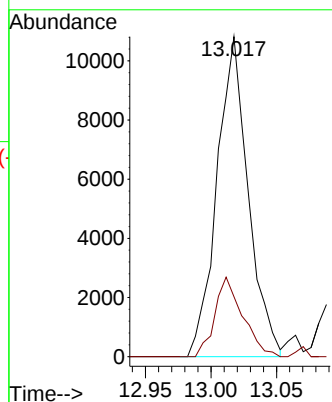
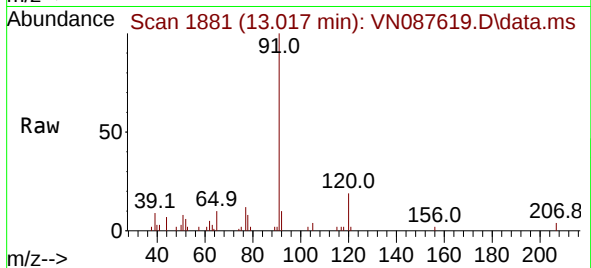
VSTDIC001

Tgt Ion: 91 Resp: 17943

Ion Ratio Lower Upper

91 100

120 22.1 10.7 32.1



#79

2-Chlorotoluene

Concen: 0.972 ug/l

RT: 13.112 min Scan# 1897

Delta R.T. 0.012 min

Lab File: VN087619.D

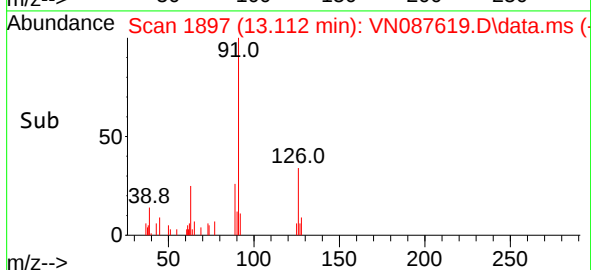
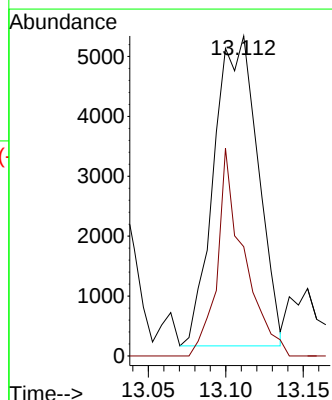
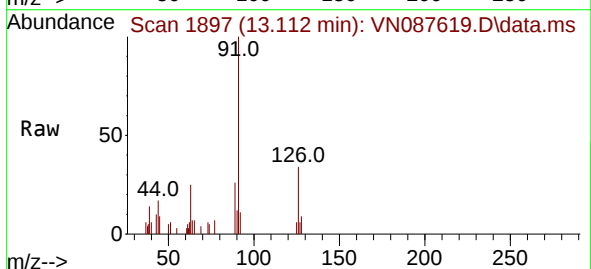
Acq: 21 Aug 2025 12:09

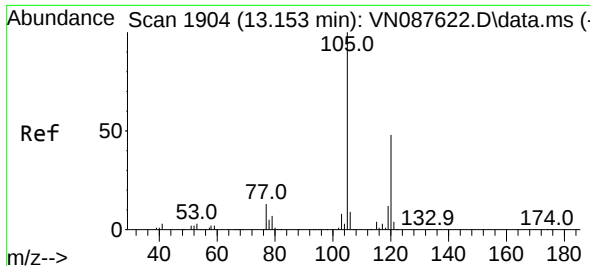
Tgt Ion: 91 Resp: 10167

Ion Ratio Lower Upper

91 100

126 40.6 16.1 48.3

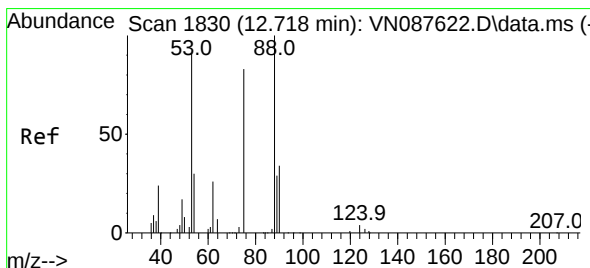
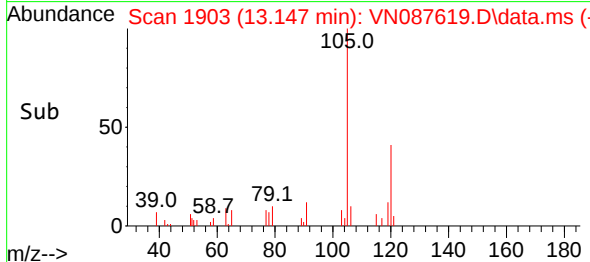
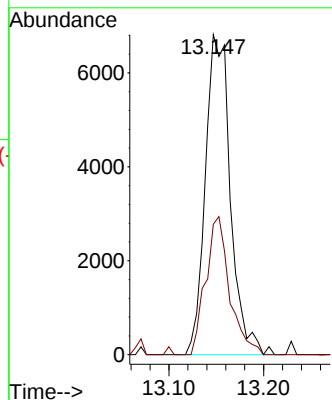
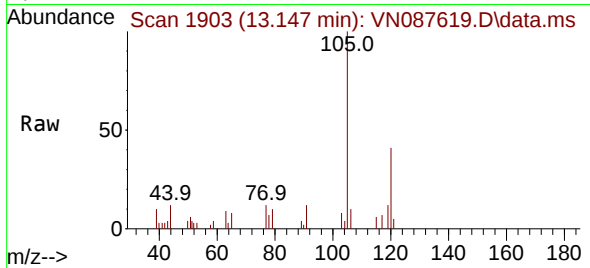




#80
 1,3,5-Trimethylbenzene
 Concen: 1.046 ug/l
 RT: 13.147 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VN087619.D
 Acq: 21 Aug 2025 12:09

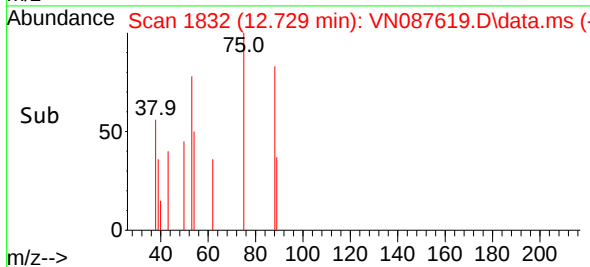
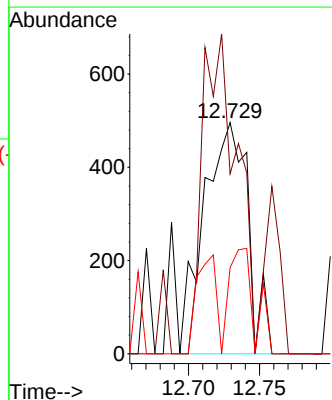
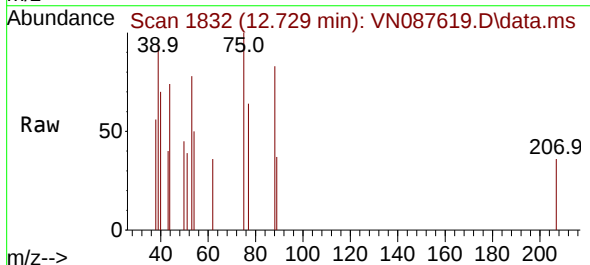
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

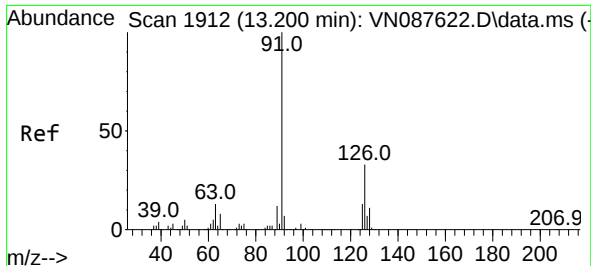
Tgt Ion:105 Resp: 12525
 Ion Ratio Lower Upper
 105 100
 120 41.1 23.2 69.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 0.696 ug/l
 RT: 12.729 min Scan# 1832
 Delta R.T. 0.012 min
 Lab File: VN087619.D
 Acq: 21 Aug 2025 12:09

Tgt Ion: 75 Resp: 1076
 Ion Ratio Lower Upper
 75 100
 53 108.0 101.8 152.6
 89 18.7 35.6 53.4#

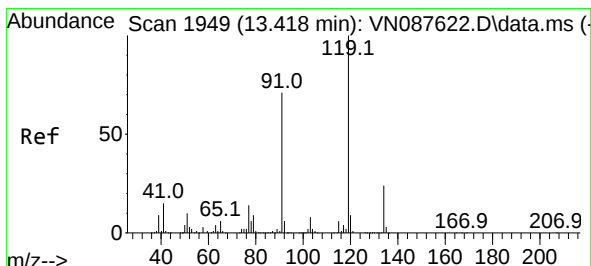
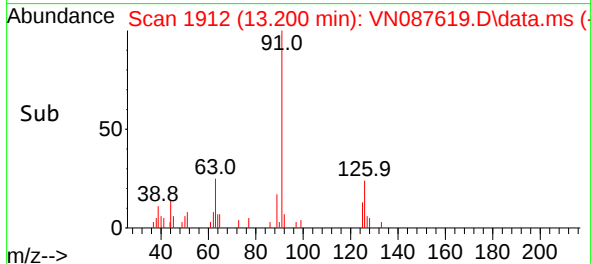
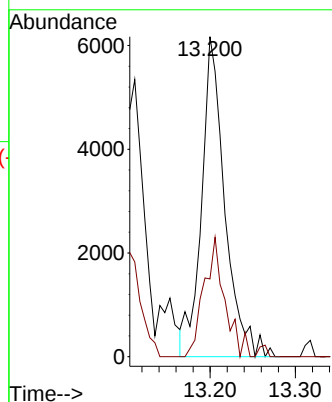
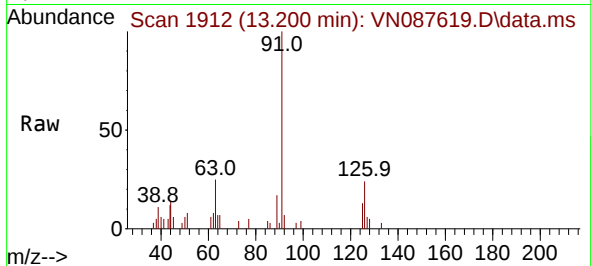




#82
4-Chlorotoluene
Concen: 1.065 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

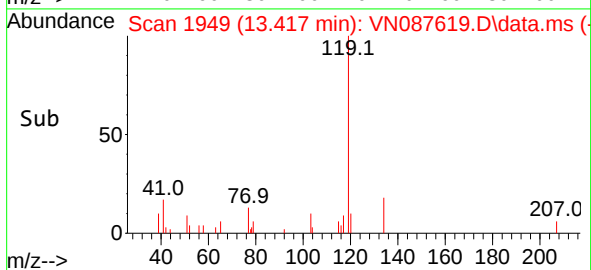
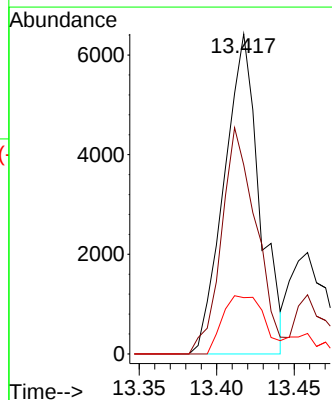
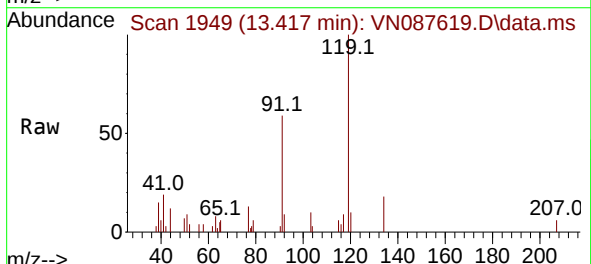
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

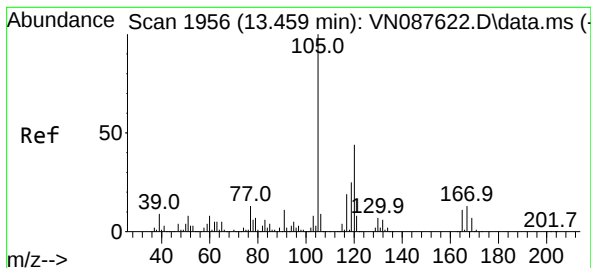
Tgt Ion: 91 Resp: 11708
Ion Ratio Lower Upper
91 100
126 33.4 15.6 46.8



#83
tert-Butylbenzene
Concen: 1.020 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

Tgt Ion: 119 Resp: 10175
Ion Ratio Lower Upper
119 100
91 70.6 35.0 105.0
134 21.6 12.6 37.8





#84

1,2,4-Trimethylbenzene

Concen: 1.021 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN087619.D

Acq: 21 Aug 2025 12:09

Instrument :

MSVOA_N

ClientSampleId :

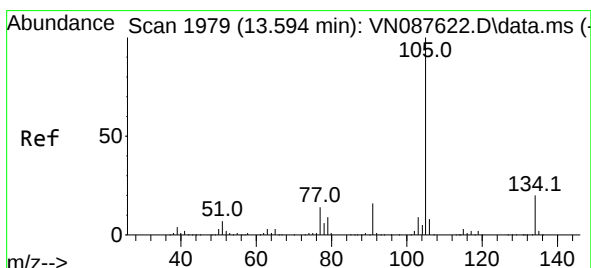
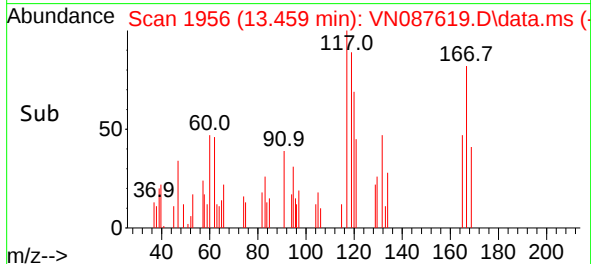
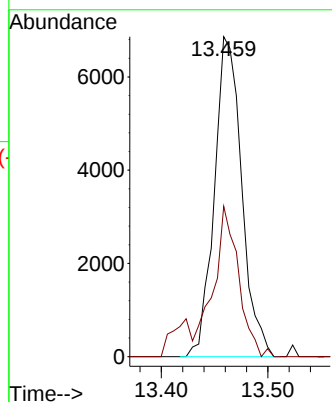
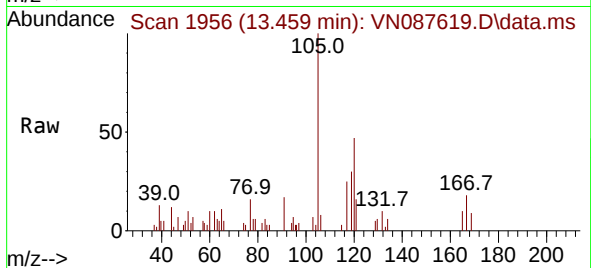
VSTDIC001

Tgt Ion:105 Resp: 12231

Ion Ratio Lower Upper

105 100

120 43.2 22.0 66.0



#85

sec-Butylbenzene

Concen: 1.053 ug/l

RT: 13.588 min Scan# 1978

Delta R.T. -0.006 min

Lab File: VN087619.D

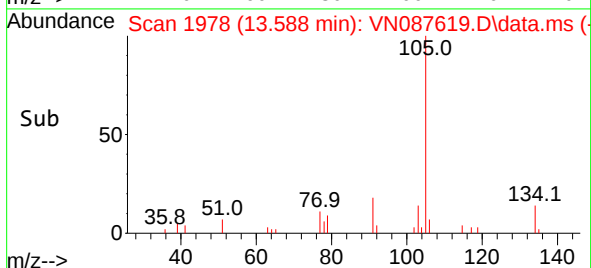
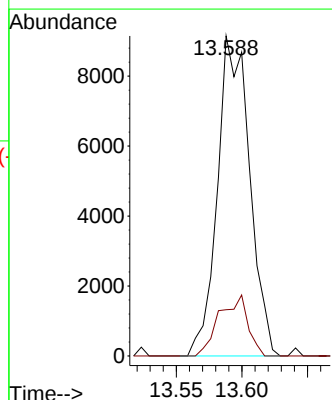
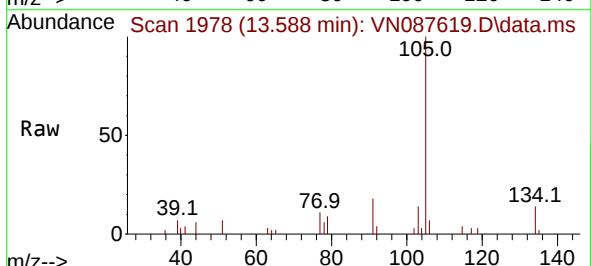
Acq: 21 Aug 2025 12:09

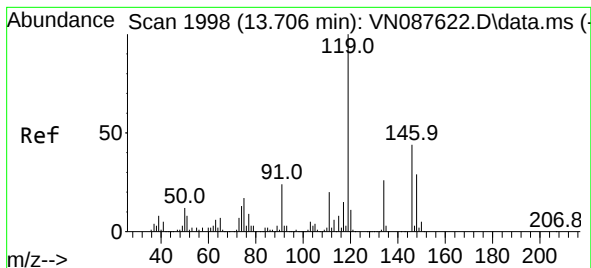
Tgt Ion:105 Resp: 15591

Ion Ratio Lower Upper

105 100

134 16.8 9.6 28.6





#86

p-Isopropyltoluene

Concen: 1.044 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VN087619.D

Acq: 21 Aug 2025 12:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

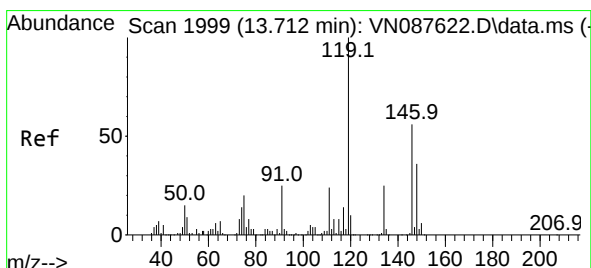
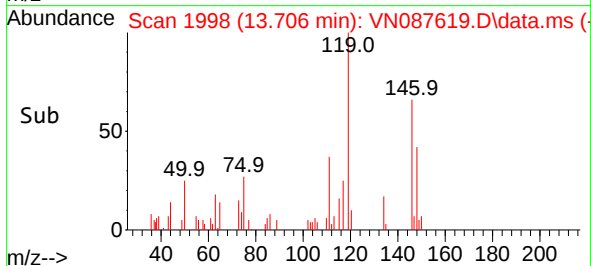
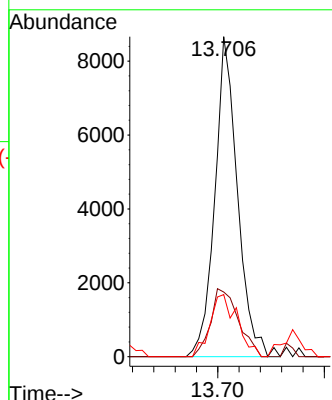
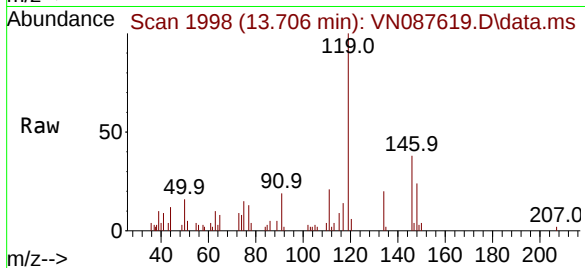
Tgt Ion:119 Resp: 12768

Ion Ratio Lower Upper

119 100

134 26.0 12.7 38.0

91 23.6 12.5 37.5



#87

1,3-Dichlorobenzene

Concen: 1.113 ug/l

RT: 13.717 min Scan# 2000

Delta R.T. 0.006 min

Lab File: VN087619.D

Acq: 21 Aug 2025 12:09

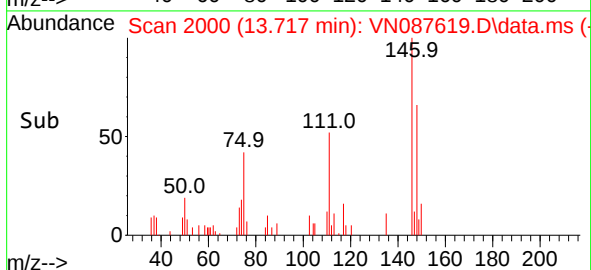
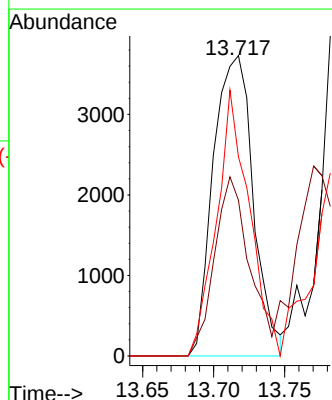
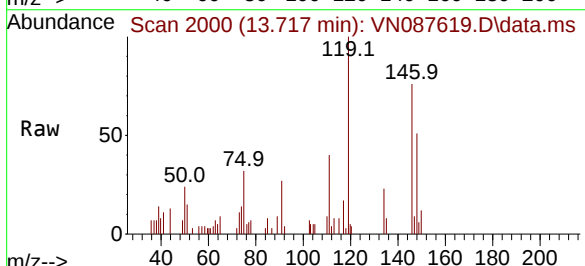
Tgt Ion:146 Resp: 7290

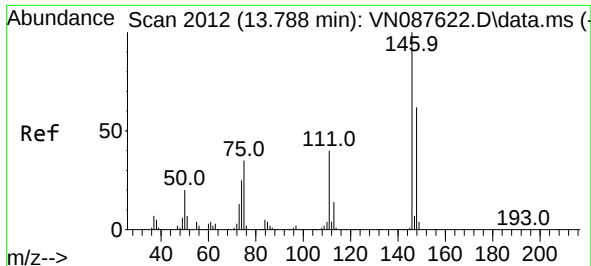
Ion Ratio Lower Upper

146 100

111 52.3 22.1 66.5

148 72.6 32.0 96.2

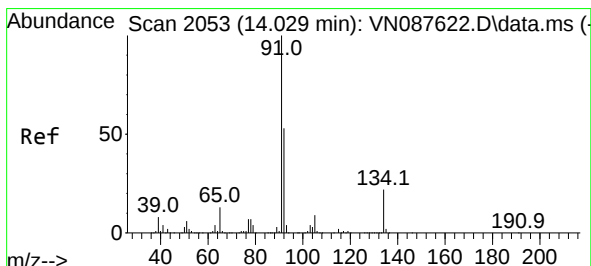
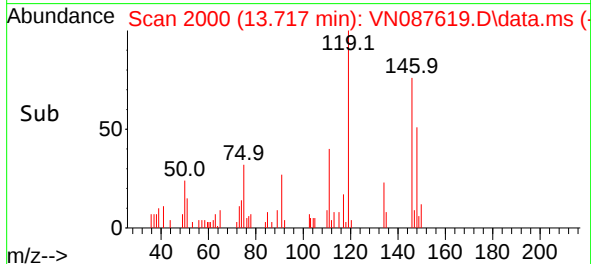
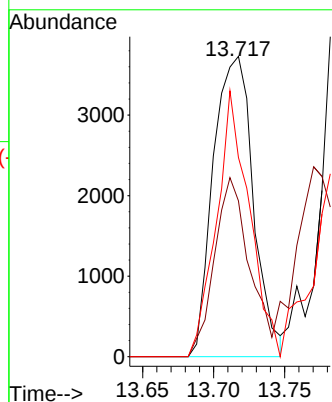
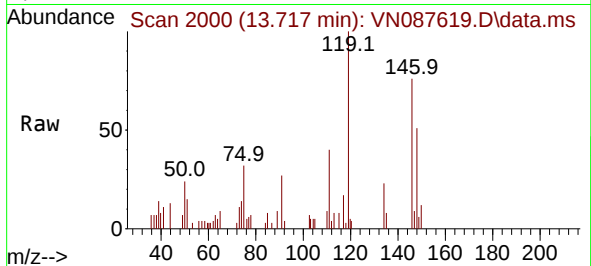




#88
1,4-Dichlorobenzene
Concen: 1.069 ug/l
RT: 13.717 min Scan# 2012
Delta R.T. -0.071 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

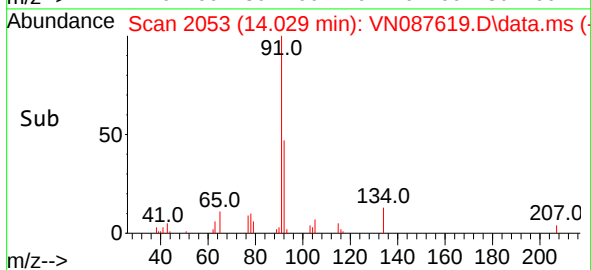
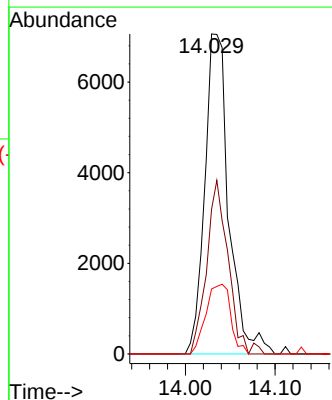
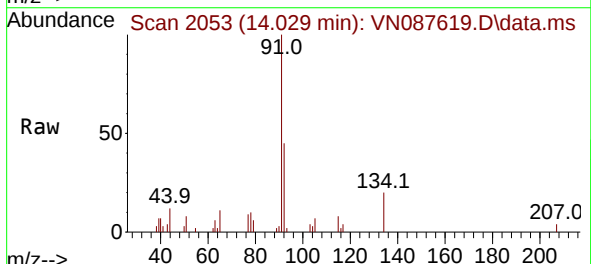
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

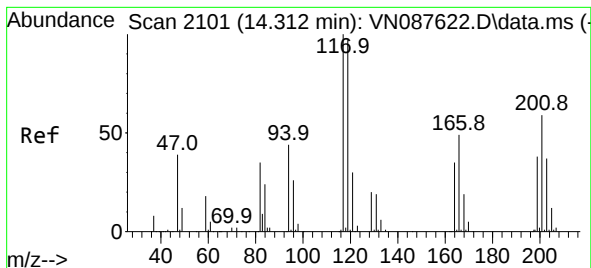
Tgt Ion:146 Resp: 7290
Ion Ratio Lower Upper
146 100
111 52.3 21.0 63.0
148 72.6 32.0 96.0



#89
n-Butylbenzene
Concen: 1.083 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. -0.000 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

Tgt Ion: 91 Resp: 13148
Ion Ratio Lower Upper
91 100
92 48.6 25.9 77.8
134 22.5 11.7 35.0





#90

Hexachloroethane

Concen: 1.113 ug/l

RT: 14.311 min Scan# 2101

Delta R.T. -0.000 min

Lab File: VN087619.D

Acq: 21 Aug 2025 12:09

Instrument :

MSVOA_N

ClientSampleId :

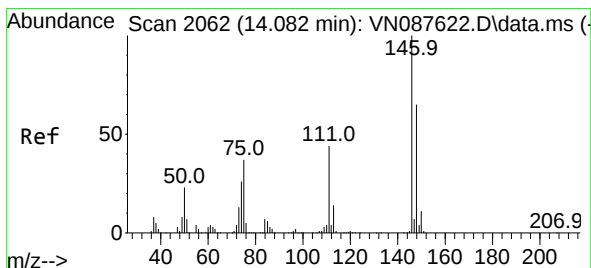
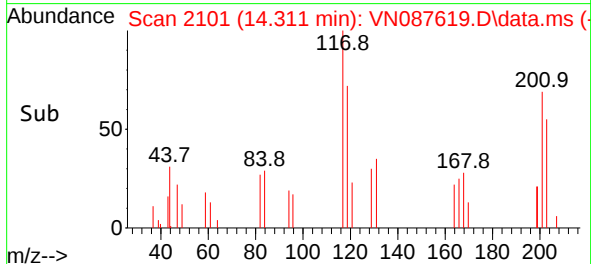
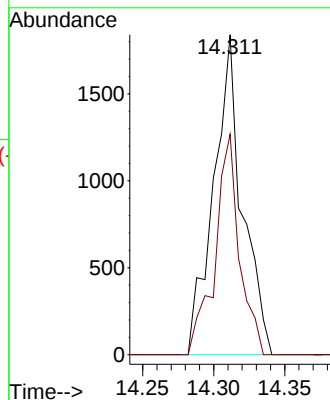
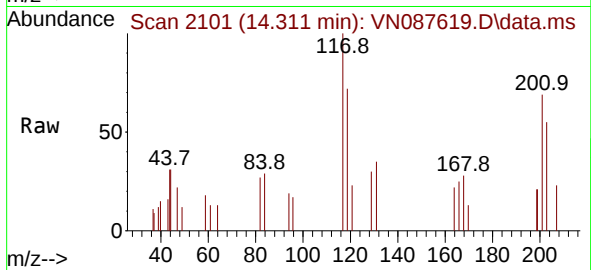
VSTDIC001

Tgt Ion:117 Resp: 2591

Ion Ratio Lower Upper

117 100

201 58.0 29.1 87.4



#91

1,2-Dichlorobenzene

Concen: 1.091 ug/l

RT: 14.094 min Scan# 2064

Delta R.T. 0.012 min

Lab File: VN087619.D

Acq: 21 Aug 2025 12:09

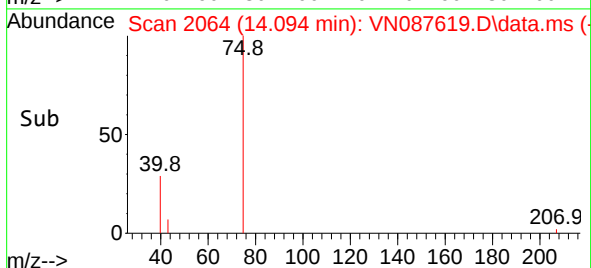
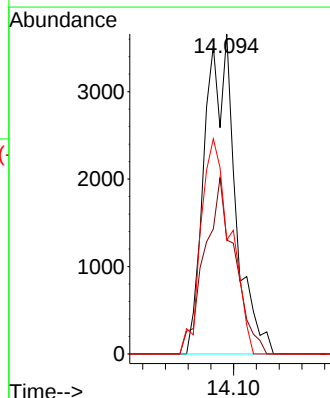
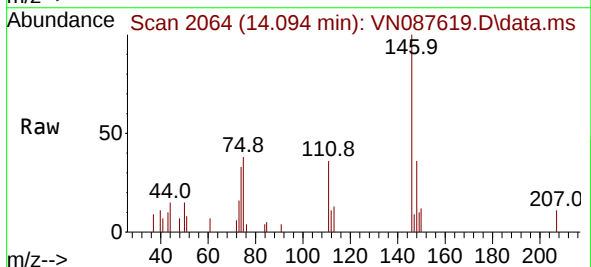
Tgt Ion:146 Resp: 6783

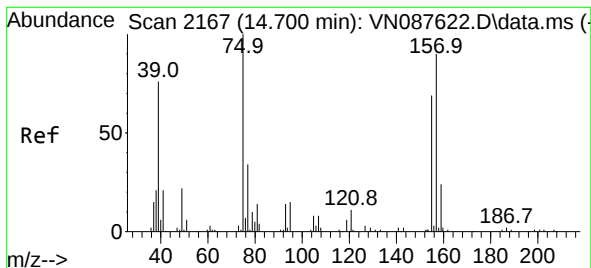
Ion Ratio Lower Upper

146 100

111 54.3 22.6 67.8

148 65.1 31.9 95.9

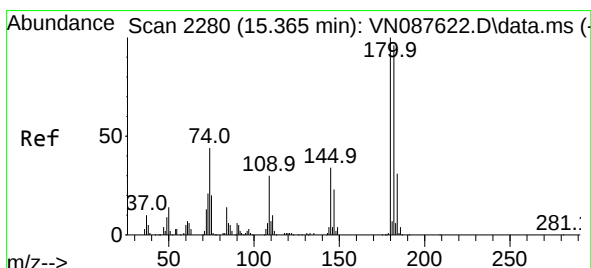
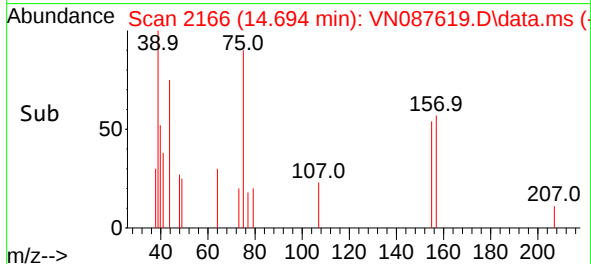
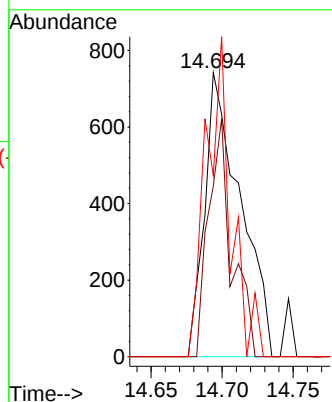
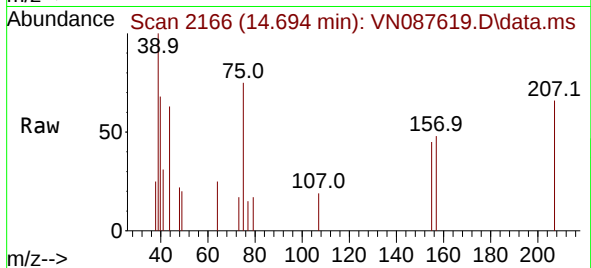




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.120 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.006 min
 Lab File: VN087619.D
 Acq: 21 Aug 2025 12:09

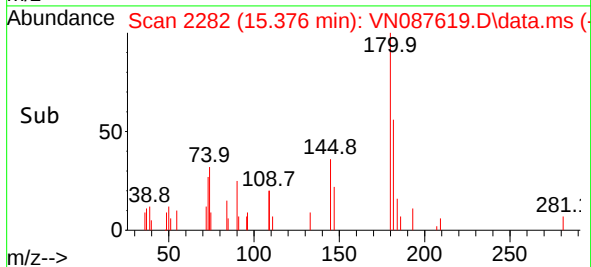
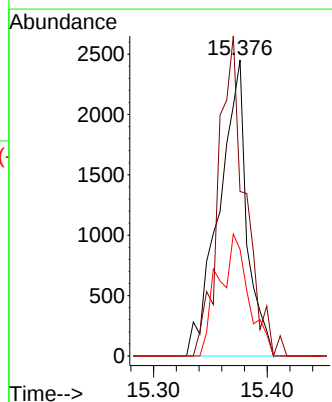
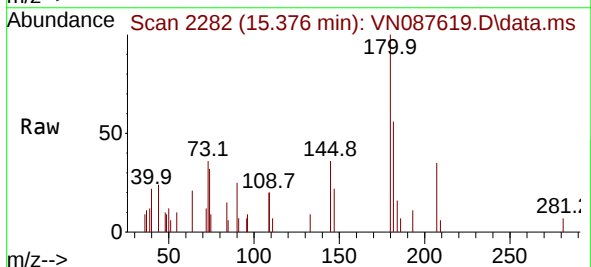
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

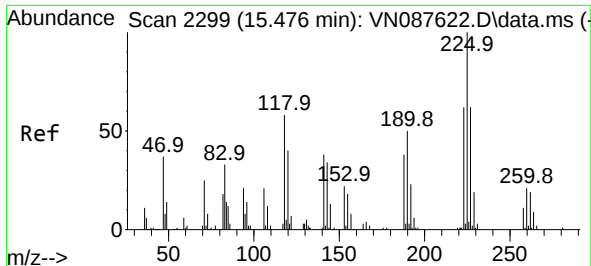
Tgt Ion: 75 Resp: 1293
 Ion Ratio Lower Upper
 75 100
 155 54.7 36.6 109.9
 157 78.4 45.6 136.9



#93
 1,2,4-Trichlorobenzene
 Concen: 1.115 ug/l
 RT: 15.376 min Scan# 2282
 Delta R.T. 0.012 min
 Lab File: VN087619.D
 Acq: 21 Aug 2025 12:09

Tgt Ion: 180 Resp: 4163
 Ion Ratio Lower Upper
 180 100
 182 104.2 47.6 142.9
 145 44.7 16.5 49.5

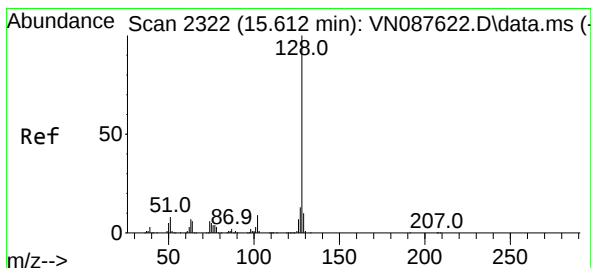
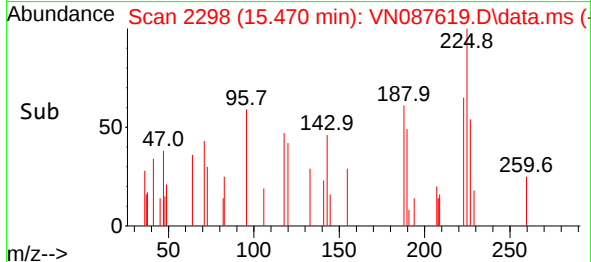
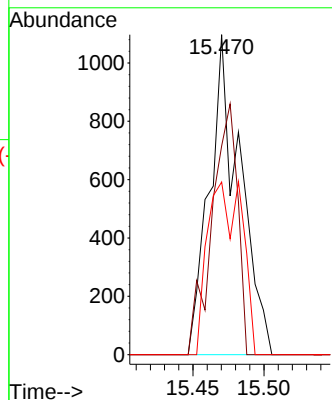
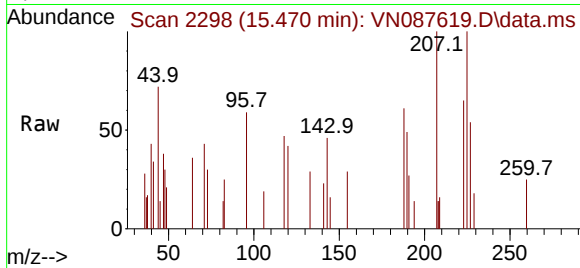




#94
Hexachlorobutadiene
Concen: 1.230 ug/l
RT: 15.470 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

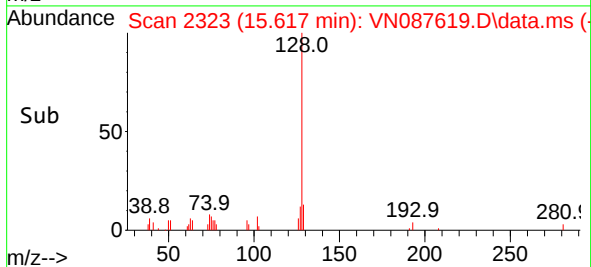
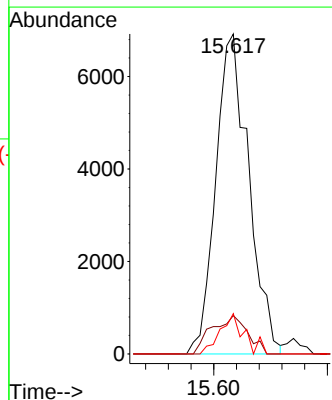
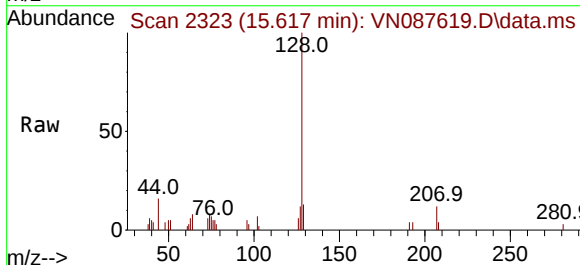
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

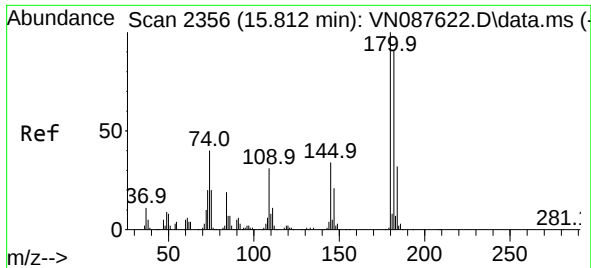
Tgt Ion:	225	Resp:	1637
Ion	Ratio	Lower	Upper
225	100		
223	65.7	32.0	96.2
227	61.3	32.1	96.5



#95
Naphthalene
Concen: 1.054 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.006 min
Lab File: VN087619.D
Acq: 21 Aug 2025 12:09

Tgt Ion:	128	Resp:	13934
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	9.3	8.6	12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 1.091 ug/l
 RT: 15.811 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN087619.D
 Acq: 21 Aug 2025 12:09

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.9	46.8	140.3
145	45.7	17.3	52.0

