

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060925\
 Data File : VN086891.D
 Acq On : 09 Jun 2025 09:55
 Operator : JC\MD
 Sample : VN0609MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0609MBS01

Quant Time: Jun 10 03:29:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	274335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	473958	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	404520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	195936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	162108	44.135	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.260%
35) Dibromofluoromethane	8.177	113	140875	50.155	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.320%
50) Toluene-d8	10.571	98	540677	48.625	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.260%
62) 4-Bromofluorobenzene	12.847	95	199820	48.369	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.740%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.153	85	56643	20.708	ug/l	99
3) Chloromethane	2.395	50	60709	17.188	ug/l	100
4) Vinyl Chloride	2.553	62	71469	19.615	ug/l	100
5) Bromomethane	3.000	94	40190	19.711	ug/l	99
6) Chloroethane	3.159	64	46373	19.703	ug/l	95
7) Trichlorofluoromethane	3.530	101	95333	20.026	ug/l	100
8) Diethyl Ether	3.983	74	43069	20.765	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.400	101	59220	19.800	ug/l	98
10) Methyl Iodide	4.612	142	68732	17.728	ug/l	97
11) Tert butyl alcohol	5.536	59	87661	87.956	ug/l	100
12) 1,1-Dichloroethene	4.371	96	63313	20.735	ug/l	90
13) Acrolein	4.200	56	19956	63.257	ug/l	99
14) Allyl chloride	5.047	41	91697	18.108	ug/l	96
15) Acrylonitrile	5.736	53	221040	94.887	ug/l	100
16) Acetone	4.447	43	169897	87.223	ug/l	98
17) Carbon Disulfide	4.741	76	159636	18.901	ug/l	99
18) Methyl Acetate	5.047	43	105899	18.656	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	227633	20.590	ug/l	96
20) Methylene Chloride	5.300	84	70729	19.395	ug/l	92
21) trans-1,2-Dichloroethene	5.812	96	67395	19.838	ug/l	96
22) Diisopropyl ether	6.683	45	206427	19.339	ug/l	95
23) Vinyl Acetate	6.618	43	873220	96.824	ug/l	97
24) 1,1-Dichloroethane	6.583	63	121761	19.821	ug/l	98
25) 2-Butanone	7.494	43	280837	88.700	ug/l	91
26) 2,2-Dichloropropane	7.506	77	107005	22.393	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	82638	20.340	ug/l	96
28) Bromochloromethane	7.818	49	52976	17.540	ug/l	91
29) Tetrahydrofuran	7.847	42	185775	90.072	ug/l	94
30) Chloroform	7.971	83	121954	19.880	ug/l	95
31) Cyclohexane	8.265	56	106675	17.907	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	102973	19.735	ug/l	97
36) 1,1-Dichloropropene	8.377	75	87733	20.962	ug/l	99
37) Ethyl Acetate	7.571	43	107429	20.163	ug/l	99
38) Carbon Tetrachloride	8.371	117	86453	21.040	ug/l	97
39) Methylcyclohexane	9.606	83	108981	19.006	ug/l	94
40) Benzene	8.612	78	281852	20.594	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	55559	18.568	ug/l	92
42) 1,2-Dichloroethane	8.677	62	84099	20.259	ug/l	97
43) Isopropyl Acetate	8.694	43	166562	19.478	ug/l	96
44) Trichloroethene	9.359	130	71658	22.081	ug/l	96
45) 1,2-Dichloropropane	9.624	63	68702	20.633	ug/l	98
46) Dibromomethane	9.712	93	47961	21.686	ug/l	97
47) Bromodichloromethane	9.894	83	95564	21.001	ug/l	99
48) Methyl methacrylate	9.682	41	76942	19.549	ug/l	96
49) 1,4-Dioxane	9.706	88	28698	400.792	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	526593	102.290	ug/l	98
52) Toluene	10.629	92	175608	20.996	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	111703	21.953	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	116955	21.482	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	68945	21.423	ug/l	99
56) Ethyl methacrylate	10.882	69	115686	22.568	ug/l	96
57) 1,3-Dichloropropane	11.165	76	117037	20.963	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	255991	83.728	ug/l	97
59) 2-Hexanone	11.206	43	327827	98.861	ug/l	94
60) Dibromochloromethane	11.359	129	73326	21.868	ug/l	99
61) 1,2-Dibromoethane	11.470	107	70880	21.487	ug/l	100
64) Tetrachloroethene	11.100	164	54773	21.395	ug/l	94
65) Chlorobenzene	11.888	112	196439	22.018	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	63534	22.153	ug/l	99
67) Ethyl Benzene	11.965	91	323962	21.081	ug/l	100
68) m/p-Xylenes	12.070	106	256173	43.546	ug/l	97
69) o-Xylene	12.394	106	122596	21.759	ug/l	98
70) Styrene	12.412	104	212273	22.018	ug/l	99
71) Bromoform	12.576	173	49742	23.408	ug/l #	99
73) Isopropylbenzene	12.694	105	302278	21.177	ug/l	100
74) N-amyl acetate	12.517	43	101314	20.312	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.935	83	108609	22.460	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	145274	31.192	ug/l	69
77) Bromobenzene	12.976	156	74596	22.788	ug/l	97
78) n-propylbenzene	13.035	91	356918	20.575	ug/l	97
79) 2-Chlorotoluene	13.123	91	216641	20.825	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	250280	21.237	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	46654	23.059	ug/l	97
82) 4-Chlorotoluene	13.217	91	224278	21.307	ug/l	98
83) tert-Butylbenzene	13.435	119	229297	21.255	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	251182	21.255	ug/l	99
85) sec-Butylbenzene	13.611	105	320650	20.468	ug/l	99
86) p-Isopropyltoluene	13.729	119	271557	20.970	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	141812	22.018	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	145379	22.140	ug/l	99
89) n-Butylbenzene	14.053	91	246544	19.655	ug/l	99
90) Hexachloroethane	14.329	117	44643	20.338	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	135771	21.942	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	24372	21.074	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	80627	20.405	ug/l	98
94) Hexachlorobutadiene	15.500	225	28385	19.282	ug/l	98
95) Naphthalene	15.635	128	307159	20.885	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	75629	19.265	ug/l	99

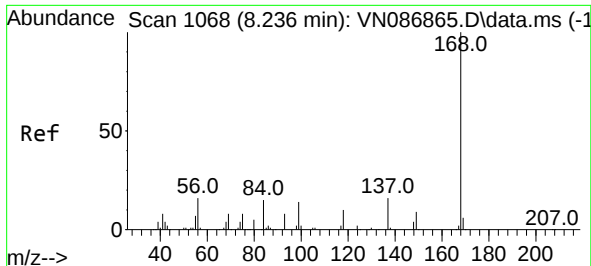
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QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

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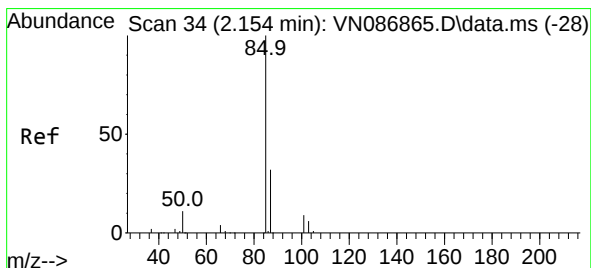
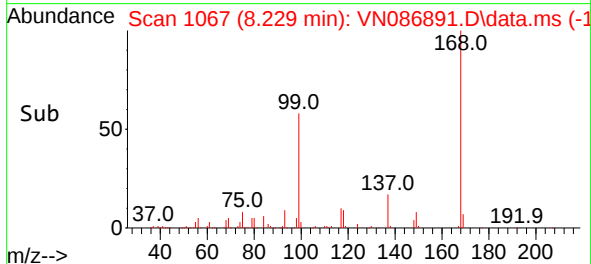
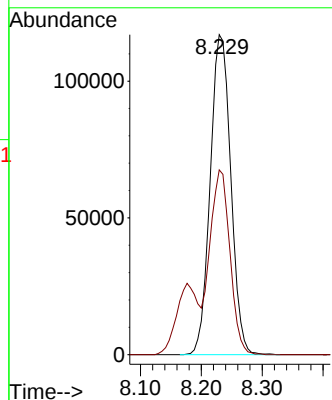
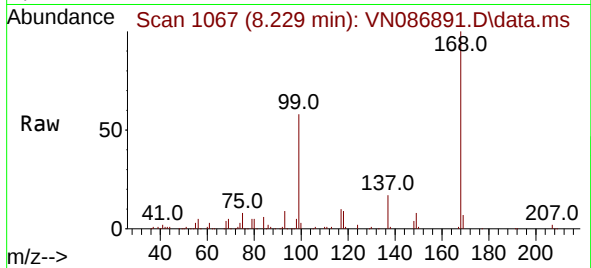
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.007 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

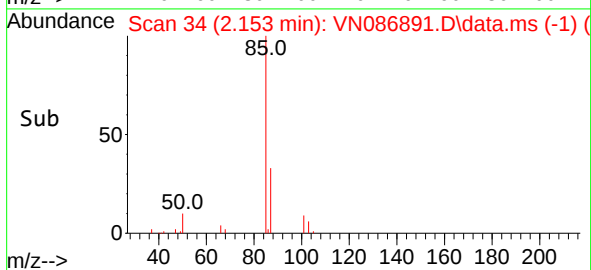
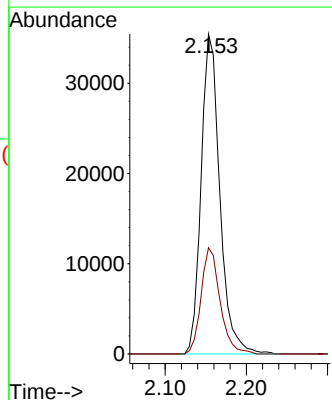
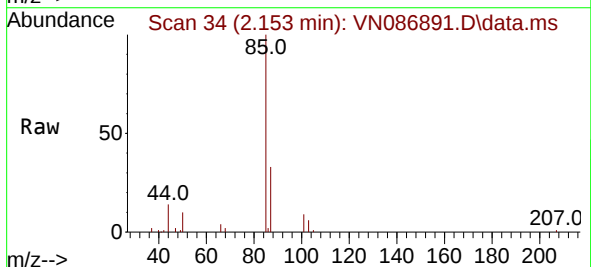
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBS01

Tgt Ion:168 Resp: 274335
Ion Ratio Lower Upper
168 100
99 57.8 49.1 73.7



#2
Dichlorodifluoromethane
Concen: 20.708 ug/l
RT: 2.153 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

Tgt Ion: 85 Resp: 56643
Ion Ratio Lower Upper
85 100
87 33.2 16.2 48.6

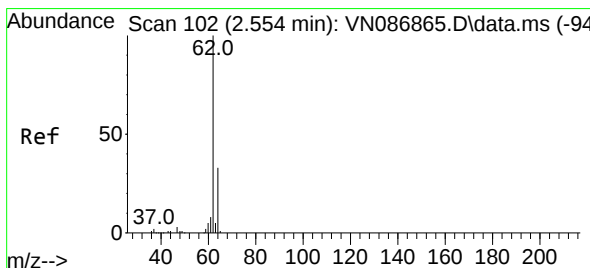
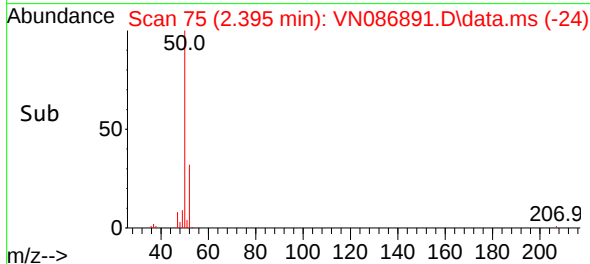
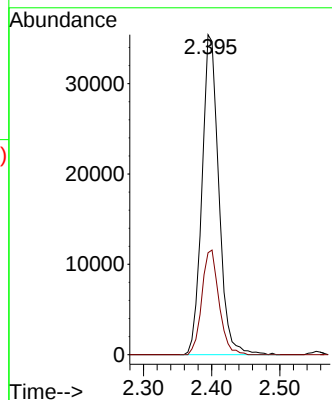
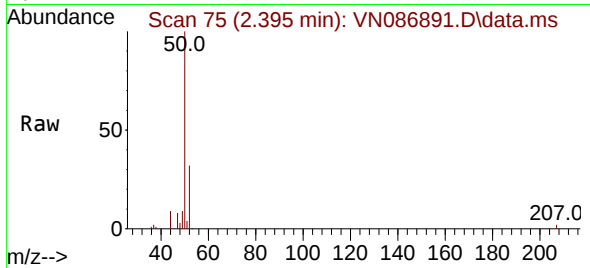




#3
Chloromethane
Concen: 17.188 ug/l
RT: 2.395 min Scan# 75
Delta R.T. -0.000 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

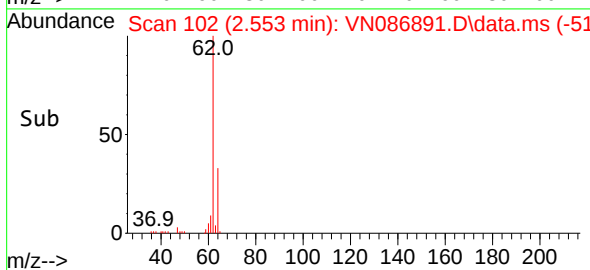
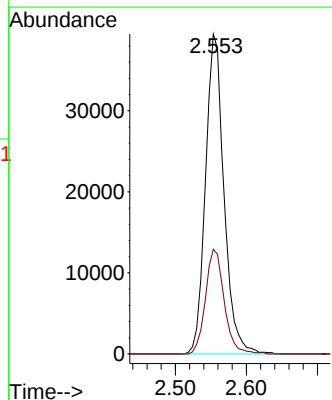
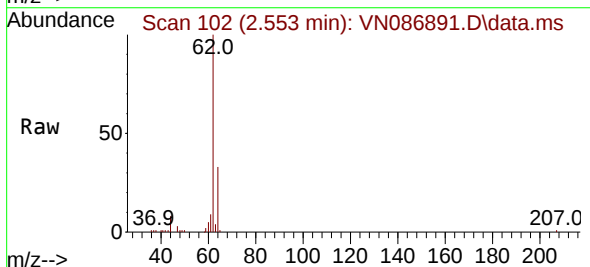
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ClientSampleId :
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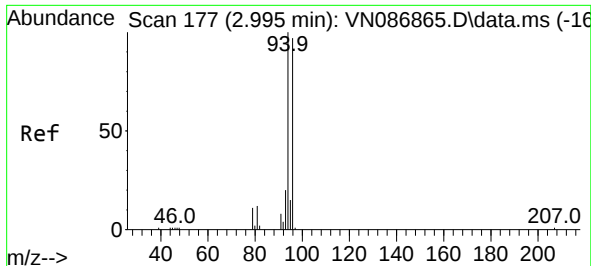
Tgt Ion: 50 Resp: 60709
Ion Ratio Lower Upper
50 100
52 31.9 25.7 38.5



#4
Vinyl Chloride
Concen: 19.615 ug/l
RT: 2.553 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

Tgt Ion: 62 Resp: 71469
Ion Ratio Lower Upper
62 100
64 32.7 26.0 39.0

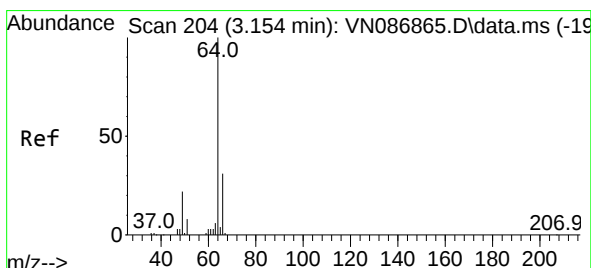
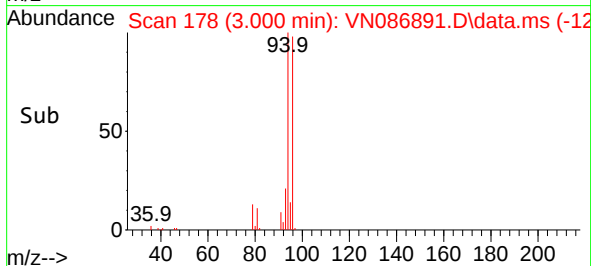
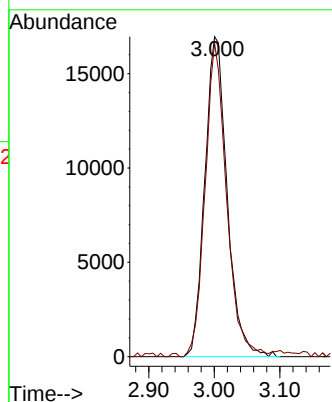
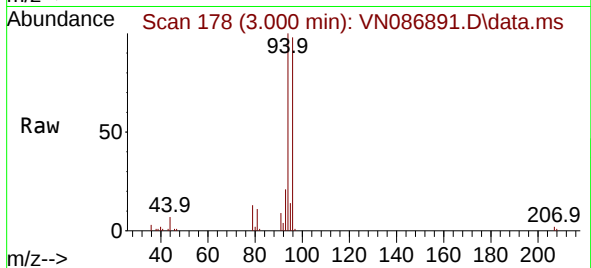




#5
Bromomethane
Concen: 19.711 ug/l
RT: 3.000 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

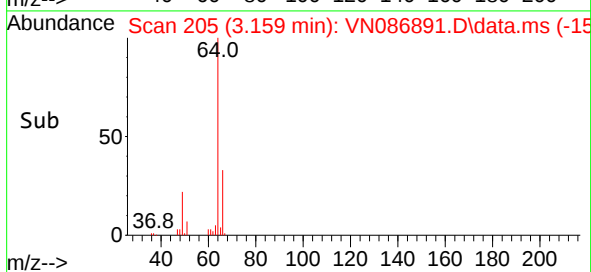
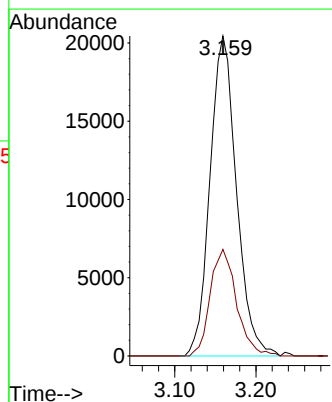
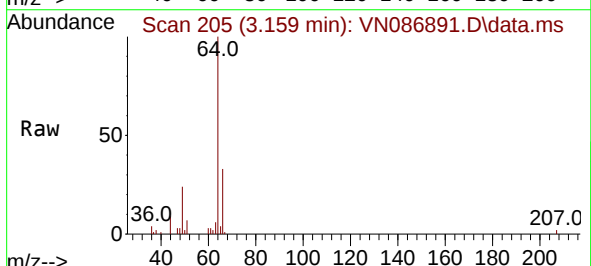
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBS01

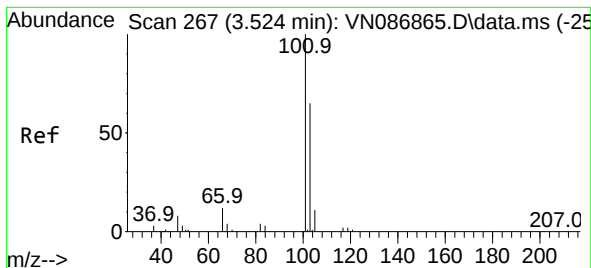
Tgt Ion: 94 Resp: 40190
Ion Ratio Lower Upper
94 100
96 97.9 77.9 116.9



#6
Chloroethane
Concen: 19.703 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

Tgt Ion: 64 Resp: 46373
Ion Ratio Lower Upper
64 100
66 33.3 24.6 36.8





#7

Trichlorofluoromethane

Concen: 20.026 ug/l

RT: 3.530 min Scan# 2

Delta R.T. 0.006 min

Lab File: VN086891.D

Acq: 09 Jun 2025 09:55

Instrument :

MSVOA_N

ClientSampleId :

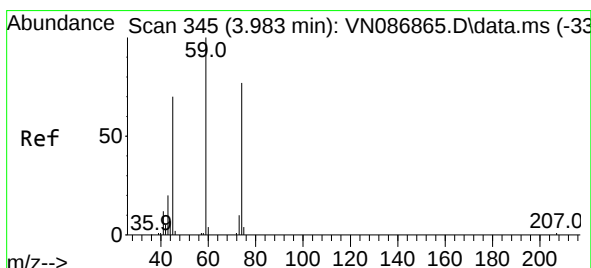
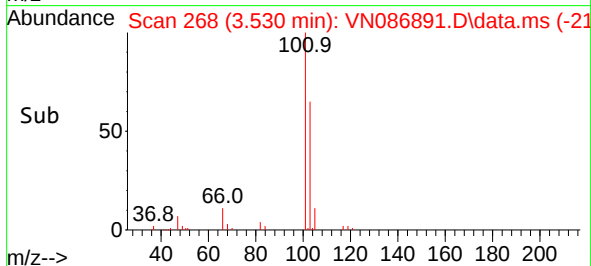
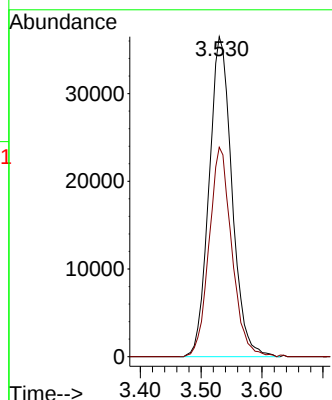
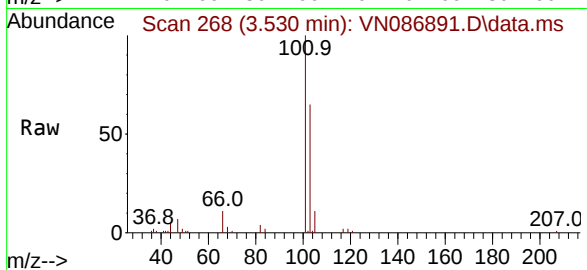
VN0609MBS01

Tgt Ion:101 Resp: 95333

Ion Ratio Lower Upper

101 100

103 65.5 52.2 78.2



#8

Diethyl Ether

Concen: 20.765 ug/l

RT: 3.983 min Scan# 345

Delta R.T. -0.000 min

Lab File: VN086891.D

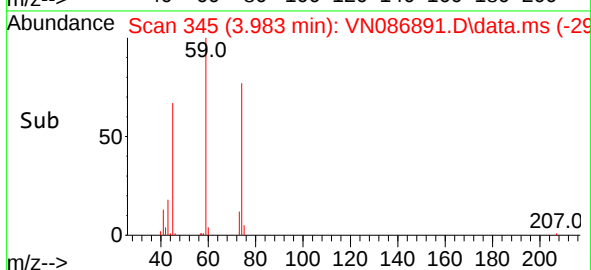
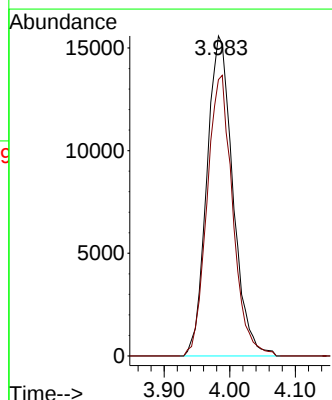
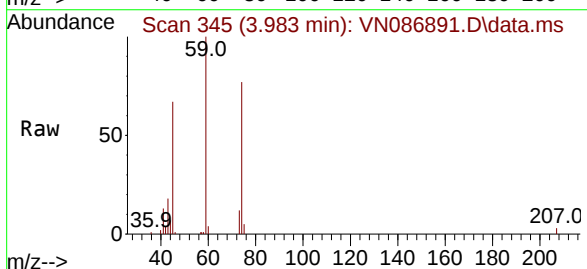
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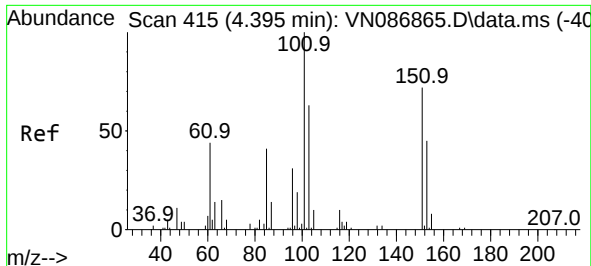
Tgt Ion: 74 Resp: 43069

Ion Ratio Lower Upper

74 100

45 86.3 45.5 136.5

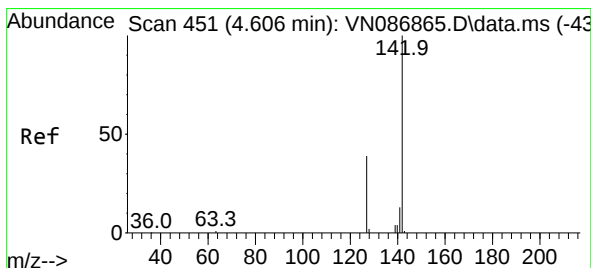
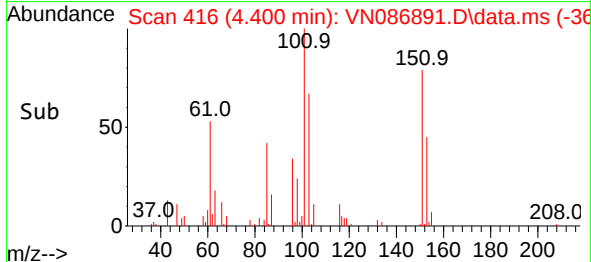
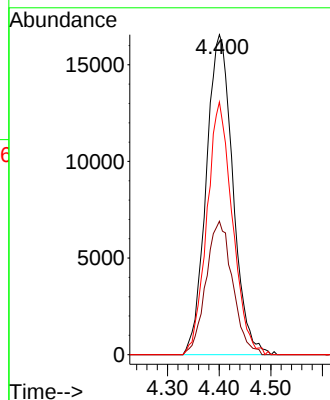
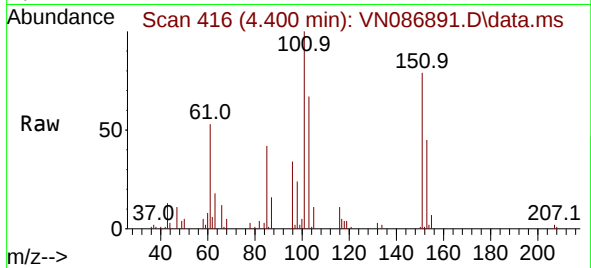




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.800 ug/l
RT: 4.400 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN086891.D
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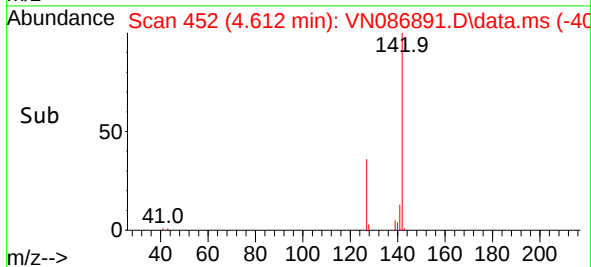
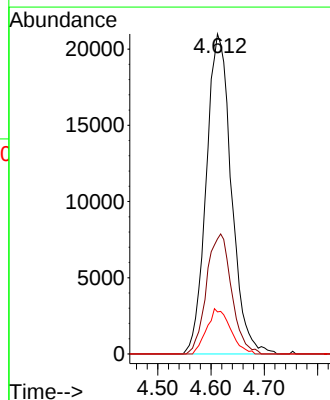
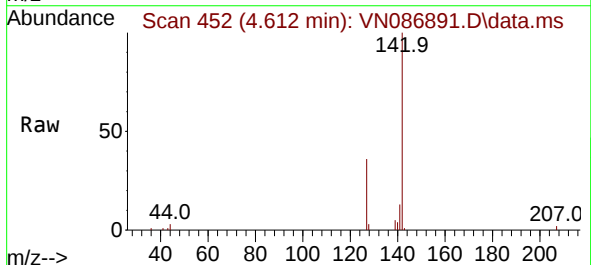
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBS01

Tgt Ion:101 Resp: 59220
Ion Ratio Lower Upper
101 100
85 41.7 33.8 50.8
151 75.8 58.7 88.1



#10
Methyl Iodide
Concen: 17.728 ug/l
RT: 4.612 min Scan# 452
Delta R.T. 0.006 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

Tgt Ion:142 Resp: 68732
Ion Ratio Lower Upper
142 100
127 35.9 30.9 46.3
141 13.1 10.4 15.6

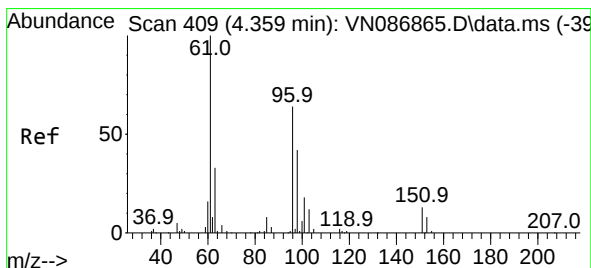
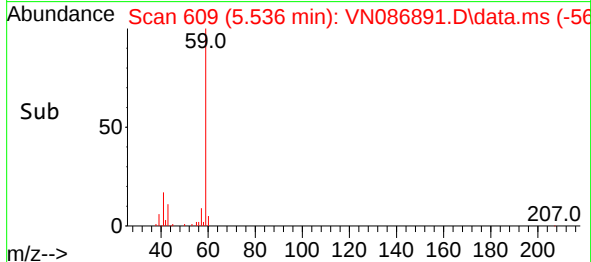
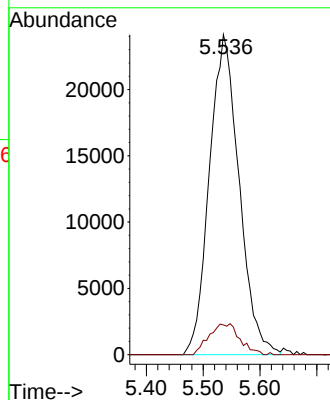
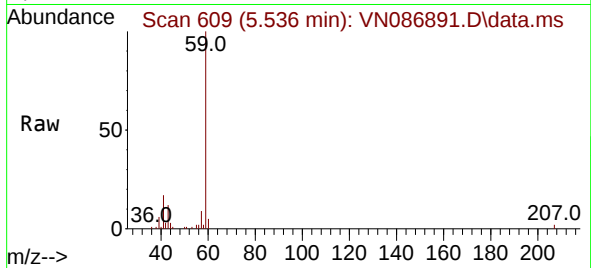




#11
Tert butyl alcohol
Concen: 87.956 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

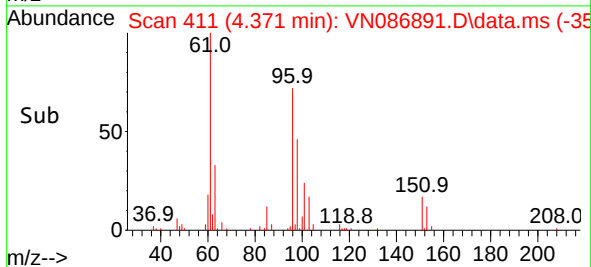
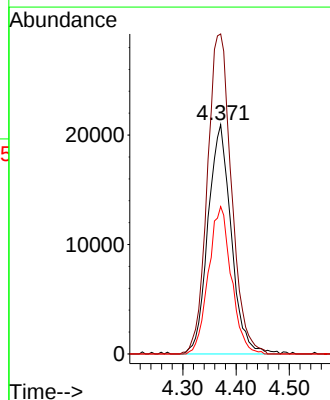
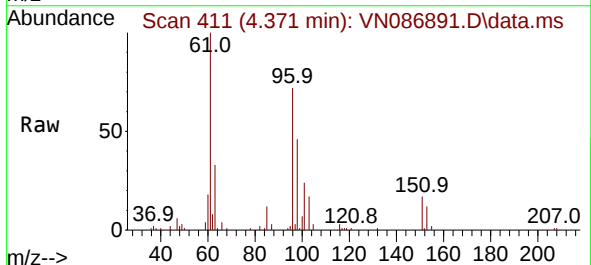
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBS01

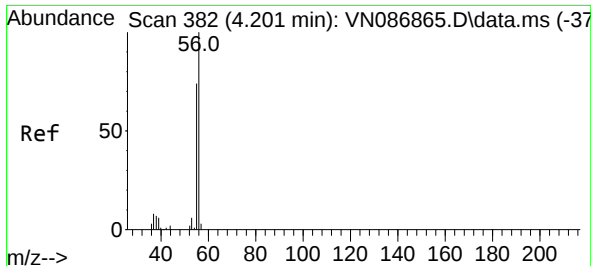
Tgt Ion: 59 Resp: 87661
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1



#12
1,1-Dichloroethene
Concen: 20.735 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

Tgt Ion: 96 Resp: 63313
Ion Ratio Lower Upper
96 100
61 139.6 125.8 188.6
98 64.3 52.5 78.7

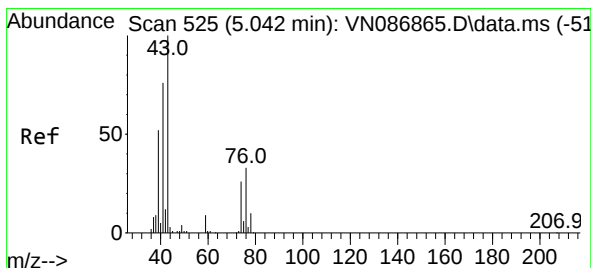
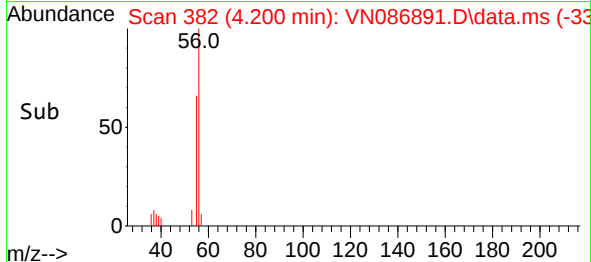
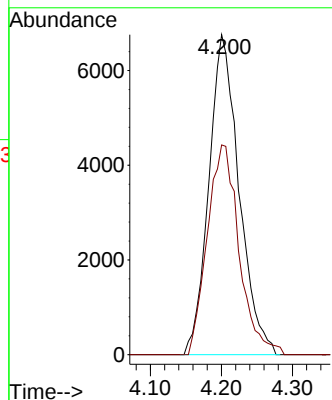
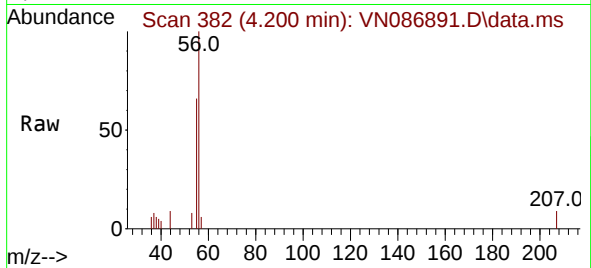




#13
Acrolein
Concen: 63.257 ug/l
RT: 4.200 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

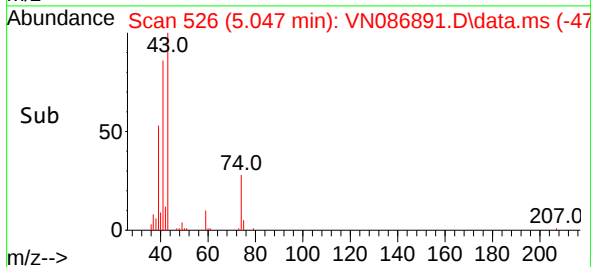
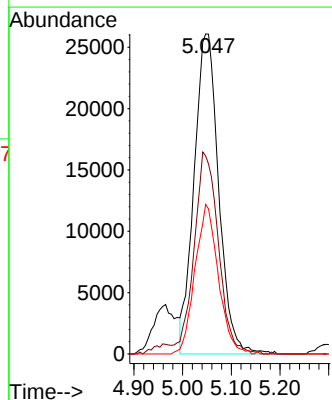
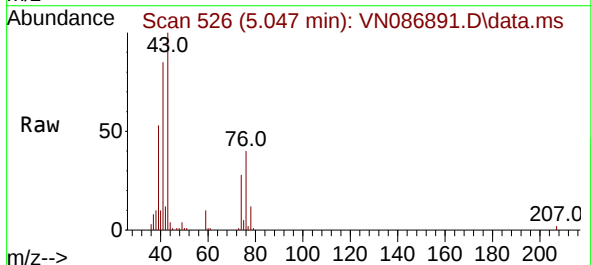
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBS01

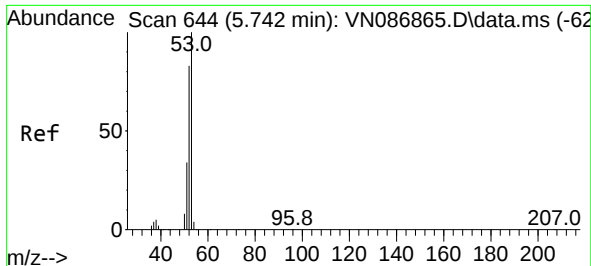
Tgt Ion: 56 Resp: 19956
Ion Ratio Lower Upper
56 100
55 69.0 55.6 83.4



#14
Allyl chloride
Concen: 18.108 ug/l
RT: 5.047 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

Tgt Ion: 41 Resp: 91697
Ion Ratio Lower Upper
41 100
39 62.5 51.3 76.9
76 44.1 31.4 47.0

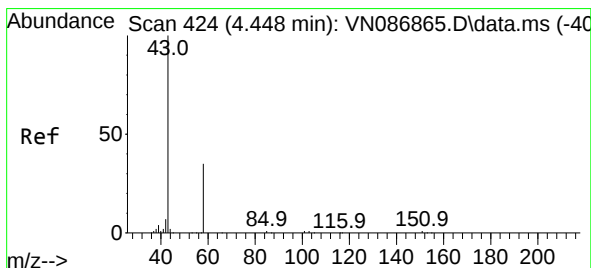
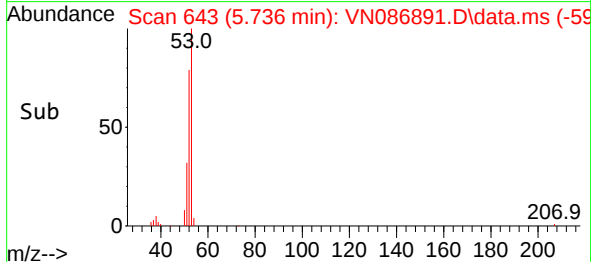
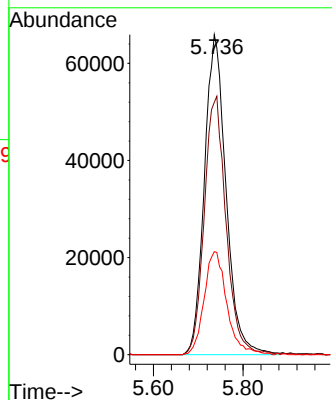
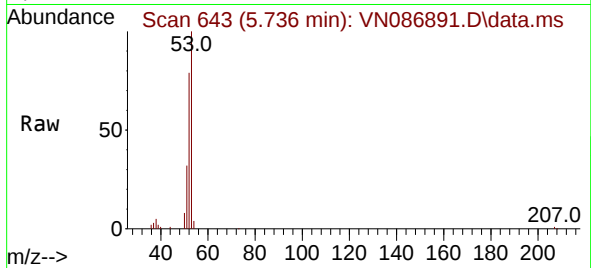




#15
Acrylonitrile
Concen: 94.887 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

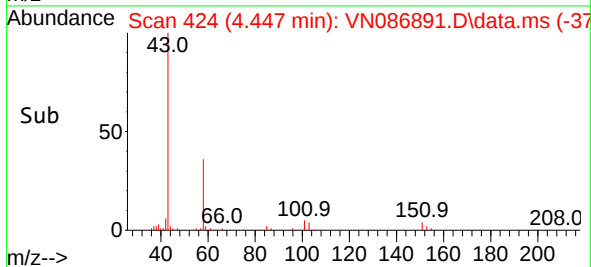
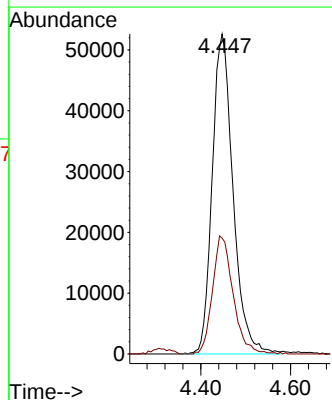
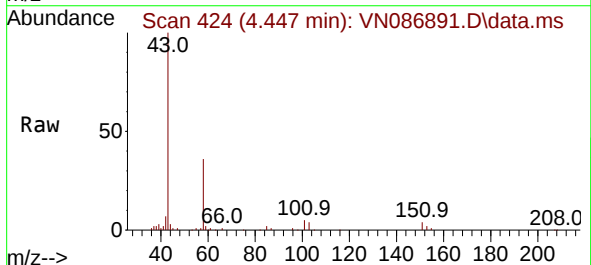
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBS01

Tgt Ion: 53 Resp: 221040
Ion Ratio Lower Upper
53 100
52 81.2 65.0 97.6
51 33.8 27.2 40.8



#16
Acetone
Concen: 87.223 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

Tgt Ion: 43 Resp: 169897
Ion Ratio Lower Upper
43 100
58 36.2 28.0 42.0





#17

Carbon Disulfide

Concen: 18.901 ug/l

RT: 4.741 min Scan# 473

Delta R.T. 0.012 min

Lab File: VN086891.D

Acq: 09 Jun 2025 09:55

Instrument :

MSVOA_N

ClientSampleId :

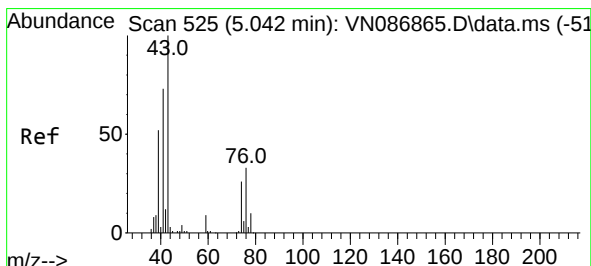
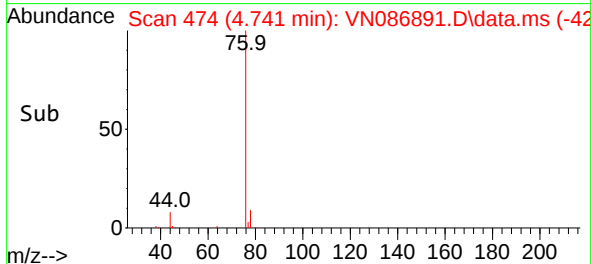
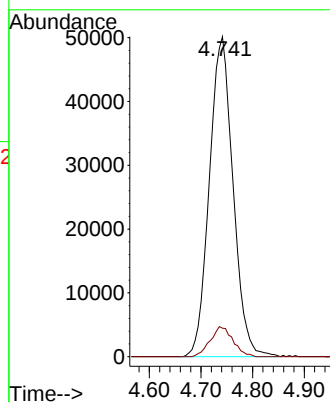
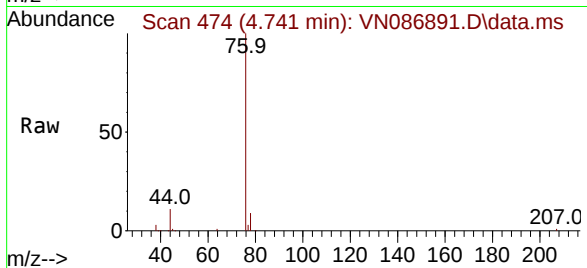
VN0609MBS01

Tgt Ion: 76 Resp: 159636

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9



#18

Methyl Acetate

Concen: 18.656 ug/l

RT: 5.047 min Scan# 526

Delta R.T. 0.006 min

Lab File: VN086891.D

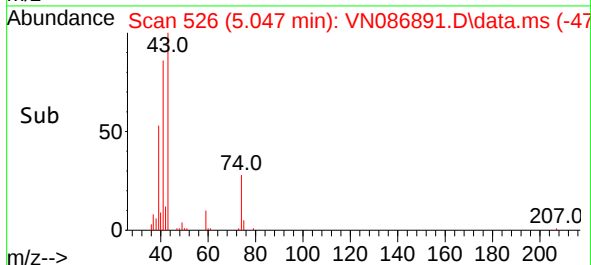
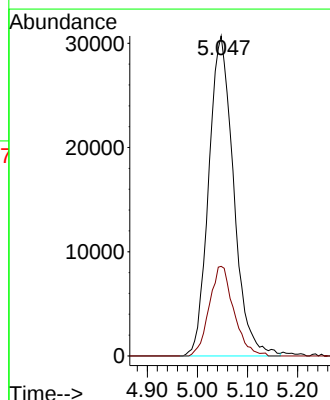
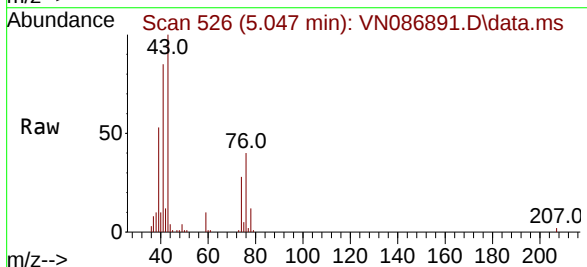
Acq: 09 Jun 2025 09:55

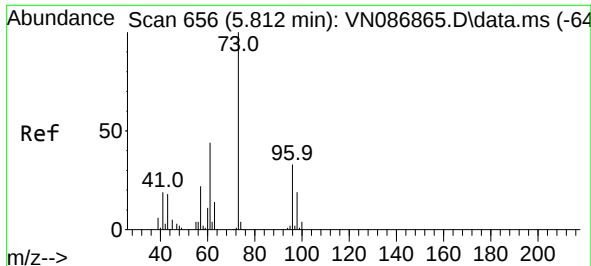
Tgt Ion: 43 Resp: 105899

Ion Ratio Lower Upper

43 100

74 27.6 20.7 31.1

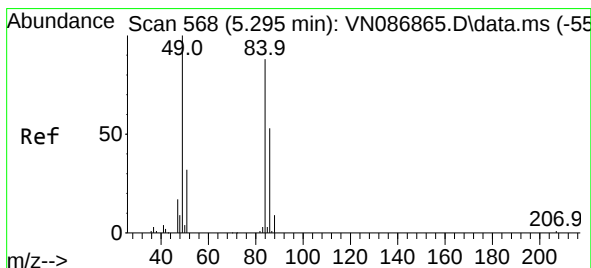
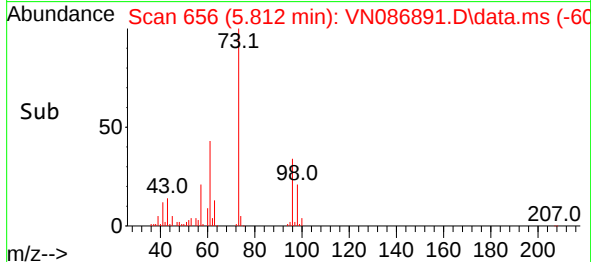
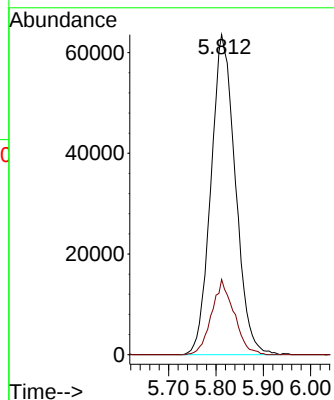
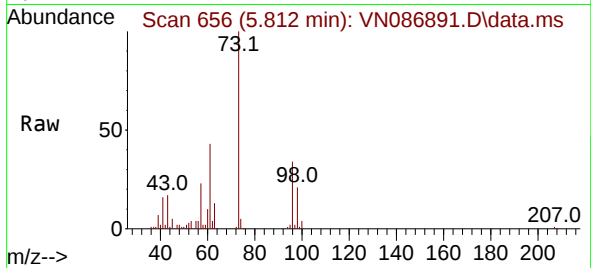




#19
Methyl tert-butyl Ether
Concen: 20.590 ug/l
RT: 5.812 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

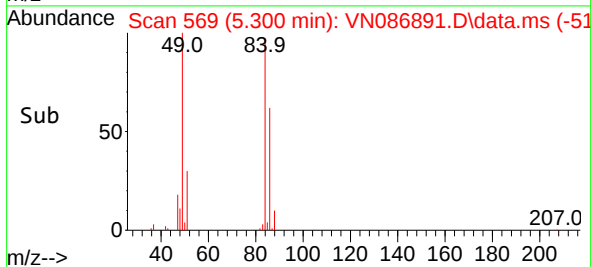
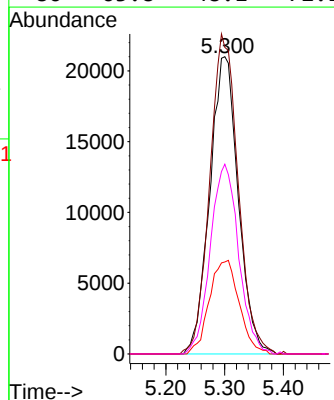
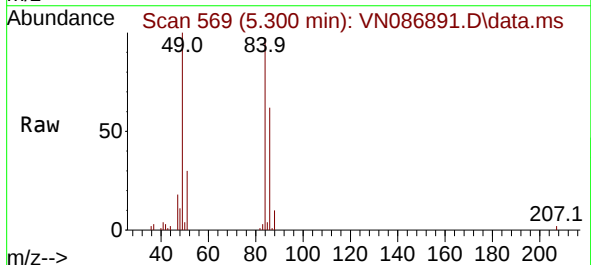
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBS01

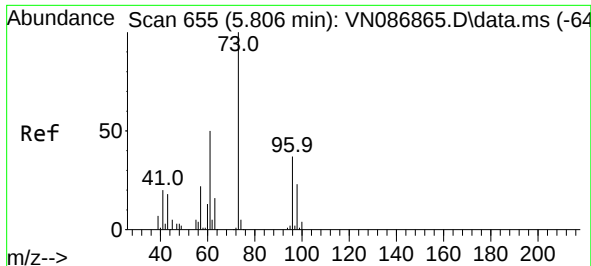
Tgt Ion: 73 Resp: 227633
Ion Ratio Lower Upper
73 100
57 23.5 17.4 26.2



#20
Methylene Chloride
Concen: 19.395 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

Tgt Ion: 84 Resp: 70729
Ion Ratio Lower Upper
84 100
49 103.1 90.5 135.7
51 30.9 28.5 42.7
86 63.8 48.1 72.1

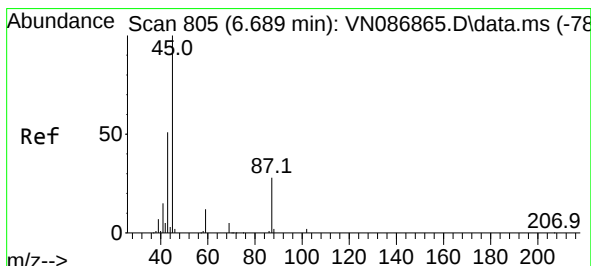
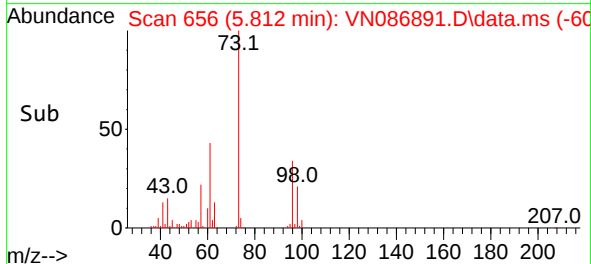
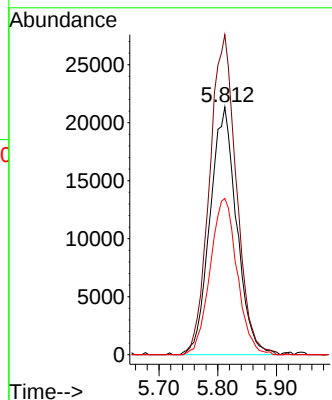
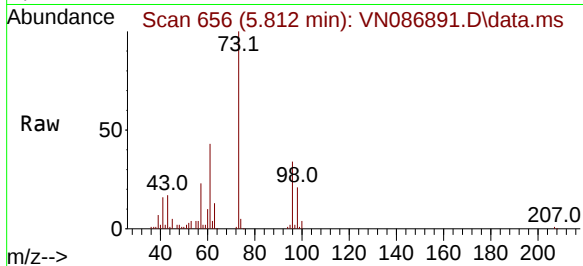




#21
trans-1,2-Dichloroethene
Concen: 19.838 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

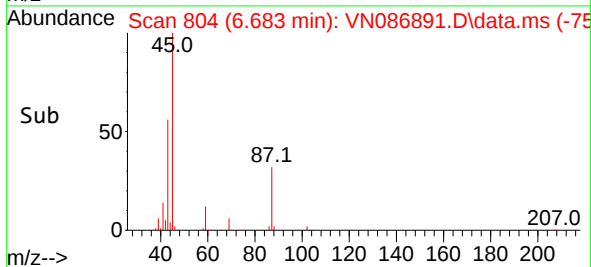
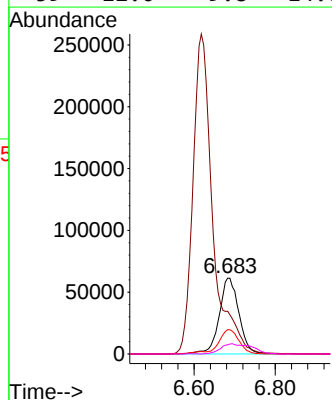
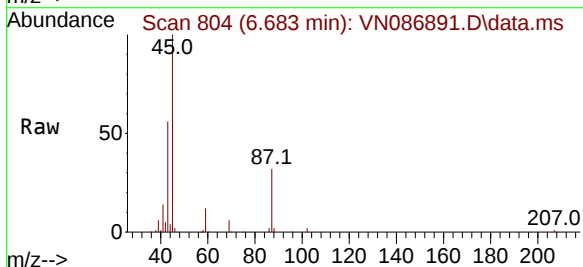
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBS01

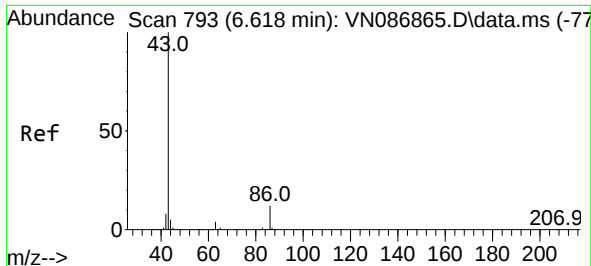
Tgt Ion: 96 Resp: 67395
Ion Ratio Lower Upper
96 100
61 129.2 109.2 163.8
98 63.1 49.8 74.8



#22
Diisopropyl ether
Concen: 19.339 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

Tgt Ion: 45 Resp: 206427
Ion Ratio Lower Upper
45 100
43 55.9 41.9 62.9
87 32.1 22.4 33.6
59 12.0 9.8 14.6

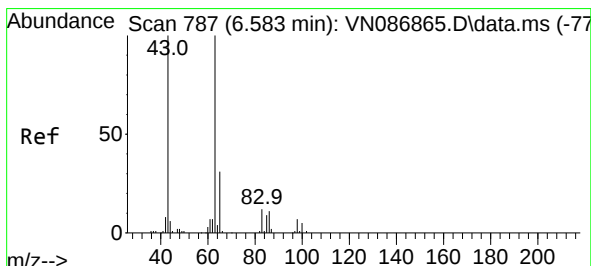
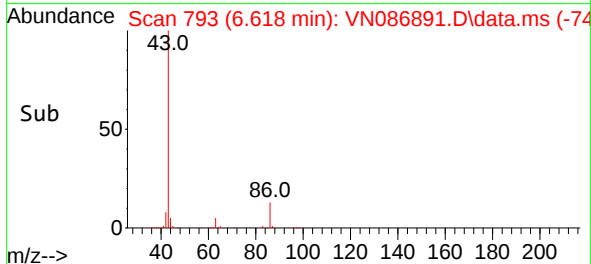
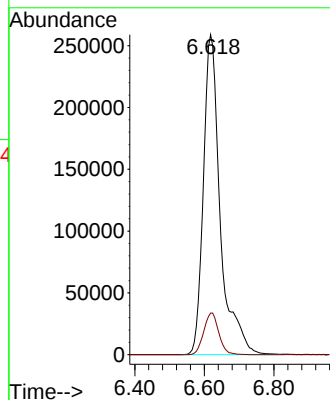
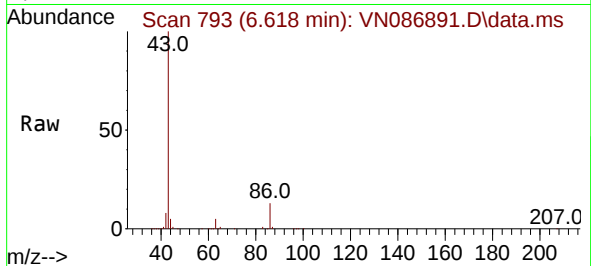




#23
 Vinyl Acetate
 Concen: 96.824 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN086891.D
 Acq: 09 Jun 2025 09:55

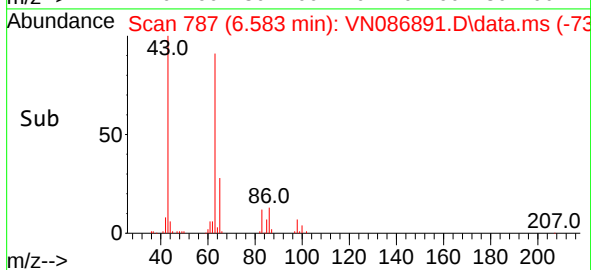
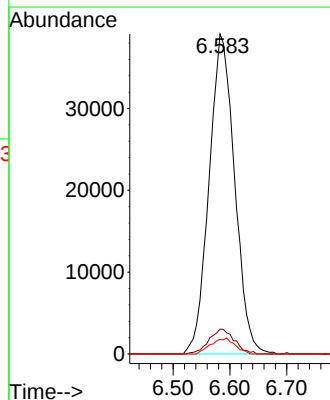
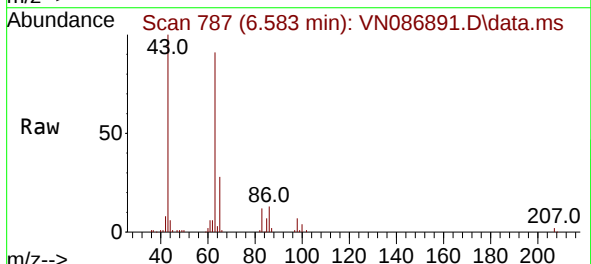
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0609MBS01

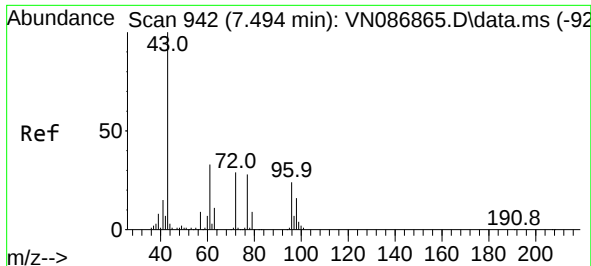
Tgt Ion: 43 Resp: 873220
 Ion Ratio Lower Upper
 43 100
 86 13.0 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 19.821 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VN086891.D
 Acq: 09 Jun 2025 09:55

Tgt Ion: 63 Resp: 121761
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.8
 100 4.6 2.6 7.8

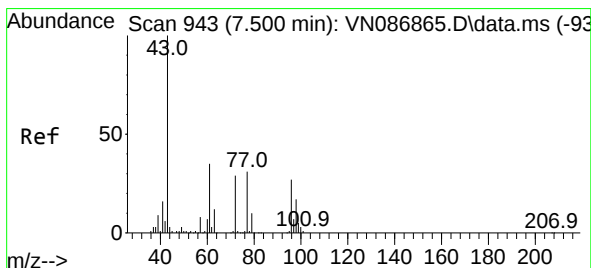
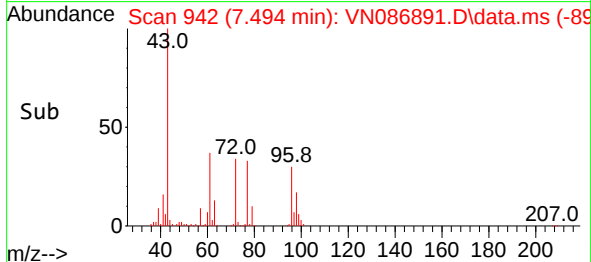
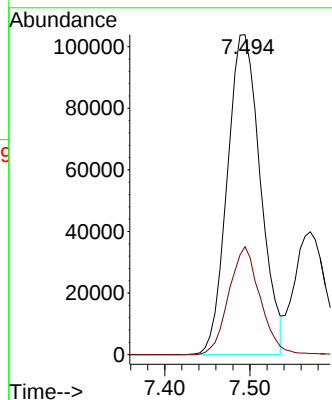
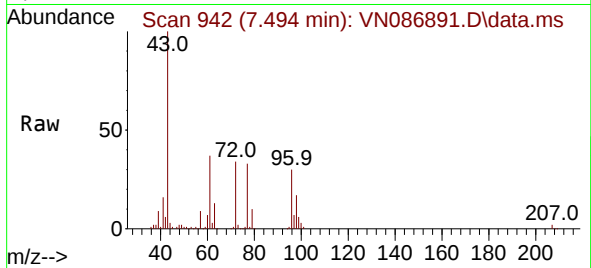




#25
2-Butanone
Concen: 88.700 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

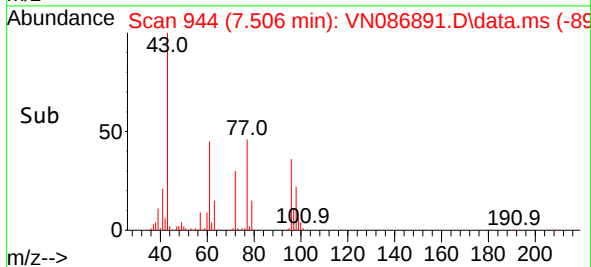
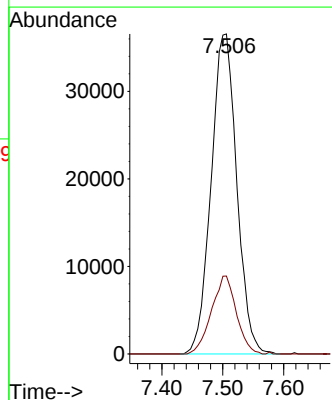
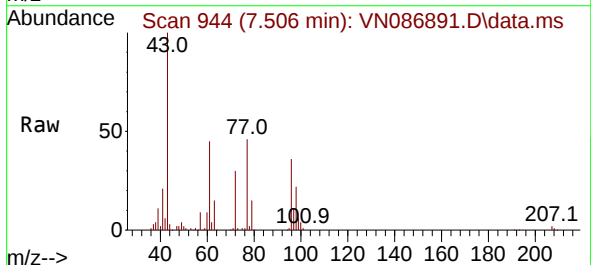
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBS01

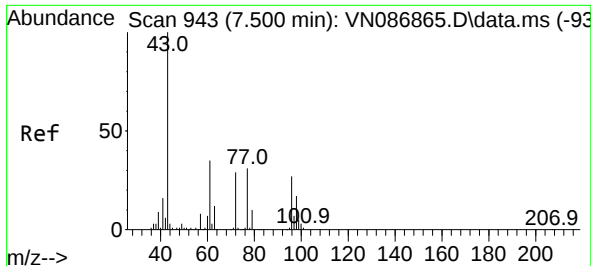
Tgt Ion: 43 Resp: 280837
Ion Ratio Lower Upper
43 100
72 33.7 23.0 34.6



#26
2,2-Dichloropropane
Concen: 22.393 ug/l
RT: 7.506 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

Tgt Ion: 77 Resp: 107005
Ion Ratio Lower Upper
77 100
97 23.6 11.6 34.7



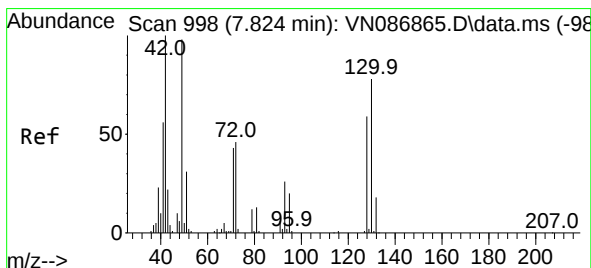
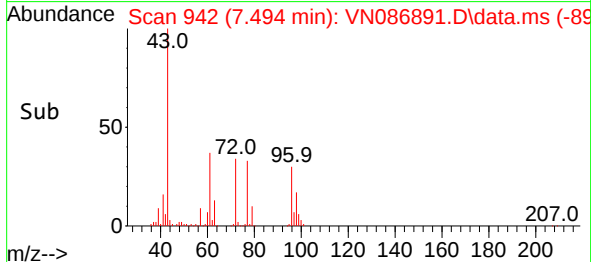
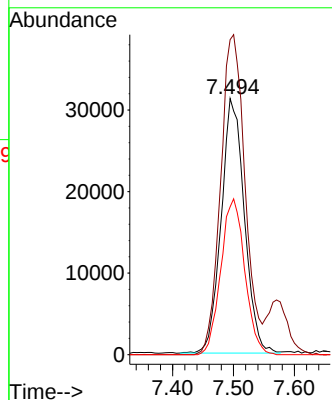
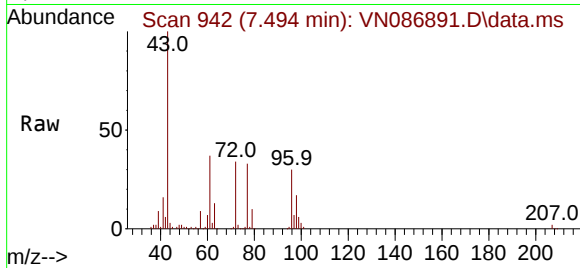


#27
 cis-1,2-Dichloroethene
 Concen: 20.340 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. -0.006 min
 Lab File: VN086891.D
 Acq: 09 Jun 2025 09:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0609MBS01

Tgt Ion: 96 Resp: 82638

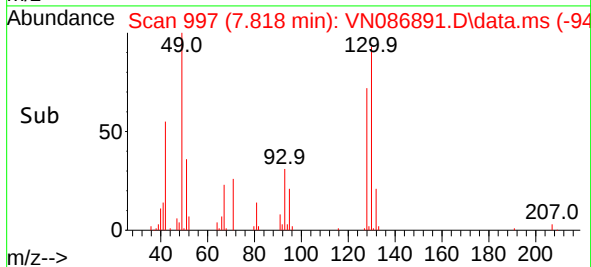
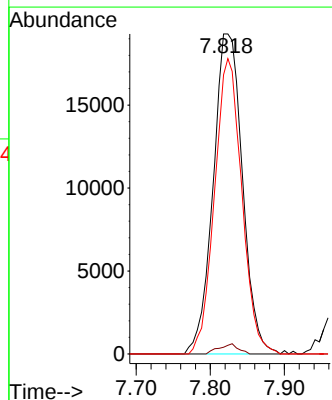
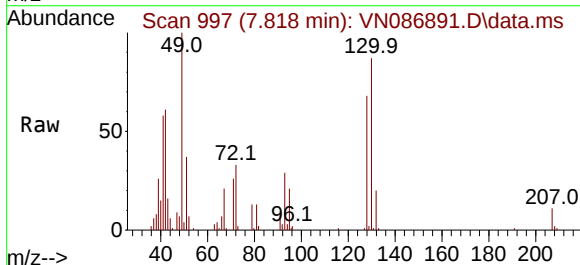
Ion	Ratio	Lower	Upper
96	100		
61	132.3	0.0	278.0
98	63.2	0.0	128.2



#28
 Bromochloromethane
 Concen: 17.540 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN086891.D
 Acq: 09 Jun 2025 09:55

Tgt Ion: 49 Resp: 52976

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	85.9	62.2	93.2





#29

Tetrahydrofuran

Concen: 90.072 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN086891.D

Acq: 09 Jun 2025 09:55

Instrument :

MSVOA_N

ClientSampleId :

VN0609MBS01

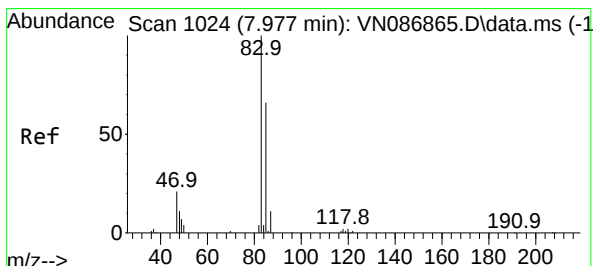
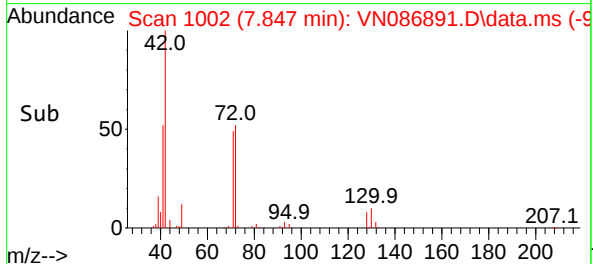
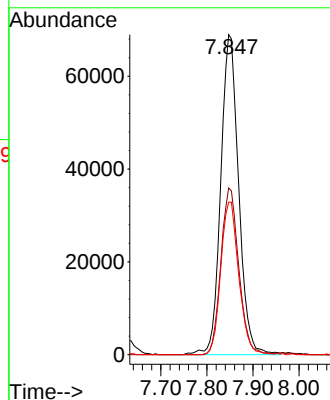
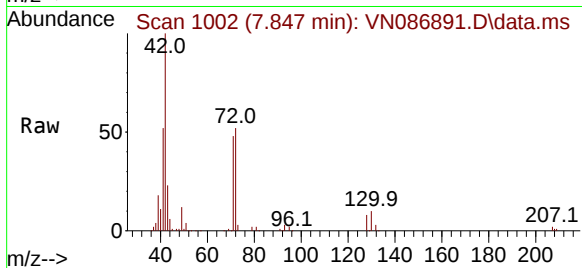
Tgt Ion: 42 Resp: 185775

Ion Ratio Lower Upper

42 100

72 52.0 37.8 56.6

71 47.9 35.6 53.4



#30

Chloroform

Concen: 19.880 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN086891.D

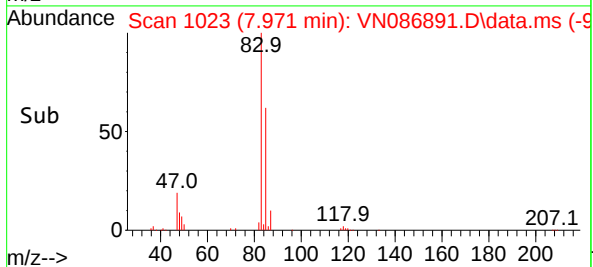
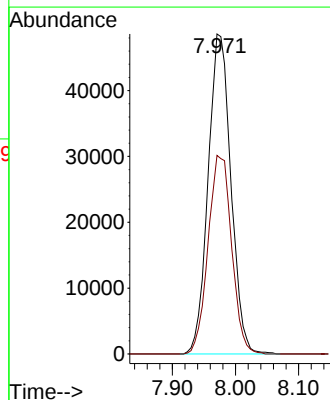
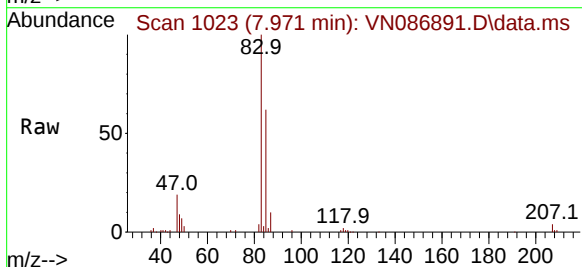
Acq: 09 Jun 2025 09:55

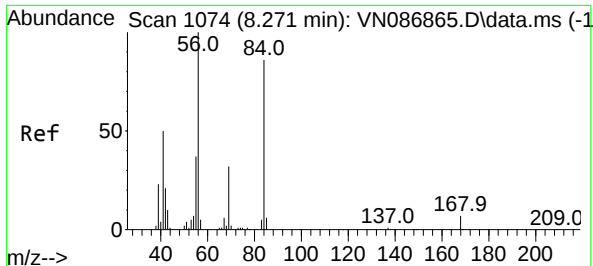
Tgt Ion: 83 Resp: 121954

Ion Ratio Lower Upper

83 100

85 62.1 52.9 79.3

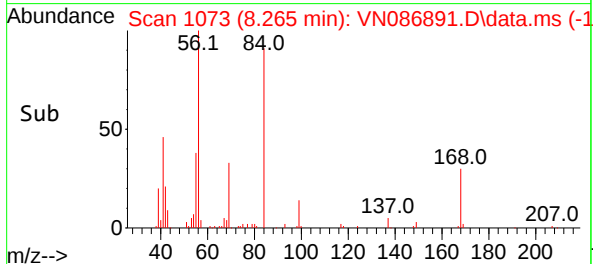
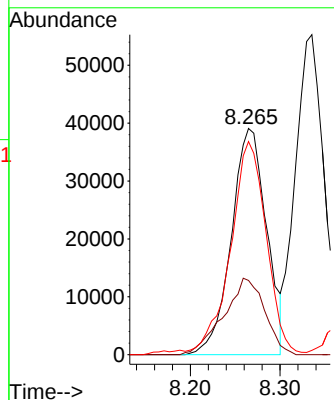
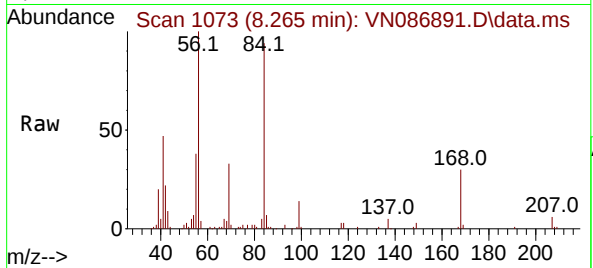




#31
Cyclohexane
Concen: 17.907 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

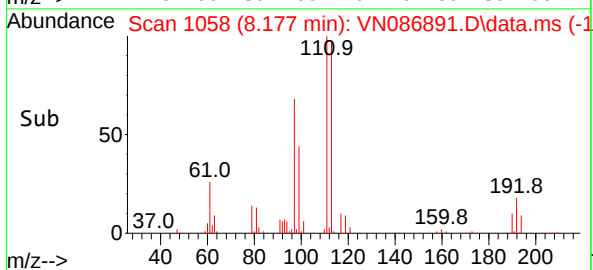
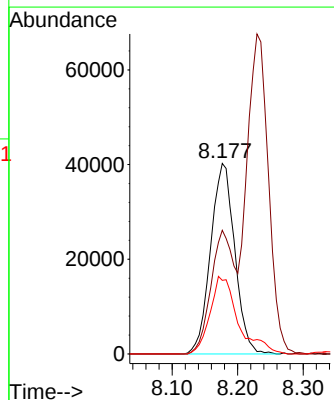
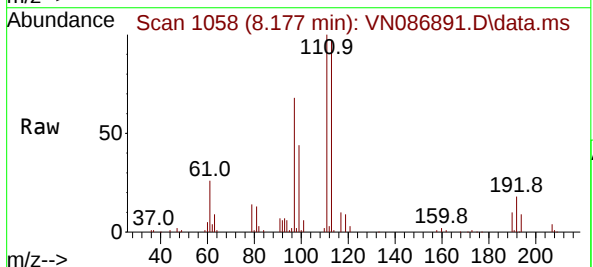
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBS01

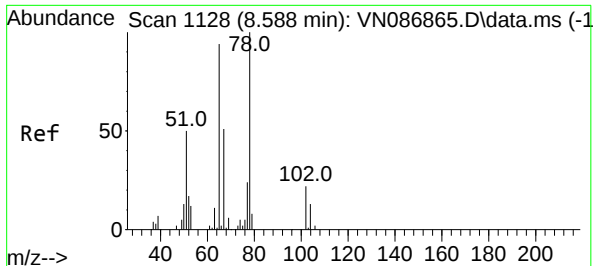
Tgt Ion: 56 Resp: 106675
Ion Ratio Lower Upper
56 100
69 32.8 25.4 38.0
84 92.3 68.8 103.2



#32
1,1,1-Trichloroethane
Concen: 19.735 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

Tgt Ion: 97 Resp: 102973
Ion Ratio Lower Upper
97 100
99 63.2 52.0 78.0
61 47.3 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 44.135 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN086891.D

Acq: 09 Jun 2025 09:55

Instrument :

MSVOA_N

ClientSampleId :

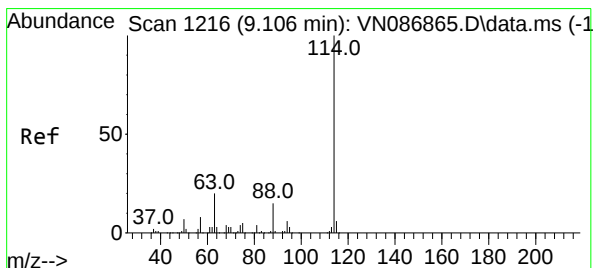
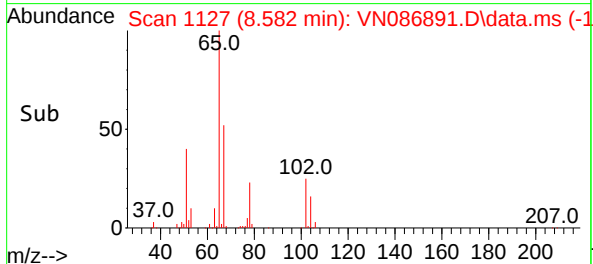
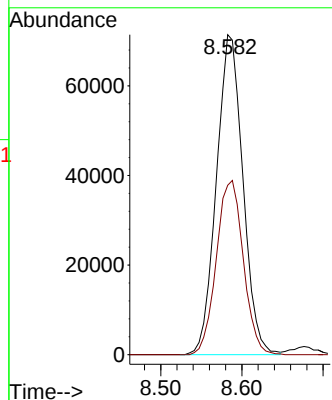
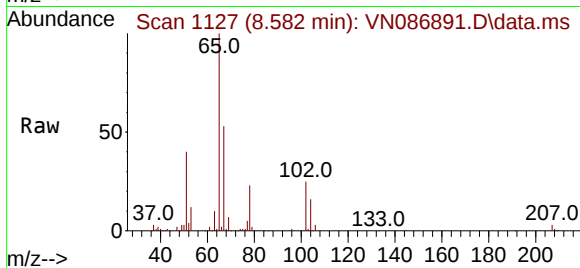
VN0609MBS01

Tgt Ion: 65 Resp: 162108

Ion Ratio Lower Upper

65 100

67 55.4 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN086891.D

Acq: 09 Jun 2025 09:55

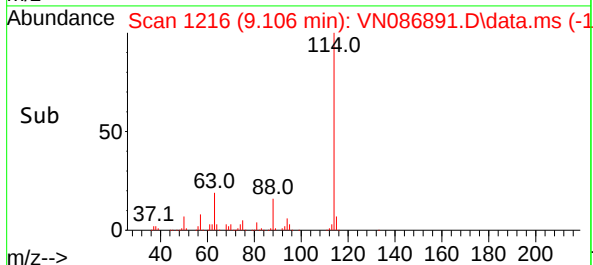
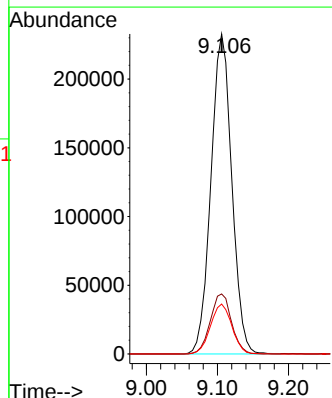
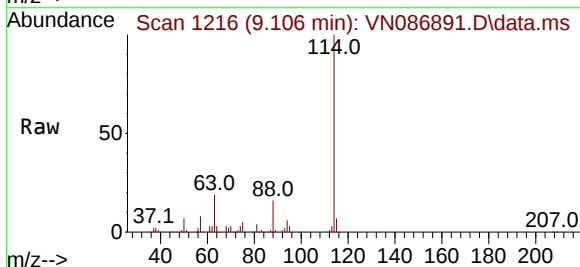
Tgt Ion:114 Resp: 473958

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.6

88 15.6 0.0 30.2





#35

Dibromofluoromethane

Concen: 50.155 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN086891.D

Acq: 09 Jun 2025 09:55

Instrument :

MSVOA_N

ClientSampleId :

VN0609MBS01

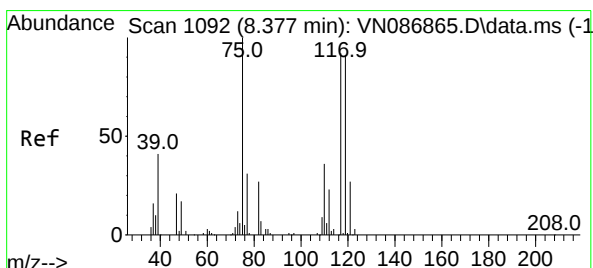
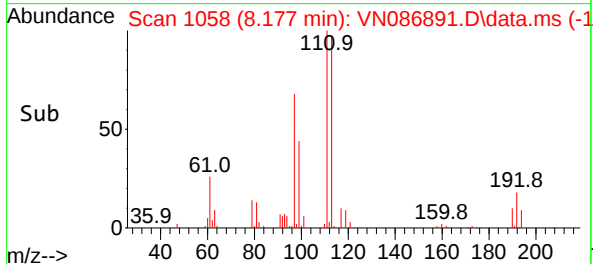
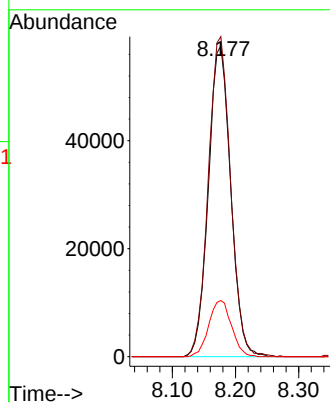
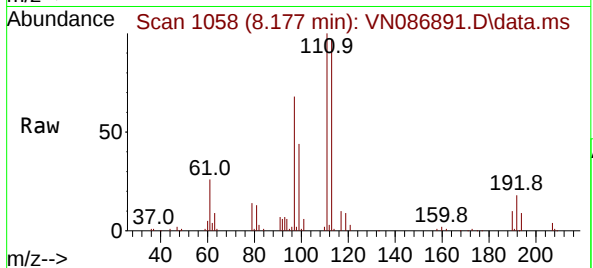
Tgt Ion:113 Resp: 140875

Ion Ratio Lower Upper

113 100

111 103.4 84.2 126.2

192 18.5 14.2 21.4



#36

1,1-Dichloropropene

Concen: 20.962 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN086891.D

Acq: 09 Jun 2025 09:55

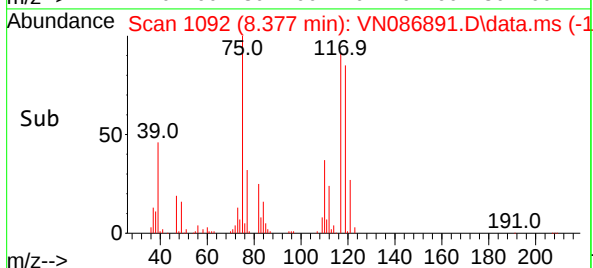
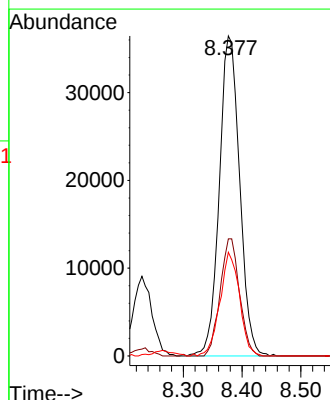
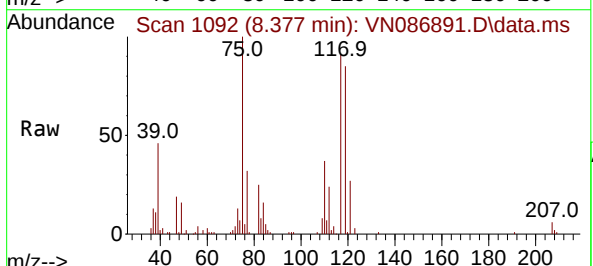
Tgt Ion: 75 Resp: 87733

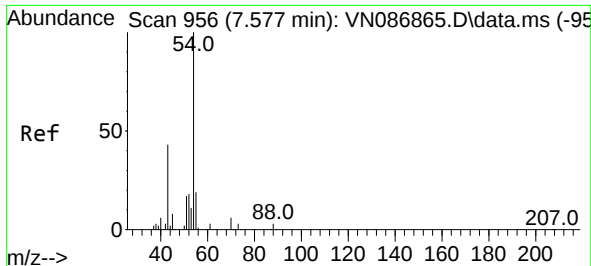
Ion Ratio Lower Upper

75 100

110 34.8 17.6 52.9

77 31.2 25.3 37.9

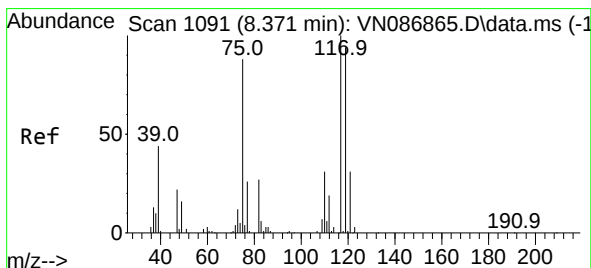
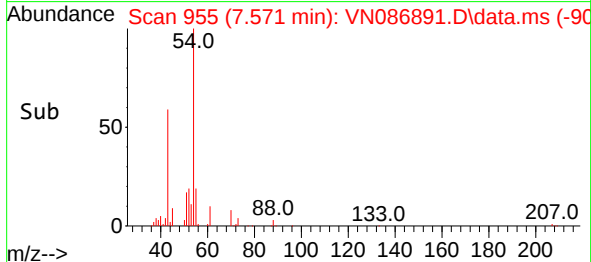
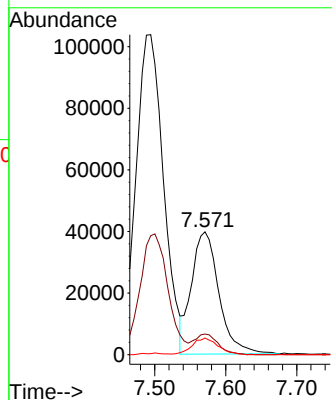
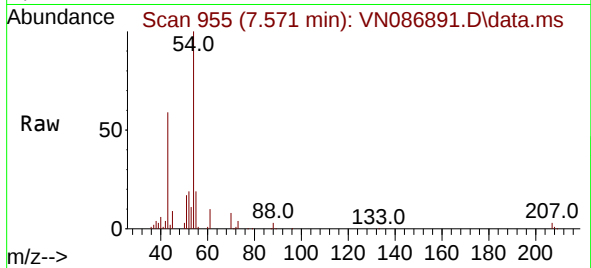




#37
Ethyl Acetate
Concen: 20.163 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

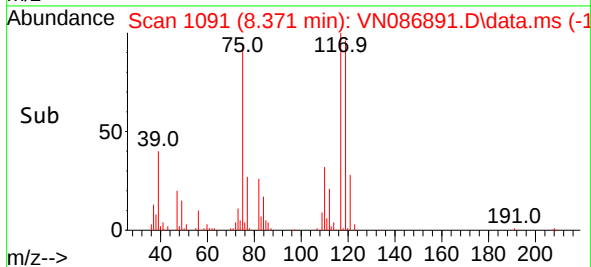
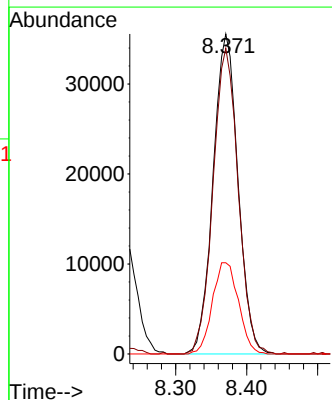
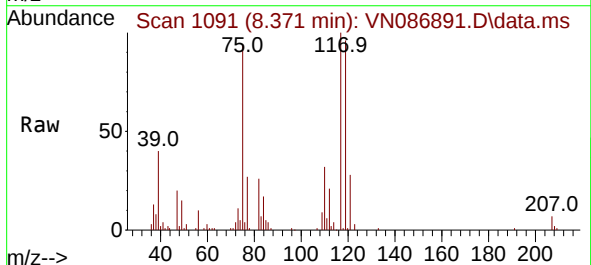
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBS01

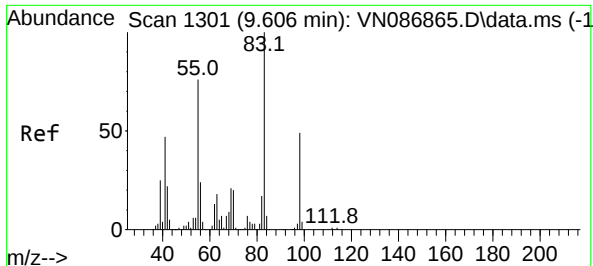
Tgt Ion: 43 Resp: 107429
Ion Ratio Lower Upper
43 100
61 14.6 12.1 18.1
70 12.7 9.8 14.6



#38
Carbon Tetrachloride
Concen: 21.040 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

Tgt Ion: 117 Resp: 86453
Ion Ratio Lower Upper
117 100
119 95.5 75.0 112.6
121 28.5 24.9 37.3





#39

Methylcyclohexane

Concen: 19.006 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086891.D

Acq: 09 Jun 2025 09:55

Instrument :

MSVOA_N

ClientSampleId :

VN0609MBS01

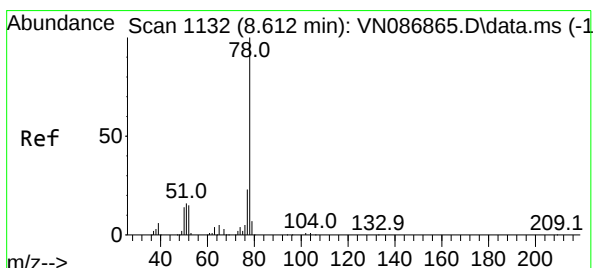
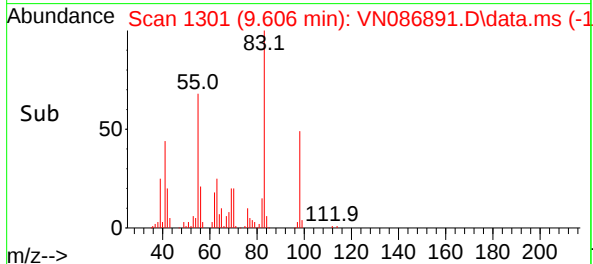
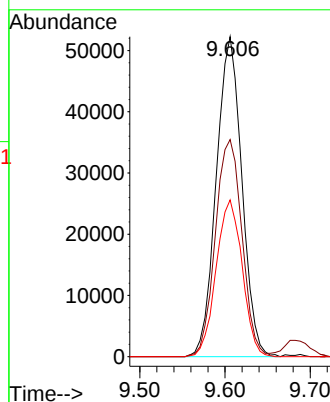
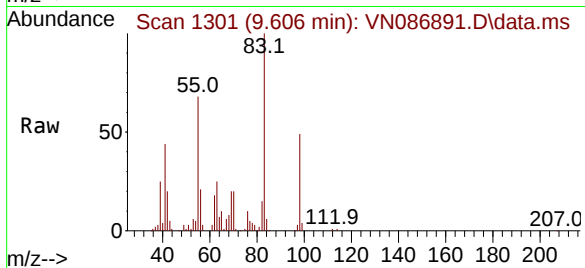
Tgt Ion: 83 Resp: 108981

Ion Ratio Lower Upper

83 100

55 67.8 61.0 91.6

98 49.0 38.9 58.3



#40

Benzene

Concen: 20.594 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN086891.D

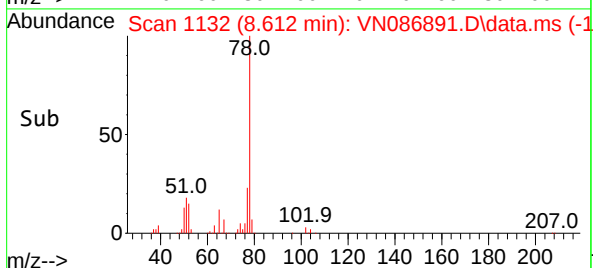
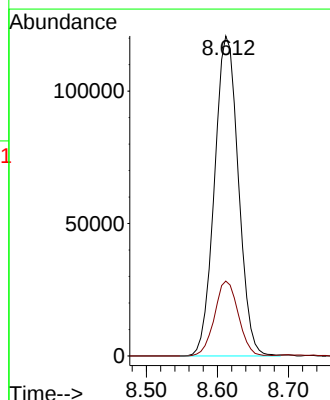
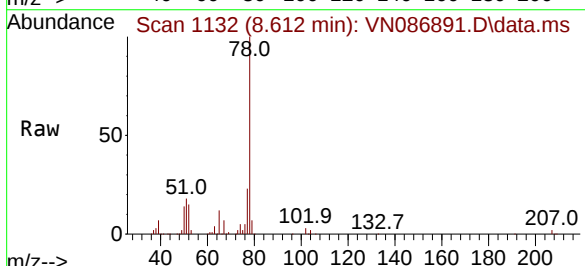
Acq: 09 Jun 2025 09:55

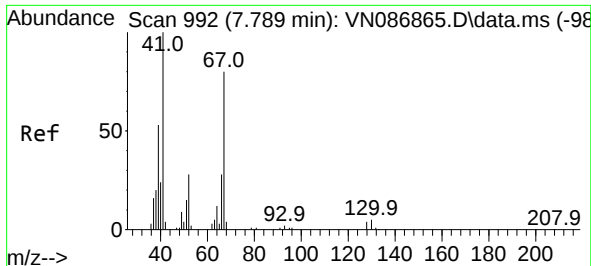
Tgt Ion: 78 Resp: 281852

Ion Ratio Lower Upper

78 100

77 23.4 18.7 28.1

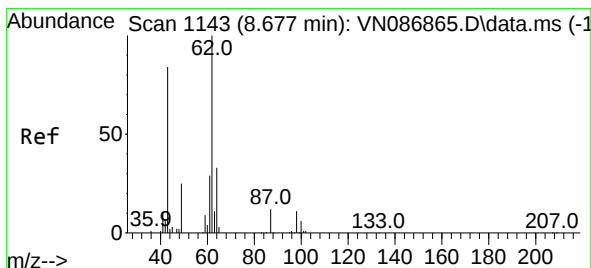
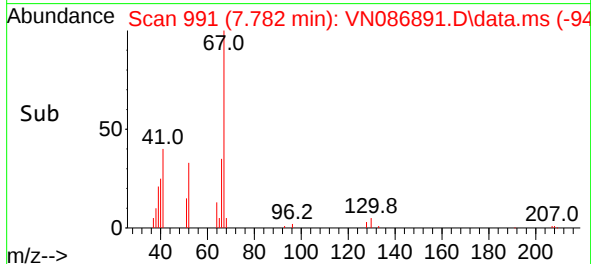
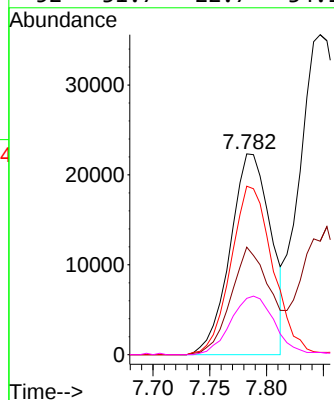
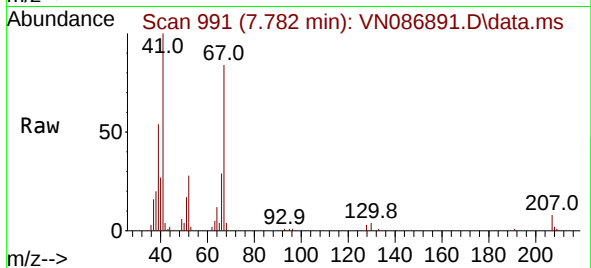




#41
Methacrylonitrile
Concen: 18.568 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

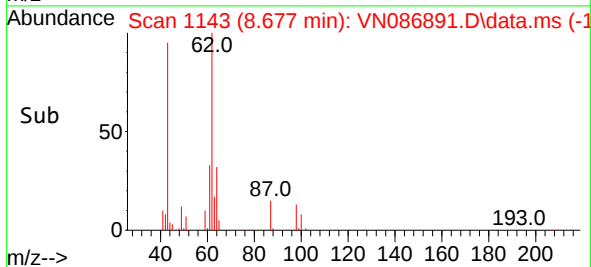
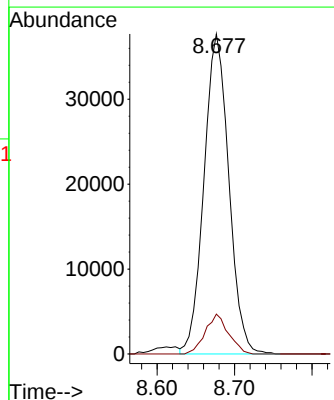
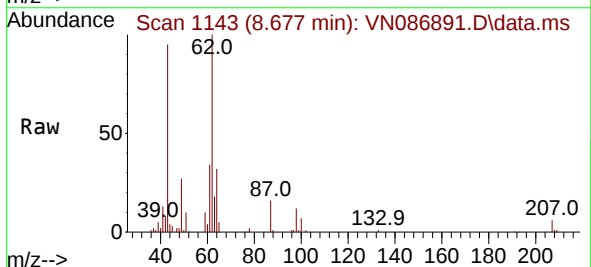
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBS01

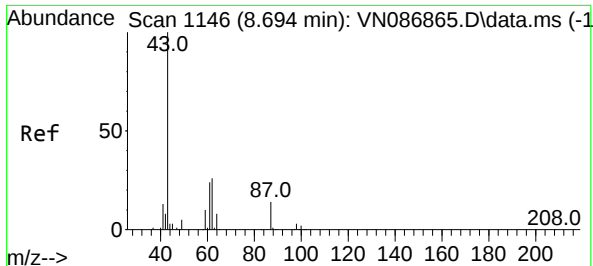
Tgt Ion:	41	Resp:	55559
Ion	Ratio	Lower	Upper
41	100		
39	54.0	41.2	61.8
67	87.0	61.4	92.2
52	31.7	22.7	34.1



#42
1,2-Dichloroethane
Concen: 20.259 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

Tgt Ion:	62	Resp:	84099
Ion	Ratio	Lower	Upper
62	100		
98	11.6	0.0	21.2

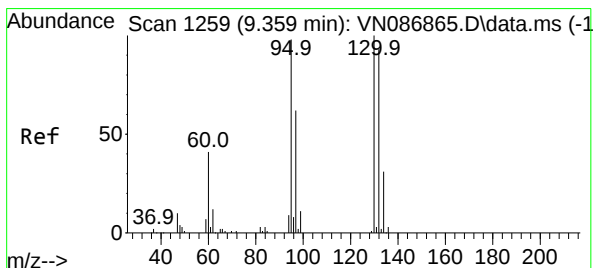
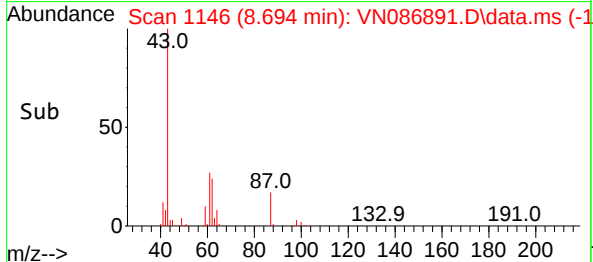
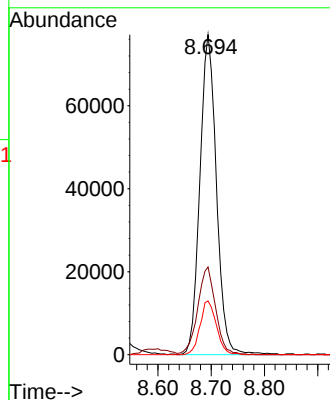
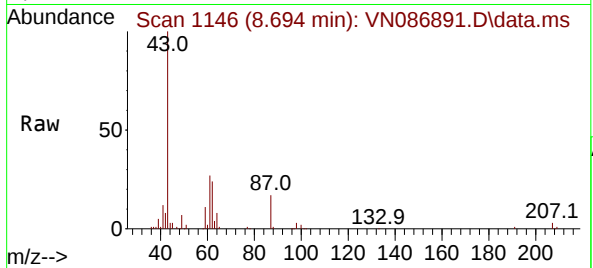




#43
Isopropyl Acetate
Concen: 19.478 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

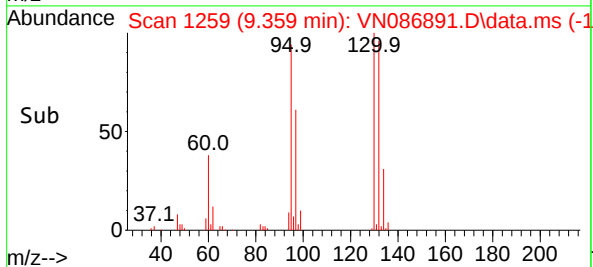
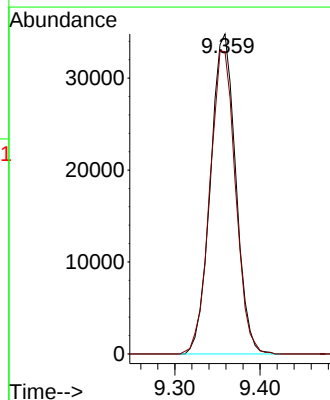
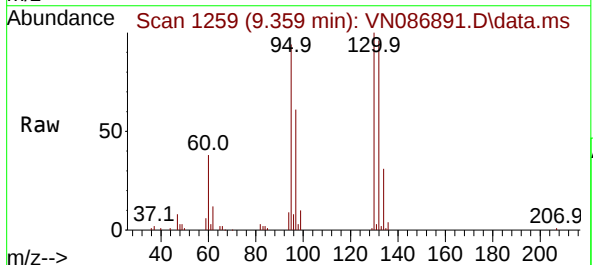
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBS01

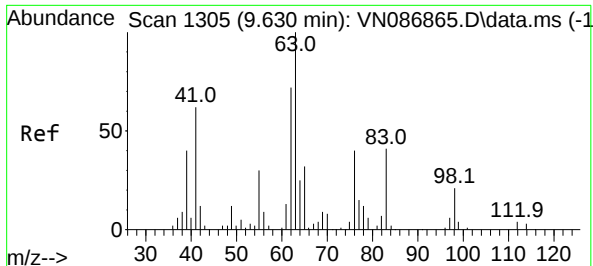
Tgt Ion: 43 Resp: 166562
Ion Ratio Lower Upper
43 100
61 29.7 22.1 33.1
87 16.6 11.8 17.6



#44
Trichloroethene
Concen: 22.081 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

Tgt Ion: 130 Resp: 71658
Ion Ratio Lower Upper
130 100
95 94.5 0.0 196.2





#45

1,2-Dichloropropane

Concen: 20.633 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.006 min

Lab File: VN086891.D

Acq: 09 Jun 2025 09:55

Instrument :

MSVOA_N

ClientSampleId :

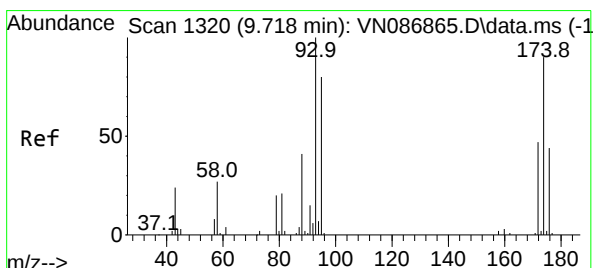
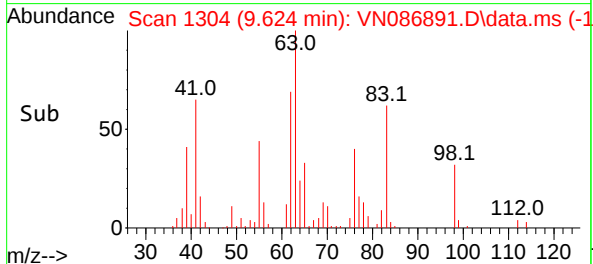
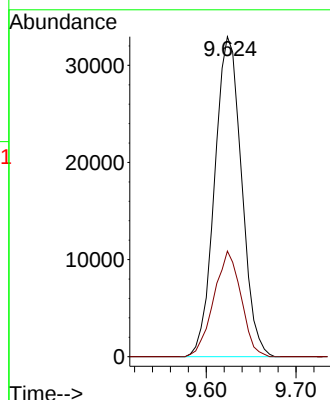
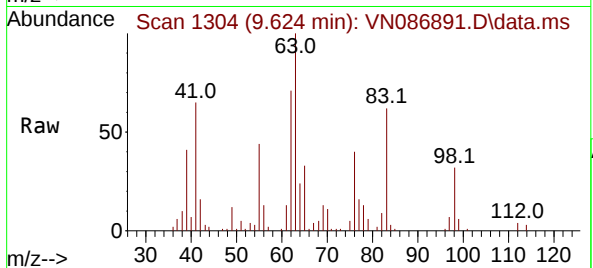
VN0609MBS01

Tgt Ion: 63 Resp: 68702

Ion Ratio Lower Upper

63 100

65 33.0 25.5 38.3



#46

Dibromomethane

Concen: 21.686 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN086891.D

Acq: 09 Jun 2025 09:55

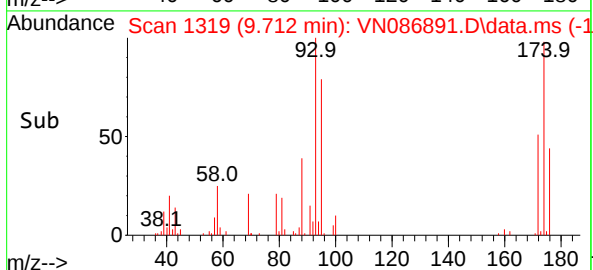
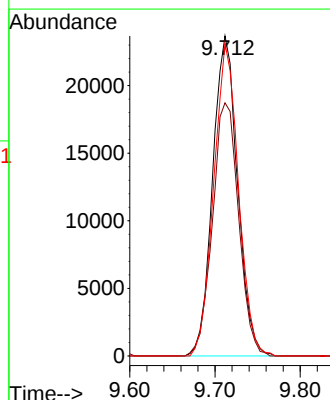
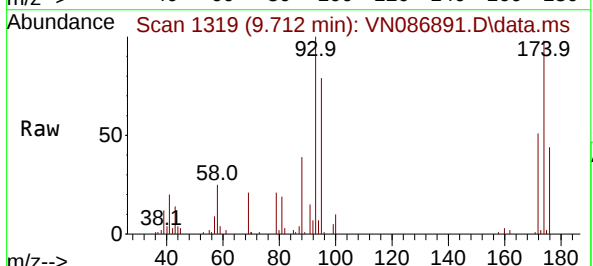
Tgt Ion: 93 Resp: 47961

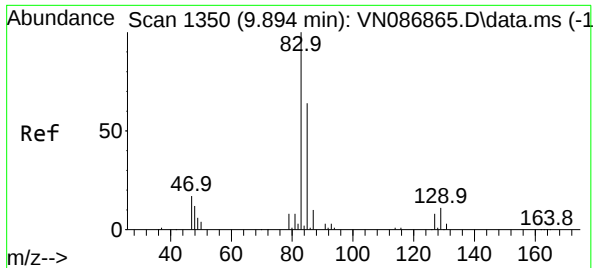
Ion Ratio Lower Upper

93 100

95 83.4 67.1 100.7

174 97.1 74.2 111.4

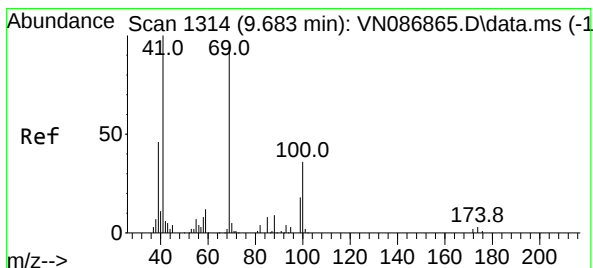
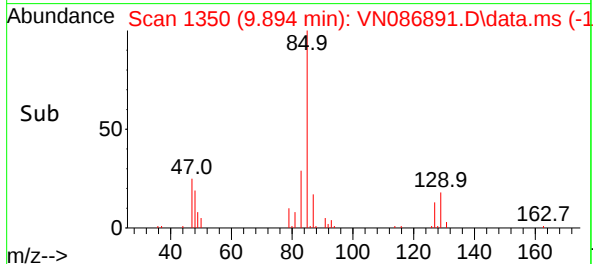
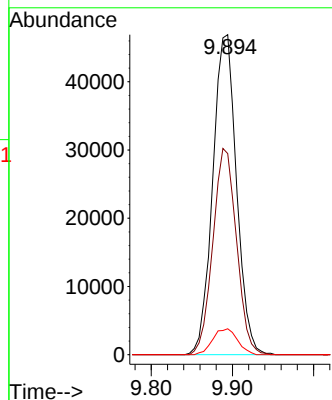
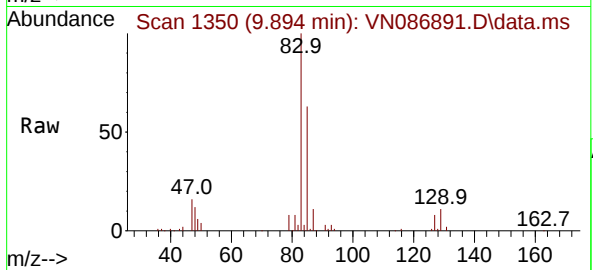




#47
Bromodichloromethane
Concen: 21.001 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

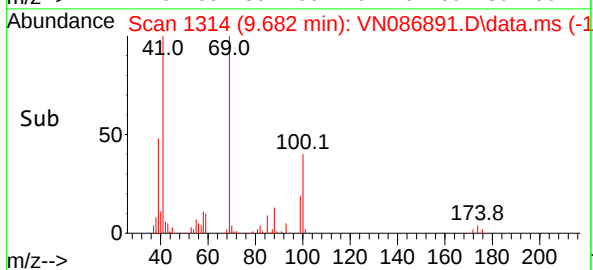
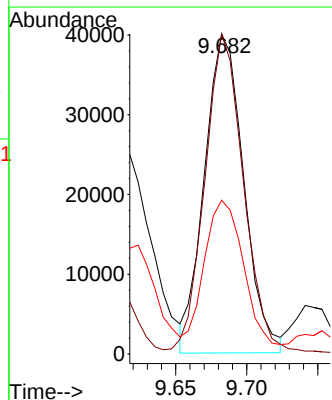
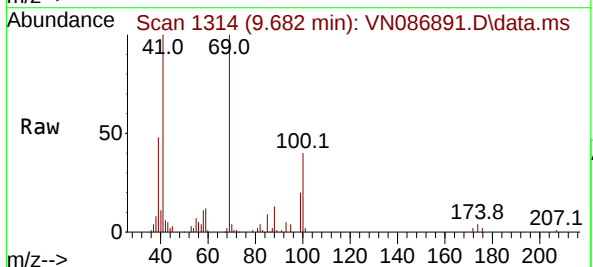
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBS01

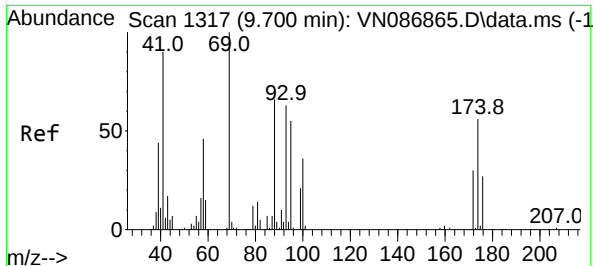
Tgt Ion: 83 Resp: 95564
Ion Ratio Lower Upper
83 100
85 62.8 50.9 76.3
127 8.1 6.6 10.0



#48
Methyl methacrylate
Concen: 19.549 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

Tgt Ion: 41 Resp: 76942
Ion Ratio Lower Upper
41 100
69 99.7 74.6 112.0
39 50.2 40.2 60.4





#49

1,4-Dioxane

Concen: 400.792 ug/l

RT: 9.706 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN086891.D

Acq: 09 Jun 2025 09:55

Instrument :

MSVOA_N

ClientSampleId :

VN0609MBS01

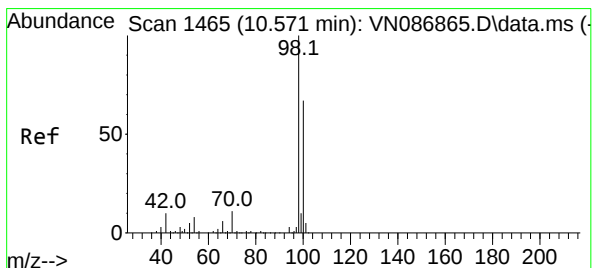
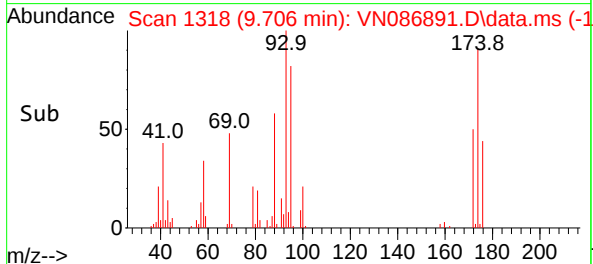
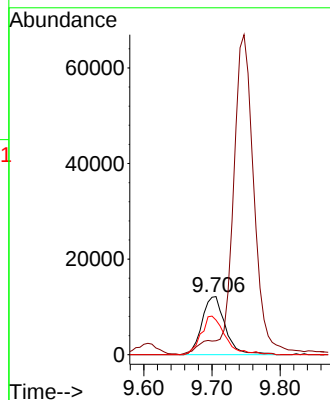
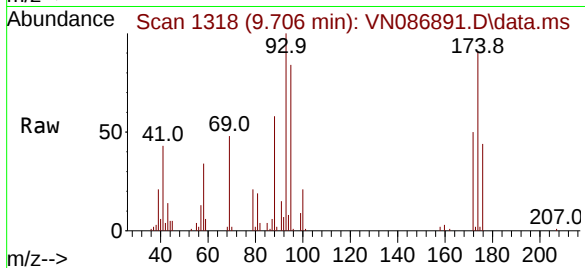
Tgt Ion: 88 Resp: 28698

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 69.0 57.7 86.5



#50

Toluene-d8

Concen: 48.625 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN086891.D

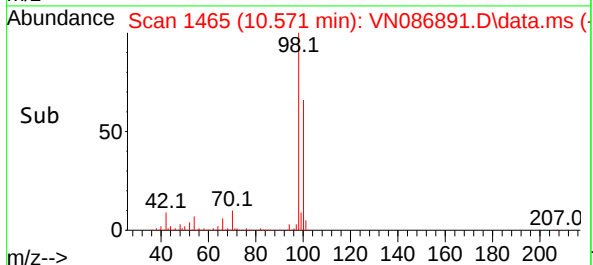
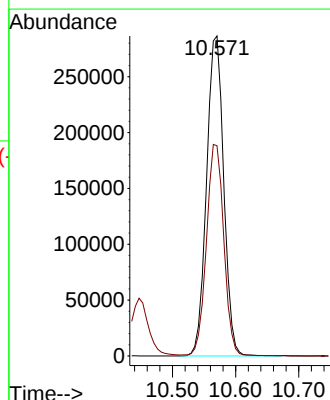
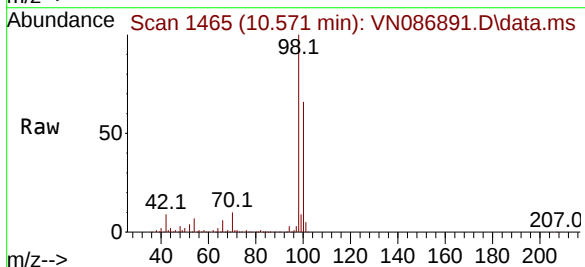
Acq: 09 Jun 2025 09:55

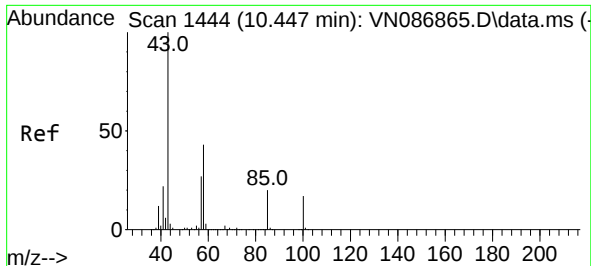
Tgt Ion: 98 Resp: 540677

Ion Ratio Lower Upper

98 100

100 66.7 53.4 80.0

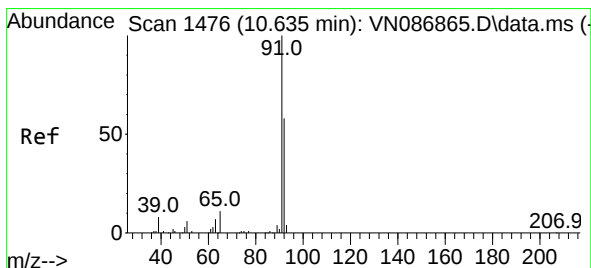
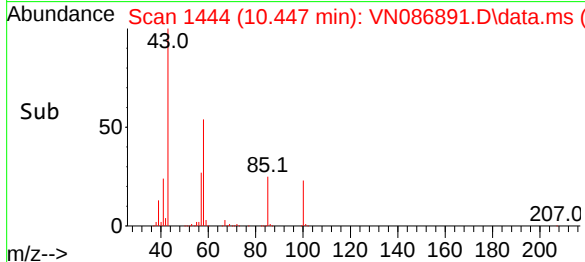
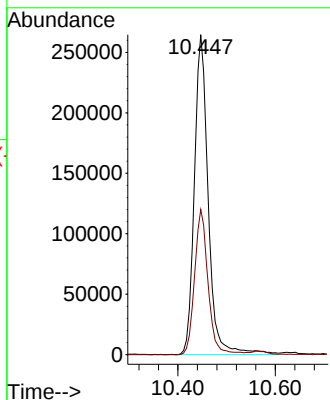
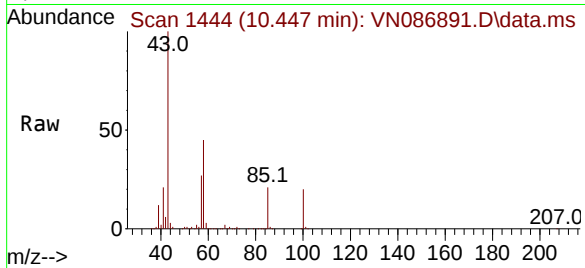




#51
4-Methyl-2-Pentanone
Concen: 102.290 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

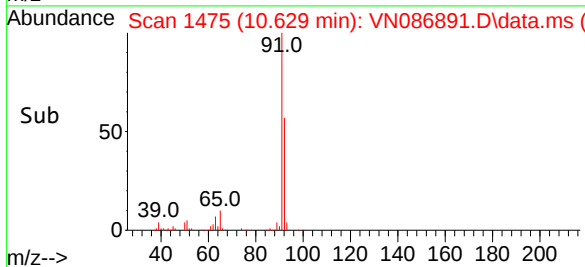
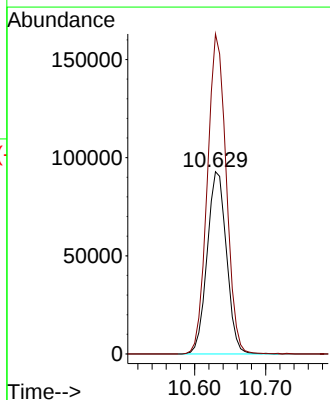
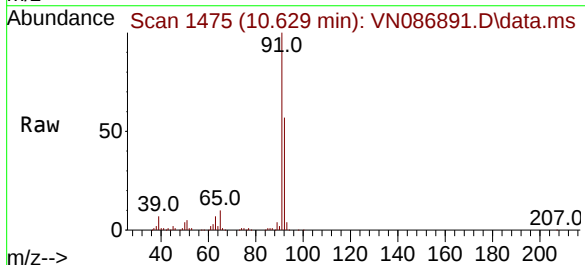
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBS01

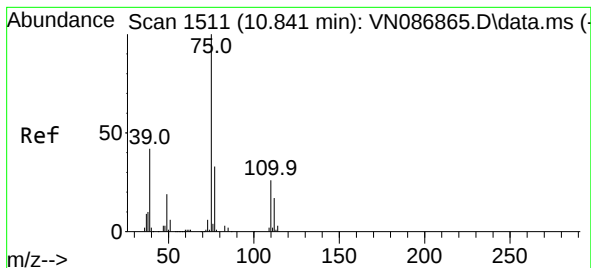
Tgt Ion: 43 Resp: 526593
Ion Ratio Lower Upper
43 100
58 43.9 34.2 51.4



#52
Toluene
Concen: 20.996 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

Tgt Ion: 92 Resp: 175608
Ion Ratio Lower Upper
92 100
91 171.3 136.5 204.7

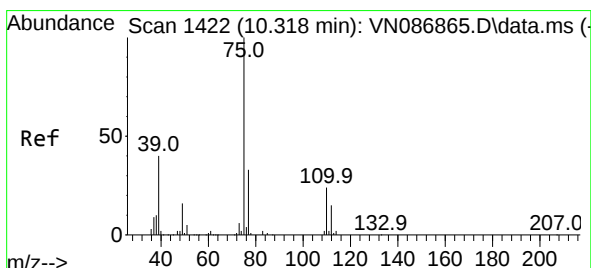
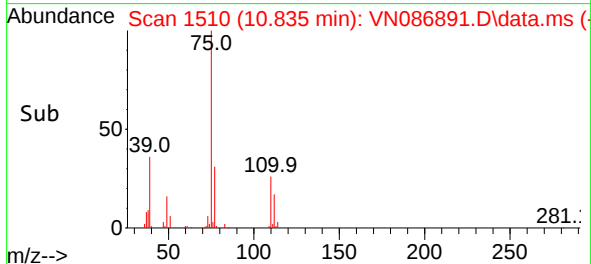
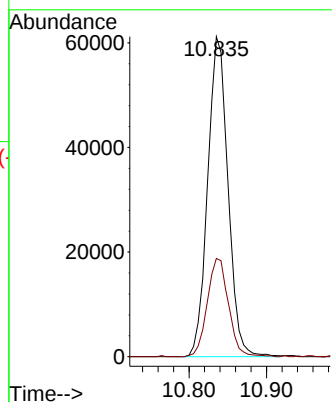
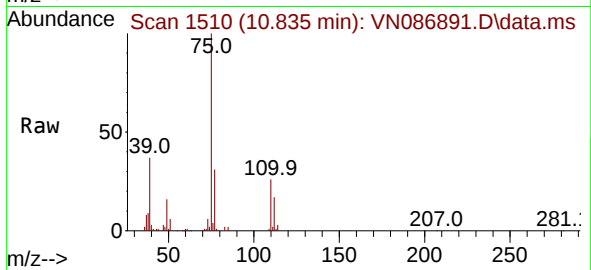




#53
 t-1,3-Dichloropropene
 Concen: 21.953 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.006 min
 Lab File: VN086891.D
 Acq: 09 Jun 2025 09:55

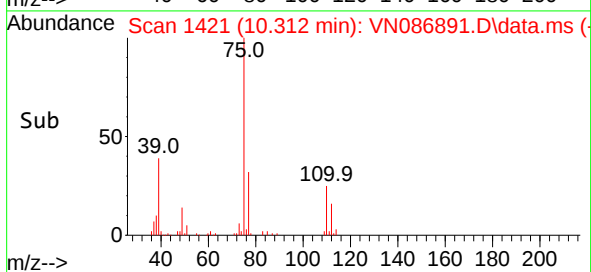
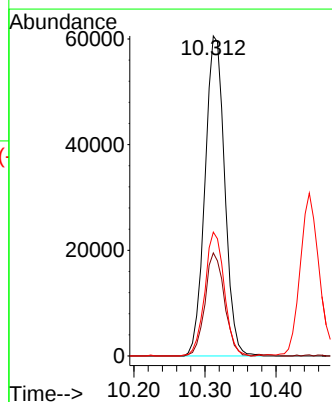
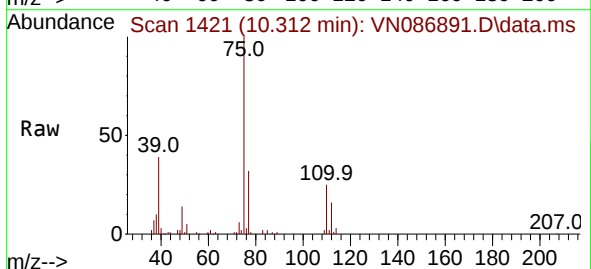
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0609MBS01

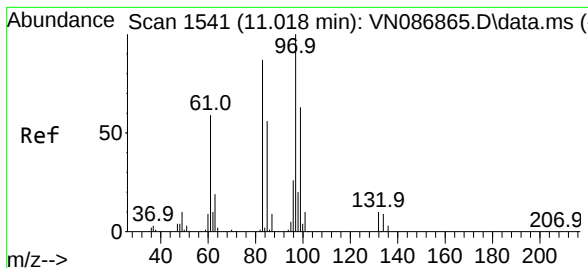
Tgt Ion: 75 Resp: 111703
 Ion Ratio Lower Upper
 75 100
 77 30.7 26.4 39.6



#54
 cis-1,3-Dichloropropene
 Concen: 21.482 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN086891.D
 Acq: 09 Jun 2025 09:55

Tgt Ion: 75 Resp: 116955
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.2 39.4
 39 38.7 32.3 48.5





#55

1,1,2-Trichloroethane

Concen: 21.423 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN086891.D

Acq: 09 Jun 2025 09:55

Instrument :

MSVOA_N

ClientSampleId :

VN0609MBS01

Tgt Ion: 97 Resp: 68945

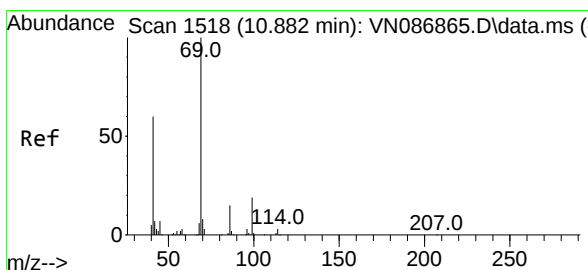
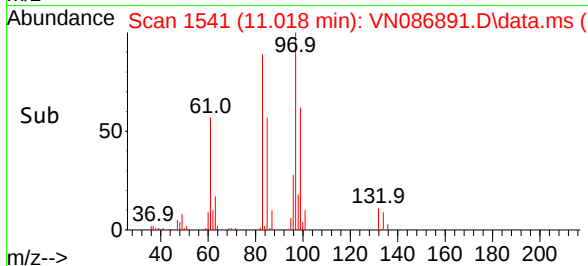
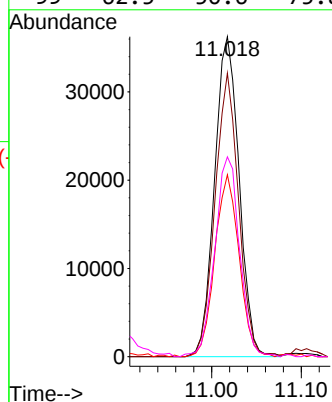
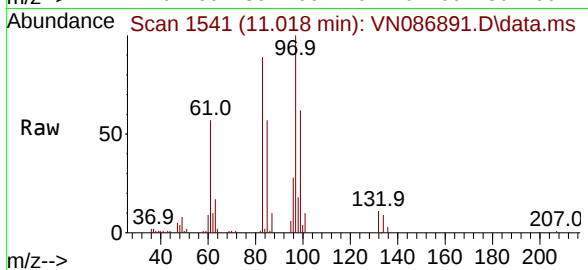
Ion Ratio Lower Upper

97 100

83 88.6 69.7 104.5

85 56.8 45.1 67.7

99 62.5 50.6 75.8



#56

Ethyl methacrylate

Concen: 22.568 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. -0.000 min

Lab File: VN086891.D

Acq: 09 Jun 2025 09:55

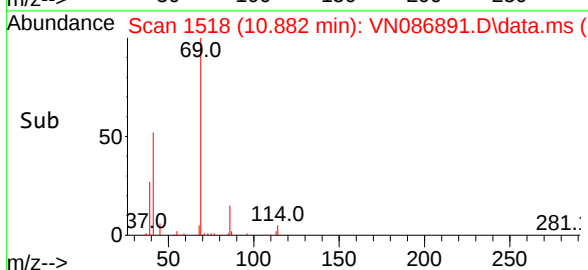
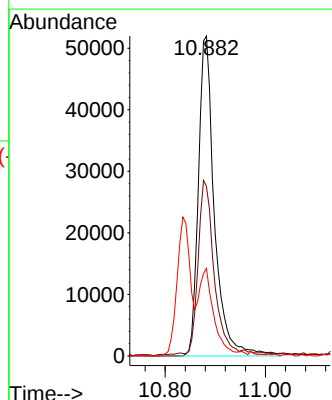
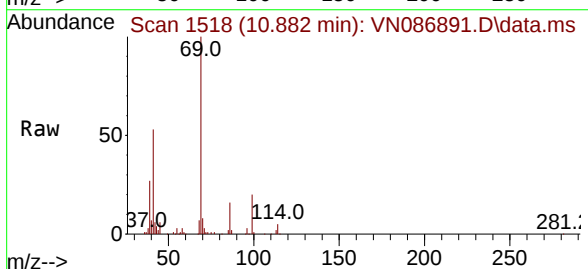
Tgt Ion: 69 Resp: 115686

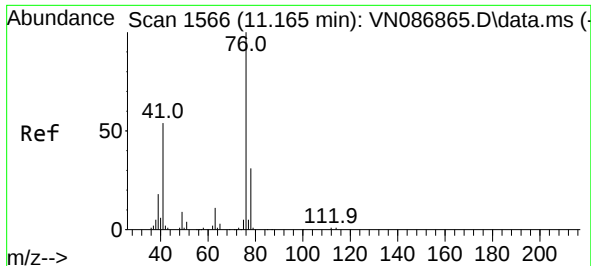
Ion Ratio Lower Upper

69 100

41 56.9 47.2 70.8

39 25.4 23.0 34.6





#57

1,3-Dichloropropane

Concen: 20.963 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086891.D

Acq: 09 Jun 2025 09:55

Instrument :

MSVOA_N

ClientSampleId :

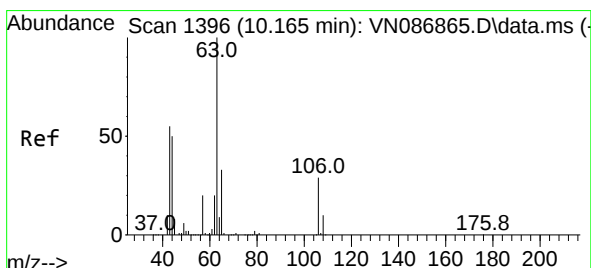
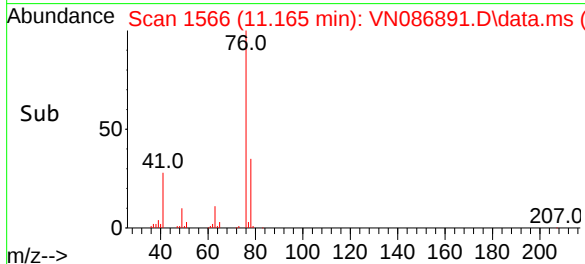
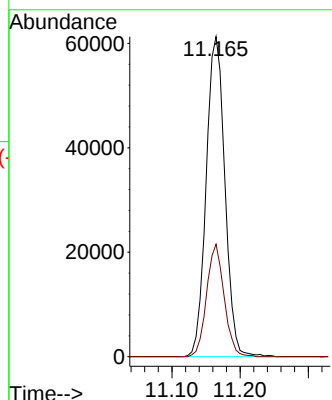
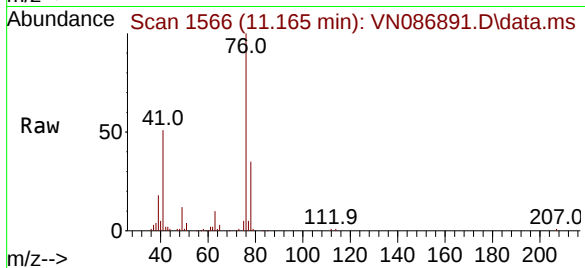
VN0609MBS01

Tgt Ion: 76 Resp: 117037

Ion Ratio Lower Upper

76 100

78 32.9 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 83.728 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN086891.D

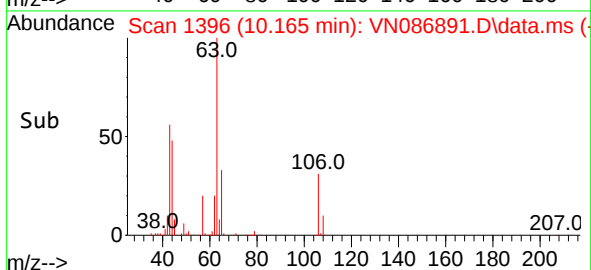
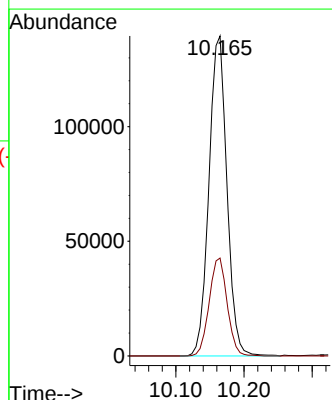
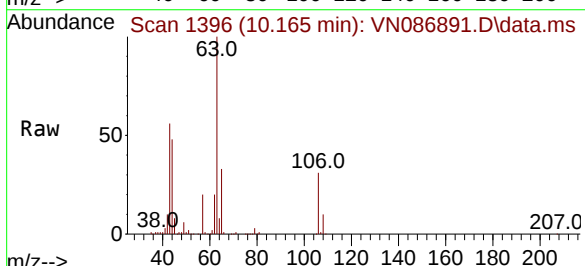
Acq: 09 Jun 2025 09:55

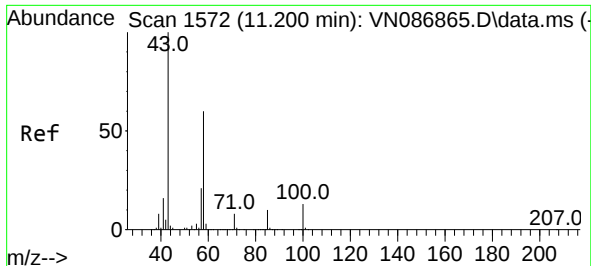
Tgt Ion: 63 Resp: 255991

Ion Ratio Lower Upper

63 100

106 30.6 23.0 34.6

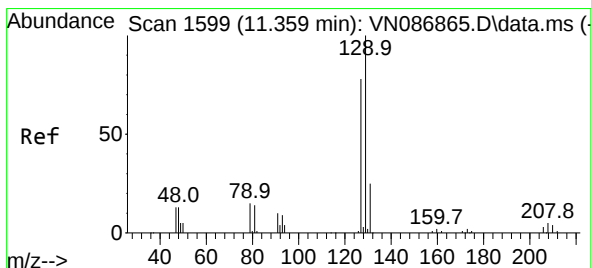
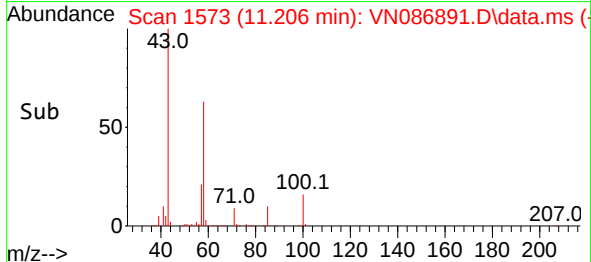
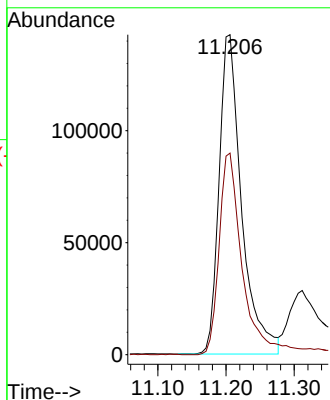
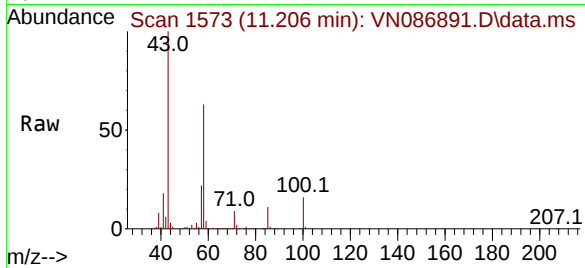




#59
2-Hexanone
Concen: 98.861 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

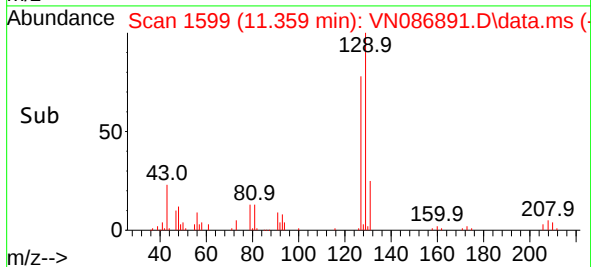
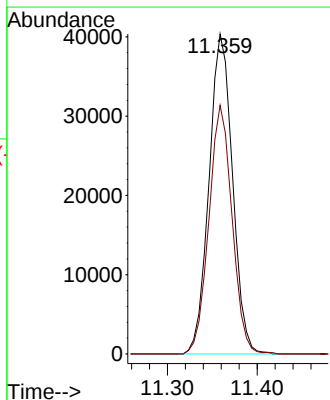
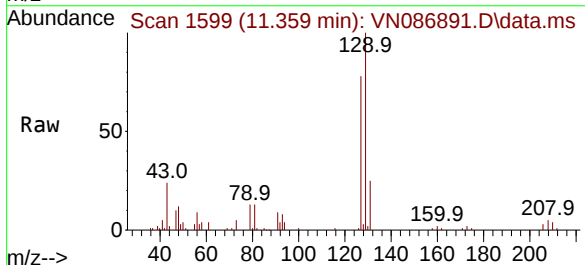
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBS01

Tgt Ion: 43 Resp: 327827
Ion Ratio Lower Upper
43 100
58 65.4 30.4 91.3



#60
Dibromochloromethane
Concen: 21.868 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

Tgt Ion: 129 Resp: 73326
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.8

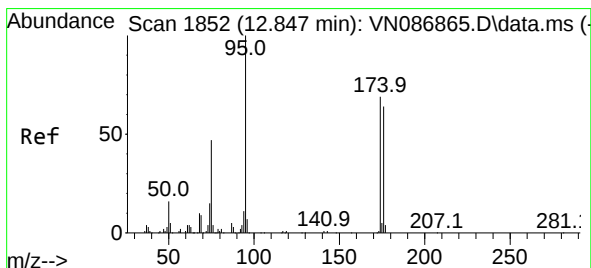
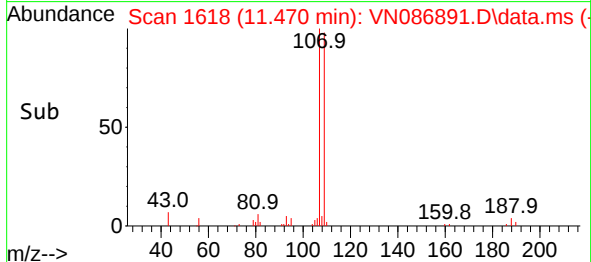
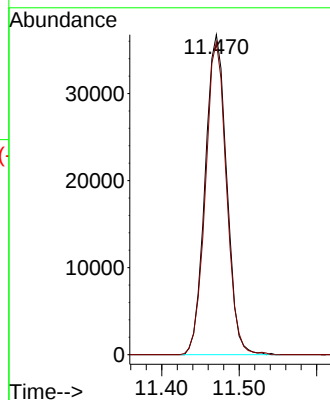
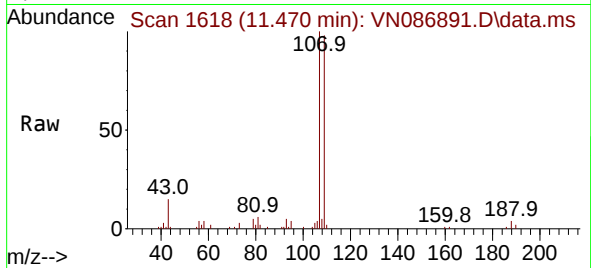




#61
1,2-Dibromoethane
Concen: 21.487 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

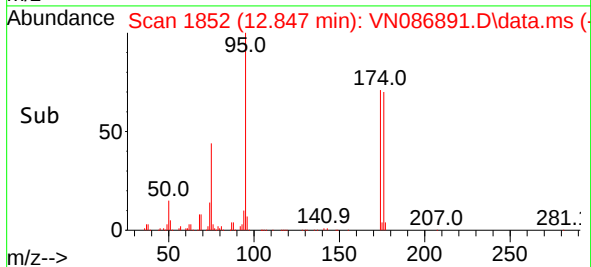
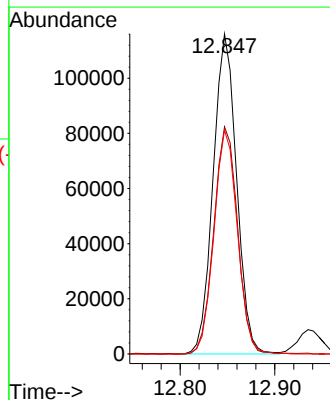
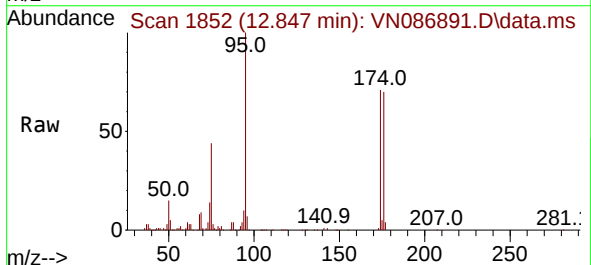
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBS01

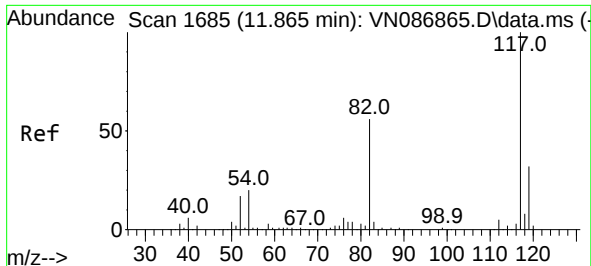
Tgt Ion:107 Resp: 70880
Ion Ratio Lower Upper
107 100
109 95.4 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 48.369 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

Tgt Ion: 95 Resp: 199820
Ion Ratio Lower Upper
95 100
174 72.2 0.0 141.8
176 69.8 0.0 132.6

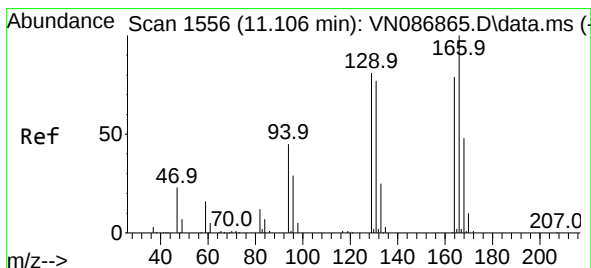
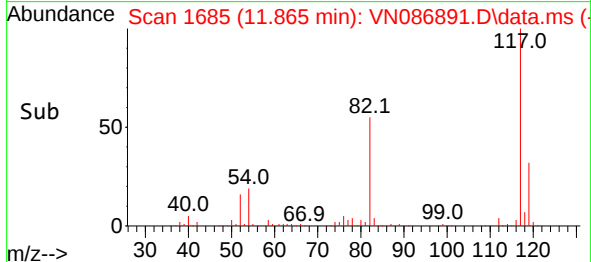
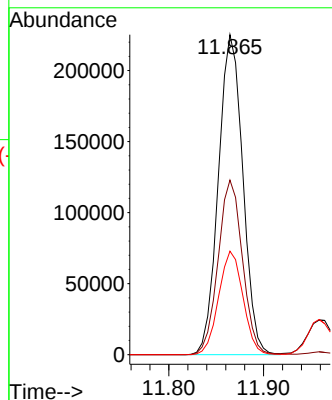
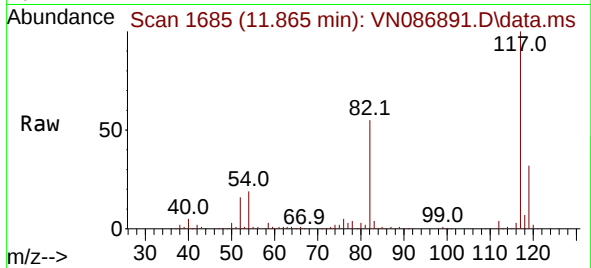




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

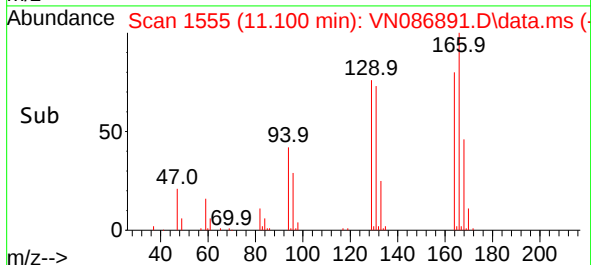
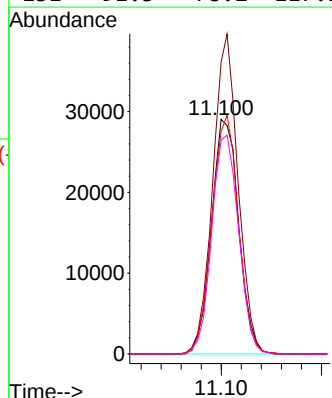
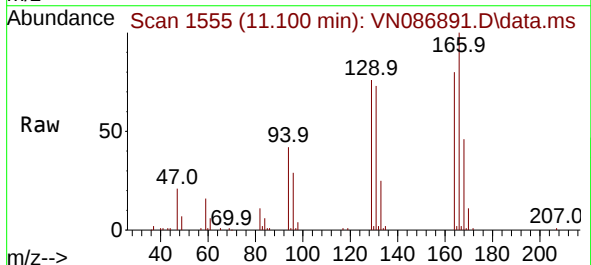
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBS01

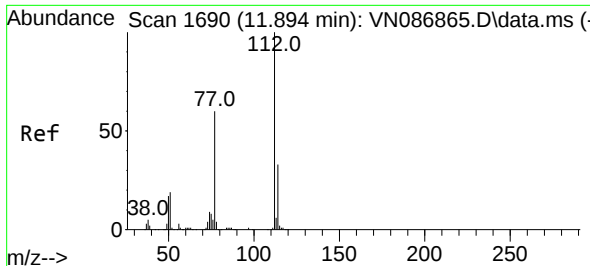
Tgt Ion:117 Resp: 404520
Ion Ratio Lower Upper
117 100
82 54.6 44.6 67.0
119 32.3 25.5 38.3



#64
Tetrachloroethene
Concen: 21.395 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

Tgt Ion:164 Resp: 54773
Ion Ratio Lower Upper
164 100
166 124.6 101.8 152.8
129 94.9 83.0 124.4
131 91.3 78.2 117.2

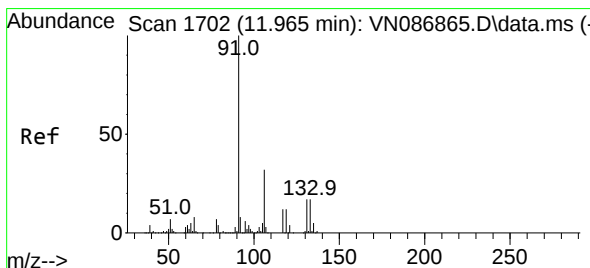
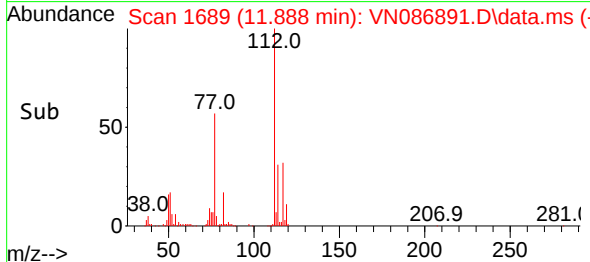
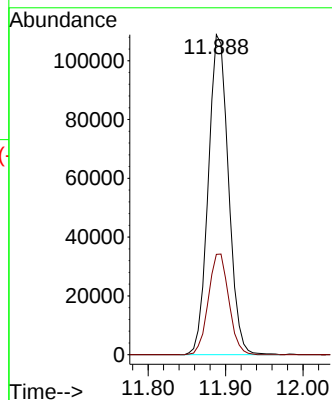
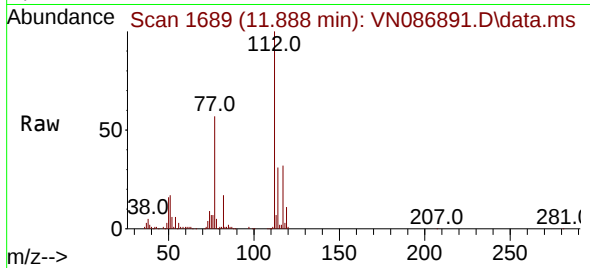




#65
Chlorobenzene
Concen: 22.018 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.006 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

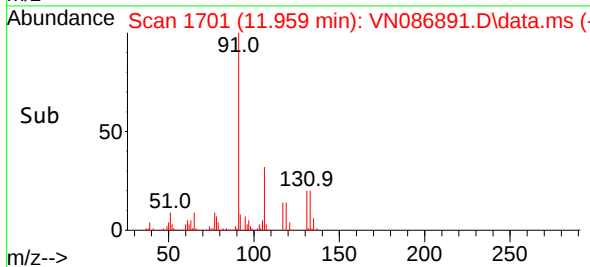
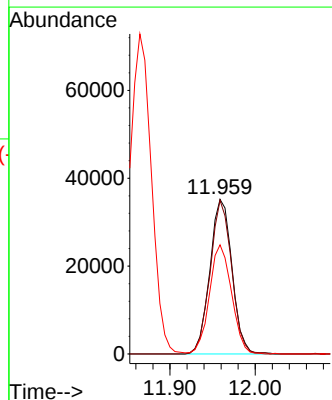
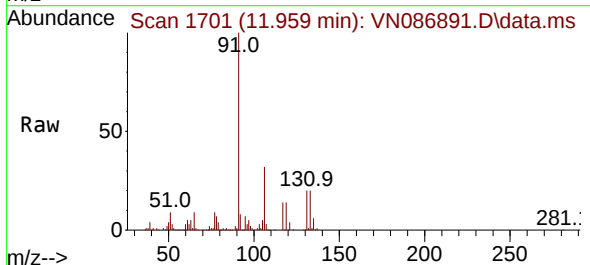
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBS01

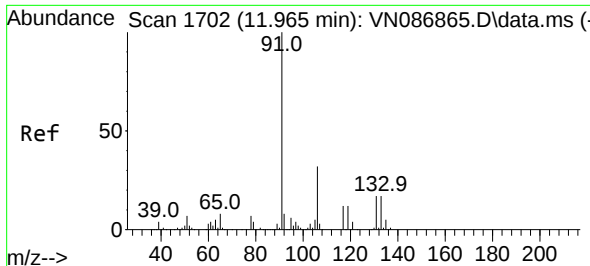
Tgt Ion:112 Resp: 196439
Ion Ratio Lower Upper
112 100
114 31.3 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 22.153 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

Tgt Ion:131 Resp: 63534
Ion Ratio Lower Upper
131 100
133 96.5 48.3 144.8
119 70.5 34.0 101.8

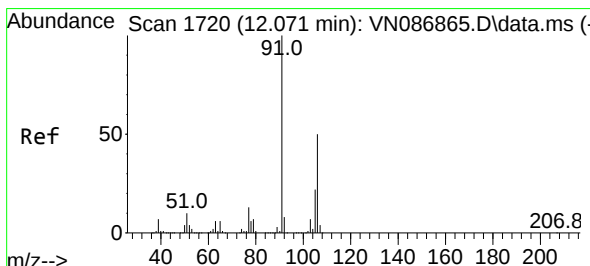
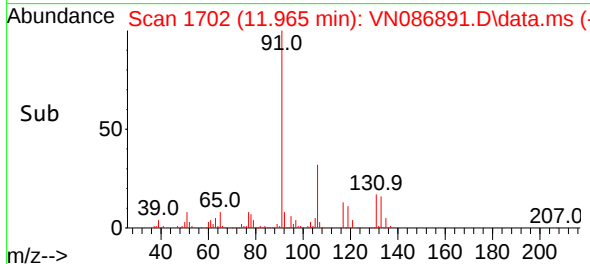
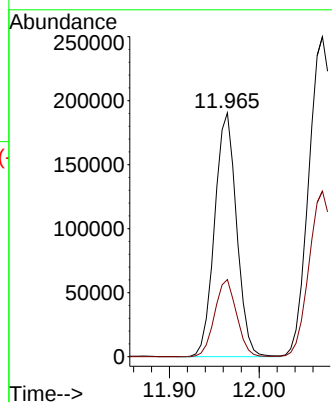
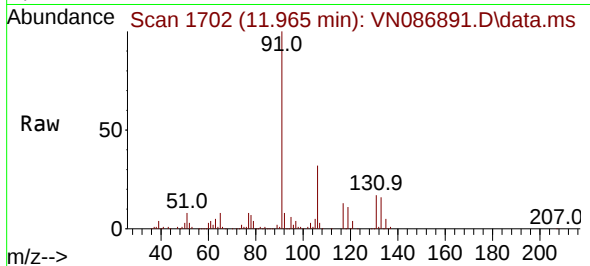




#67
Ethyl Benzene
Concen: 21.081 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

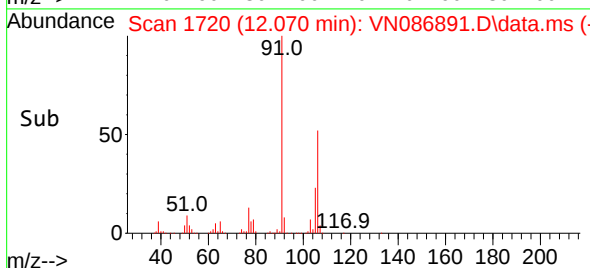
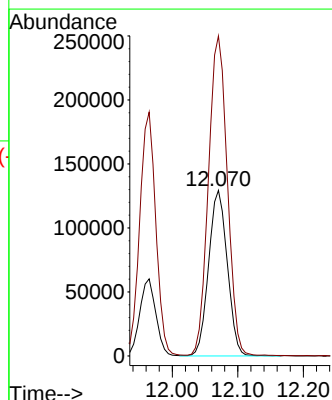
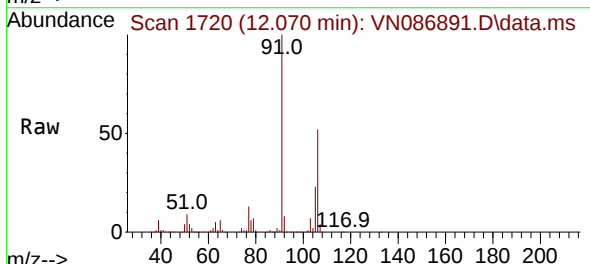
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBS01

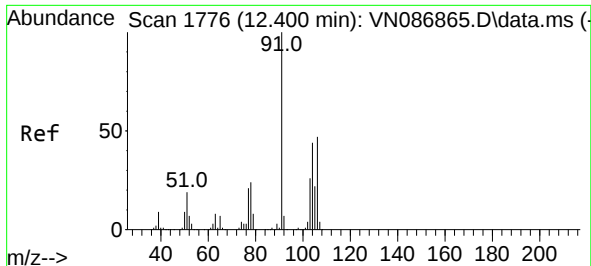
Tgt Ion: 91 Resp: 323962
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.2



#68
m/p-Xylenes
Concen: 43.546 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

Tgt Ion:106 Resp: 256173
Ion Ratio Lower Upper
106 100
91 195.0 159.4 239.0

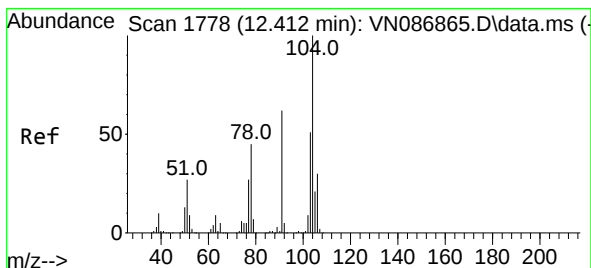
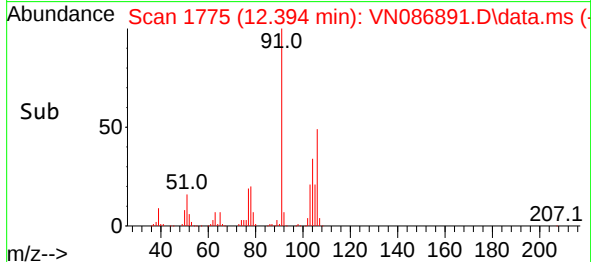
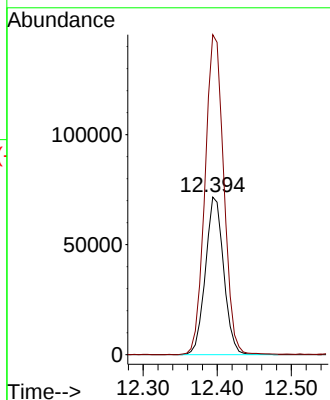
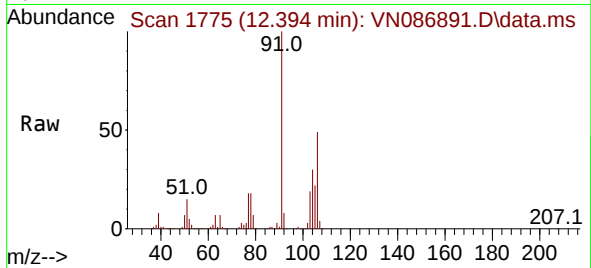




#69
o-Xylene
Concen: 21.759 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

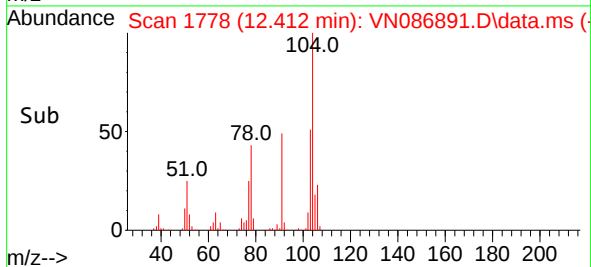
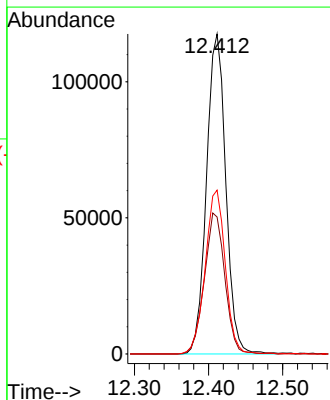
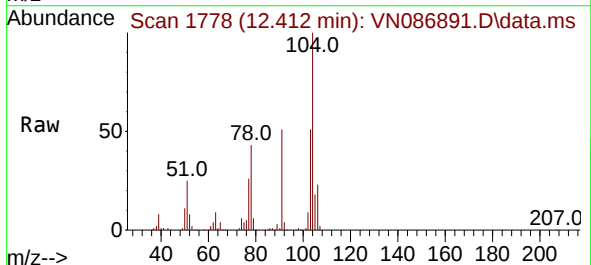
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBS01

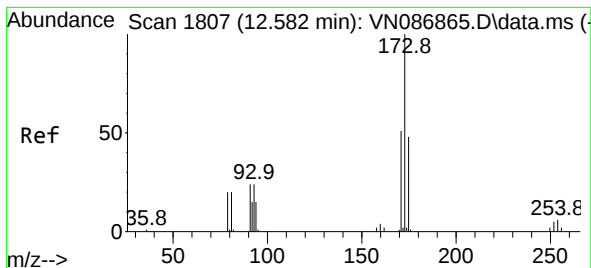
Tgt Ion:106 Resp: 122596
Ion Ratio Lower Upper
106 100
91 209.1 106.1 318.1



#70
Styrene
Concen: 22.018 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

Tgt Ion:104 Resp: 212273
Ion Ratio Lower Upper
104 100
78 46.8 38.5 57.7
103 53.6 43.1 64.7





#71

Bromoform

Concen: 23.408 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086891.D

Acq: 09 Jun 2025 09:55

Instrument :

MSVOA_N

ClientSampleId :

VN0609MBS01

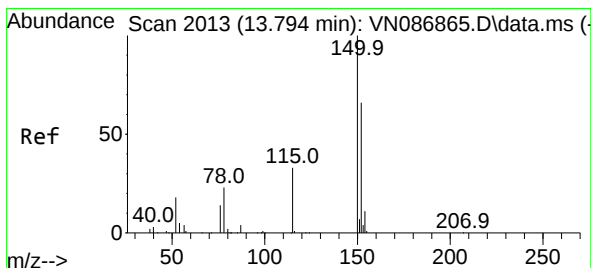
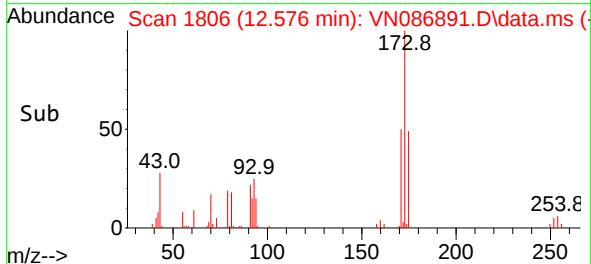
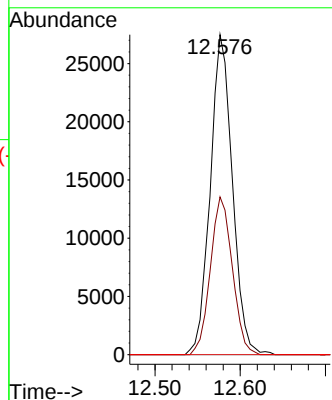
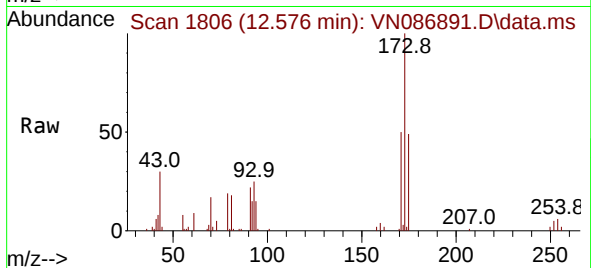
Tgt Ion:173 Resp: 49742

Ion Ratio Lower Upper

173 100

175 48.9 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.006 min

Lab File: VN086891.D

Acq: 09 Jun 2025 09:55

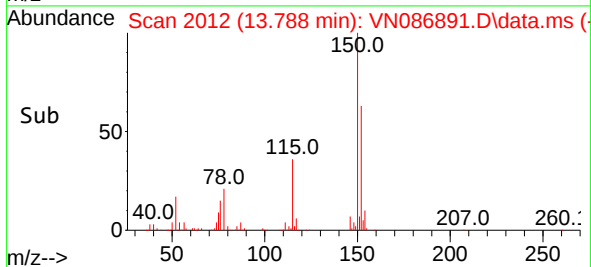
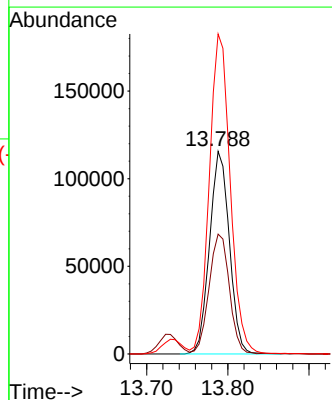
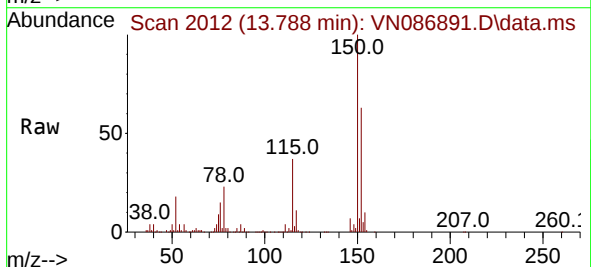
Tgt Ion:152 Resp: 195936

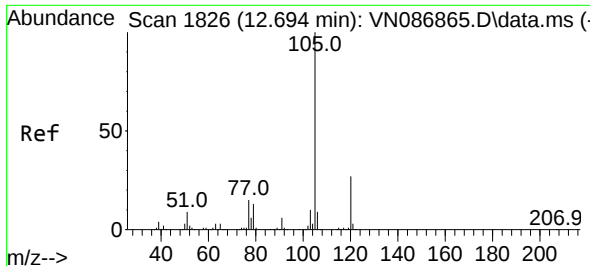
Ion Ratio Lower Upper

152 100

115 60.1 30.1 90.5

150 166.6 0.0 345.0

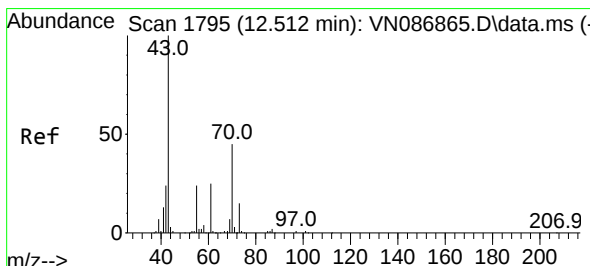
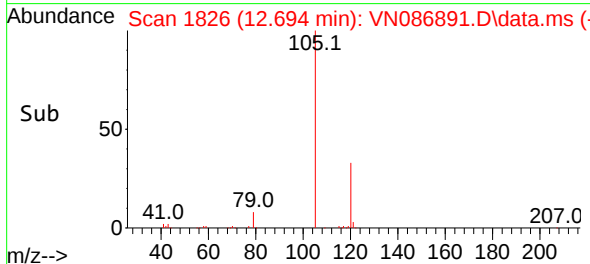
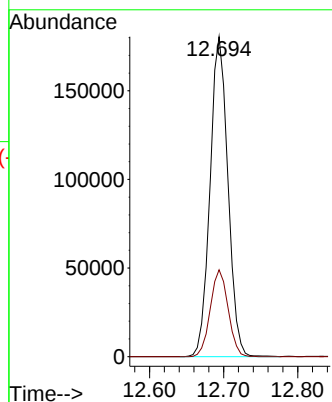
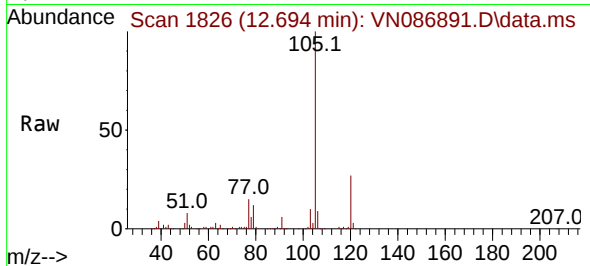




#73
Isopropylbenzene
Concen: 21.177 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

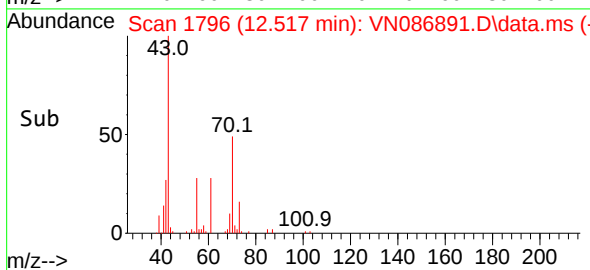
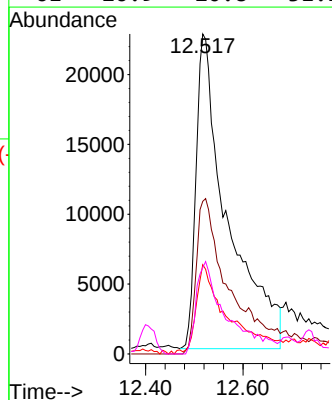
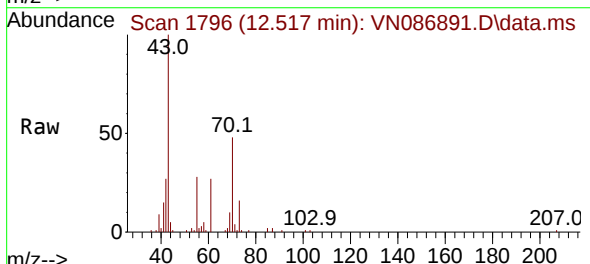
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBS01

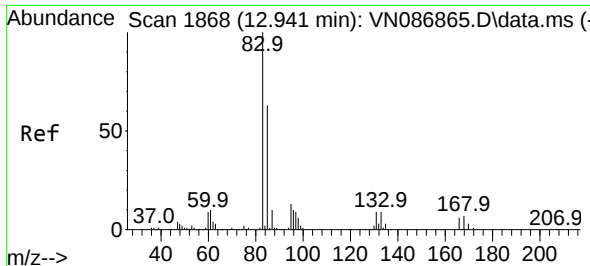
Tgt Ion:105 Resp: 302278
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4



#74
N-ethyl acetate
Concen: 20.312 ug/l
RT: 12.517 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

Tgt Ion: 43 Resp: 101314
Ion Ratio Lower Upper
43 100
70 53.9 37.6 56.4
55 29.5 19.0 28.6#
61 26.9 20.8 31.2

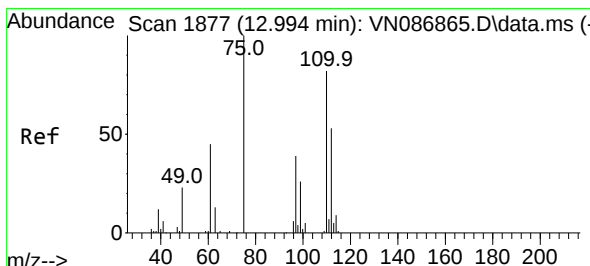
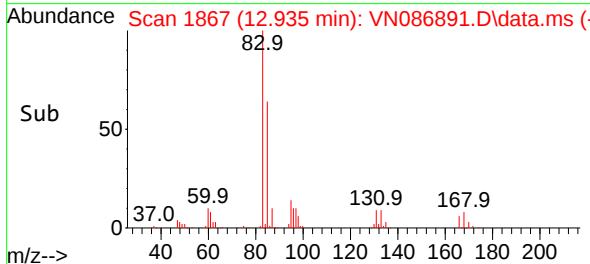
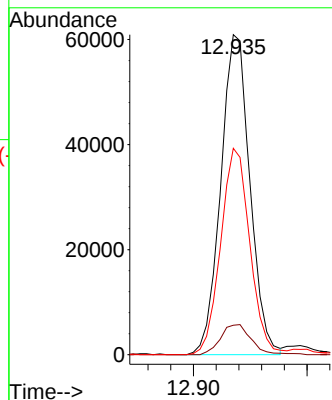
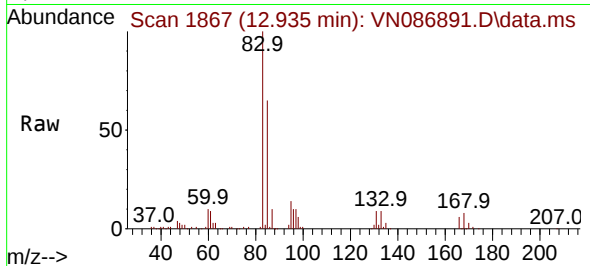




#75
1,1,2,2-Tetrachloroethane
Concen: 22.460 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

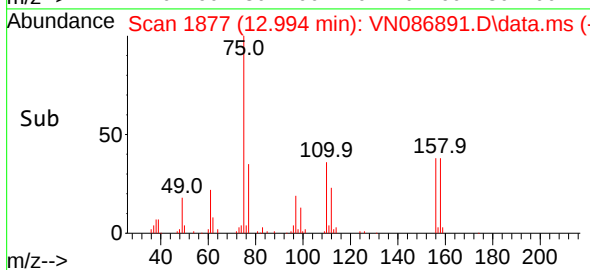
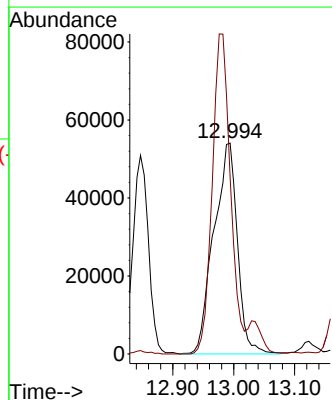
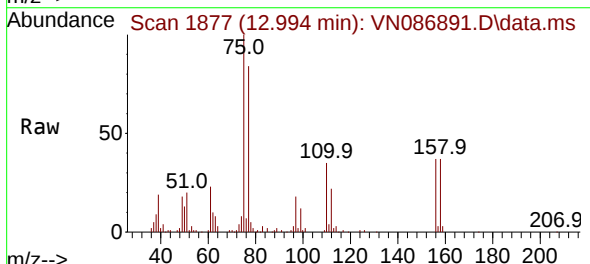
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBS01

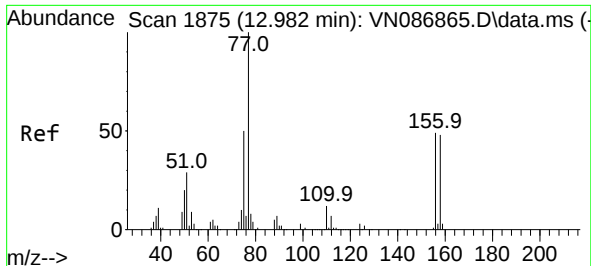
Tgt Ion: 83 Resp: 108609
Ion Ratio Lower Upper
83 100
131 9.9 4.9 14.7
85 64.5 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 31.192 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

Tgt Ion: 75 Resp: 145274
Ion Ratio Lower Upper
75 100
77 117.3 79.3 237.9

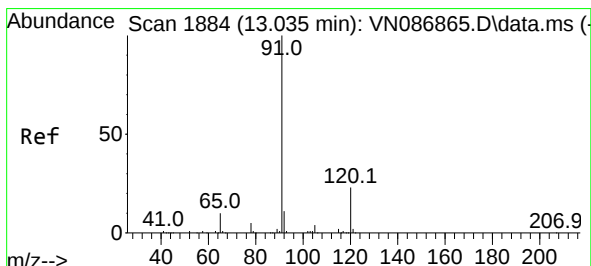
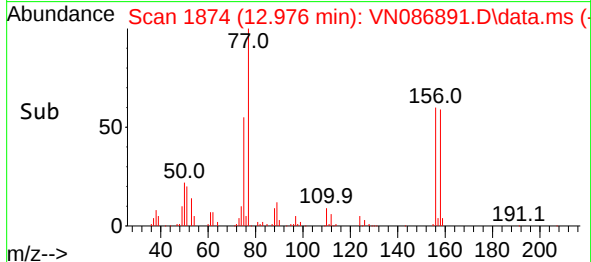
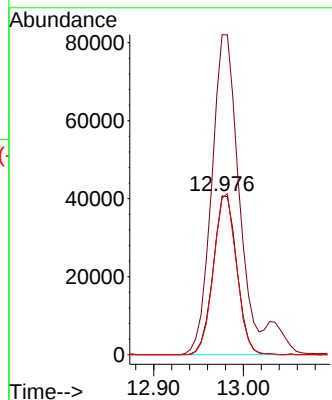
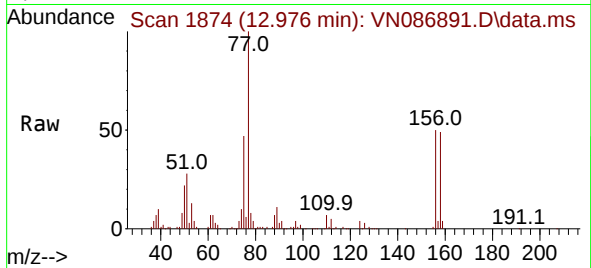




#77
Bromobenzene
Concen: 22.788 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

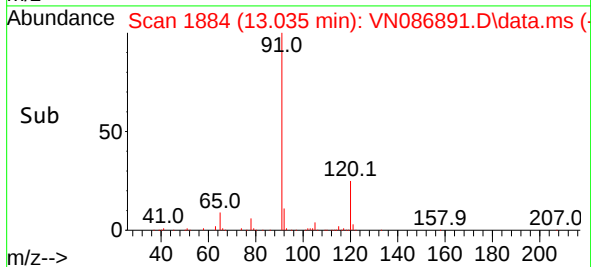
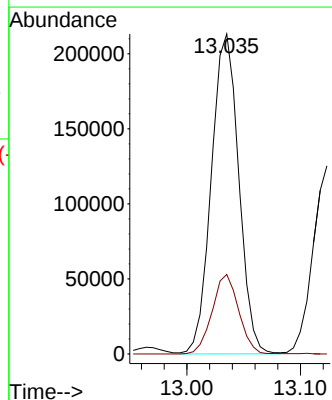
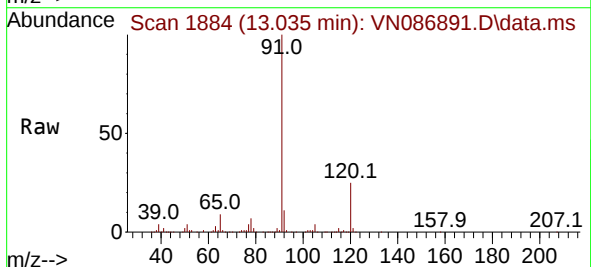
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBS01

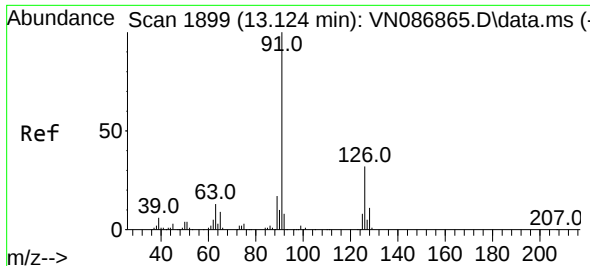
Tgt Ion:156 Resp: 74596
Ion Ratio Lower Upper
156 100
77 228.5 117.7 353.1
158 98.3 48.1 144.4



#78
n-propylbenzene
Concen: 20.575 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

Tgt Ion: 91 Resp: 356918
Ion Ratio Lower Upper
91 100
120 24.1 11.4 34.2

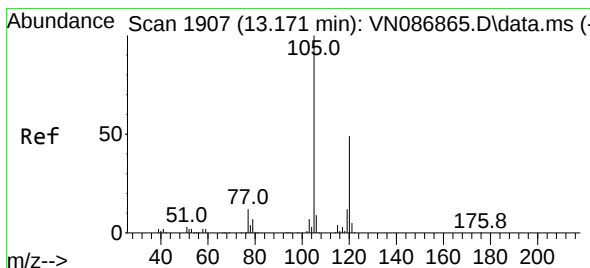
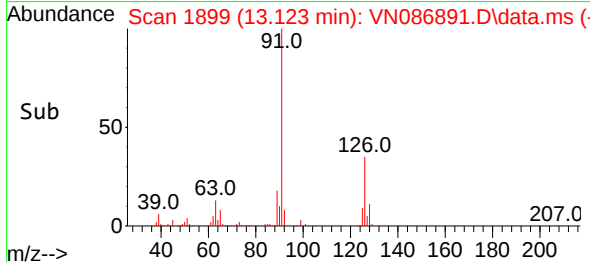
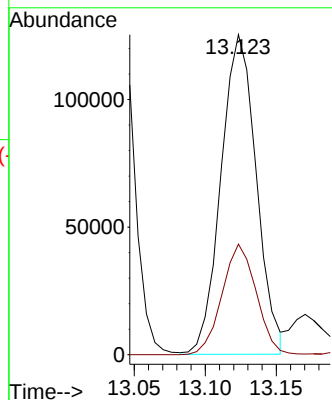
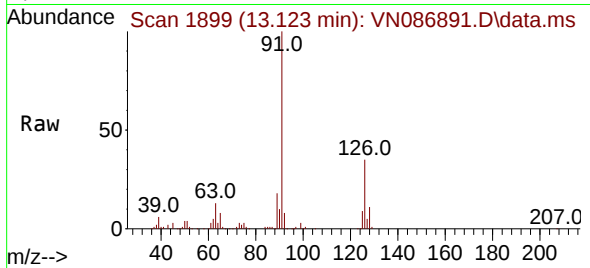




#79
2-Chlorotoluene
Concen: 20.825 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

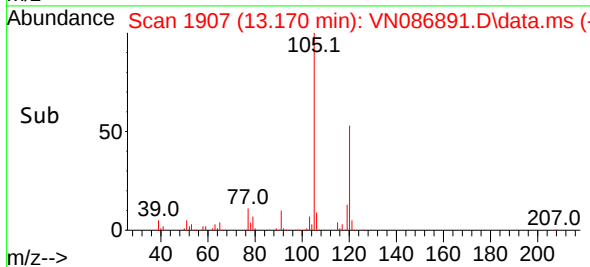
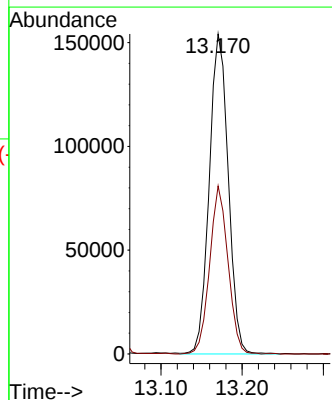
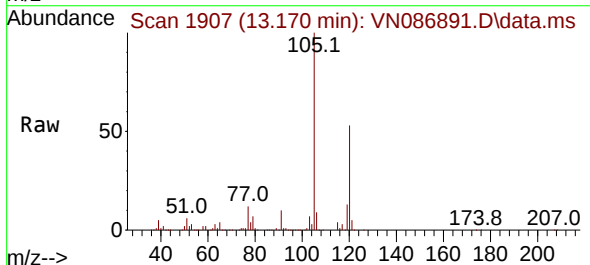
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBS01

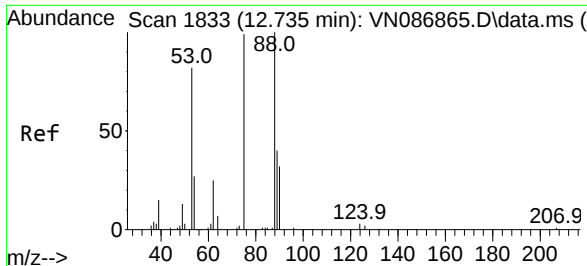
Tgt Ion: 91 Resp: 216641
Ion Ratio Lower Upper
91 100
126 33.5 16.2 48.5



#80
1,3,5-Trimethylbenzene
Concen: 21.237 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

Tgt Ion: 105 Resp: 250280
Ion Ratio Lower Upper
105 100
120 50.7 24.9 74.6

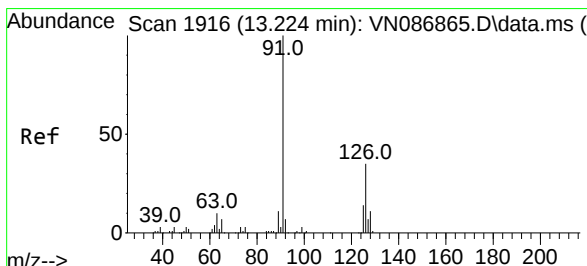
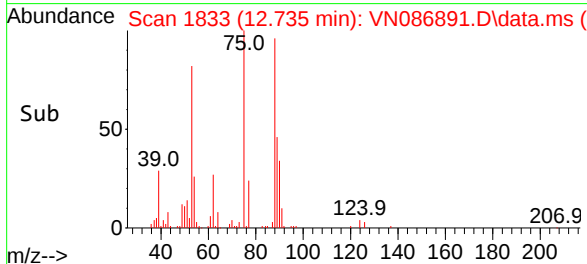
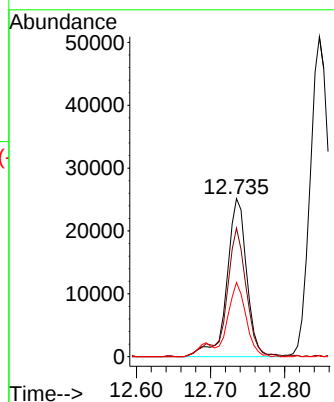
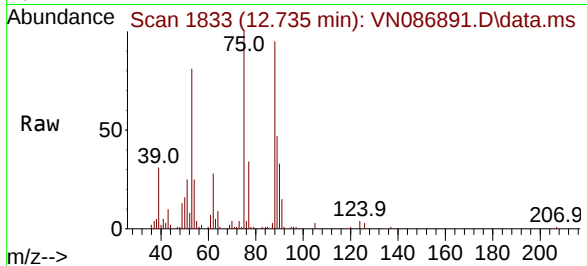




#81
trans-1,4-Dichloro-2-butene
Concen: 23.059 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

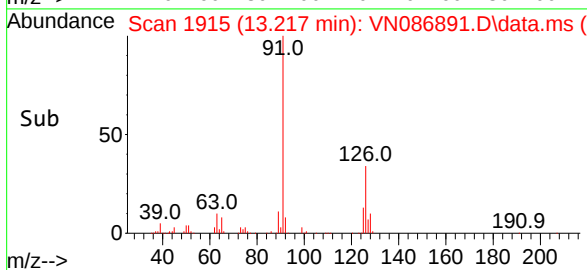
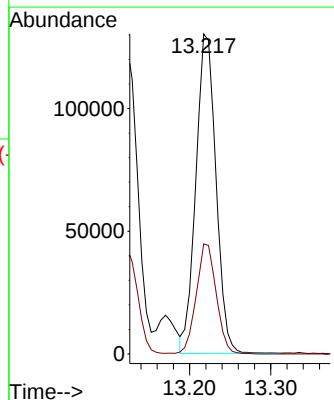
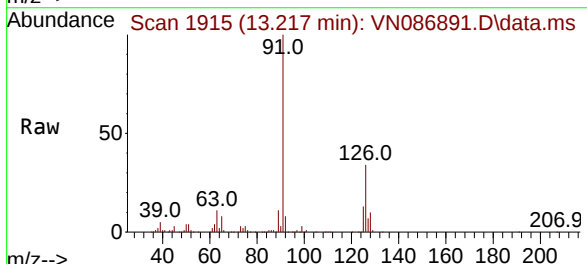
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBS01

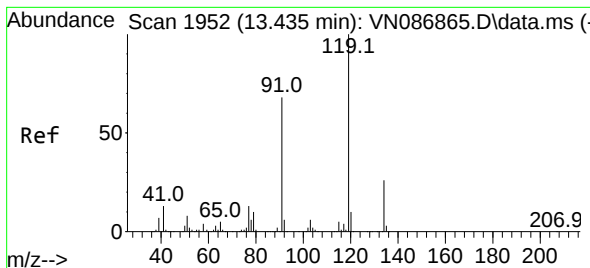
Tgt Ion: 75 Resp: 46654
Ion Ratio Lower Upper
75 100
53 82.0 66.6 99.8
89 42.6 36.7 55.1



#82
4-Chlorotoluene
Concen: 21.307 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

Tgt Ion: 91 Resp: 224278
Ion Ratio Lower Upper
91 100
126 34.4 16.7 50.1





#83

tert-Butylbenzene

Concen: 21.255 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN086891.D

Acq: 09 Jun 2025 09:55

Instrument :

MSVOA_N

ClientSampleId :

VN0609MBS01

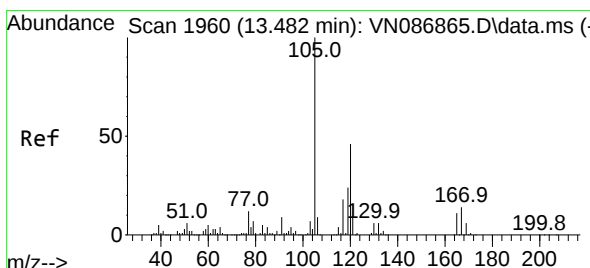
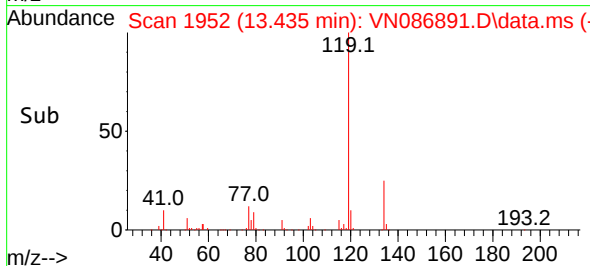
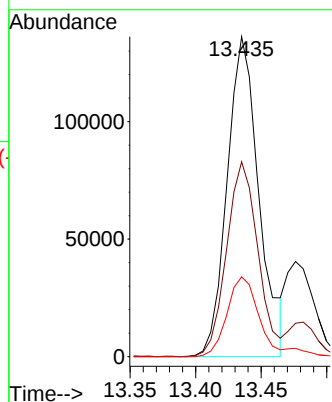
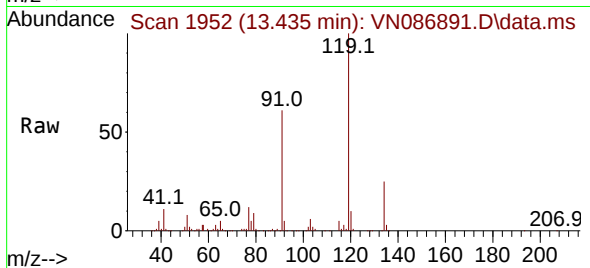
Tgt Ion:119 Resp: 229297

Ion Ratio Lower Upper

119 100

91 60.3 32.1 96.5

134 26.3 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 21.255 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN086891.D

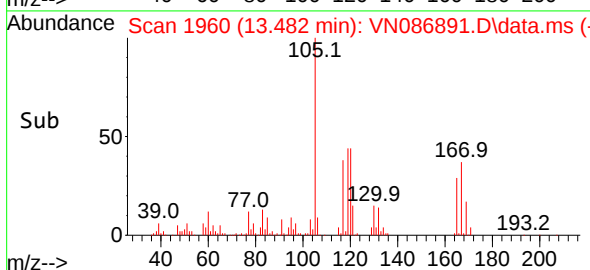
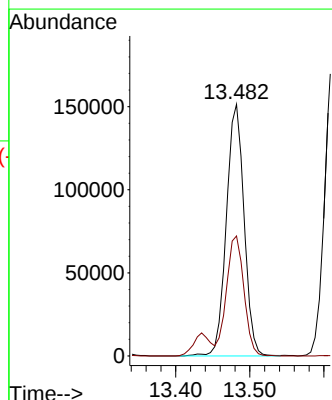
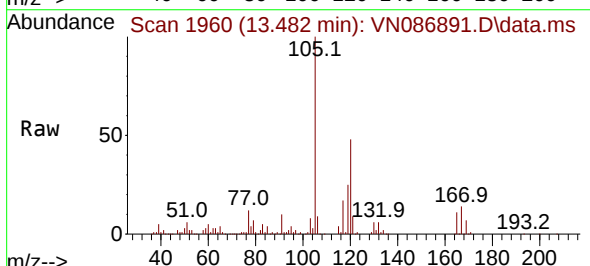
Acq: 09 Jun 2025 09:55

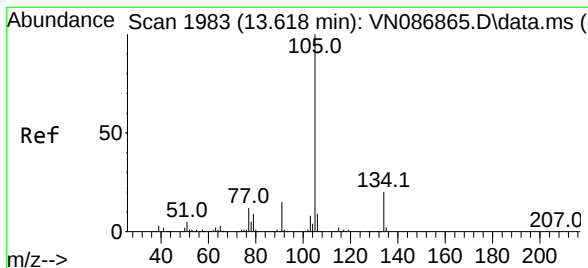
Tgt Ion:105 Resp: 251182

Ion Ratio Lower Upper

105 100

120 47.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.468 ug/l

RT: 13.611 min Scan# 1983

Delta R.T. -0.006 min

Lab File: VN086891.D

Acq: 09 Jun 2025 09:55

Instrument :

MSVOA_N

ClientSampleId :

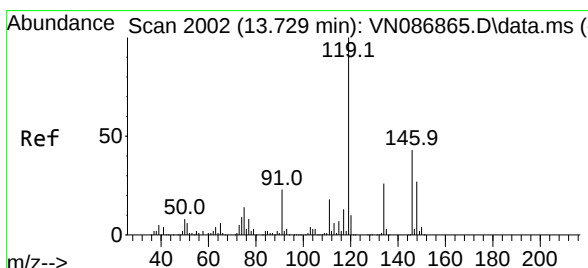
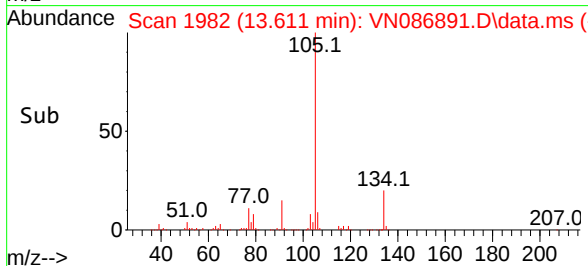
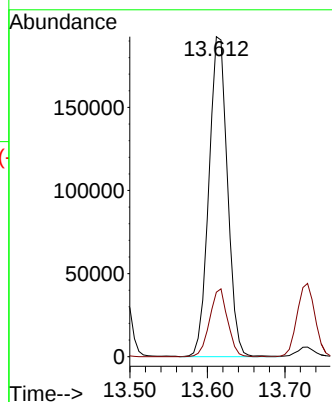
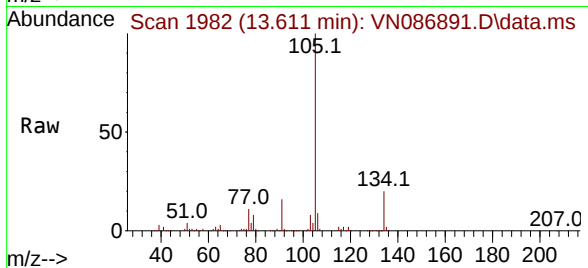
VN0609MBS01

Tgt Ion:105 Resp: 320650

Ion Ratio Lower Upper

105 100

134 20.4 10.0 30.0



#86

p-Isopropyltoluene

Concen: 20.970 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN086891.D

Acq: 09 Jun 2025 09:55

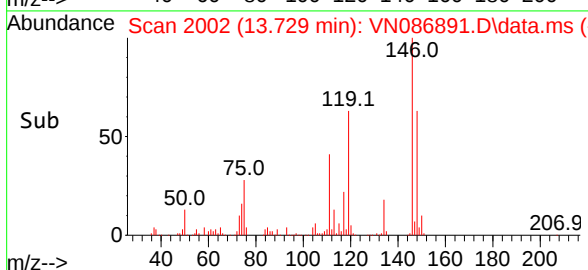
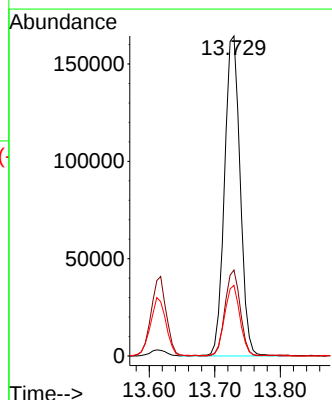
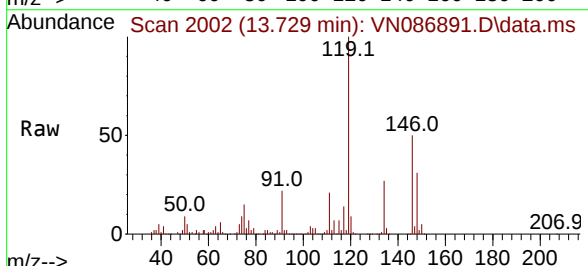
Tgt Ion:119 Resp: 271557

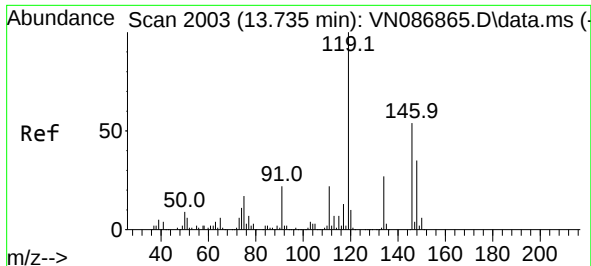
Ion Ratio Lower Upper

119 100

134 26.2 13.5 40.4

91 21.6 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 22.018 ug/l

RT: 13.729 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN086891.D

Acq: 09 Jun 2025 09:55

Instrument :

MSVOA_N

ClientSampleId :

VN0609MBS01

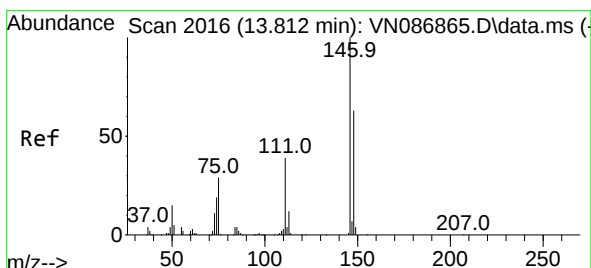
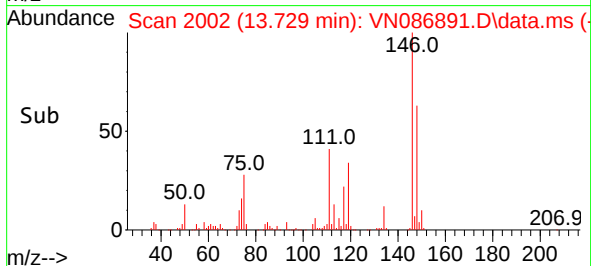
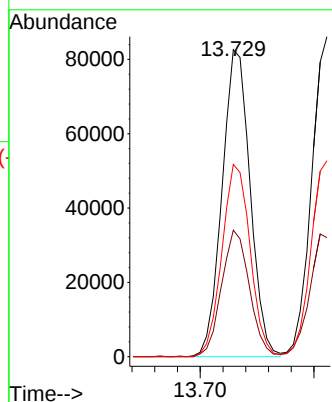
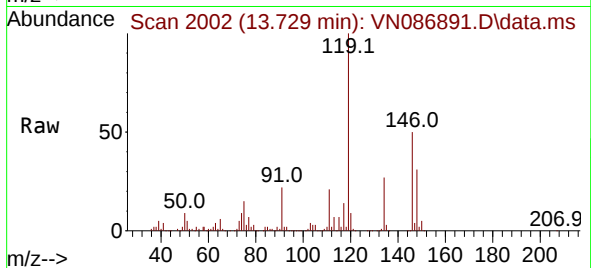
Tgt Ion:146 Resp: 141812

Ion Ratio Lower Upper

146 100

111 41.0 20.9 62.8

148 63.0 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 22.140 ug/l

RT: 13.811 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN086891.D

Acq: 09 Jun 2025 09:55

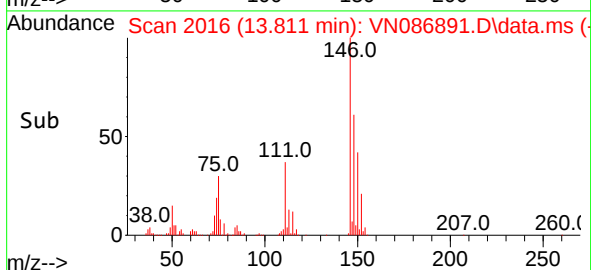
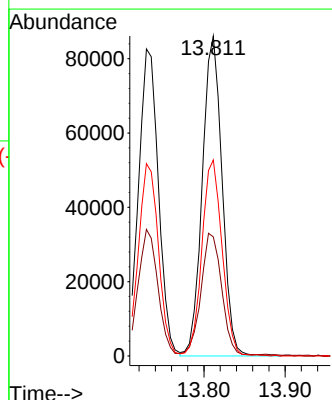
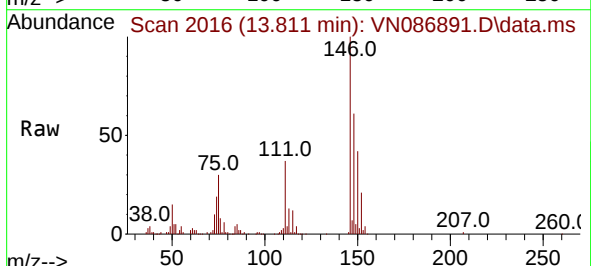
Tgt Ion:146 Resp: 145379

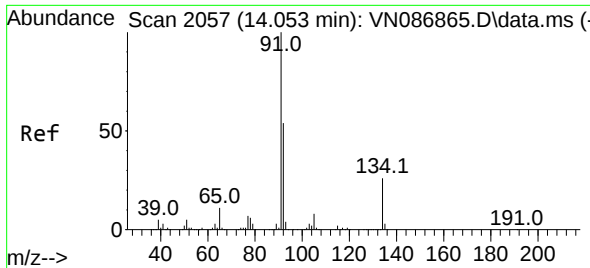
Ion Ratio Lower Upper

146 100

111 39.4 19.9 59.7

148 62.8 31.8 95.4

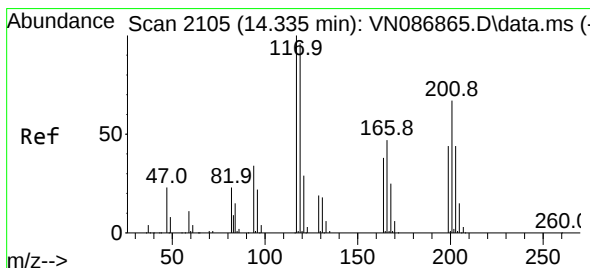
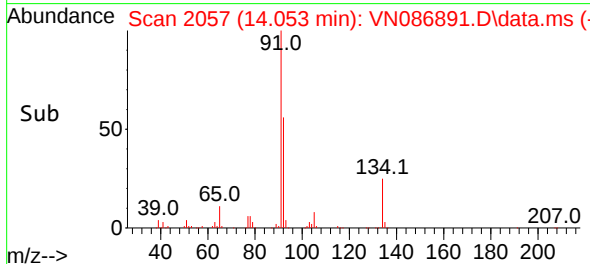
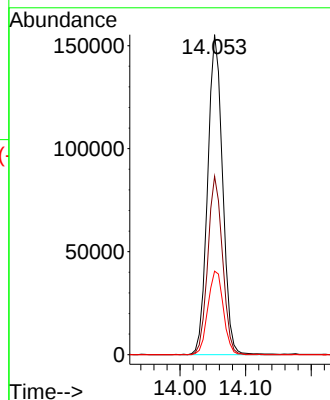
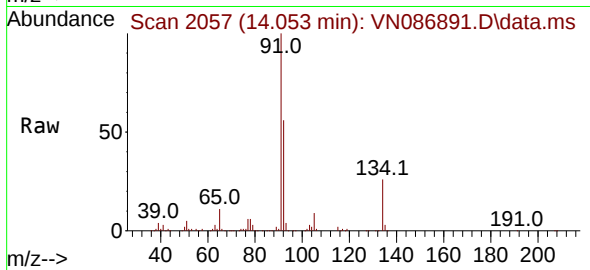




#89
n-Butylbenzene
Concen: 19.655 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

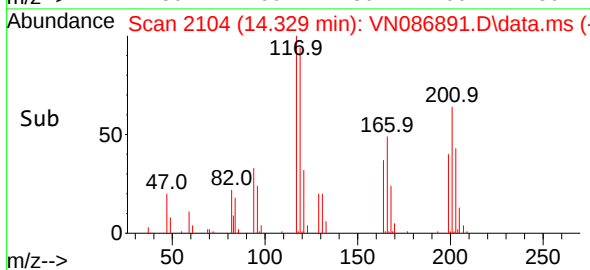
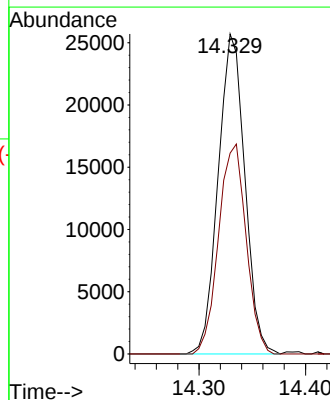
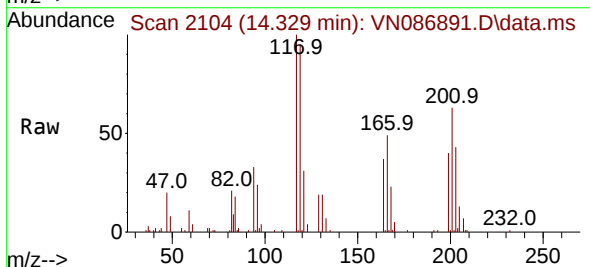
Instrument :
MSVOA_N
ClientSampleId :
VN0609MBS01

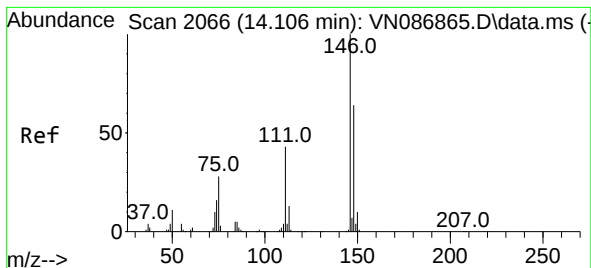
Tgt Ion: 91 Resp: 246544
Ion Ratio Lower Upper
91 100
92 54.8 27.5 82.4
134 27.0 13.0 39.0



#90
Hexachloroethane
Concen: 20.338 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

Tgt Ion: 117 Resp: 44643
Ion Ratio Lower Upper
117 100
201 67.8 33.2 99.6





#91

1,2-Dichlorobenzene

Concen: 21.942 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.000 min

Lab File: VN086891.D

Acq: 09 Jun 2025 09:55

Instrument :

MSVOA_N

ClientSampleId :

VN0609MBS01

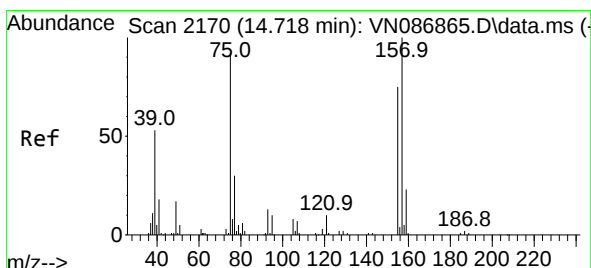
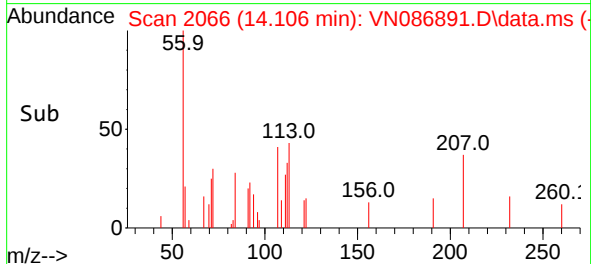
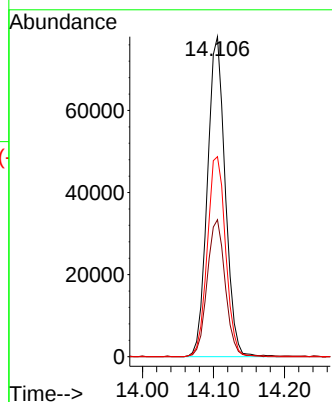
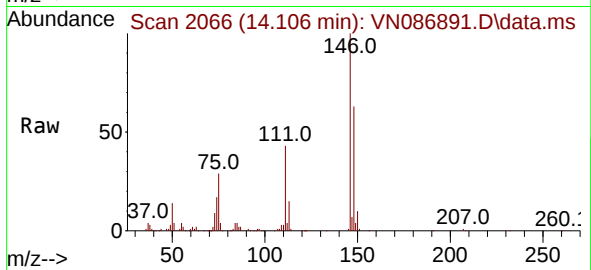
Tgt Ion:146 Resp: 135771

Ion Ratio Lower Upper

146 100

111 43.5 21.6 64.6

148 64.2 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.074 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN086891.D

Acq: 09 Jun 2025 09:55

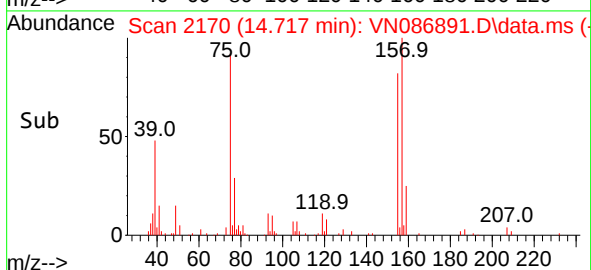
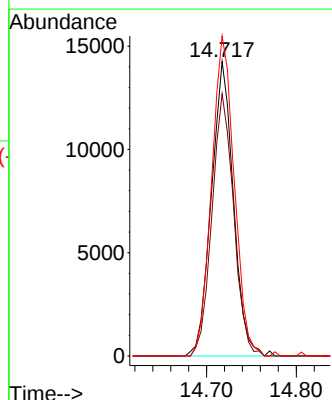
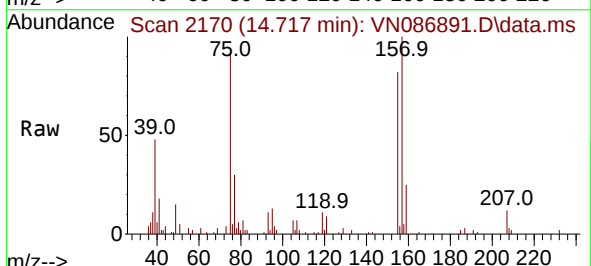
Tgt Ion: 75 Resp: 24372

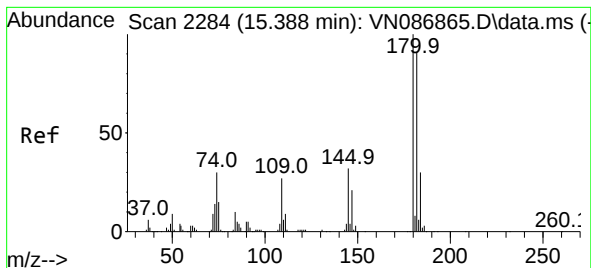
Ion Ratio Lower Upper

75 100

155 87.4 41.1 123.4

157 111.0 52.7 158.1





#93

1,2,4-Trichlorobenzene

Concen: 20.405 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086891.D

Acq: 09 Jun 2025 09:55

Instrument :

MSVOA_N

ClientSampleId :

VN0609MBS01

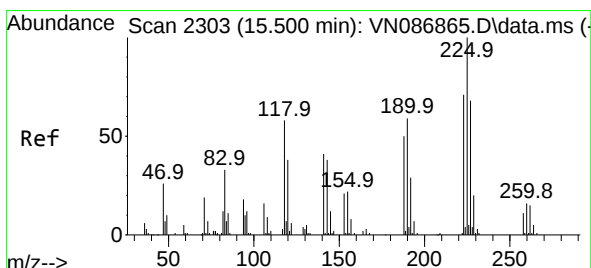
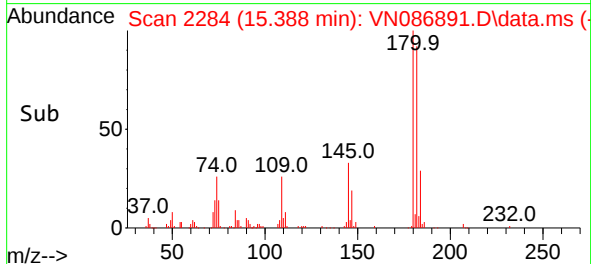
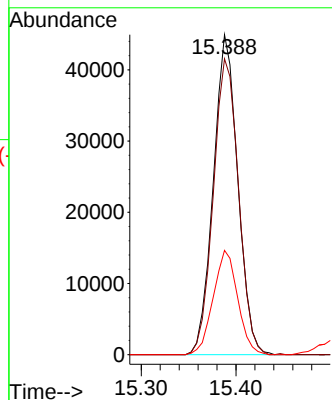
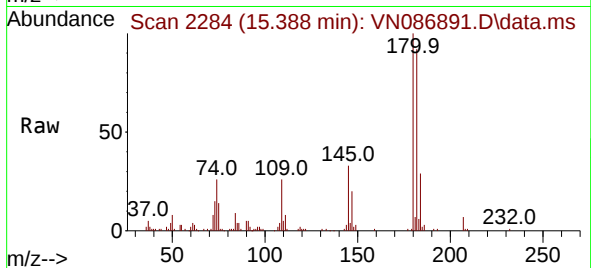
Tgt Ion:180 Resp: 80627

Ion Ratio Lower Upper

180 100

182 95.4 46.9 140.7

145 32.7 16.0 47.9



#94

Hexachlorobutadiene

Concen: 19.282 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN086891.D

Acq: 09 Jun 2025 09:55

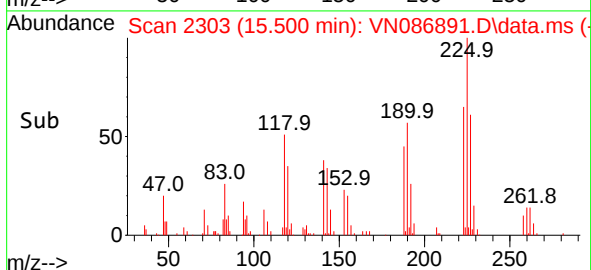
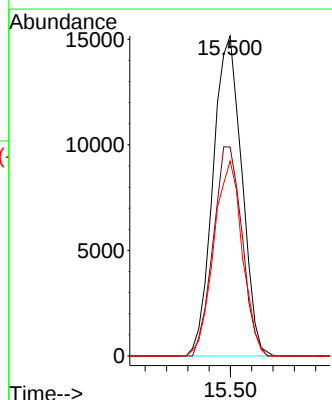
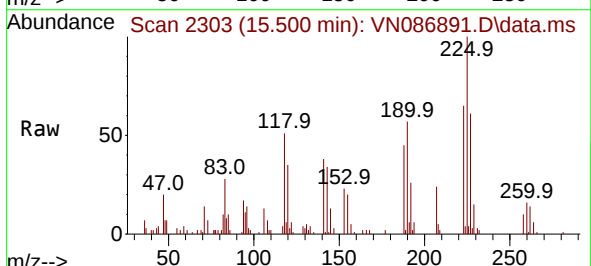
Tgt Ion:225 Resp: 28385

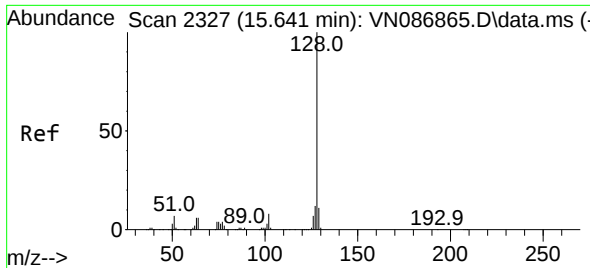
Ion Ratio Lower Upper

225 100

223 65.4 33.5 100.4

227 60.3 31.1 93.5

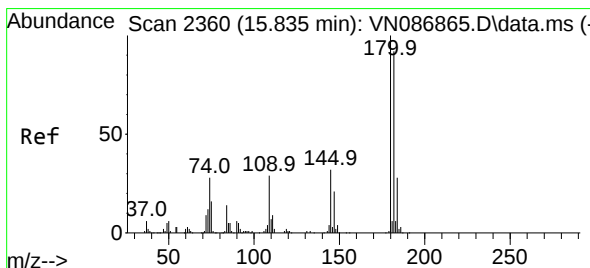
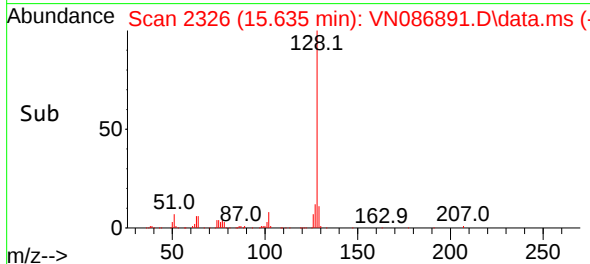
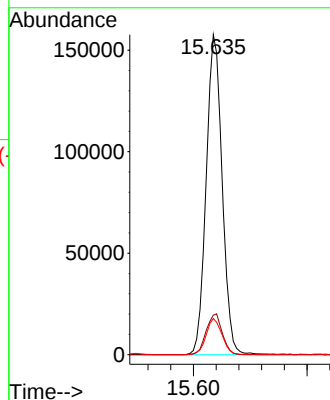
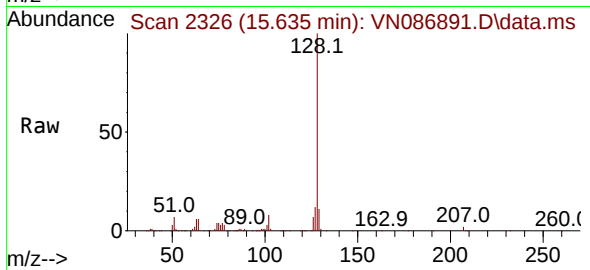




#95
Naphthalene
Concen: 20.885 ug/l
RT: 15.635 min Scan# 2327
Delta R.T. -0.006 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

Instrument :
MSVOA_N
ClientSampleId :
VN0609MBS01

Tgt Ion:128 Resp: 307159
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.265 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086891.D
Acq: 09 Jun 2025 09:55

Tgt Ion:180 Resp: 75629
Ion Ratio Lower Upper
180 100
182 95.2 47.0 141.0
145 34.3 16.6 49.8

