

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060925\
 Data File : VN086902.D
 Acq On : 09 Jun 2025 14:04
 Operator : JC\MD
 Sample : VN0609WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 10 03:32:26 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	8.230	168	261604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	462540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	392287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	182953	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.588	65	155677	44.446	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.900%
35) Dibromofluoromethane	8.177	113	138371	50.480	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.960%
50) Toluene-d8	10.565	98	523398	48.233	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.460%
62) 4-Bromofluorobenzene	12.847	95	192426	47.729	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.460%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.154	85	49965	19.156	ug/l	97
3) Chloromethane	2.401	50	52285	15.523	ug/l	97
4) Vinyl Chloride	2.554	62	63164	18.179	ug/l	98
5) Bromomethane	3.001	94	33037	16.991	ug/l	97
6) Chloroethane	3.159	64	40895	18.222	ug/l	96
7) Trichlorofluoromethane	3.536	101	86708	19.101	ug/l	94
8) Diethyl Ether	3.983	74	39083	19.760	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.406	101	51965	18.220	ug/l	97
10) Methyl Iodide	4.618	142	46201	12.496	ug/l	99
11) Tert butyl alcohol	5.536	59	79160	83.292	ug/l	100
12) 1,1-Dichloroethene	4.365	96	56740	19.487	ug/l	93
13) Acrolein	4.206	56	25830	85.862	ug/l	96
14) Allyl chloride	5.048	41	79237	16.409	ug/l	95
15) Acrylonitrile	5.736	53	194819	87.701	ug/l	100
16) Acetone	4.448	43	142818	76.889	ug/l	98
17) Carbon Disulfide	4.742	76	140783	17.480	ug/l	98
18) Methyl Acetate	5.048	43	91360	16.878	ug/l	96
19) Methyl tert-butyl Ether	5.818	73	202158	19.175	ug/l	99
20) Methylene Chloride	5.300	84	62323	17.922	ug/l	94
21) trans-1,2-Dichloroethene	5.806	96	60645	18.720	ug/l	92
22) Diisopropyl ether	6.683	45	179323	17.617	ug/l	94
23) Vinyl Acetate	6.618	43	758661	88.215	ug/l	97
24) 1,1-Dichloroethane	6.583	63	107933	18.425	ug/l	98
25) 2-Butanone	7.494	43	248457	82.292	ug/l	95
26) 2,2-Dichloropropane	7.500	77	85897	18.851	ug/l	96
27) cis-1,2-Dichloroethene	7.500	96	73368	18.937	ug/l	96
28) Bromochloromethane	7.824	49	47379	16.450	ug/l	87
29) Tetrahydrofuran	7.853	42	163380	83.068	ug/l	93
30) Chloroform	7.977	83	107556	18.386	ug/l	99
31) Cyclohexane	8.271	56	90403	15.914	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	92483	18.588	ug/l	93
36) 1,1-Dichloropropene	8.377	75	78110	19.123	ug/l	99
37) Ethyl Acetate	7.571	43	93294	17.942	ug/l	98
38) Carbon Tetrachloride	8.371	117	77600	19.351	ug/l	99
39) Methylcyclohexane	9.606	83	91033	16.268	ug/l	96
40) Benzene	8.612	78	254036	19.020	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	52205	17.877	ug/l	95
42) 1,2-Dichloroethane	8.677	62	75987	18.757	ug/l	98
43) Isopropyl Acetate	8.694	43	146007	17.495	ug/l	95
44) Trichloroethene	9.359	130	64635	20.408	ug/l	96
45) 1,2-Dichloropropane	9.624	63	60591	18.646	ug/l	100
46) Dibromomethane	9.712	93	43406	20.111	ug/l	96
47) Bromodichloromethane	9.894	83	85075	19.158	ug/l	100
48) Methyl methacrylate	9.682	41	66751	17.378	ug/l	96
49) 1,4-Dioxane	9.700	88	25844	369.843	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	448816	89.334	ug/l	96
52) Toluene	10.630	92	161571	19.794	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	98270	19.790	ug/l	95
54) cis-1,3-Dichloropropene	10.318	75	104098	19.593	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	61721	19.651	ug/l	97
56) Ethyl methacrylate	10.882	69	100979	20.185	ug/l	93
57) 1,3-Dichloropropane	11.165	76	105036	19.278	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	239383	80.228	ug/l	96
59) 2-Hexanone	11.206	43	279871	86.483	ug/l	91
60) Dibromochloromethane	11.359	129	66878	20.437	ug/l	99
61) 1,2-Dibromoethane	11.471	107	64475	20.028	ug/l	99
64) Tetrachloroethene	11.106	164	47676	19.204	ug/l	96
65) Chlorobenzene	11.894	112	175411	20.274	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	58317	20.968	ug/l	97
67) Ethyl Benzene	11.965	91	290096	19.466	ug/l	99
68) m/p-Xylenes	12.071	106	226281	39.665	ug/l	98
69) o-Xylene	12.394	106	109915	20.117	ug/l	97
70) Styrene	12.412	104	187888	20.096	ug/l	99
71) Bromoform	12.576	173	44372	21.533	ug/l #	100
73) Isopropylbenzene	12.694	105	266966	20.030	ug/l	99
74) N-amyl acetate	12.524	43	86229	18.514	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.935	83	96951	21.472	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	130104	29.917	ug/l	66
77) Bromobenzene	12.982	156	67800	22.181	ug/l	93
78) n-propylbenzene	13.035	91	314811	19.436	ug/l	99
79) 2-Chlorotoluene	13.123	91	189034	19.460	ug/l	96
80) 1,3,5-Trimethylbenzene	13.171	105	220034	19.996	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	41191	21.803	ug/l	92
82) 4-Chlorotoluene	13.218	91	196983	20.042	ug/l	99
83) tert-Butylbenzene	13.435	119	192556	19.116	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	220449	19.978	ug/l	99
85) sec-Butylbenzene	13.612	105	274677	18.777	ug/l	98
86) p-Isopropyltoluene	13.729	119	231742	19.165	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	124137	20.642	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	126650	20.656	ug/l	100
89) n-Butylbenzene	14.053	91	207489	17.715	ug/l	98
90) Hexachloroethane	14.329	117	39127	19.090	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	121942	21.105	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	21661	20.059	ug/l	92
93) 1,2,4-Trichlorobenzene	15.388	180	70202	19.028	ug/l	100
94) Hexachlorobutadiene	15.500	225	24178	17.589	ug/l	96
95) Naphthalene	15.635	128	379545	27.638	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	65394	17.840	ug/l	99

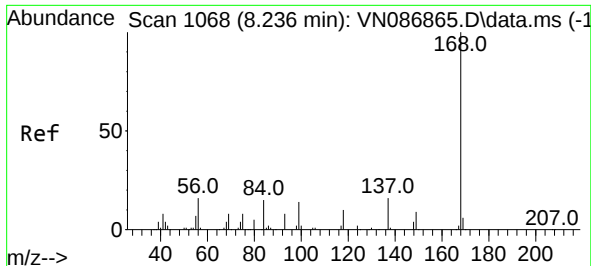
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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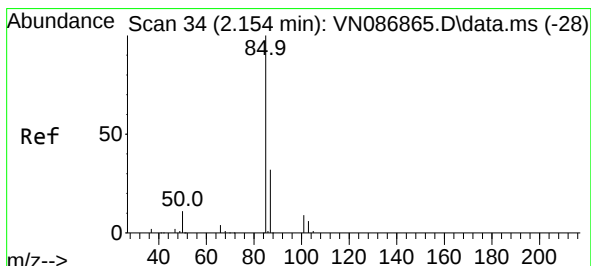
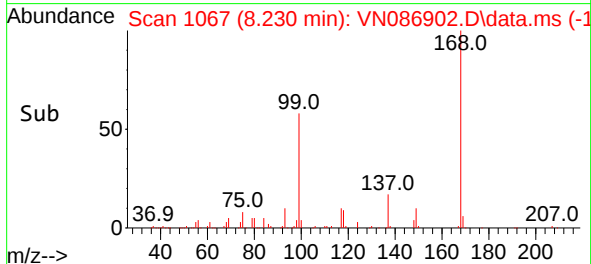
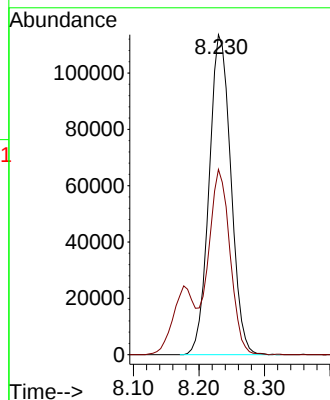
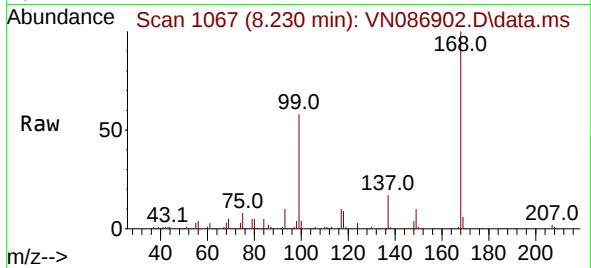
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

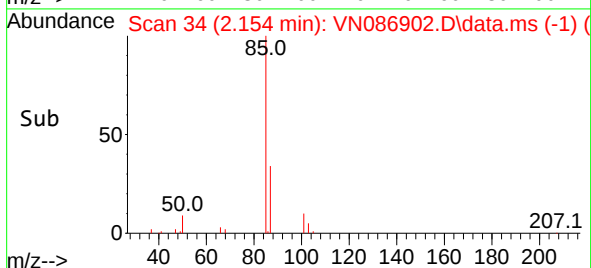
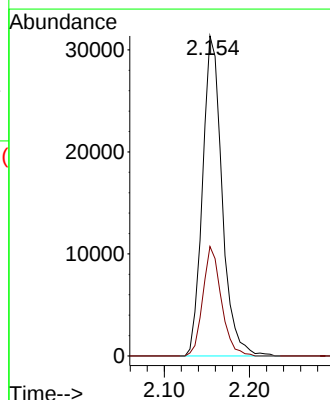
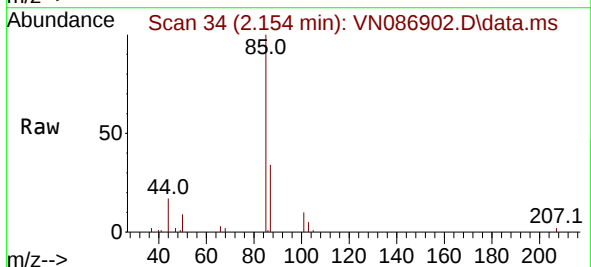
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 261604
Ion Ratio Lower Upper
168 100
99 57.8 49.1 73.7



#2
Dichlorodifluoromethane
Concen: 19.156 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

Tgt Ion: 85 Resp: 49965
Ion Ratio Lower Upper
85 100
87 34.2 16.2 48.6

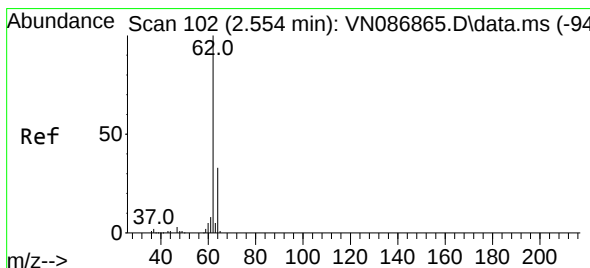
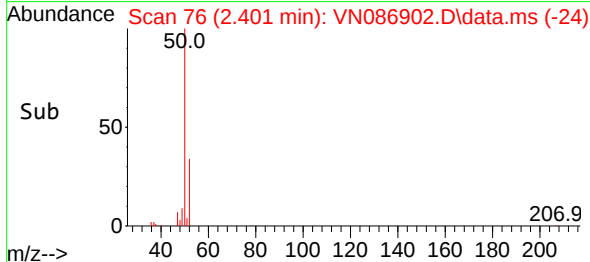
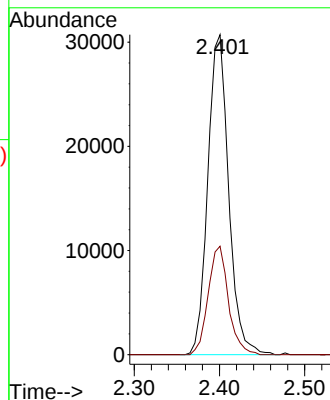
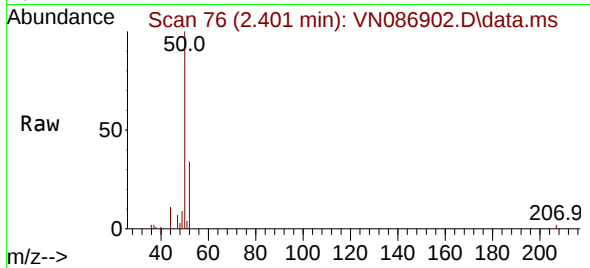




#3
Chloromethane
Concen: 15.523 ug/l
RT: 2.401 min Scan# 75
Delta R.T. 0.006 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

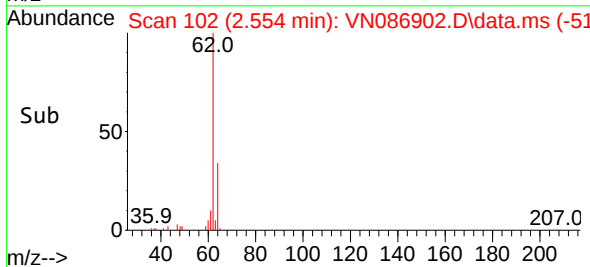
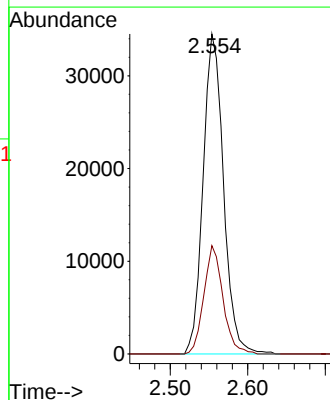
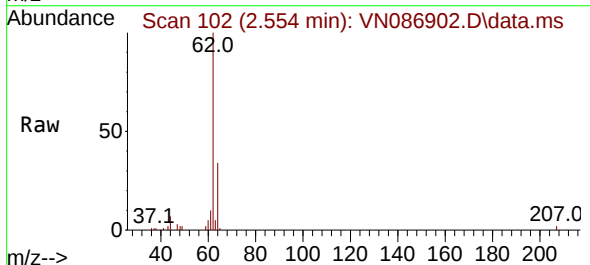
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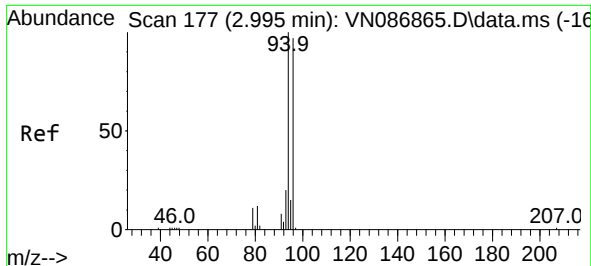
Tgt Ion: 50 Resp: 52285
Ion Ratio Lower Upper
50 100
52 33.9 25.7 38.5



#4
Vinyl Chloride
Concen: 18.179 ug/l
RT: 2.554 min Scan# 102
Delta R.T. -0.000 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

Tgt Ion: 62 Resp: 63164
Ion Ratio Lower Upper
62 100
64 33.8 26.0 39.0

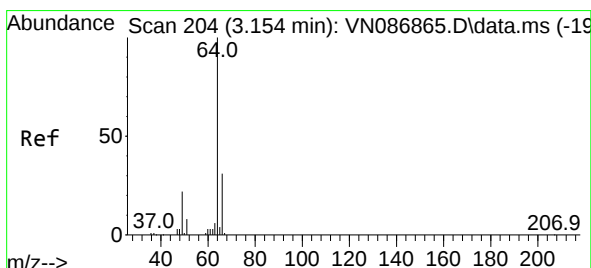
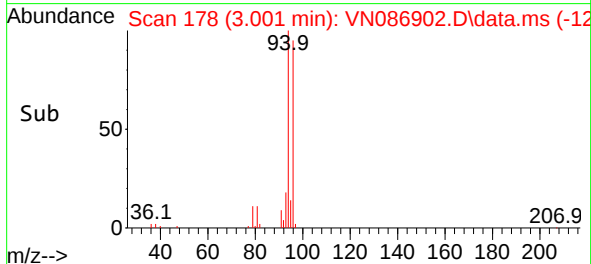
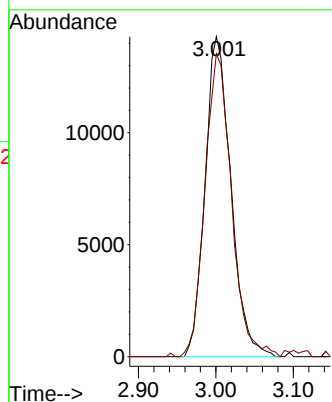
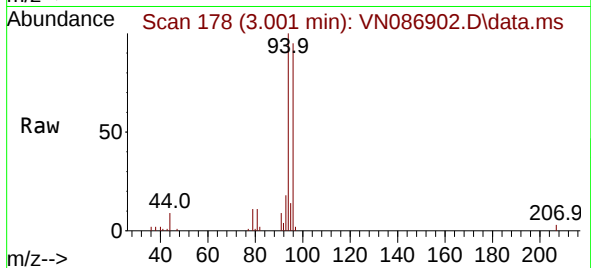




#5
Bromomethane
Concen: 16.991 ug/l
RT: 3.001 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

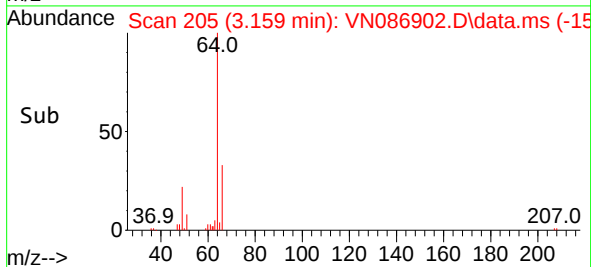
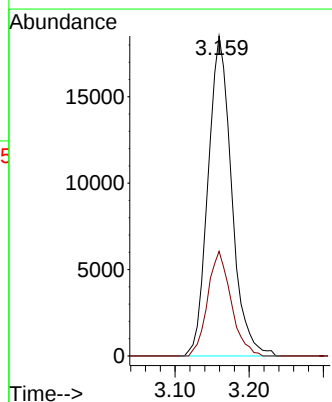
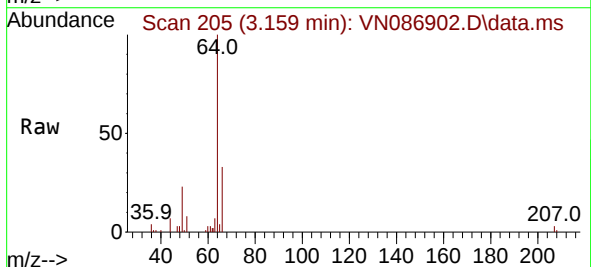
Instrument :
MSVOA_N
ClientSampleId :

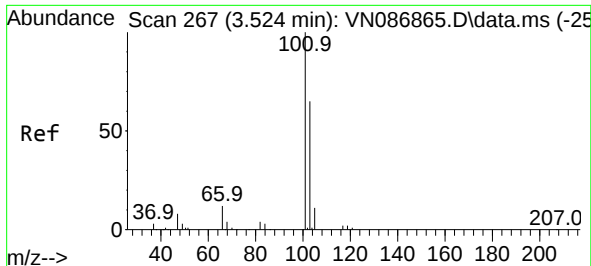
Tgt Ion: 94 Resp: 33037
Ion Ratio Lower Upper
94 100
96 94.7 77.9 116.9



#6
Chloroethane
Concen: 18.222 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

Tgt Ion: 64 Resp: 40895
Ion Ratio Lower Upper
64 100
66 32.7 24.6 36.8

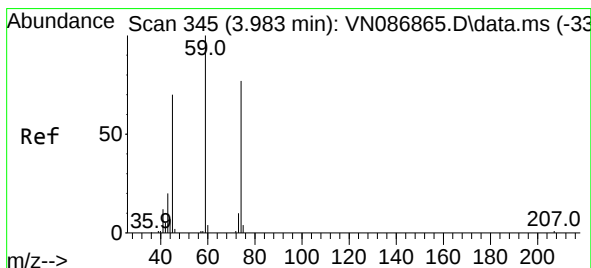
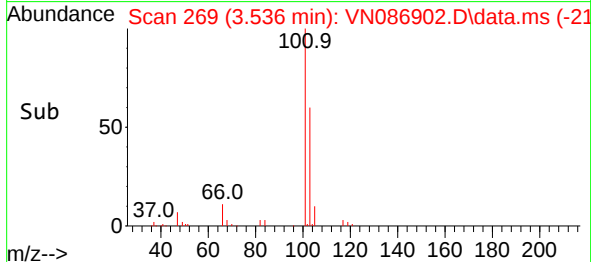
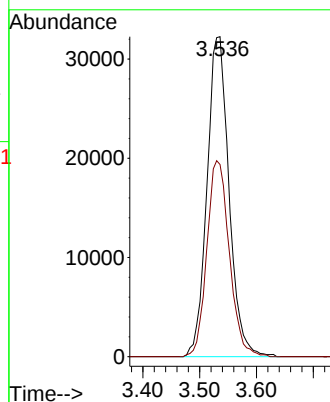
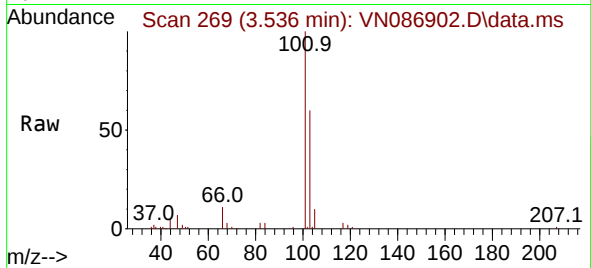




#7
 Trichlorofluoromethane
 Concen: 19.101 ug/l
 RT: 3.536 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: VN086902.D
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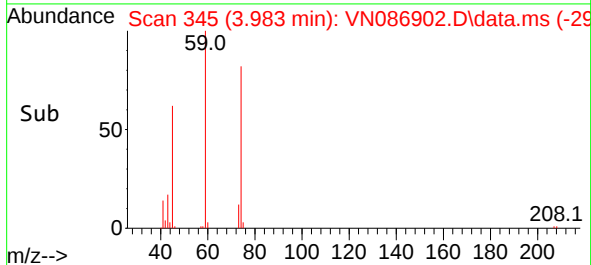
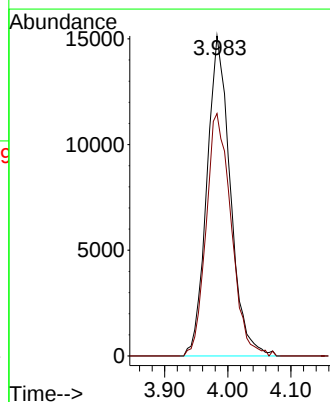
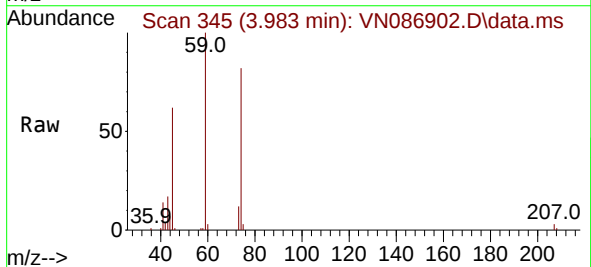
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:101 Resp: 86708
 Ion Ratio Lower Upper
 101 100
 103 60.1 52.2 78.2



#8
 Diethyl Ether
 Concen: 19.760 ug/l
 RT: 3.983 min Scan# 345
 Delta R.T. -0.000 min
 Lab File: VN086902.D
 Acq: 09 Jun 2025 14:04

Tgt Ion: 74 Resp: 39083
 Ion Ratio Lower Upper
 74 100
 45 81.0 45.5 136.5

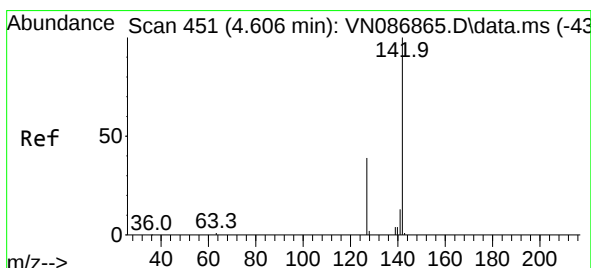
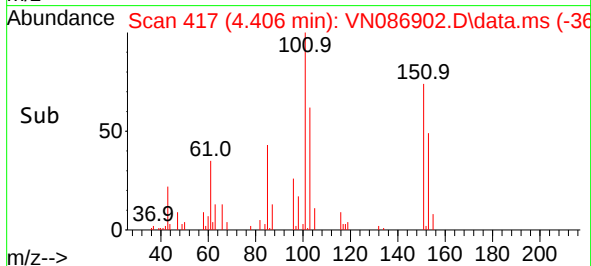
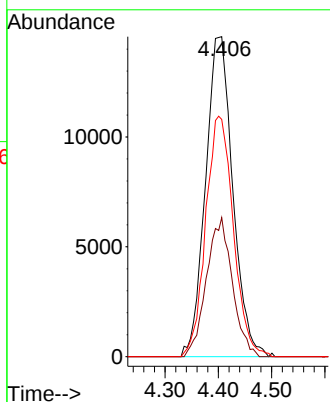
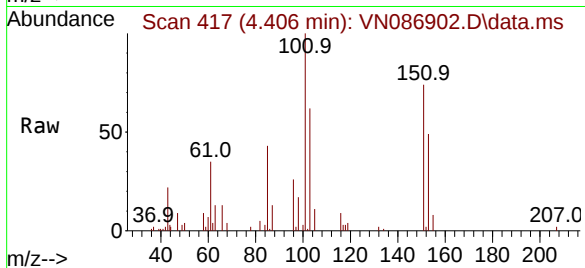




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.220 ug/l
RT: 4.406 min Scan# 415
Delta R.T. 0.012 min
Lab File: VN086902.D
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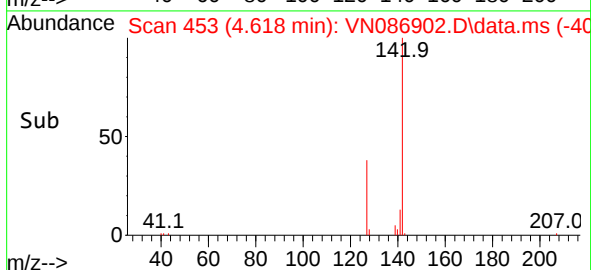
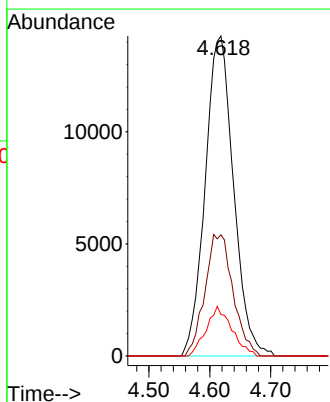
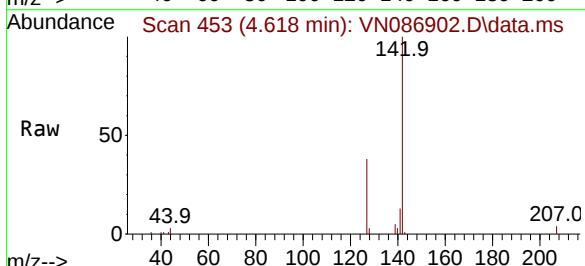
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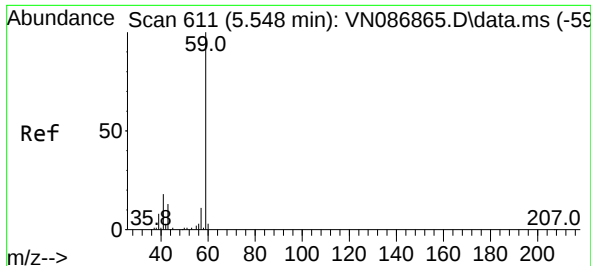
Tgt Ion:101 Resp: 51965
Ion Ratio Lower Upper
101 100
85 41.1 33.8 50.8
151 76.0 58.7 88.1



#10
Methyl Iodide
Concen: 12.496 ug/l
RT: 4.618 min Scan# 453
Delta R.T. 0.012 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

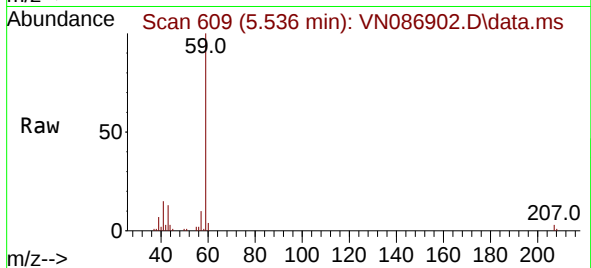
Tgt Ion:142 Resp: 46201
Ion Ratio Lower Upper
142 100
127 37.9 30.9 46.3
141 12.9 10.4 15.6



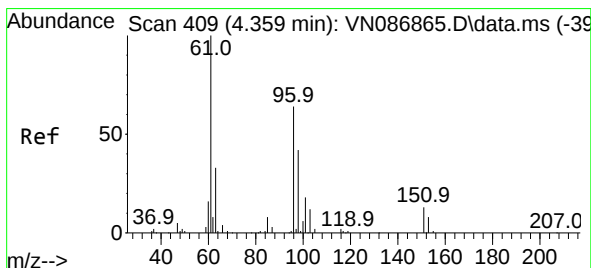
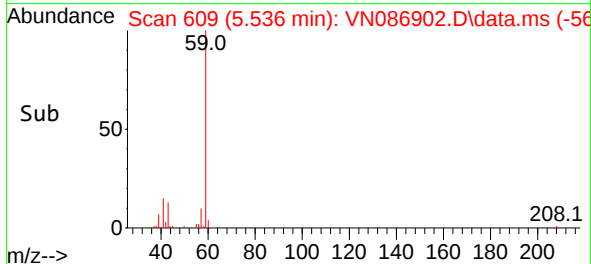
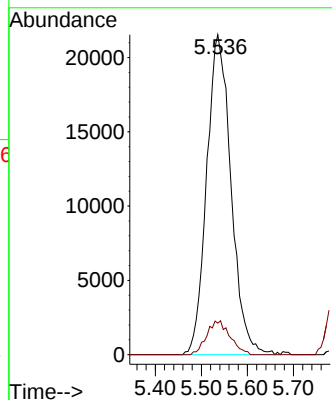


#11
Tert butyl alcohol
Concen: 83.292 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

Instrument :
MSVOA_N
ClientSampleId :

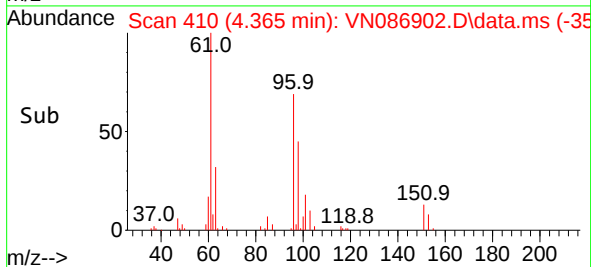
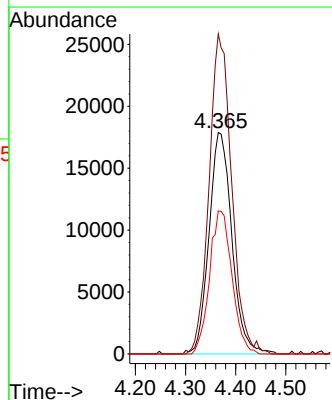
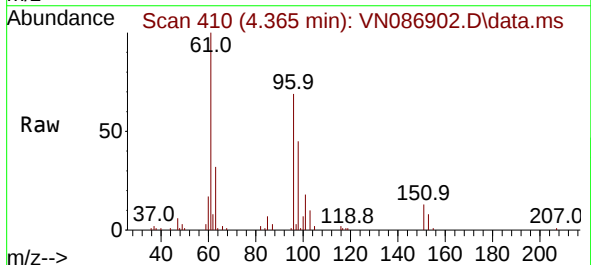


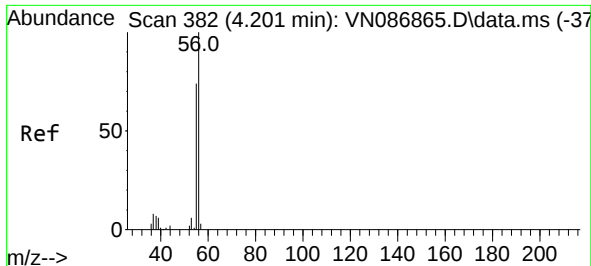
Tgt Ion: 59 Resp: 79160
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1



#12
1,1-Dichloroethene
Concen: 19.487 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

Tgt Ion: 96 Resp: 56740
Ion Ratio Lower Upper
96 100
61 144.5 125.8 188.6
98 64.6 52.5 78.7





#13

Acrolein

Concen: 85.862 ug/l

RT: 4.206 min Scan# 382

Delta R.T. 0.006 min

Lab File: VN086902.D

Acq: 09 Jun 2025 14:04

Instrument :

MSVOA_N

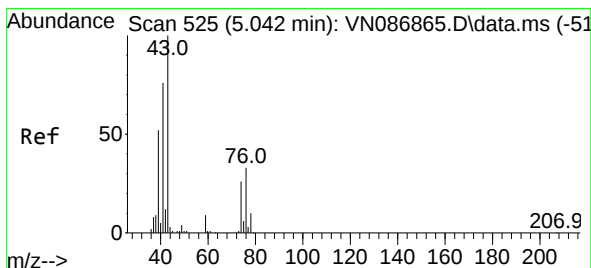
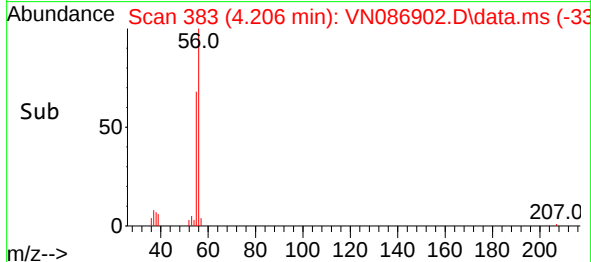
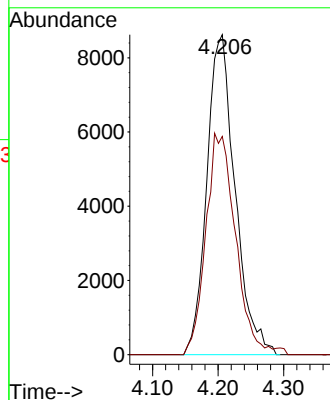
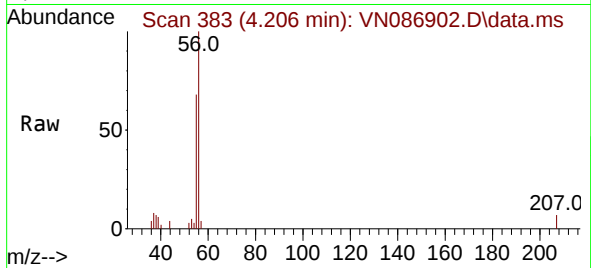
ClientSampleId :

Tgt Ion: 56 Resp: 25830

Ion Ratio Lower Upper

56 100

55 73.0 55.6 83.4



#14

Allyl chloride

Concen: 16.409 ug/l

RT: 5.048 min Scan# 526

Delta R.T. 0.006 min

Lab File: VN086902.D

Acq: 09 Jun 2025 14:04

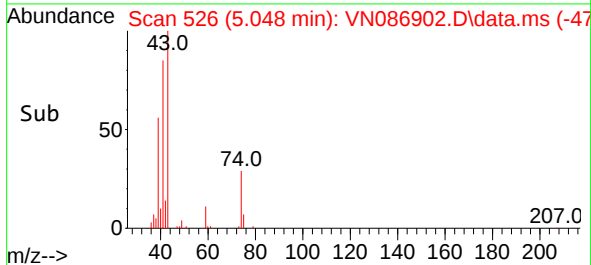
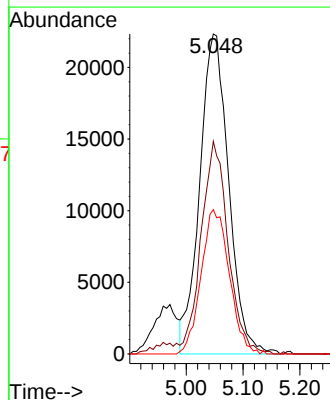
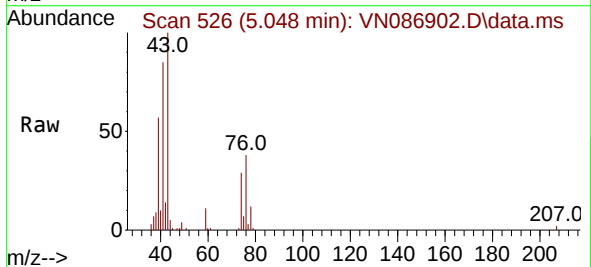
Tgt Ion: 41 Resp: 79237

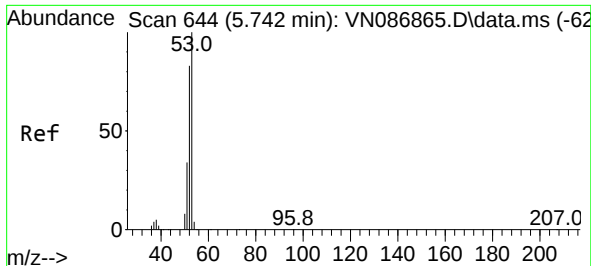
Ion Ratio Lower Upper

41 100

39 61.6 51.3 76.9

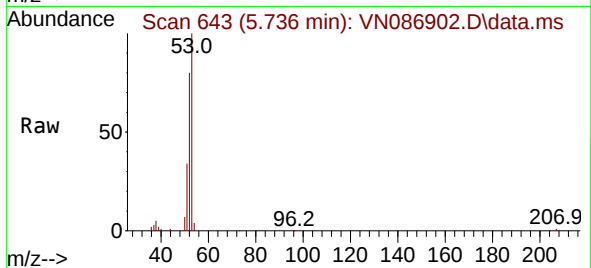
76 43.9 31.4 47.0





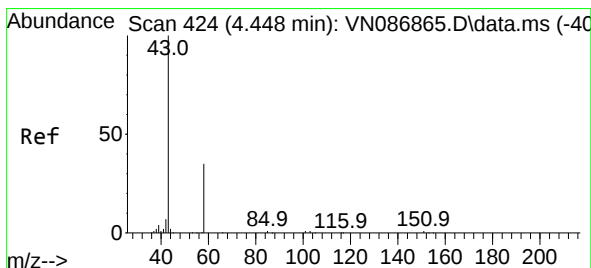
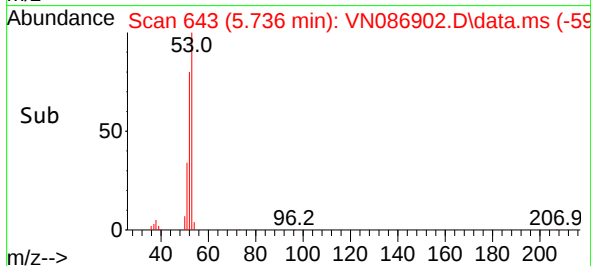
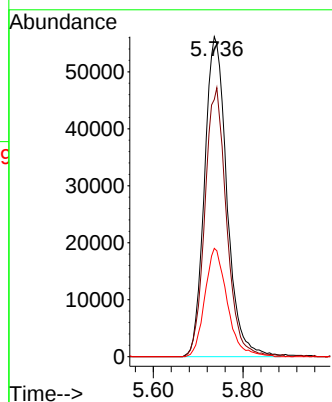
#15
Acrylonitrile
Concen: 87.701 ug/l
RT: 5.736 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 53 Resp: 194819

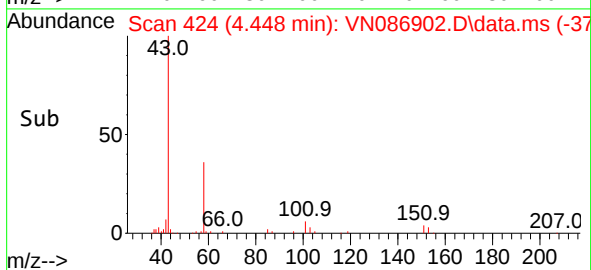
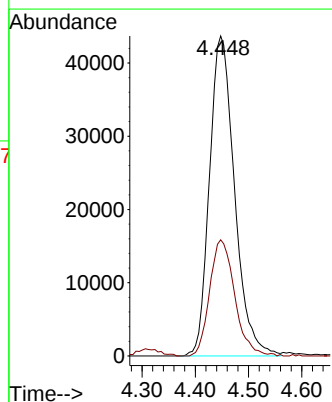
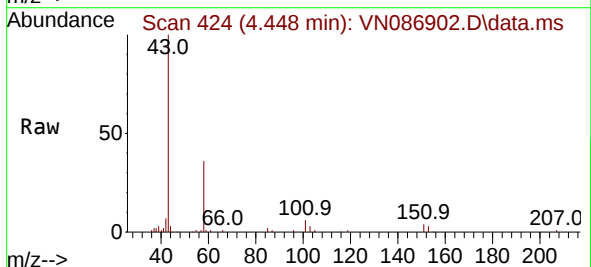
Ion	Ratio	Lower	Upper
53	100		
52	81.2	65.0	97.6
51	33.8	27.2	40.8



#16
Acetone
Concen: 76.889 ug/l
RT: 4.448 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

Tgt Ion: 43 Resp: 142818

Ion	Ratio	Lower	Upper
43	100		
58	36.3	28.0	42.0

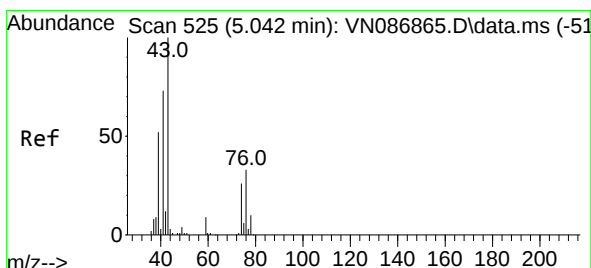
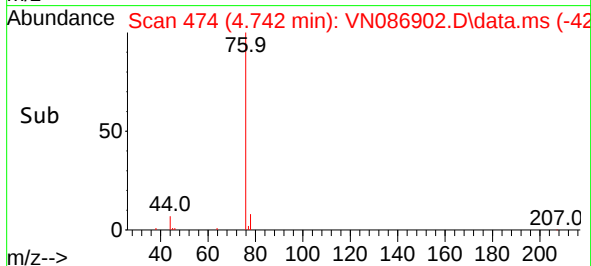
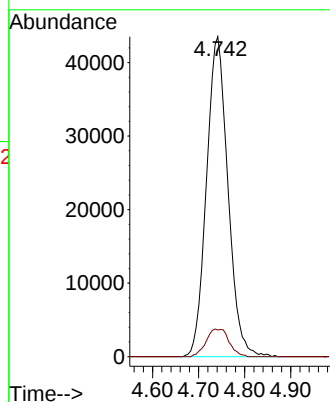
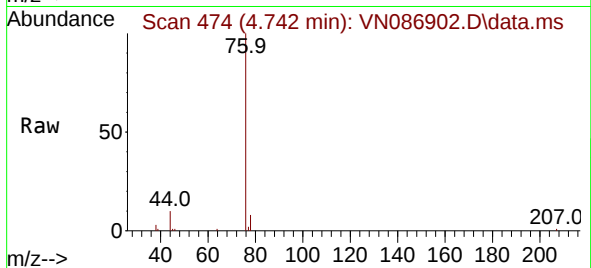




#17
Carbon Disulfide
Concen: 17.480 ug/l
RT: 4.742 min Scan# 473
Delta R.T. 0.012 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

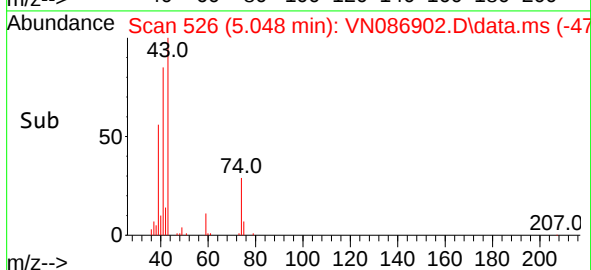
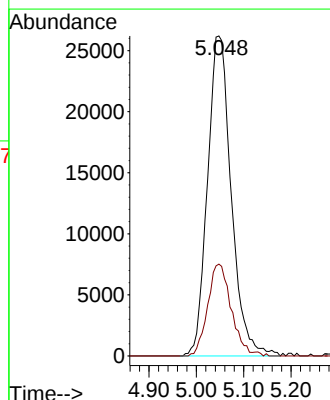
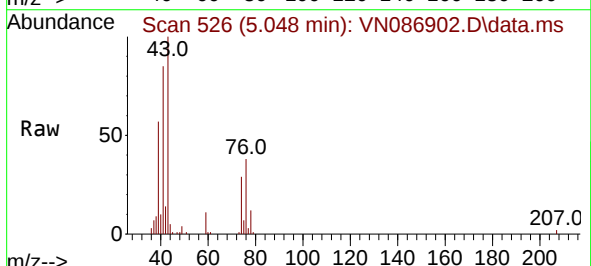
Instrument :
MSVOA_N
ClientSampleId :

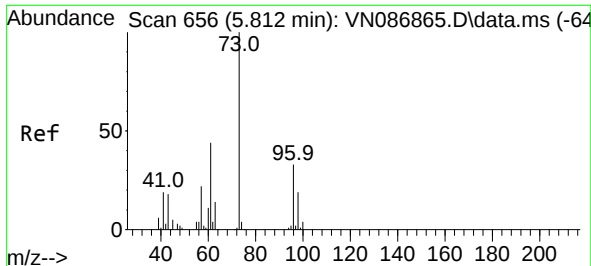
Tgt Ion: 76 Resp: 140783
Ion Ratio Lower Upper
76 100
78 8.3 7.3 10.9



#18
Methyl Acetate
Concen: 16.878 ug/l
RT: 5.048 min Scan# 526
Delta R.T. 0.006 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

Tgt Ion: 43 Resp: 91360
Ion Ratio Lower Upper
43 100
74 28.2 20.7 31.1

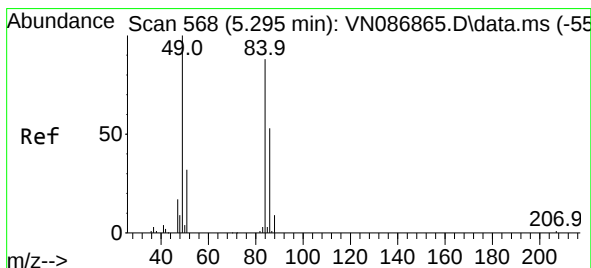
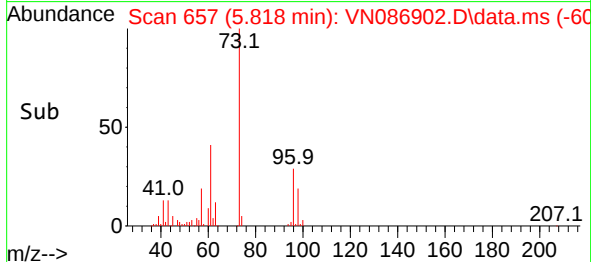
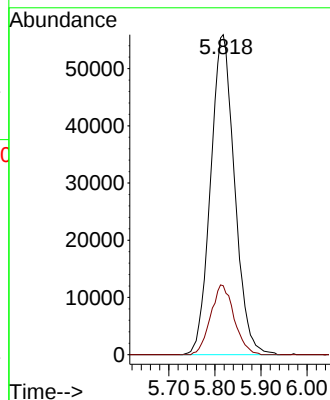
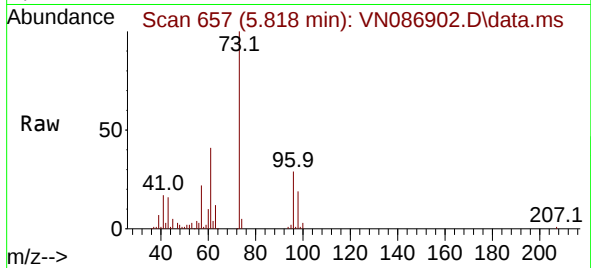




#19
Methyl tert-butyl Ether
Concen: 19.175 ug/l
RT: 5.818 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

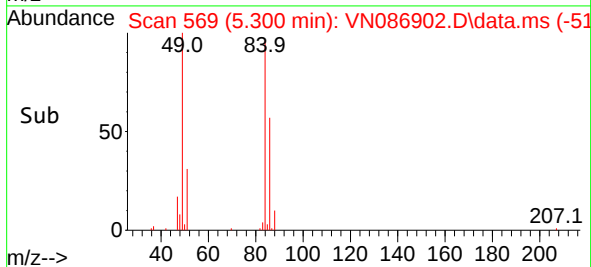
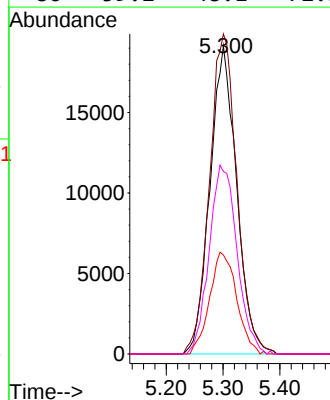
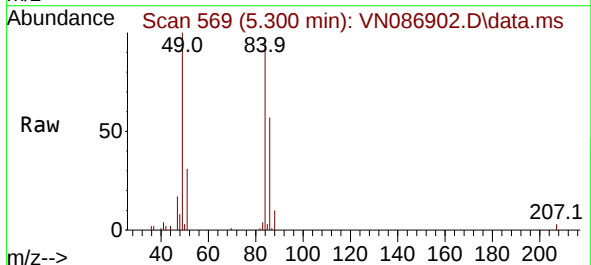
Instrument :
MSVOA_N
ClientSampleId :

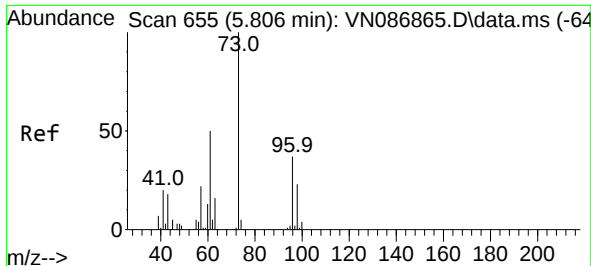
Tgt Ion: 73 Resp: 202158
Ion Ratio Lower Upper
73 100
57 21.5 17.4 26.2



#20
Methylene Chloride
Concen: 17.922 ug/l
RT: 5.300 min Scan# 569
Delta R.T. 0.006 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

Tgt Ion: 84 Resp: 62323
Ion Ratio Lower Upper
84 100
49 103.8 90.5 135.7
51 32.2 28.5 42.7
86 59.2 48.1 72.1

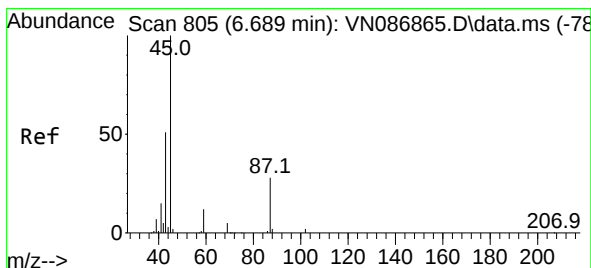
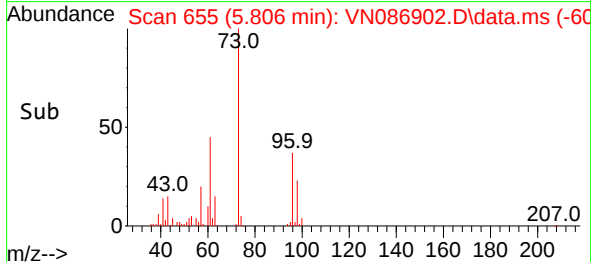
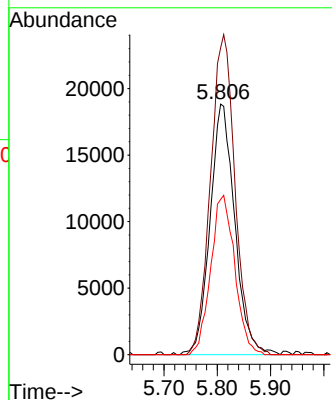
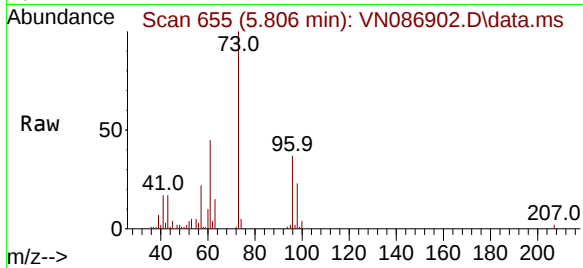




#21
trans-1,2-Dichloroethene
Concen: 18.720 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

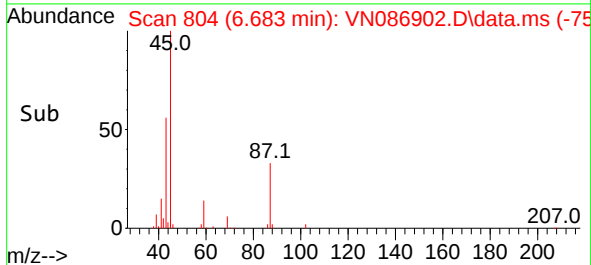
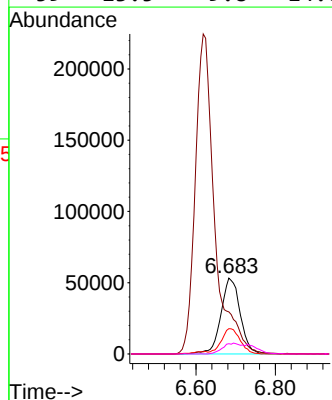
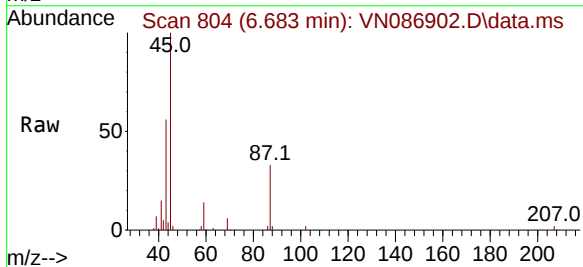
Instrument :
MSVOA_N
ClientSampleId :

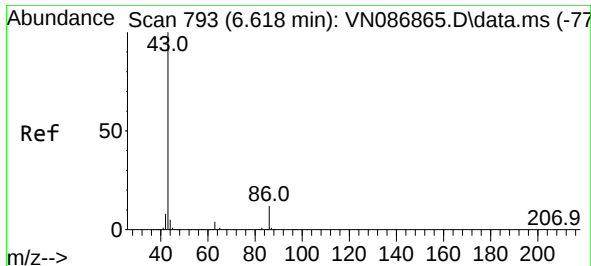
Tgt Ion: 96 Resp: 60645
Ion Ratio Lower Upper
96 100
61 122.6 109.2 163.8
98 62.0 49.8 74.8



#22
Diisopropyl ether
Concen: 17.617 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

Tgt Ion: 45 Resp: 179323
Ion Ratio Lower Upper
45 100
43 55.1 41.9 62.9
87 33.3 22.4 33.6
59 13.5 9.8 14.6

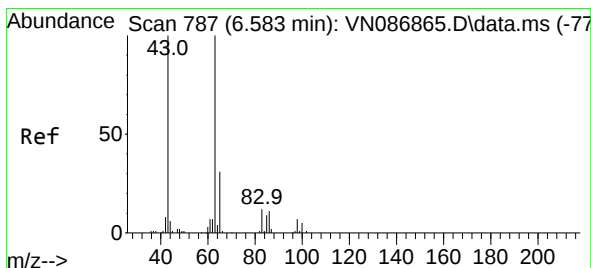
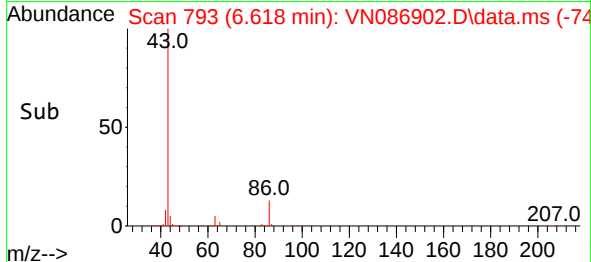
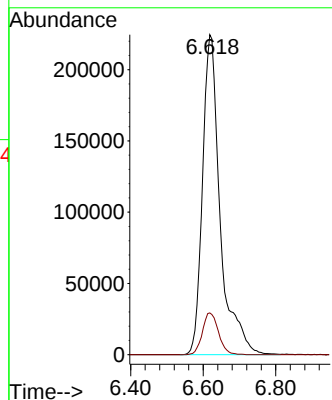
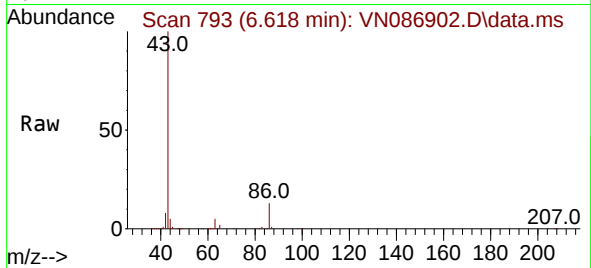




#23
 Vinyl Acetate
 Concen: 88.215 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN086902.D
 Acq: 09 Jun 2025 14:04

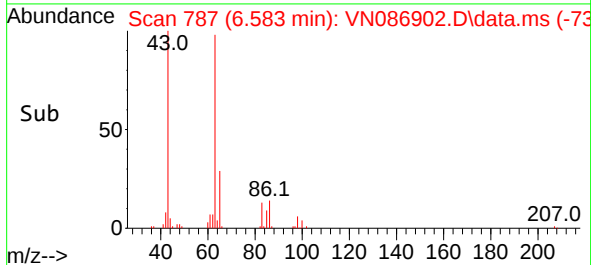
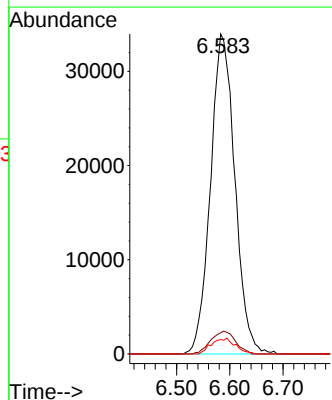
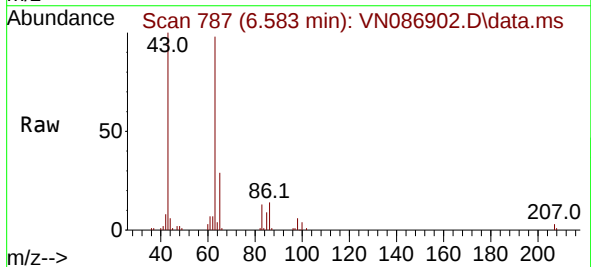
Instrument :
 MSVOA_N
 ClientSampleId :

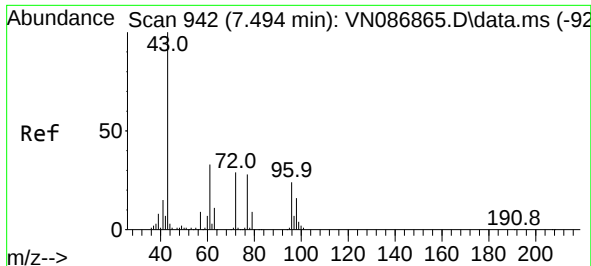
Tgt Ion: 43 Resp: 758661
 Ion Ratio Lower Upper
 43 100
 86 13.1 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 18.425 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. -0.000 min
 Lab File: VN086902.D
 Acq: 09 Jun 2025 14:04

Tgt Ion: 63 Resp: 107933
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.8
 100 4.5 2.6 7.8

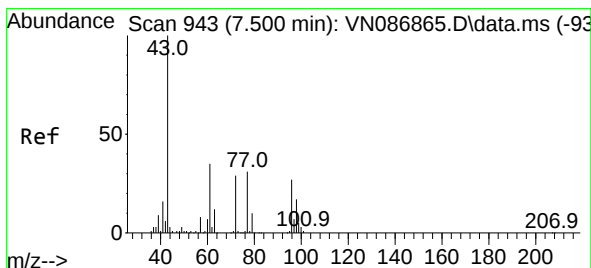
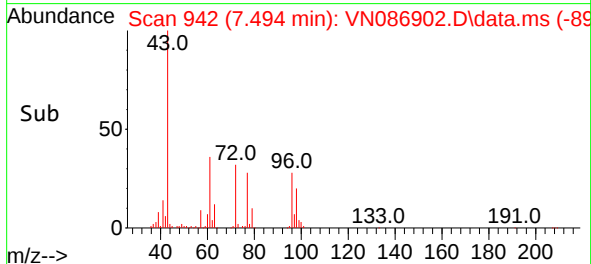
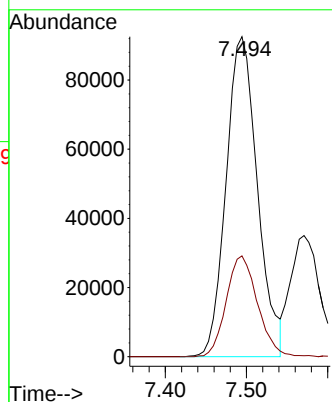
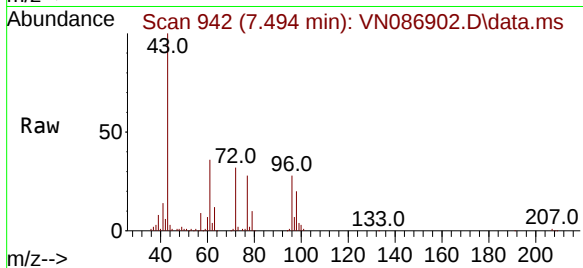




#25
2-Butanone
Concen: 82.292 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

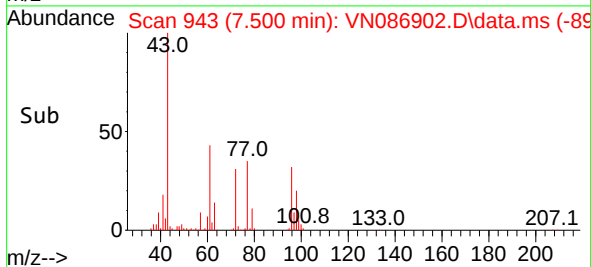
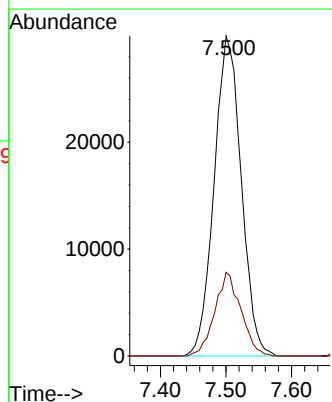
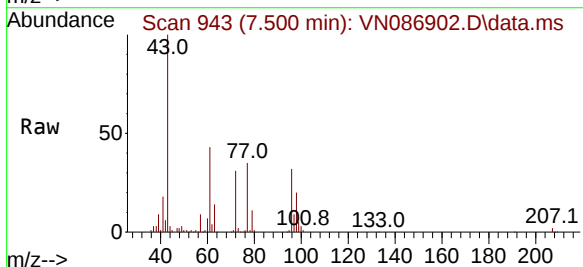
Instrument :
MSVOA_N
ClientSampleId :

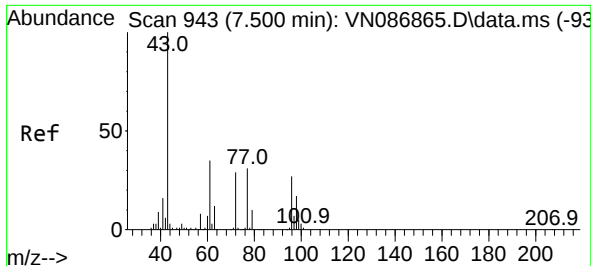
Tgt Ion: 43 Resp: 248457
Ion Ratio Lower Upper
43 100
72 31.5 23.0 34.6



#26
2,2-Dichloropropane
Concen: 18.851 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

Tgt Ion: 77 Resp: 85897
Ion Ratio Lower Upper
77 100
97 25.1 11.6 34.7

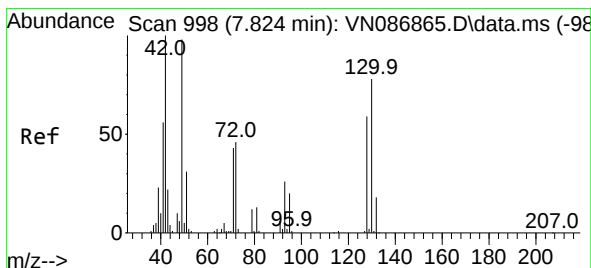
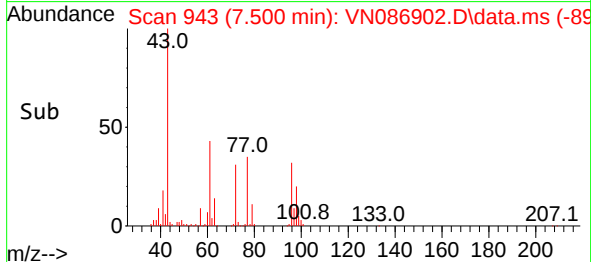
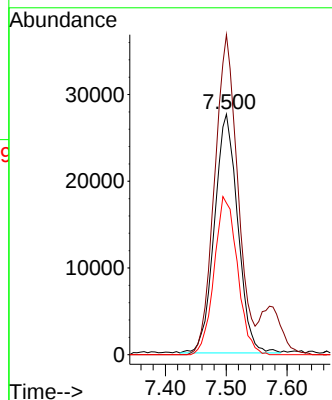
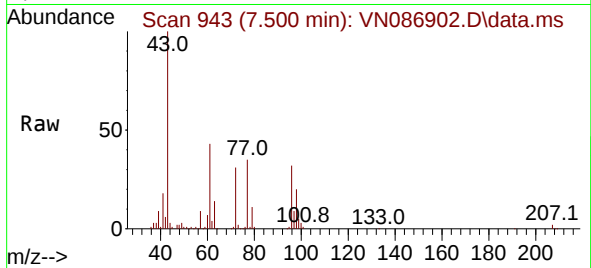




#27
 cis-1,2-Dichloroethene
 Concen: 18.937 ug/l
 RT: 7.500 min Scan# 943
 Delta R.T. -0.000 min
 Lab File: VN086902.D
 Acq: 09 Jun 2025 14:04

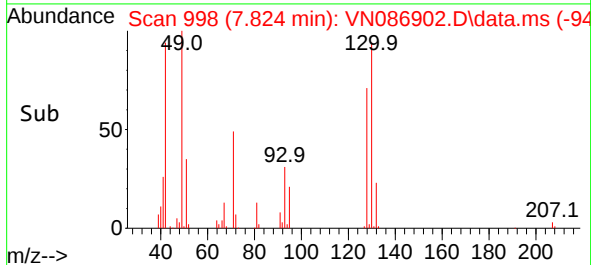
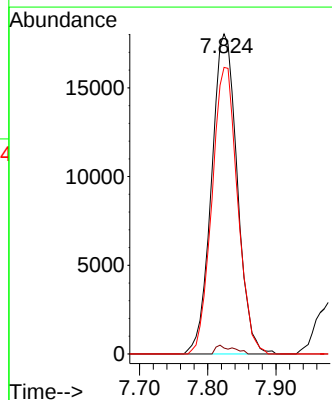
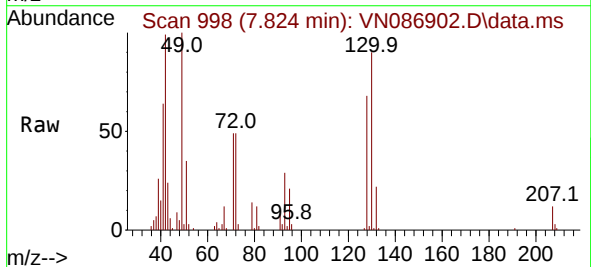
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 96 Resp: 73368
 Ion Ratio Lower Upper
 96 100
 61 132.6 0.0 278.0
 98 65.9 0.0 128.2



#28
 Bromochloromethane
 Concen: 16.450 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. -0.000 min
 Lab File: VN086902.D
 Acq: 09 Jun 2025 14:04

Tgt Ion: 49 Resp: 47379
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 89.1 62.2 93.2





#29

Tetrahydrofuran

Concen: 83.068 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. -0.000 min

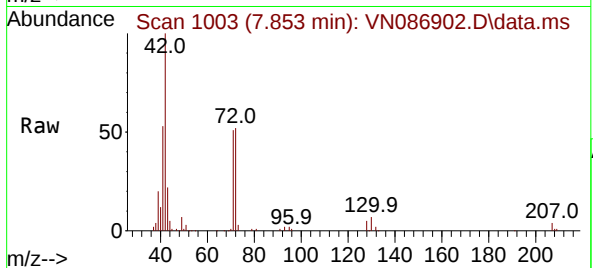
Lab File: VN086902.D

Acq: 09 Jun 2025 14:04

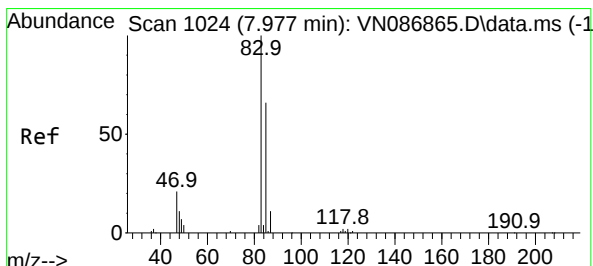
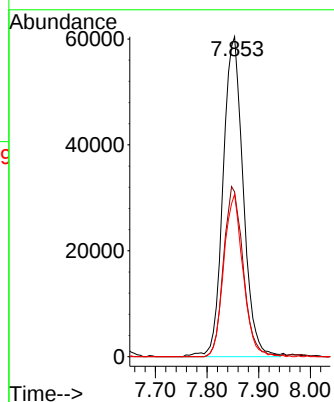
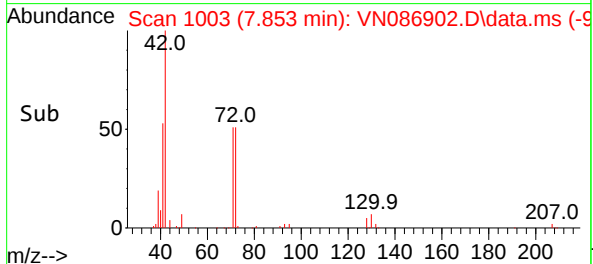
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	163380
Ion	Ratio	Lower	Upper
42	100		
72	51.9	37.8	56.6
71	48.8	35.6	53.4



#30

Chloroform

Concen: 18.386 ug/l

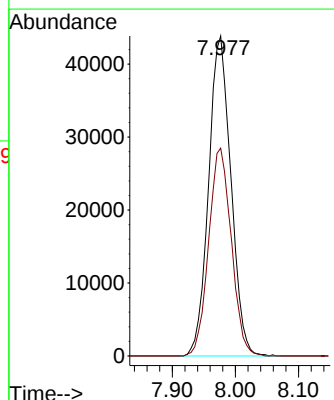
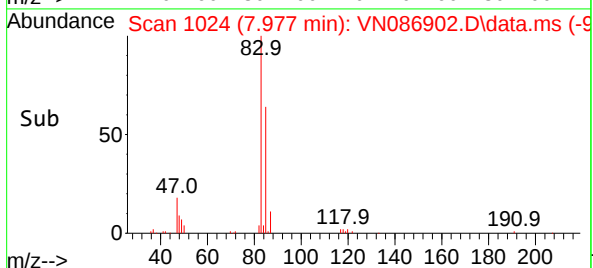
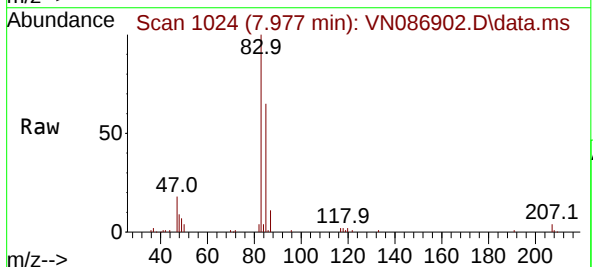
RT: 7.977 min Scan# 1024

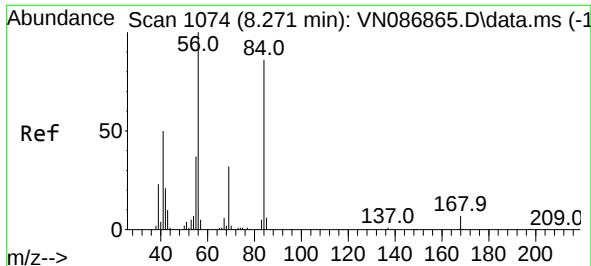
Delta R.T. -0.000 min

Lab File: VN086902.D

Acq: 09 Jun 2025 14:04

Tgt Ion:	83	Resp:	107556
Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.9	79.3

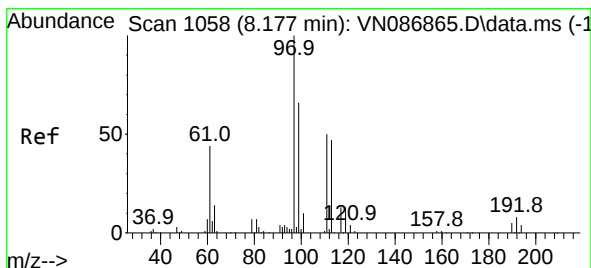
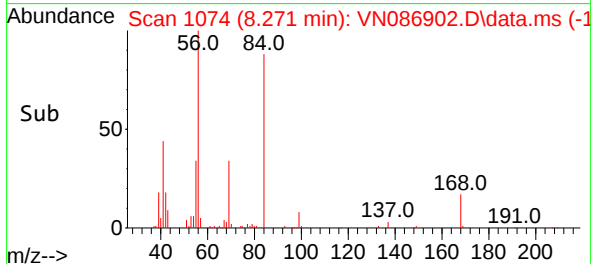
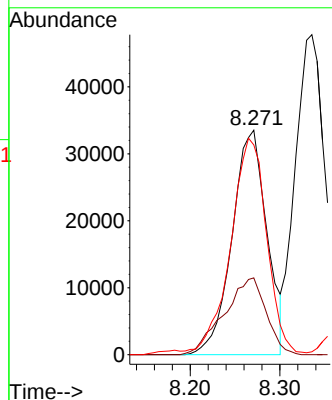
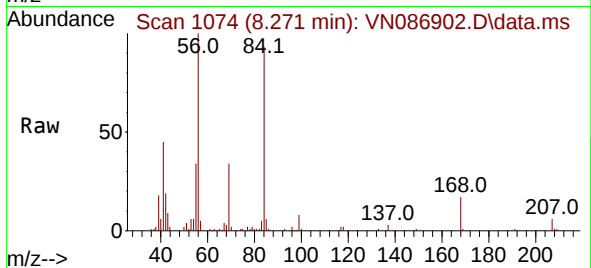




#31
Cyclohexane
Concen: 15.914 ug/l
RT: 8.271 min Scan# 1074
Delta R.T. -0.000 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

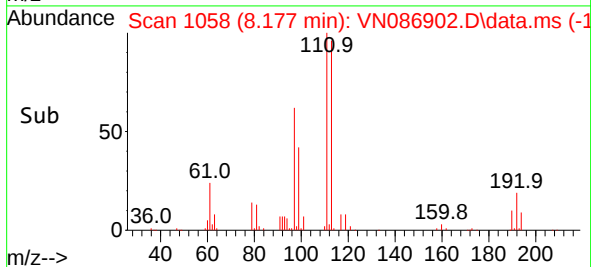
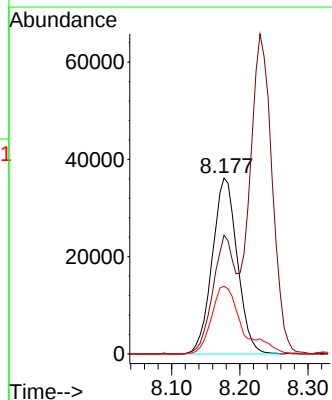
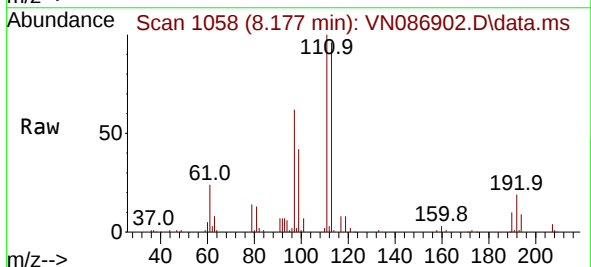
Instrument :
MSVOA_N
ClientSampleId :

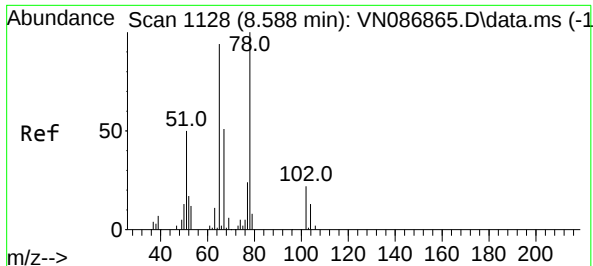
Tgt Ion: 56 Resp: 90403
Ion Ratio Lower Upper
56 100
69 34.2 25.4 38.0
84 91.9 68.8 103.2



#32
1,1,1-Trichloroethane
Concen: 18.588 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

Tgt Ion: 97 Resp: 92483
Ion Ratio Lower Upper
97 100
99 57.5 52.0 78.0
61 46.6 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 44.446 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN086902.D

Acq: 09 Jun 2025 14:04

Instrument :

MSVOA_N

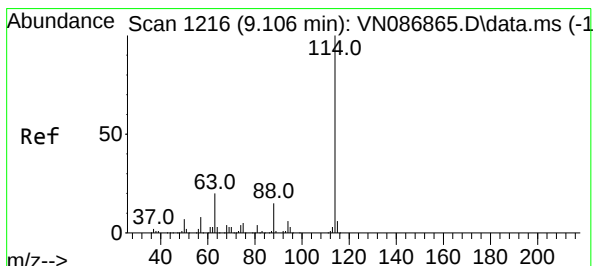
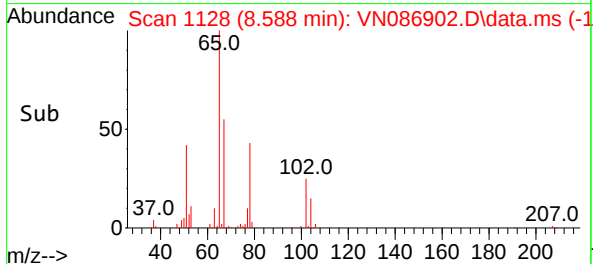
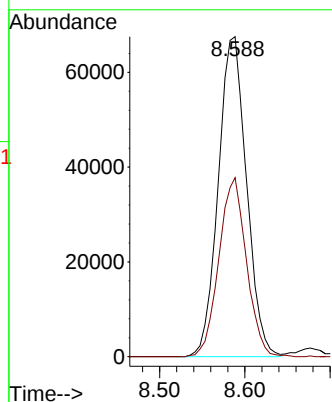
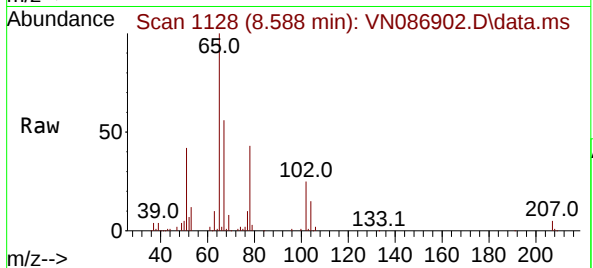
ClientSampleId :

Tgt Ion: 65 Resp: 155677

Ion Ratio Lower Upper

65 100

67 54.5 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: VN086902.D

Acq: 09 Jun 2025 14:04

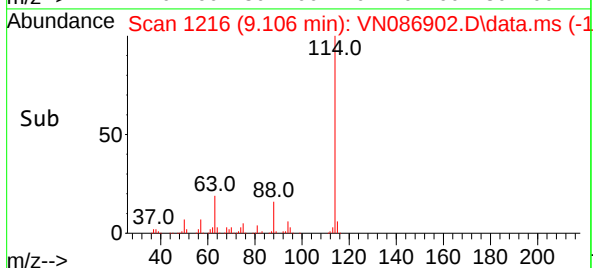
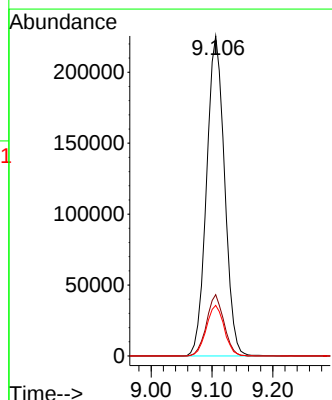
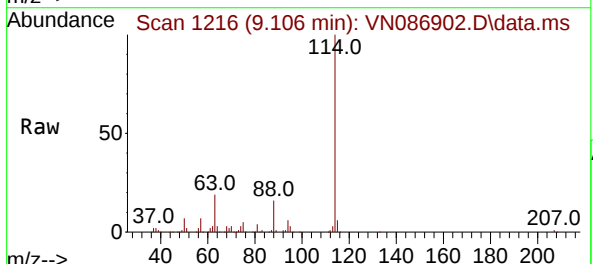
Tgt Ion: 114 Resp: 462540

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.6

88 15.8 0.0 30.2





#35

Dibromofluoromethane

Concen: 50.480 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN086902.D

Acq: 09 Jun 2025 14:04

Instrument :

MSVOA_N

ClientSampleId :

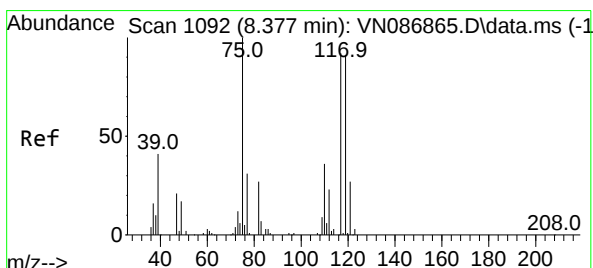
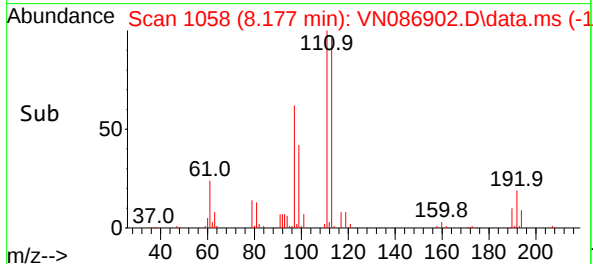
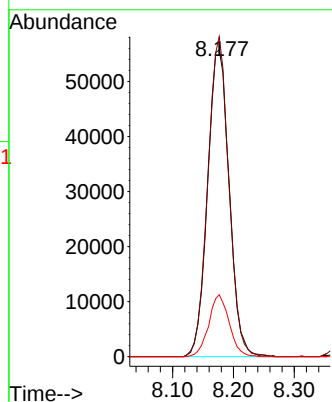
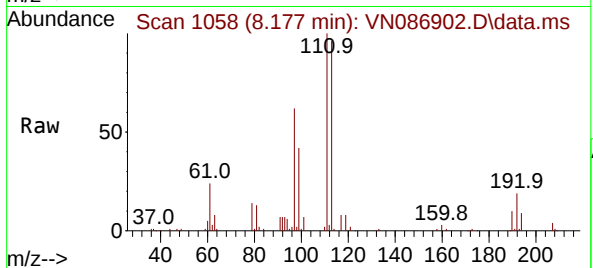
Tgt Ion:113 Resp: 138371

Ion Ratio Lower Upper

113 100

111 101.0 84.2 126.2

192 19.0 14.2 21.4



#36

1,1-Dichloropropene

Concen: 19.123 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VN086902.D

Acq: 09 Jun 2025 14:04

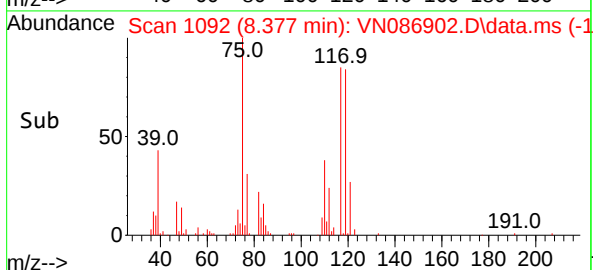
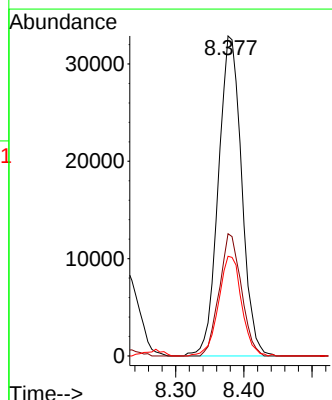
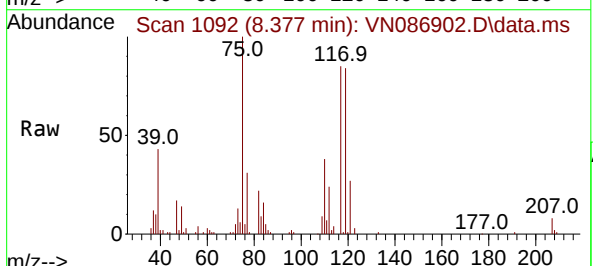
Tgt Ion: 75 Resp: 78110

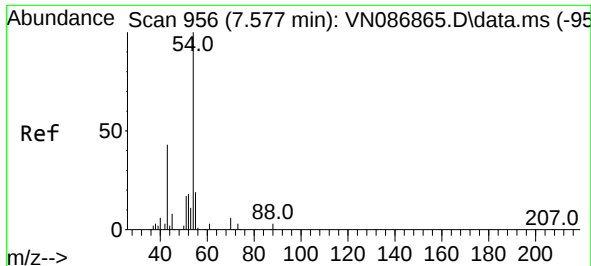
Ion Ratio Lower Upper

75 100

110 36.2 17.6 52.9

77 31.0 25.3 37.9

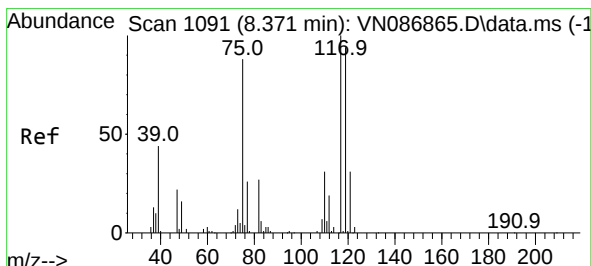
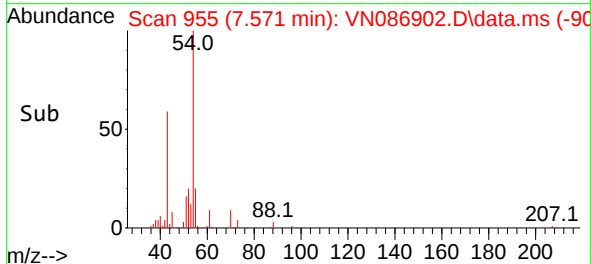
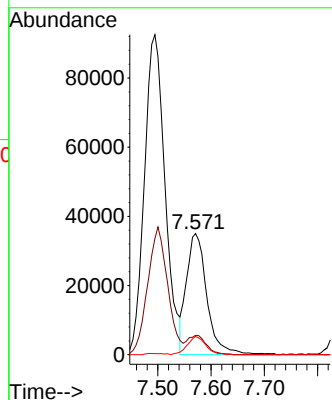
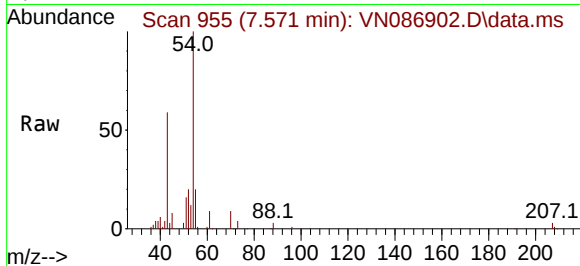




#37
Ethyl Acetate
Concen: 17.942 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

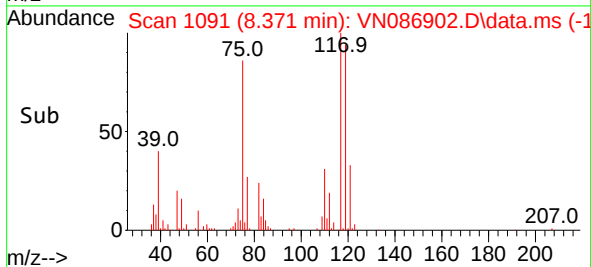
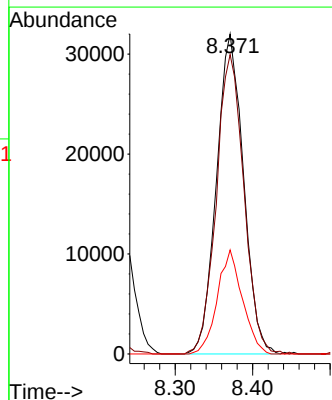
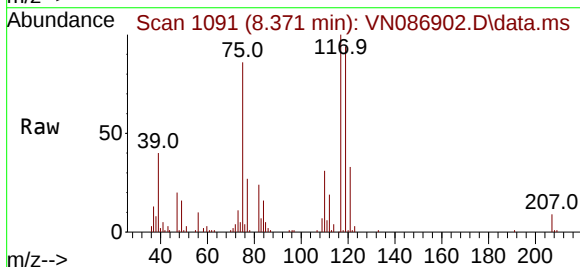
Instrument :
MSVOA_N
ClientSampleId :

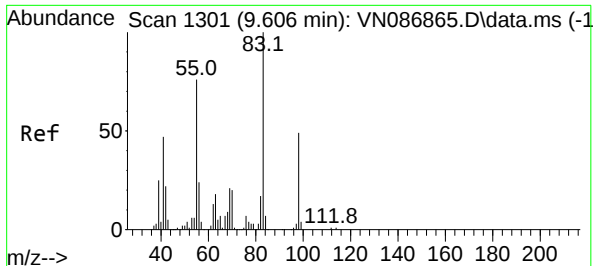
Tgt Ion: 43 Resp: 93294
Ion Ratio Lower Upper
43 100
61 14.9 12.1 18.1
70 13.5 9.8 14.6



#38
Carbon Tetrachloride
Concen: 19.351 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

Tgt Ion: 117 Resp: 77600
Ion Ratio Lower Upper
117 100
119 93.6 75.0 112.6
121 32.5 24.9 37.3

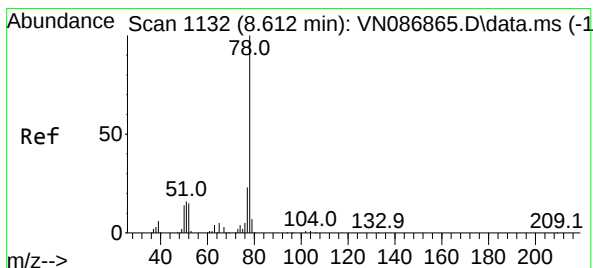
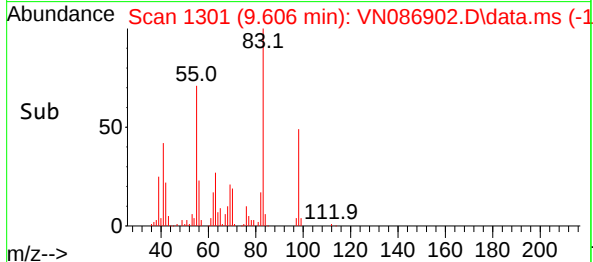
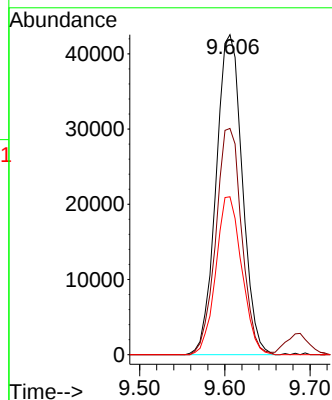
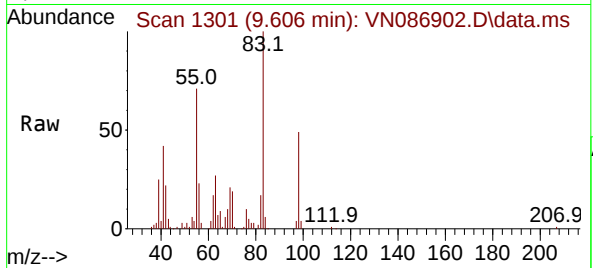




#39
Methylcyclohexane
Concen: 16.268 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

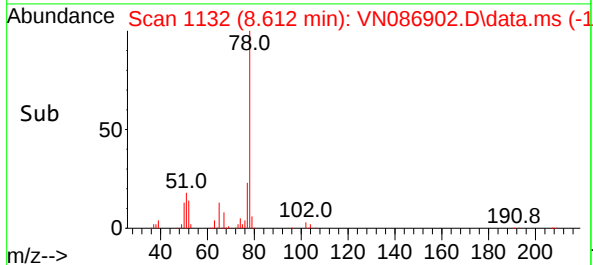
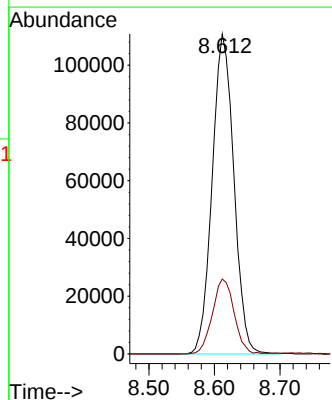
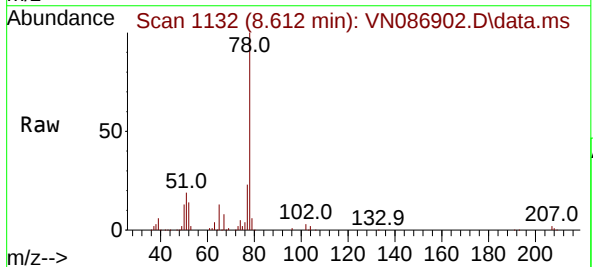
Instrument :
MSVOA_N
ClientSampleId :

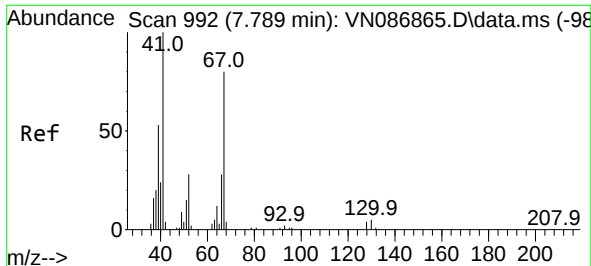
Tgt Ion: 83 Resp: 91033
Ion Ratio Lower Upper
83 100
55 70.7 61.0 91.6
98 49.4 38.9 58.3



#40
Benzene
Concen: 19.020 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

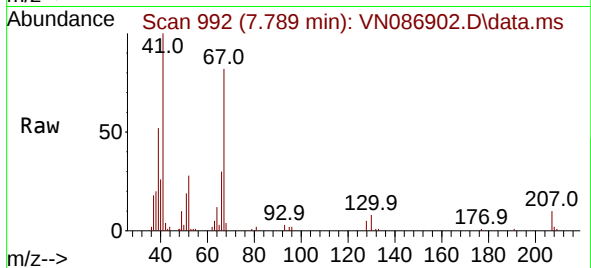
Tgt Ion: 78 Resp: 254036
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1



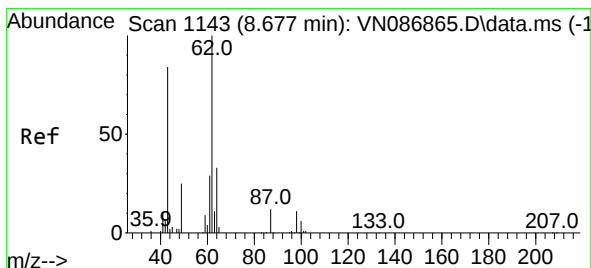
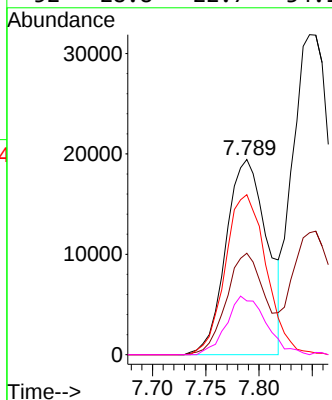
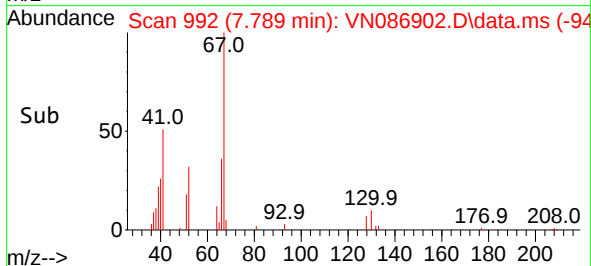


#41
Methacrylonitrile
Concen: 17.877 ug/l
RT: 7.789 min Scan# 992
Delta R.T. -0.000 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

Instrument :
MSVOA_N
ClientSampleId :

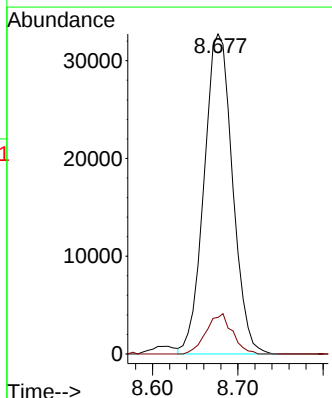
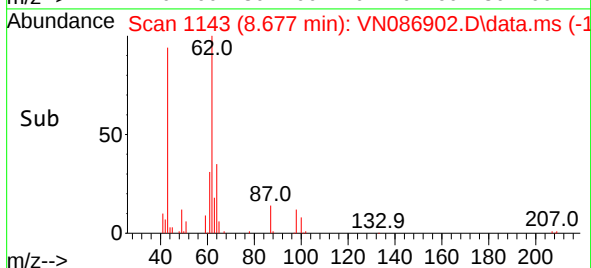
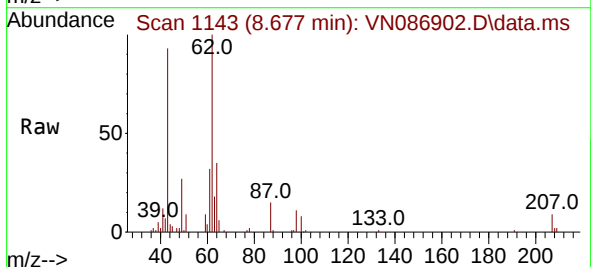


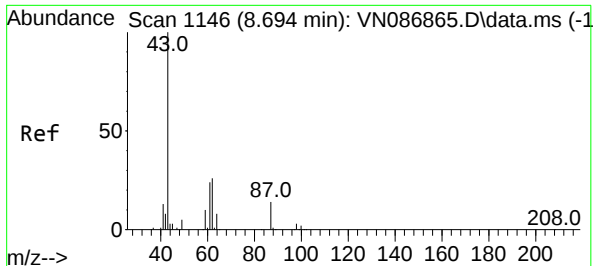
Tgt Ion:	41	Resp:	52205
Ion Ratio	Lower	Upper	
41	100		
39	46.8	41.2	61.8
67	82.0	61.4	92.2
52	28.8	22.7	34.1



#42
1,2-Dichloroethane
Concen: 18.757 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

Tgt Ion:	62	Resp:	75987
Ion Ratio	Lower	Upper	
62	100		
98	11.5	0.0	21.2





#43

Isopropyl Acetate

Concen: 17.495 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VN086902.D

Acq: 09 Jun 2025 14:04

Instrument :

MSVOA_N

ClientSampleId :

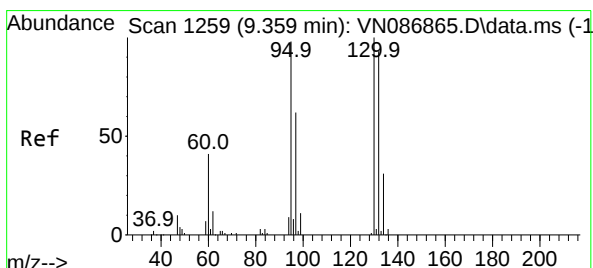
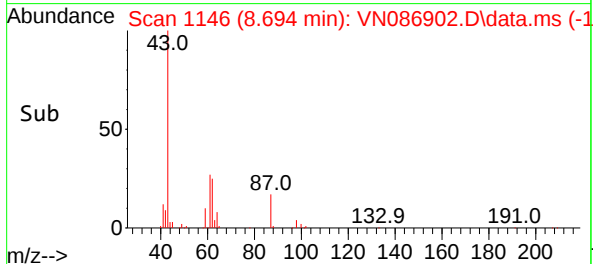
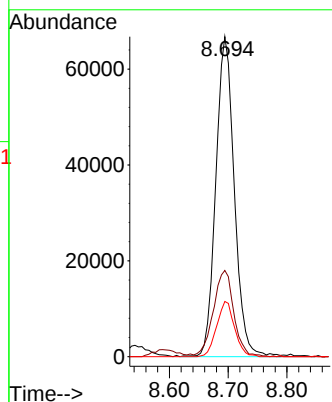
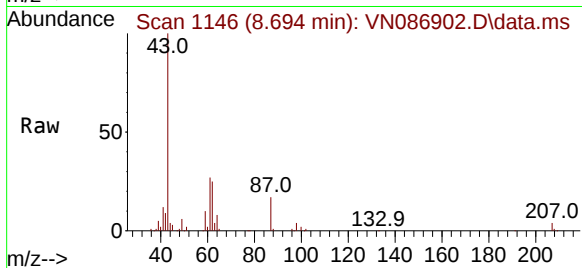
Tgt Ion: 43 Resp: 146007

Ion Ratio Lower Upper

43 100

61 29.9 22.1 33.1

87 16.7 11.8 17.6



#44

Trichloroethene

Concen: 20.408 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VN086902.D

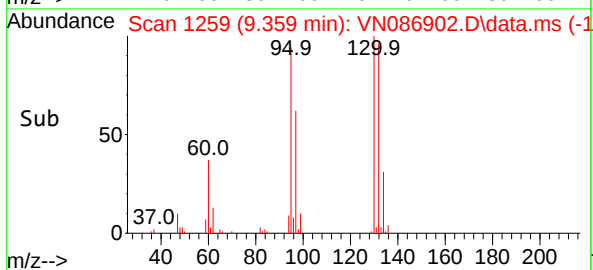
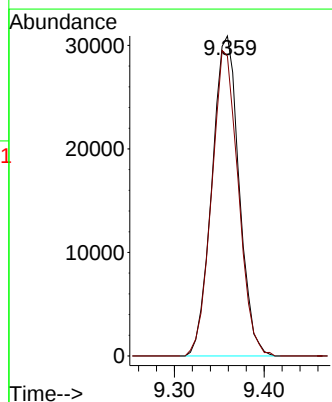
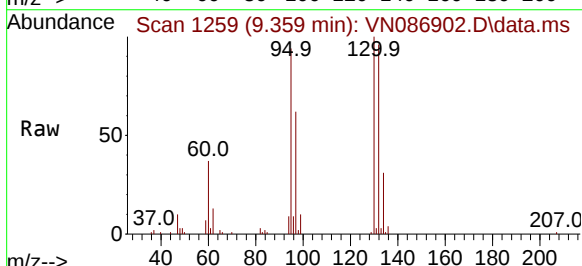
Acq: 09 Jun 2025 14:04

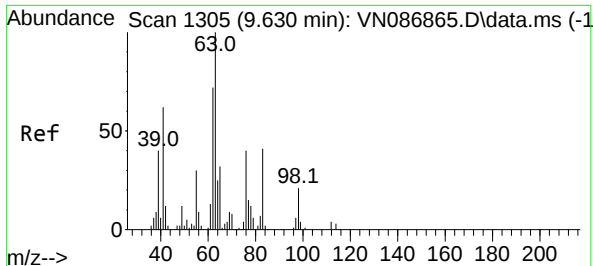
Tgt Ion:130 Resp: 64635

Ion Ratio Lower Upper

130 100

95 93.8 0.0 196.2





#45

1,2-Dichloropropane

Concen: 18.646 ug/l

RT: 9.624 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN086902.D

Acq: 09 Jun 2025 14:04

Instrument :

MSVOA_N

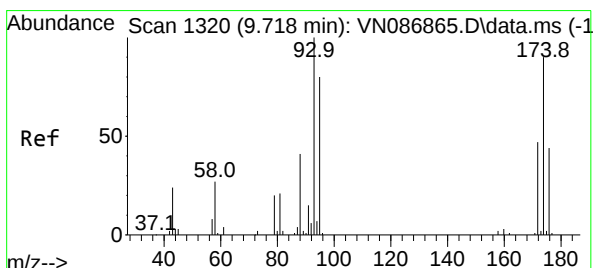
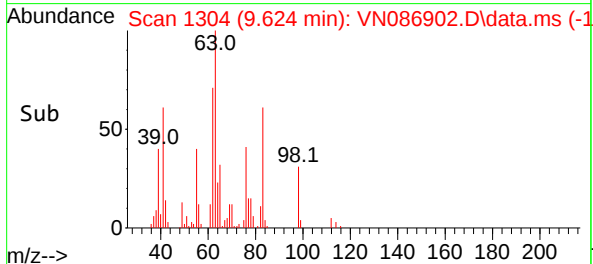
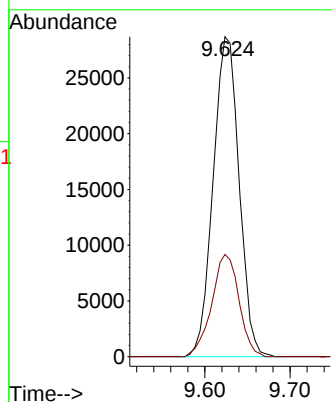
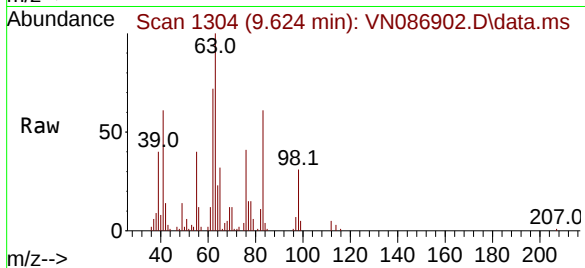
ClientSampleId :

Tgt Ion: 63 Resp: 60591

Ion Ratio Lower Upper

63 100

65 32.0 25.5 38.3



#46

Dibromomethane

Concen: 20.111 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.006 min

Lab File: VN086902.D

Acq: 09 Jun 2025 14:04

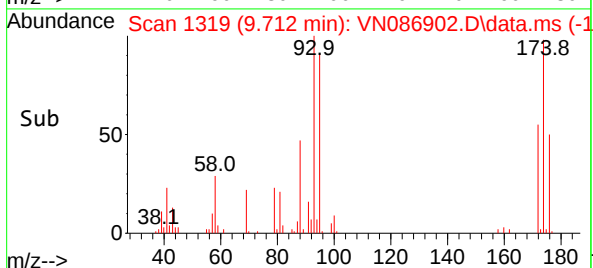
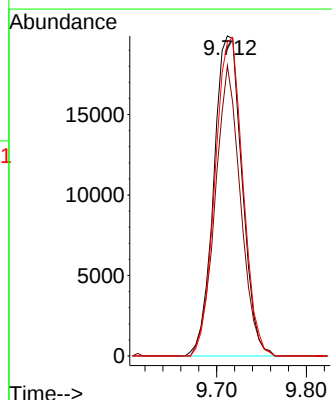
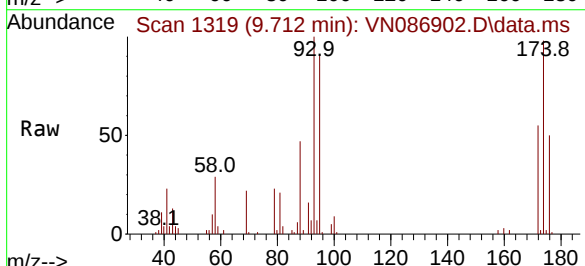
Tgt Ion: 93 Resp: 43406

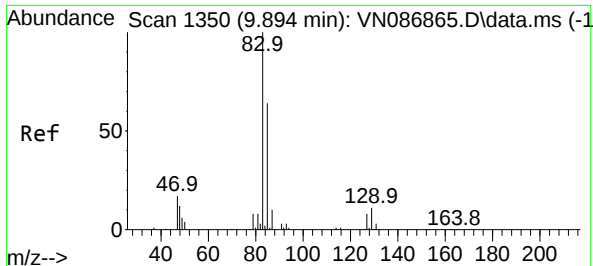
Ion Ratio Lower Upper

93 100

95 81.7 67.1 100.7

174 97.9 74.2 111.4

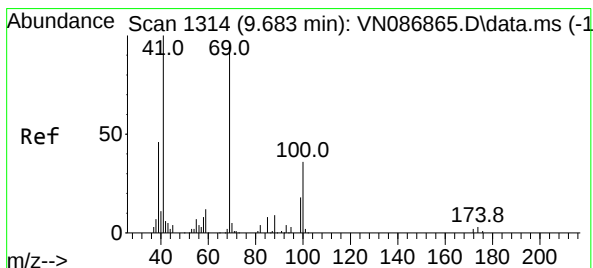
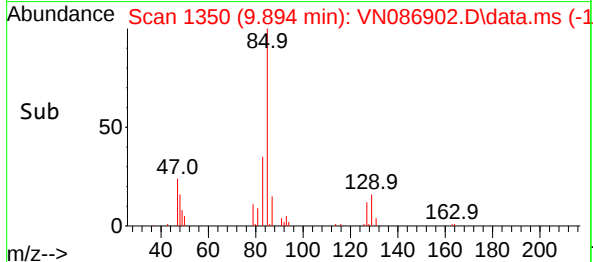
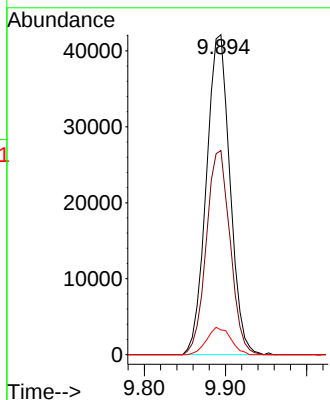
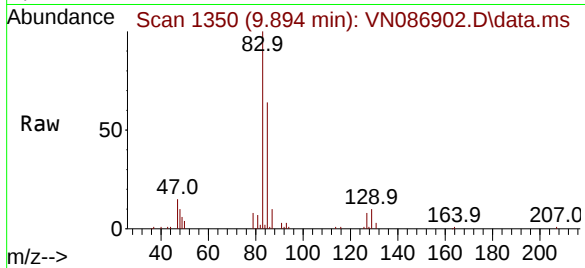




#47
Bromodichloromethane
Concen: 19.158 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

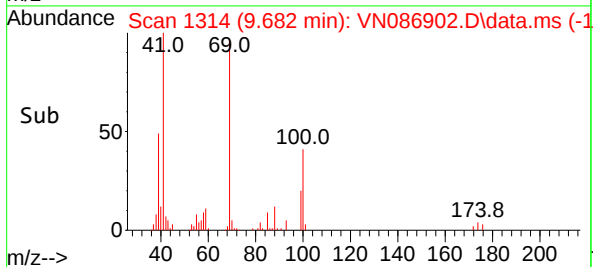
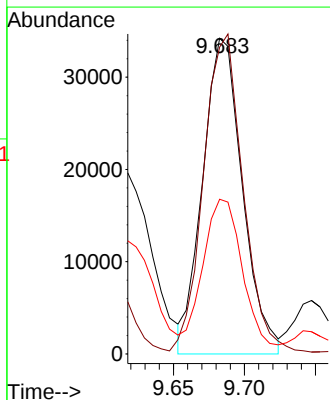
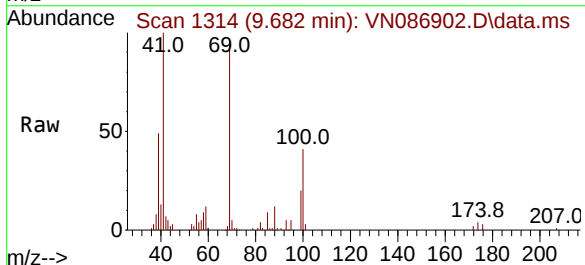
Instrument :
MSVOA_N
ClientSampleId :

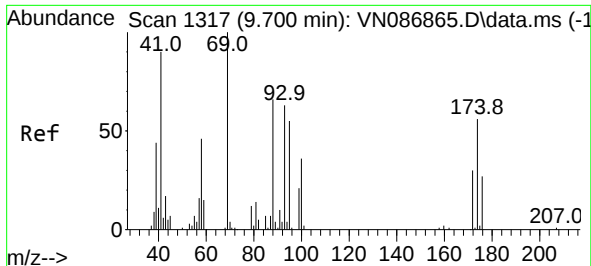
Tgt Ion: 83 Resp: 85075
Ion Ratio Lower Upper
83 100
85 63.8 50.9 76.3
127 7.8 6.6 10.0



#48
Methyl methacrylate
Concen: 17.378 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

Tgt Ion: 41 Resp: 66751
Ion Ratio Lower Upper
41 100
69 99.7 74.6 112.0
39 50.1 40.2 60.4





#49

1,4-Dioxane

Concen: 369.843 ug/l

RT: 9.700 min Scan# 1

Delta R.T. -0.000 min

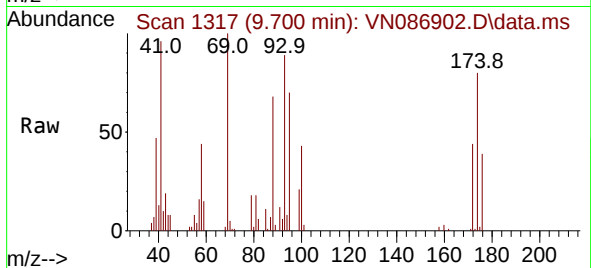
Lab File: VN086902.D

Acq: 09 Jun 2025 14:04

Instrument :

MSVOA_N

ClientSampleId :



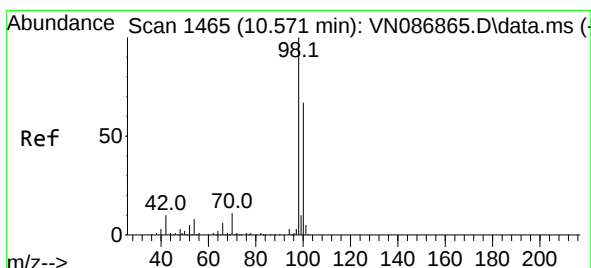
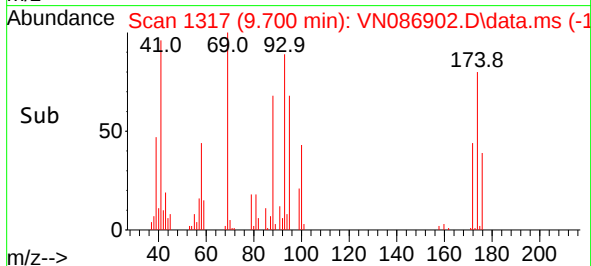
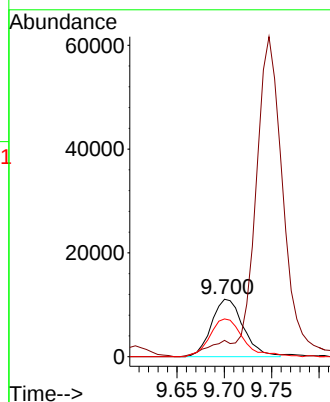
Tgt Ion: 88 Resp: 25844

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 69.0 57.7 86.5



#50

Toluene-d8

Concen: 48.233 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN086902.D

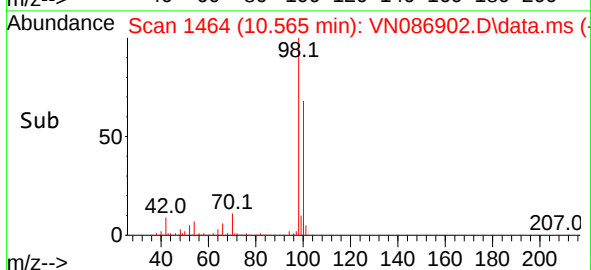
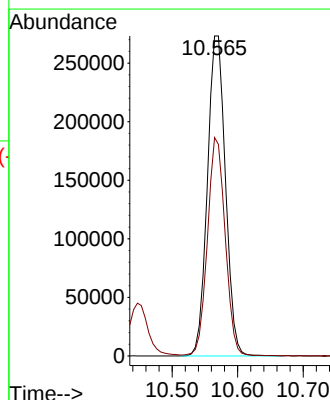
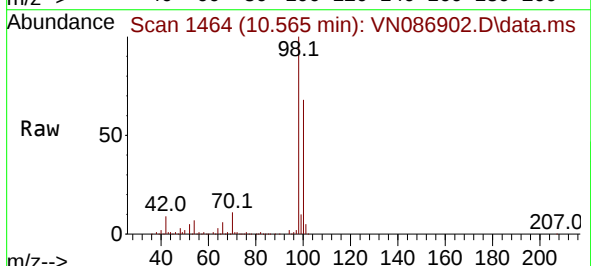
Acq: 09 Jun 2025 14:04

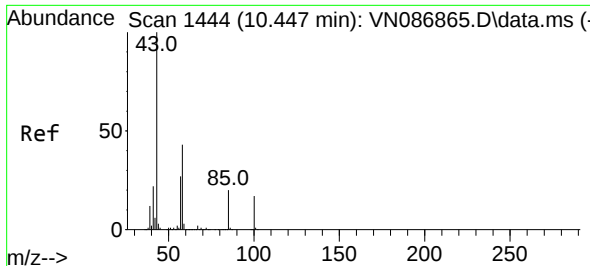
Tgt Ion: 98 Resp: 523398

Ion Ratio Lower Upper

98 100

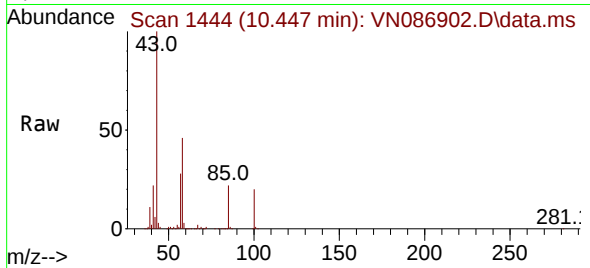
100 66.8 53.4 80.0



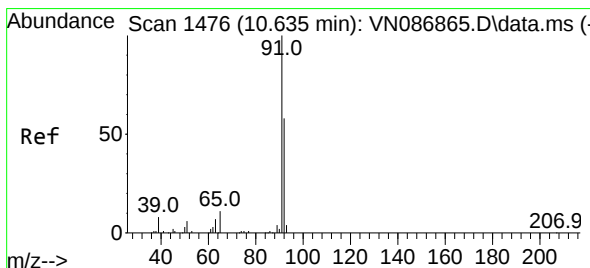
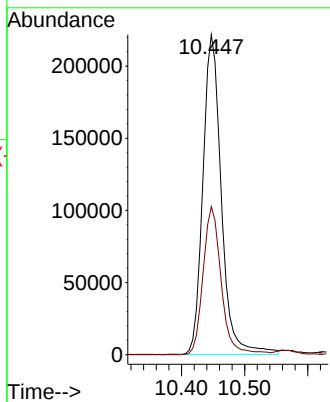
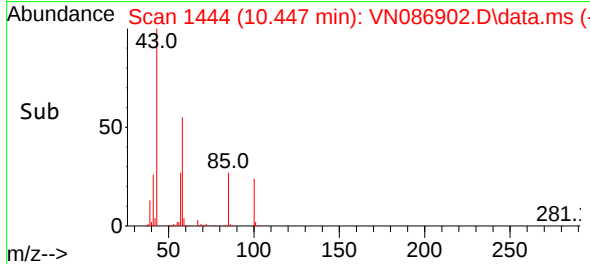


#51
4-Methyl-2-Pentanone
Concen: 89.334 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

Instrument :
MSVOA_N
ClientSampleId :

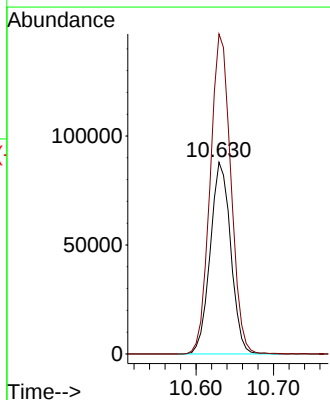
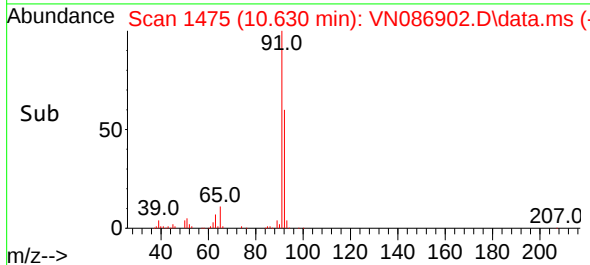
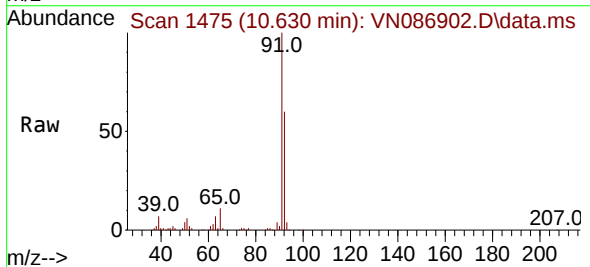


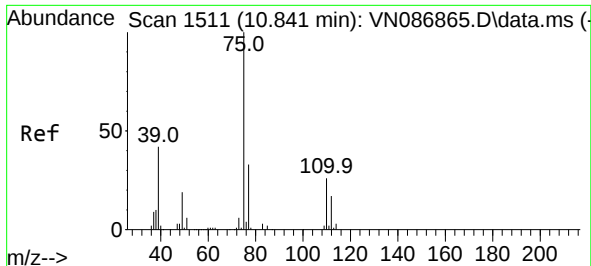
Tgt Ion: 43 Resp: 448816
Ion Ratio Lower Upper
43 100
58 45.6 34.2 51.4



#52
Toluene
Concen: 19.794 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

Tgt Ion: 92 Resp: 161571
Ion Ratio Lower Upper
92 100
91 168.6 136.5 204.7

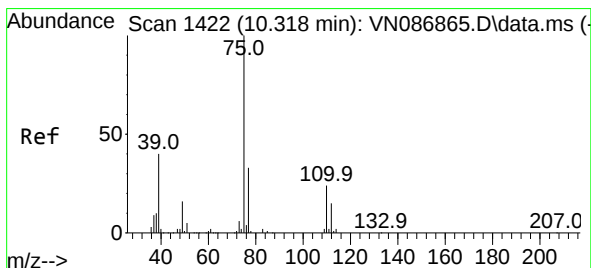
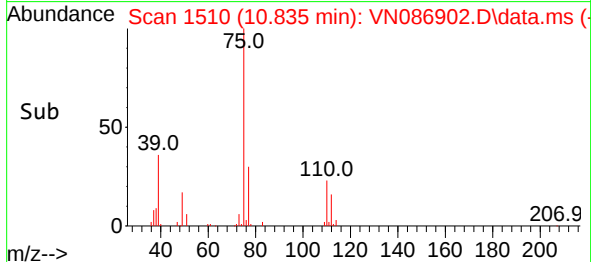
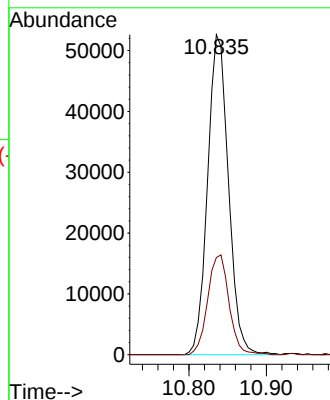
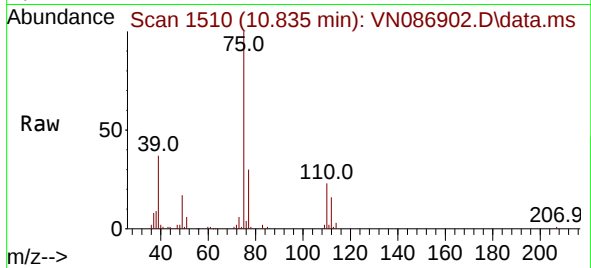




#53
 t-1,3-Dichloropropene
 Concen: 19.790 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.006 min
 Lab File: VN086902.D
 Acq: 09 Jun 2025 14:04

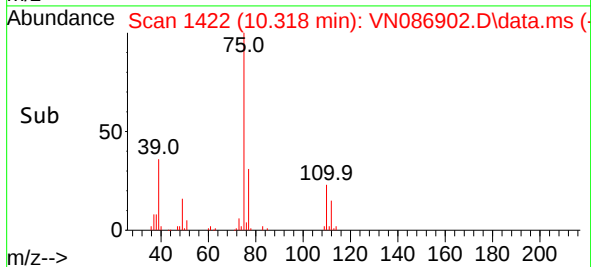
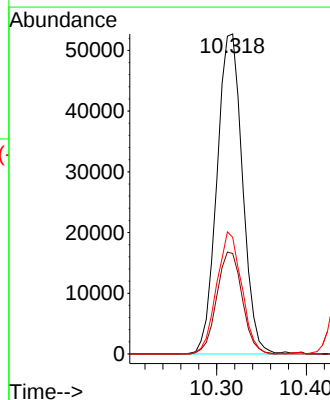
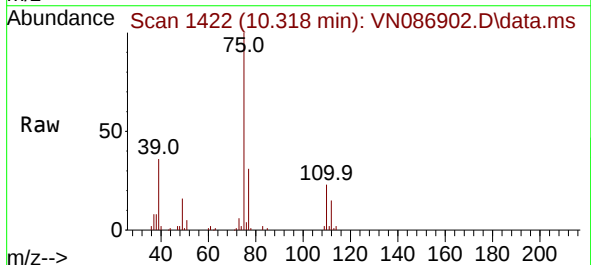
Instrument :
 MSVOA_N
 ClientSampleId :

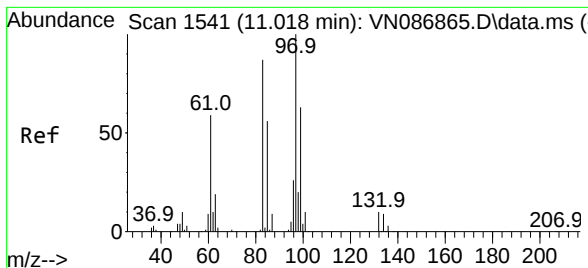
Tgt Ion: 75 Resp: 98270
 Ion Ratio Lower Upper
 75 100
 77 30.3 26.4 39.6



#54
 cis-1,3-Dichloropropene
 Concen: 19.593 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN086902.D
 Acq: 09 Jun 2025 14:04

Tgt Ion: 75 Resp: 104098
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.2 39.4
 39 36.4 32.3 48.5





#55

1,1,2-Trichloroethane

Concen: 19.651 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

Lab File: VN086902.D

Acq: 09 Jun 2025 14:04

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 61721

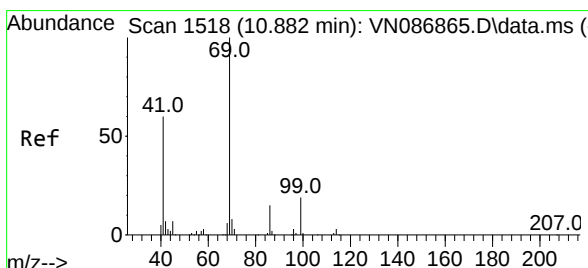
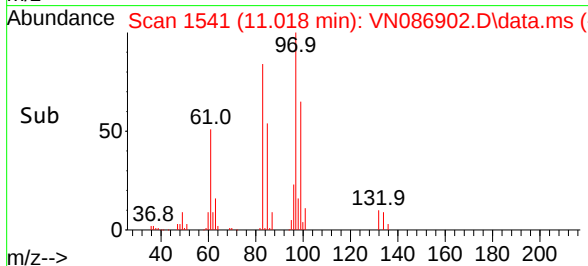
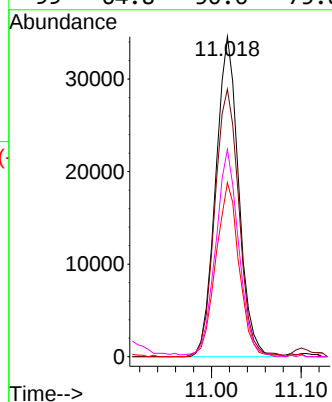
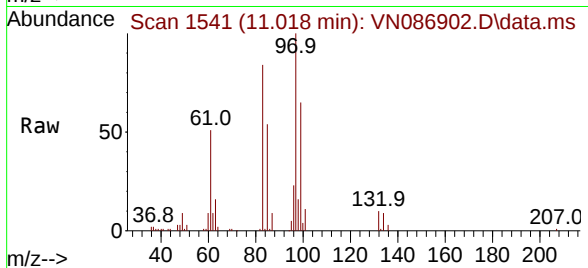
Ion Ratio Lower Upper

97 100

83 83.6 69.7 104.5

85 54.3 45.1 67.7

99 64.8 50.6 75.8



#56

Ethyl methacrylate

Concen: 20.185 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. -0.000 min

Lab File: VN086902.D

Acq: 09 Jun 2025 14:04

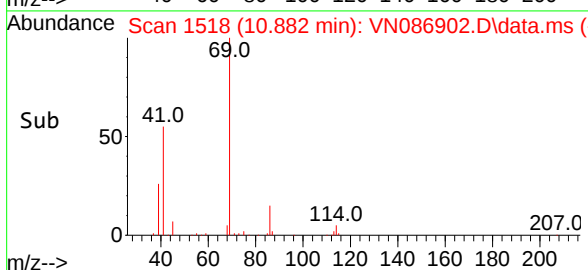
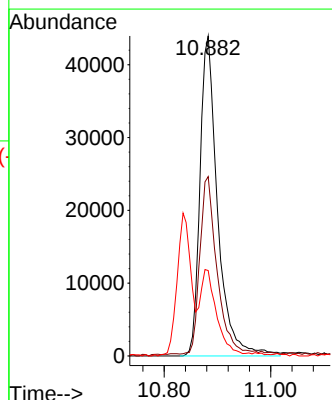
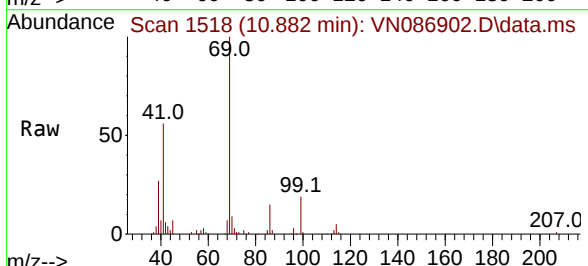
Tgt Ion: 69 Resp: 100979

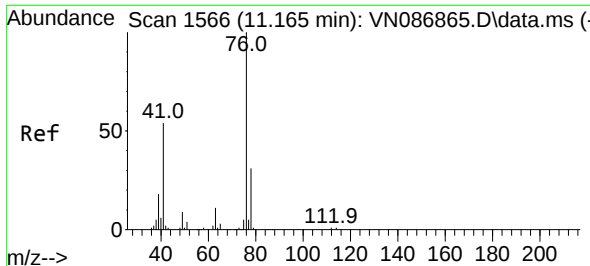
Ion Ratio Lower Upper

69 100

41 54.4 47.2 70.8

39 24.2 23.0 34.6





#57

1,3-Dichloropropane

Concen: 19.278 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086902.D

Acq: 09 Jun 2025 14:04

Instrument :

MSVOA_N

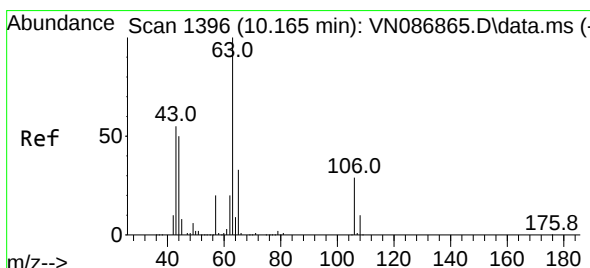
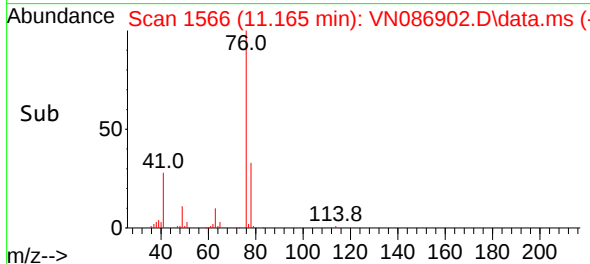
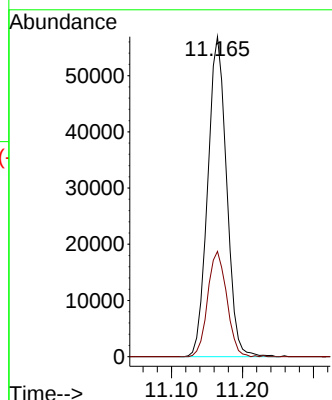
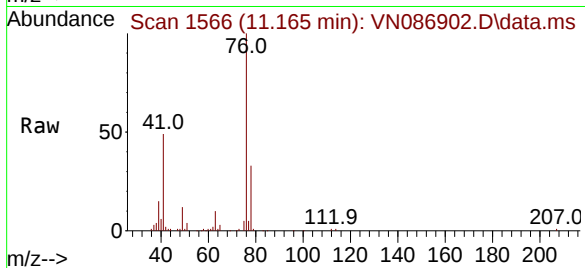
ClientSampleId :

Tgt Ion: 76 Resp: 105036

Ion Ratio Lower Upper

76 100

78 33.3 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 80.228 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VN086902.D

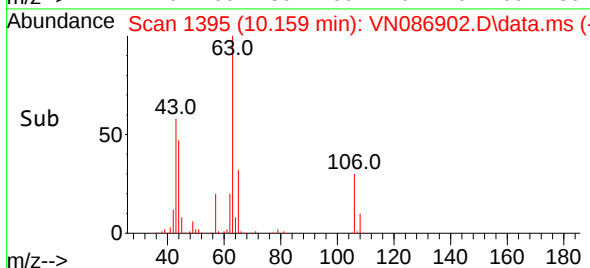
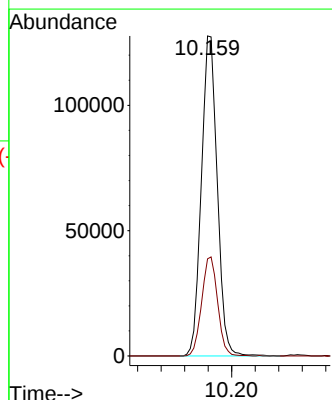
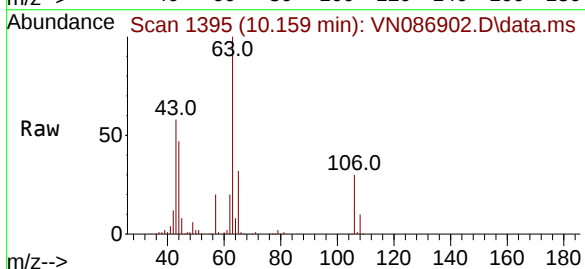
Acq: 09 Jun 2025 14:04

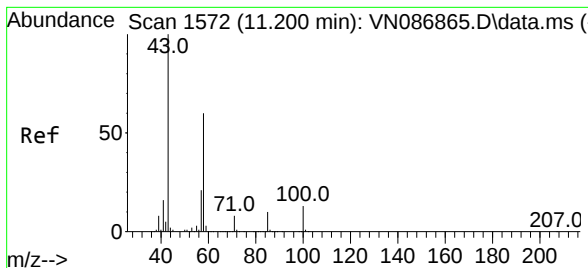
Tgt Ion: 63 Resp: 239383

Ion Ratio Lower Upper

63 100

106 31.0 23.0 34.6

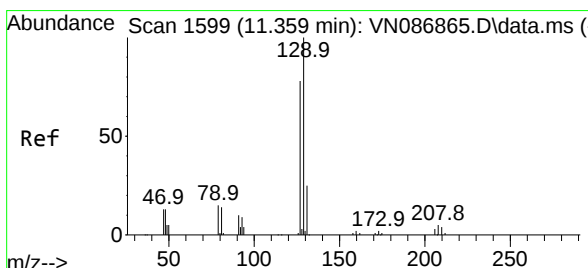
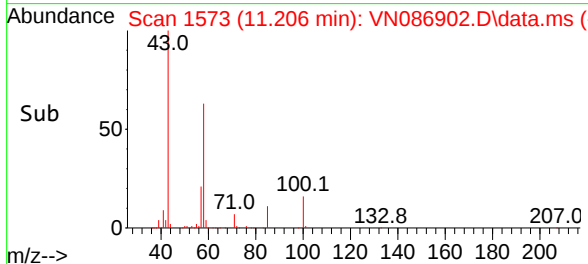
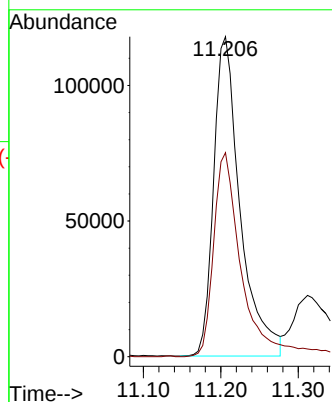
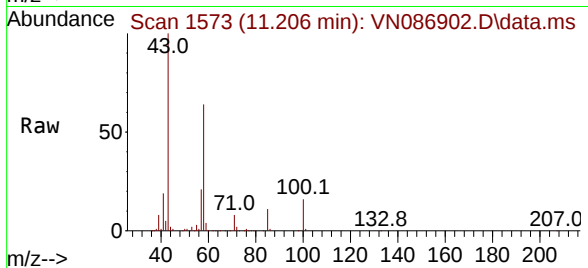




#59
2-Hexanone
Concen: 86.483 ug/l
RT: 11.206 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

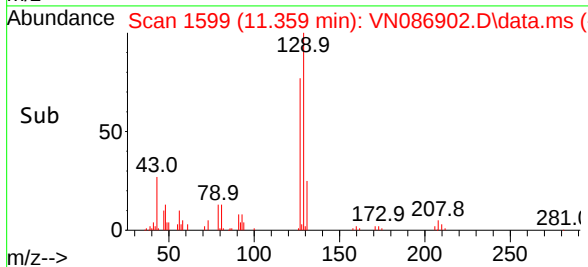
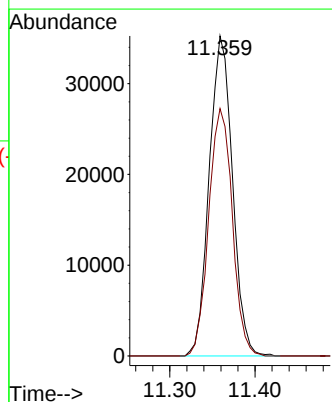
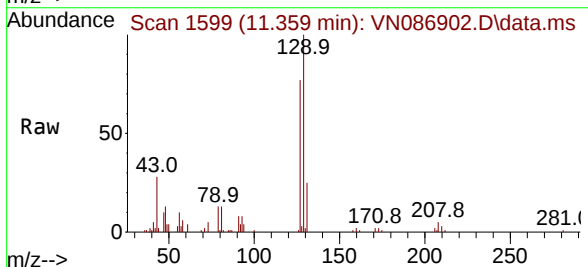
Instrument :
MSVOA_N
ClientSampleId :

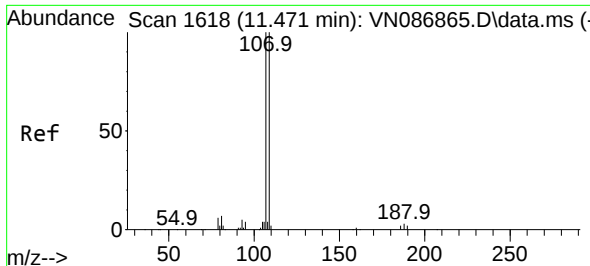
Tgt Ion: 43 Resp: 279871
Ion Ratio Lower Upper
43 100
58 67.9 30.4 91.3



#60
Dibromochloromethane
Concen: 20.437 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

Tgt Ion: 129 Resp: 66878
Ion Ratio Lower Upper
129 100
127 78.3 38.6 115.8

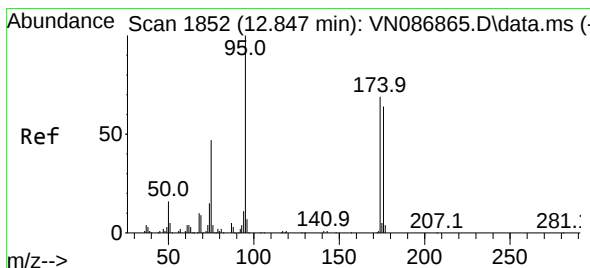
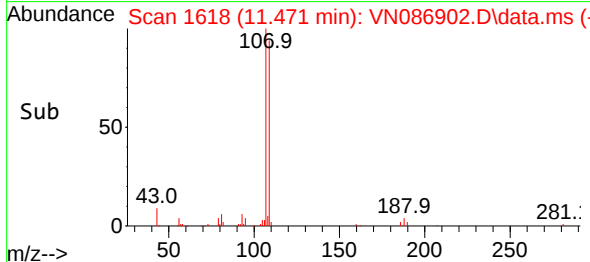
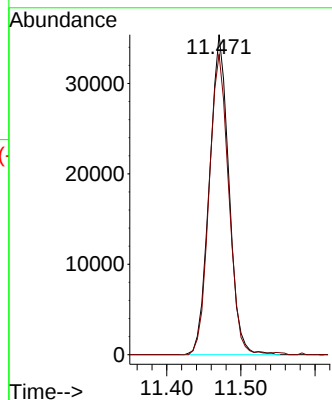
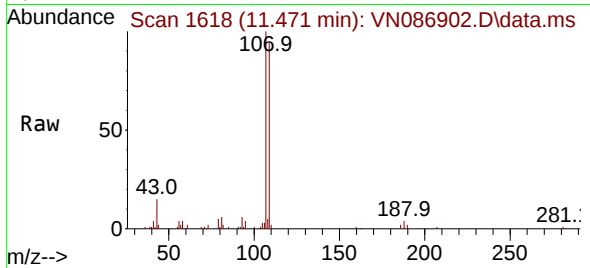




#61
1,2-Dibromoethane
Concen: 20.028 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

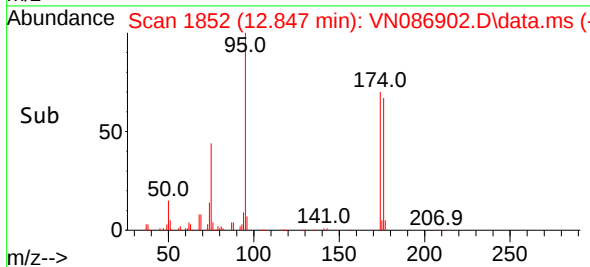
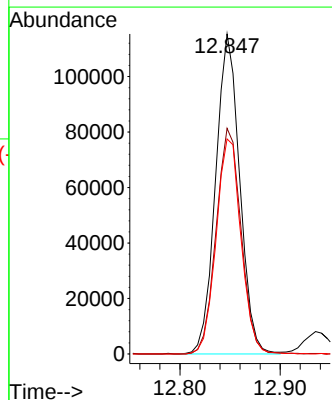
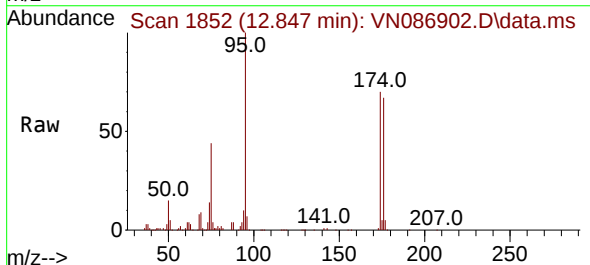
Instrument :
MSVOA_N
ClientSampleId :

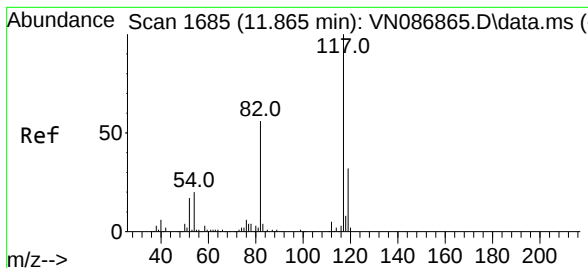
Tgt Ion:107 Resp: 64475
Ion Ratio Lower Upper
107 100
109 94.5 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 47.729 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

Tgt Ion: 95 Resp: 192426
Ion Ratio Lower Upper
95 100
174 72.9 0.0 141.8
176 69.6 0.0 132.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086902.D

Acq: 09 Jun 2025 14:04

Instrument :

MSVOA_N

ClientSampleId :

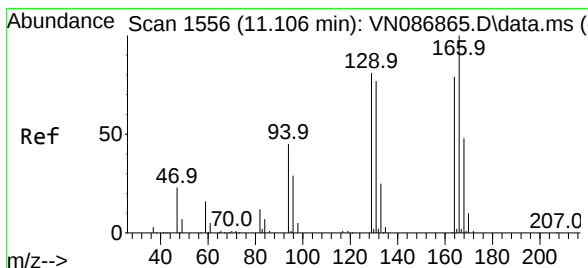
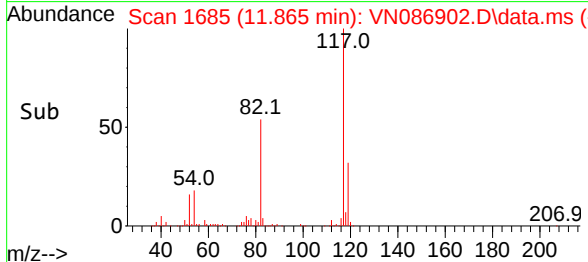
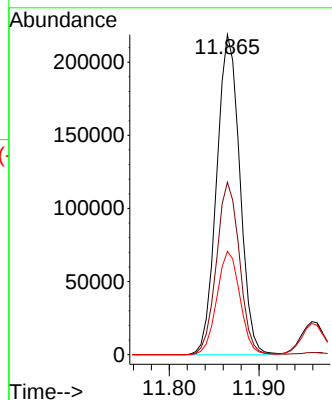
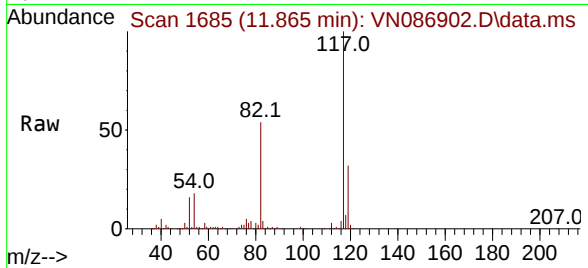
Tgt Ion:117 Resp: 392287

Ion Ratio Lower Upper

117 100

82 53.9 44.6 67.0

119 32.3 25.5 38.3



#64

Tetrachloroethene

Concen: 19.204 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN086902.D

Acq: 09 Jun 2025 14:04

Tgt Ion:164 Resp: 47676

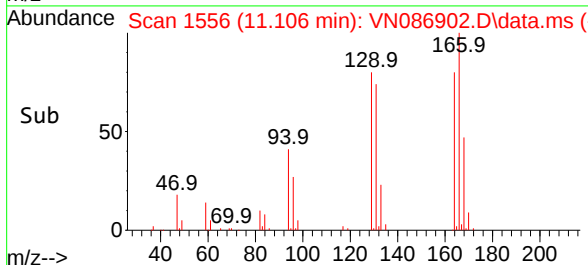
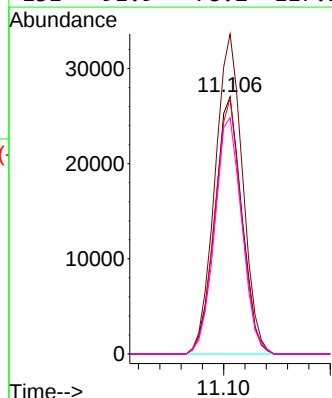
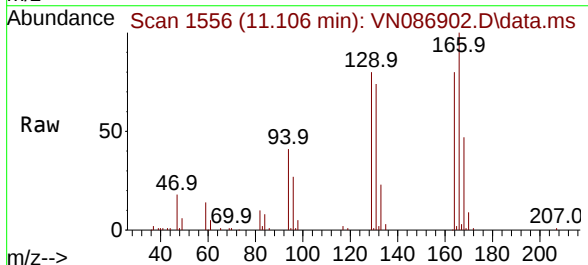
Ion Ratio Lower Upper

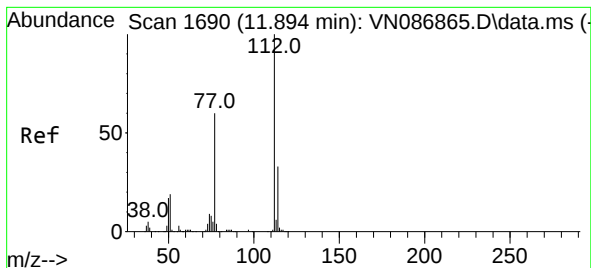
164 100

166 124.5 101.8 152.8

129 99.5 83.0 124.4

131 91.9 78.2 117.2





#65

Chlorobenzene

Concen: 20.274 ug/l

RT: 11.894 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086902.D

Acq: 09 Jun 2025 14:04

Instrument :

MSVOA_N

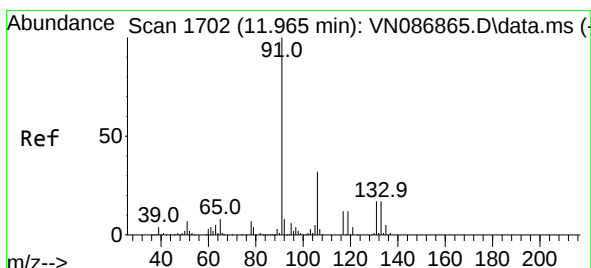
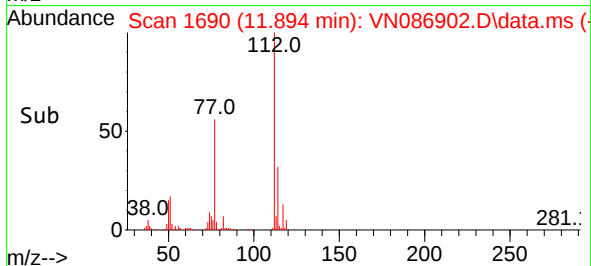
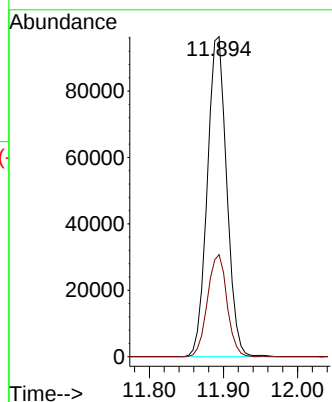
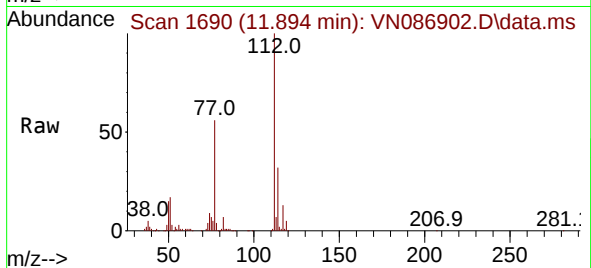
ClientSampleId :

Tgt Ion:112 Resp: 175411

Ion Ratio Lower Upper

112 100

114 31.9 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 20.968 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VN086902.D

Acq: 09 Jun 2025 14:04

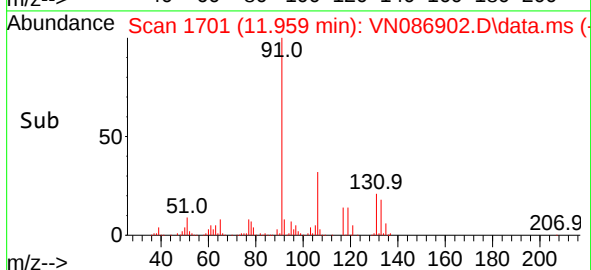
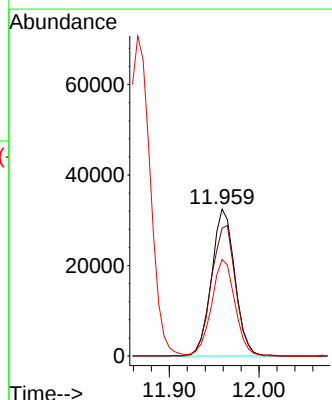
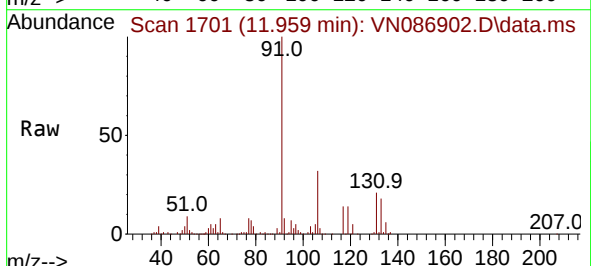
Tgt Ion:131 Resp: 58317

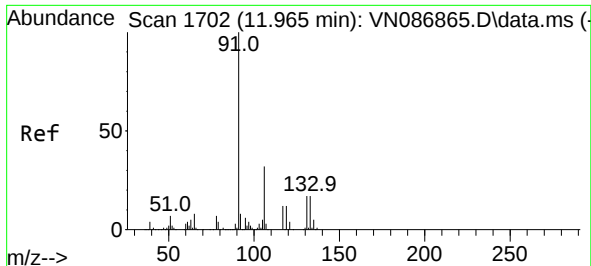
Ion Ratio Lower Upper

131 100

133 93.5 48.3 144.8

119 66.4 34.0 101.8





#67

Ethyl Benzene

Concen: 19.466 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN086902.D

Acq: 09 Jun 2025 14:04

Instrument :

MSVOA_N

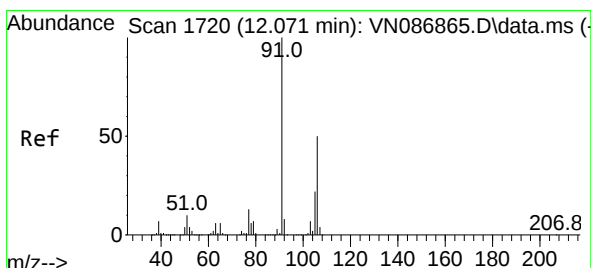
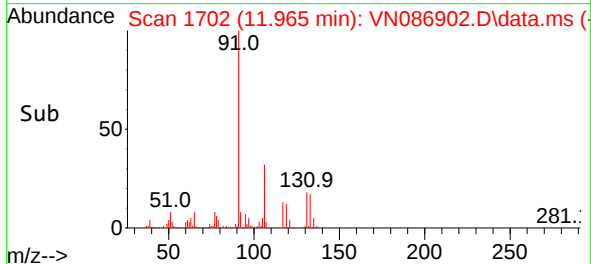
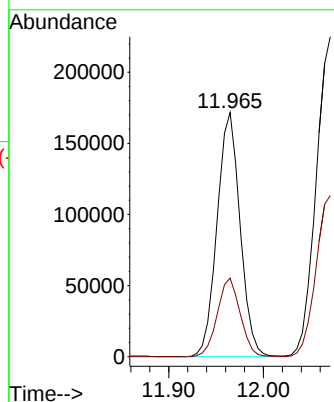
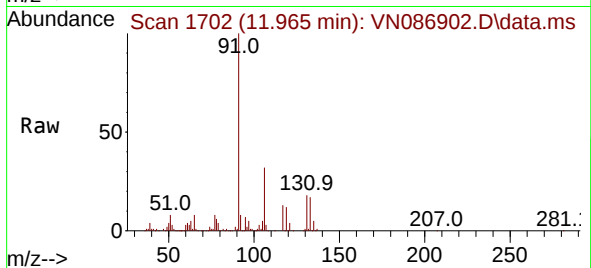
ClientSampleId :

Tgt Ion: 91 Resp: 290096

Ion Ratio Lower Upper

91 100

106 32.2 25.4 38.2



#68

m/p-Xylenes

Concen: 39.665 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN086902.D

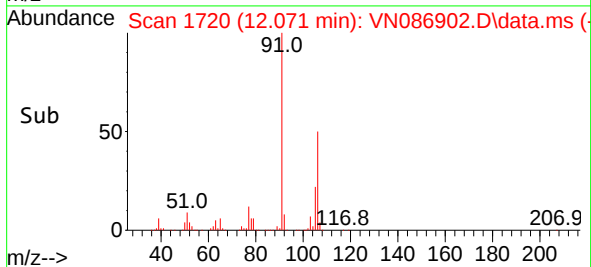
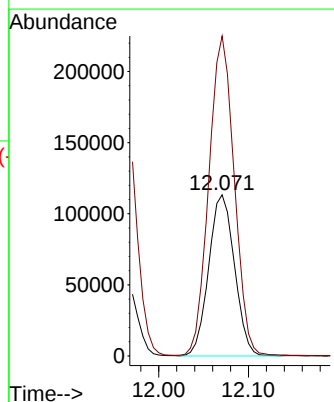
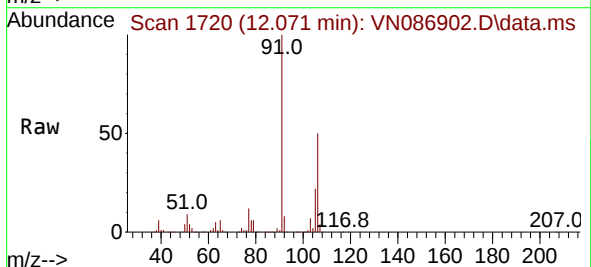
Acq: 09 Jun 2025 14:04

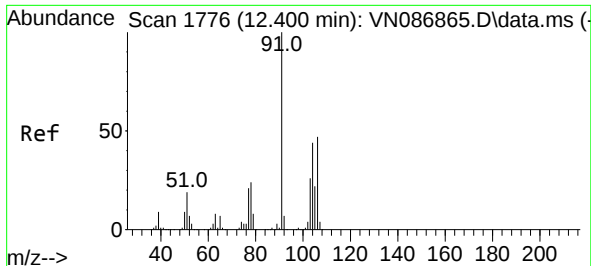
Tgt Ion:106 Resp: 226281

Ion Ratio Lower Upper

106 100

91 196.6 159.4 239.0

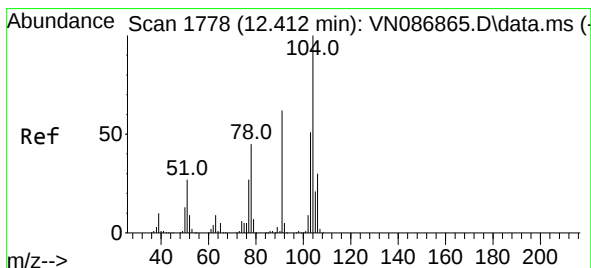
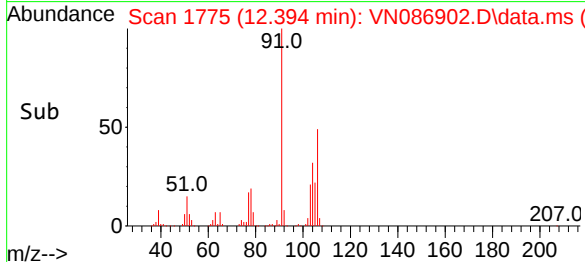
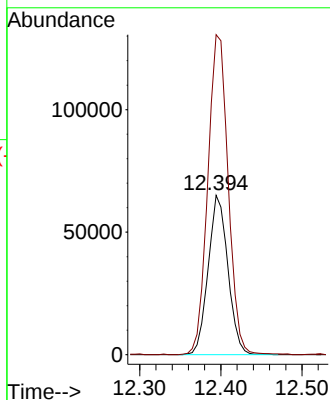
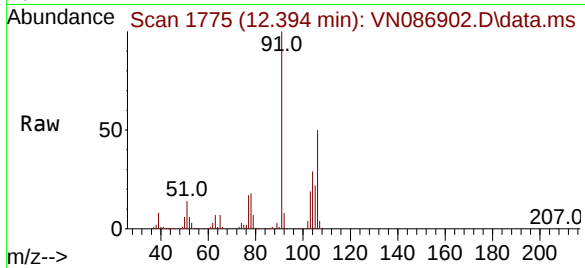




#69
o-Xylene
Concen: 20.117 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

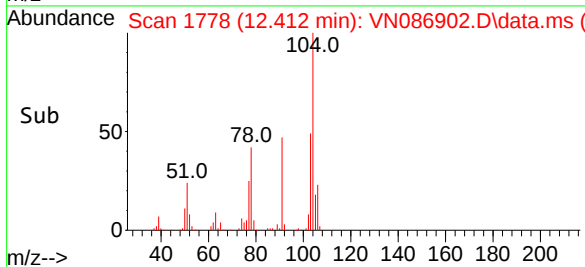
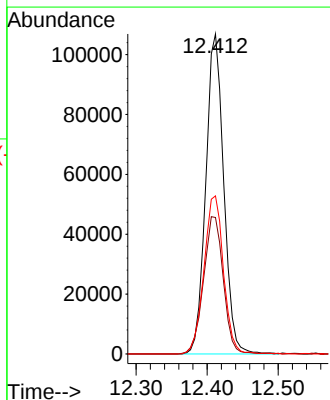
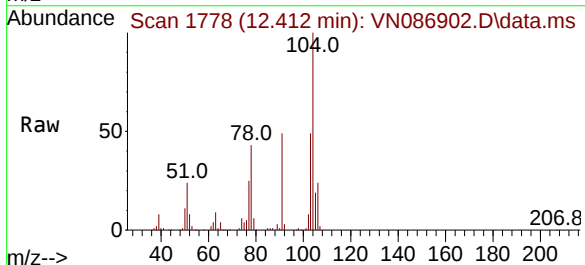
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:106 Resp: 109915
Ion Ratio Lower Upper
106 100
91 207.4 106.1 318.1



#70
Styrene
Concen: 20.096 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

Tgt Ion:104 Resp: 187888
Ion Ratio Lower Upper
104 100
78 47.3 38.5 57.7
103 54.0 43.1 64.7





#71

Bromoform

Concen: 21.533 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086902.D

Acq: 09 Jun 2025 14:04

Instrument :

MSVOA_N

ClientSampleId :

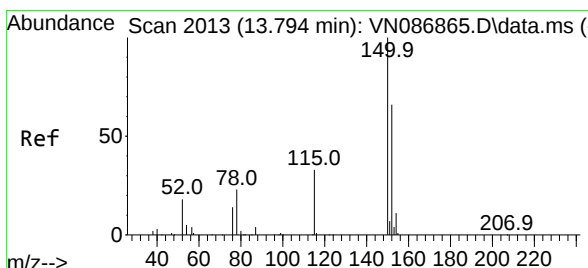
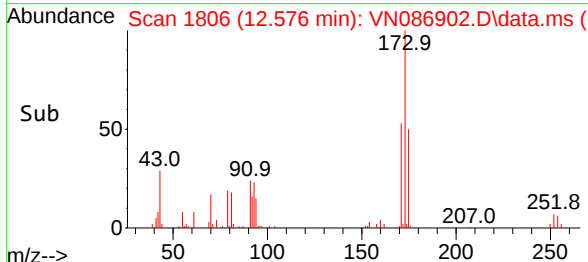
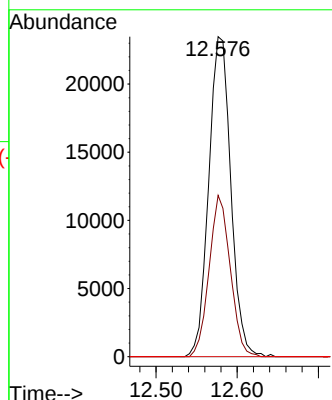
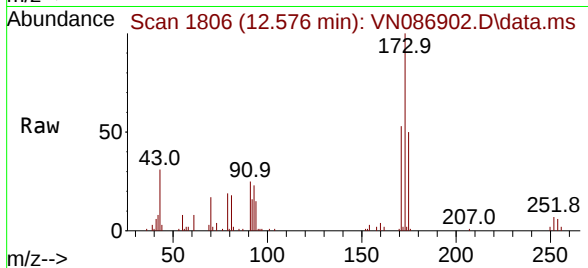
Tgt Ion:173 Resp: 44372

Ion Ratio Lower Upper

173 100

175 48.3 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: VN086902.D

Acq: 09 Jun 2025 14:04

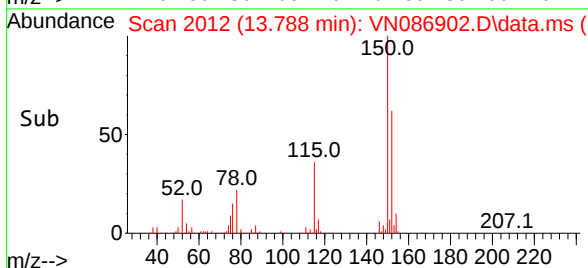
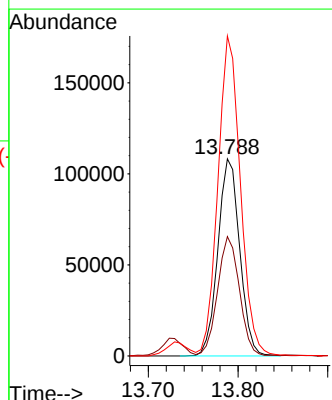
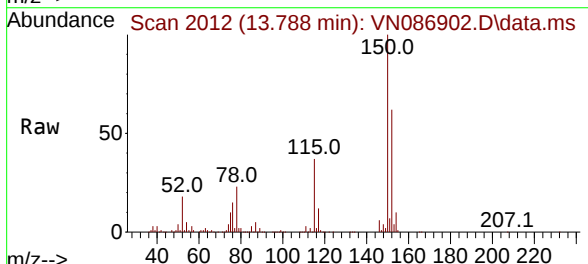
Tgt Ion:152 Resp: 182953

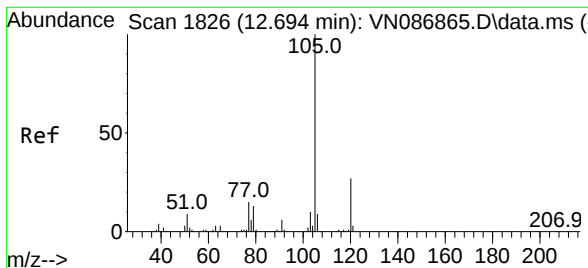
Ion Ratio Lower Upper

152 100

115 60.1 30.1 90.5

150 167.5 0.0 345.0





#73

Isopropylbenzene

Concen: 20.030 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086902.D

Acq: 09 Jun 2025 14:04

Instrument :

MSVOA_N

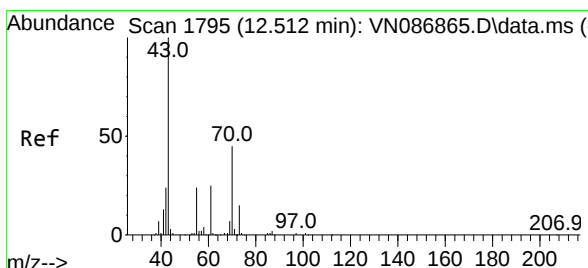
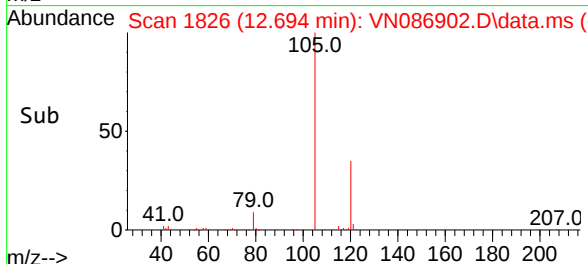
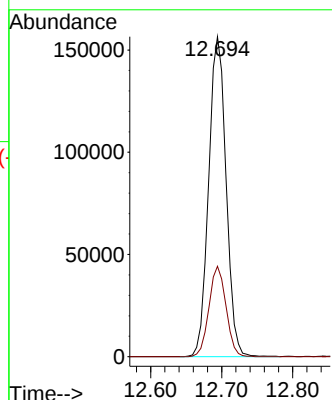
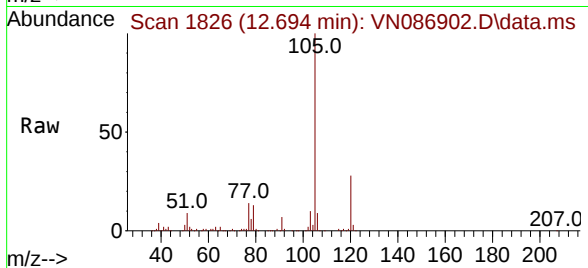
ClientSampleId :

Tgt Ion:105 Resp: 266966

Ion Ratio Lower Upper

105 100

120 27.6 13.5 40.4



#74

N-ethyl acetate

Concen: 18.514 ug/l

RT: 12.524 min Scan# 1797

Delta R.T. 0.012 min

Lab File: VN086902.D

Acq: 09 Jun 2025 14:04

Tgt Ion: 43 Resp: 86229

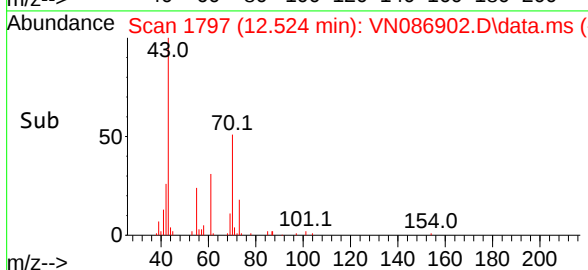
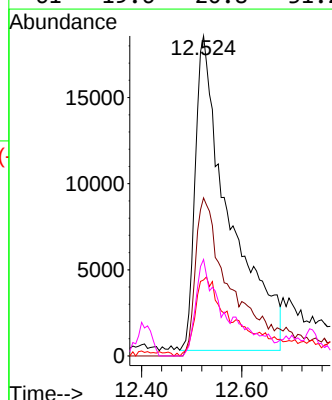
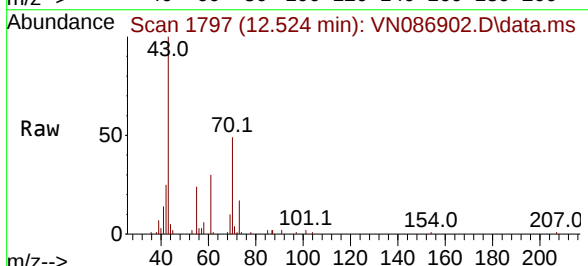
Ion Ratio Lower Upper

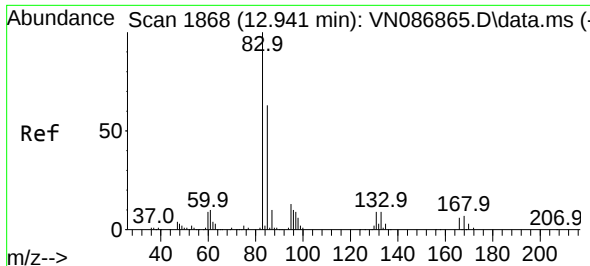
43 100

70 53.0 37.6 56.4

55 19.6 19.0 28.6

61 19.6 20.8 31.2#

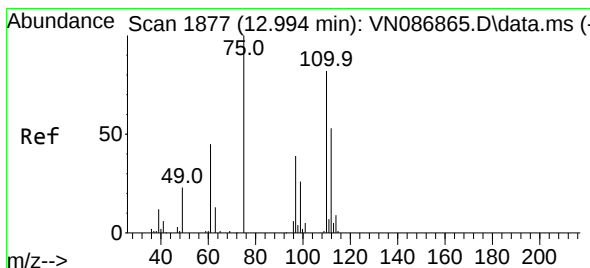
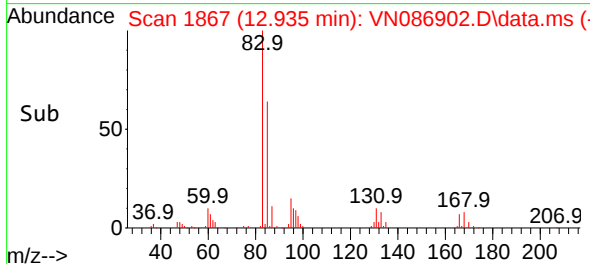
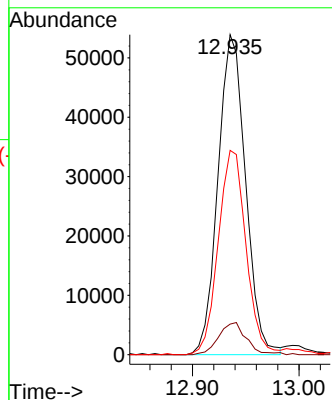
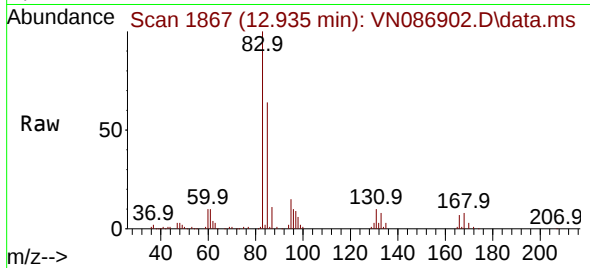




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.472 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.006 min
 Lab File: VN086902.D
 Acq: 09 Jun 2025 14:04

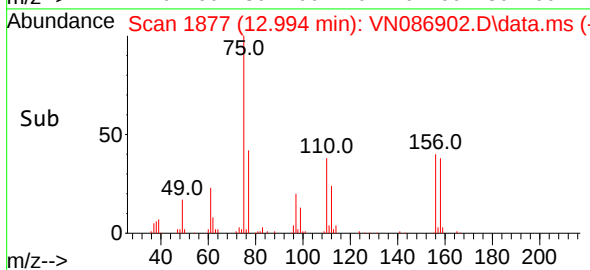
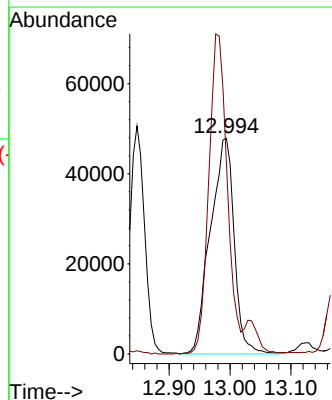
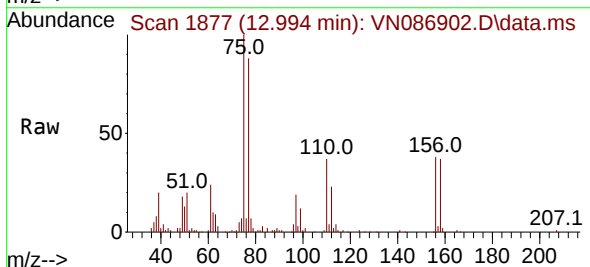
Instrument :
 MSVOA_N
 ClientSampleId :

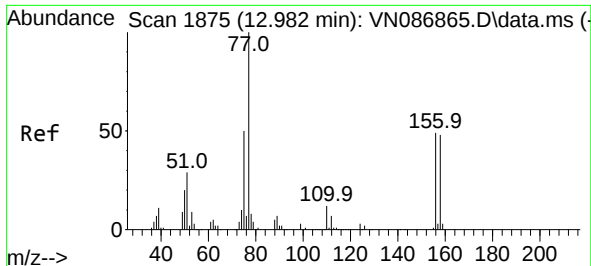
Tgt Ion: 83 Resp: 96951
 Ion Ratio Lower Upper
 83 100
 131 10.1 4.9 14.7
 85 64.2 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 29.917 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN086902.D
 Acq: 09 Jun 2025 14:04

Tgt Ion: 75 Resp: 130104
 Ion Ratio Lower Upper
 75 100
 77 114.5 79.3 237.9

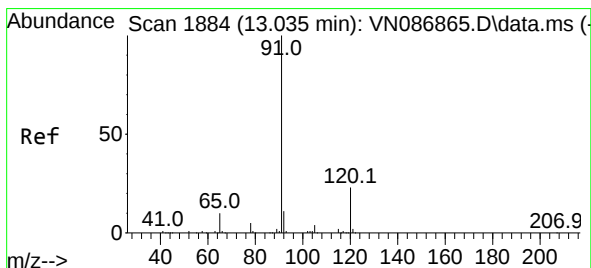
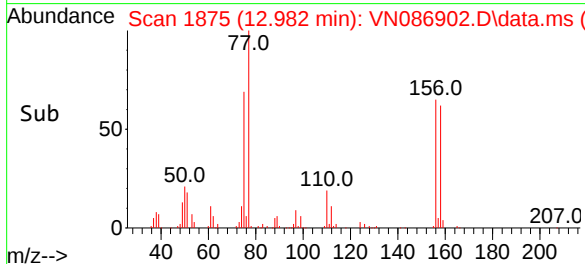
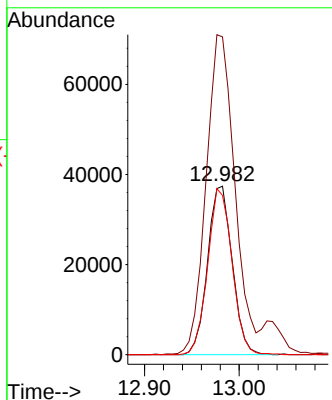
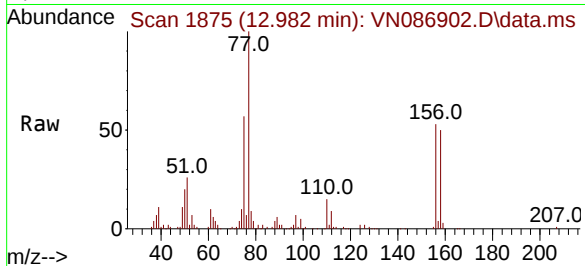




#77
Bromobenzene
Concen: 22.181 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

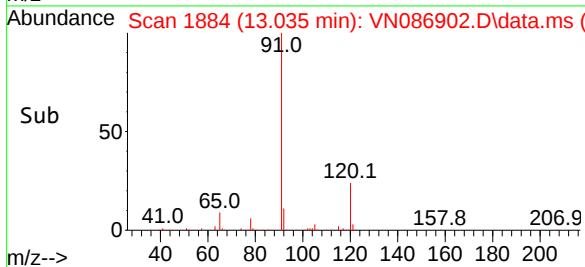
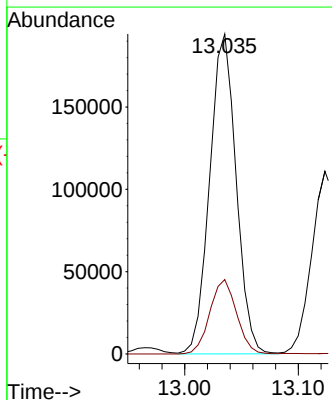
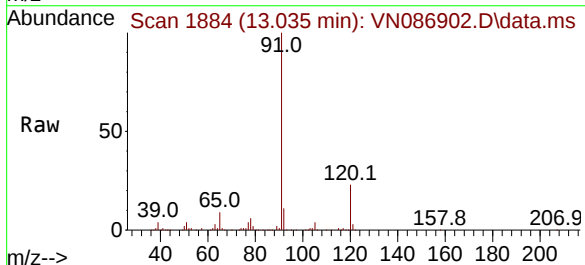
Instrument :
MSVOA_N
ClientSampleId :

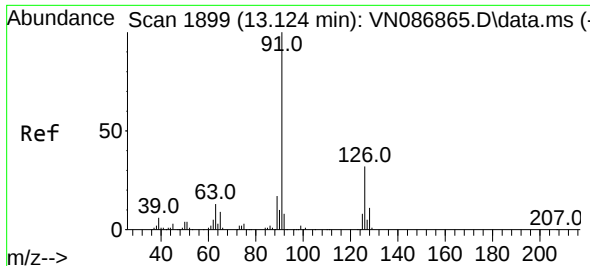
Tgt Ion:156 Resp: 67800
Ion Ratio Lower Upper
156 100
77 219.7 117.7 353.1
158 97.3 48.1 144.4



#78
n-propylbenzene
Concen: 19.436 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

Tgt Ion: 91 Resp: 314811
Ion Ratio Lower Upper
91 100
120 23.4 11.4 34.2

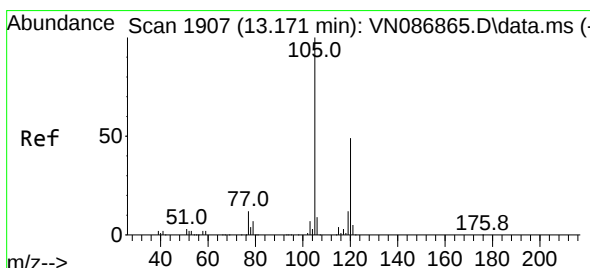
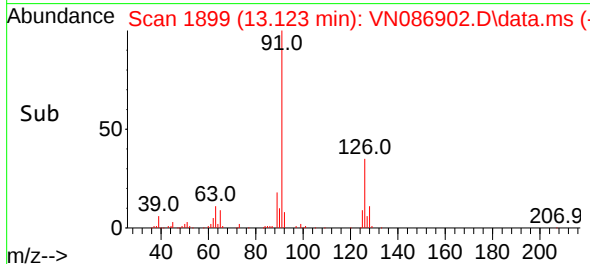
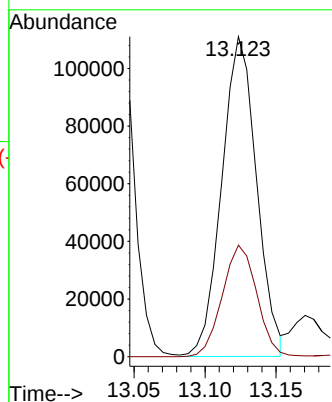
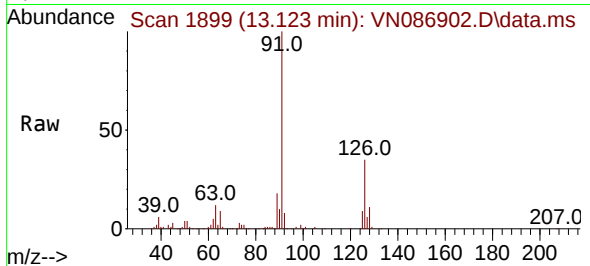




#79
2-Chlorotoluene
Concen: 19.460 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

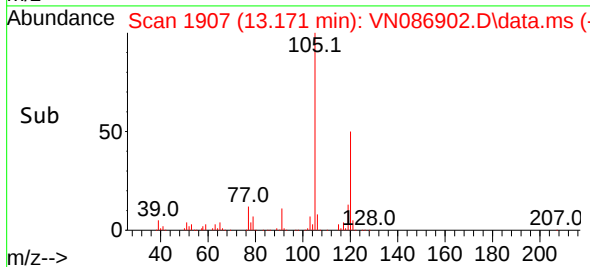
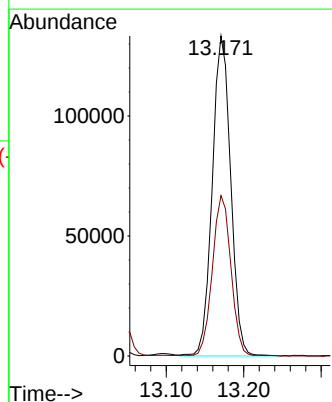
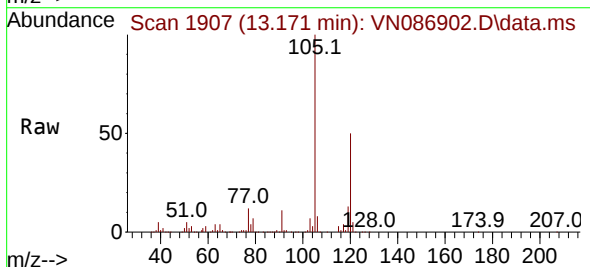
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 189034
Ion Ratio Lower Upper
91 100
126 34.6 16.2 48.5



#80
1,3,5-Trimethylbenzene
Concen: 19.996 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

Tgt Ion: 105 Resp: 220034
Ion Ratio Lower Upper
105 100
120 50.6 24.9 74.6

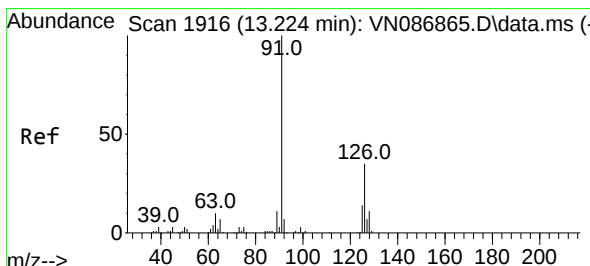
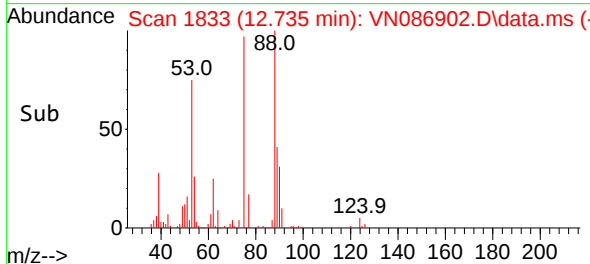
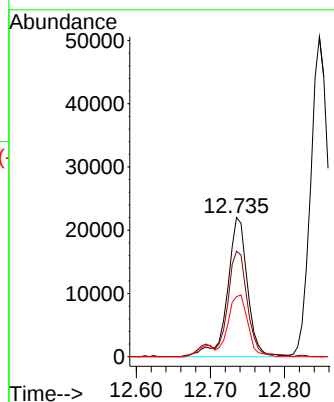
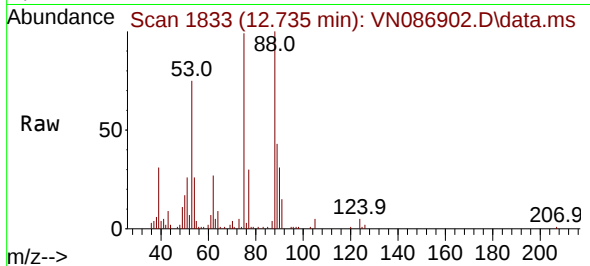




#81
trans-1,4-Dichloro-2-butene
Concen: 21.803 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

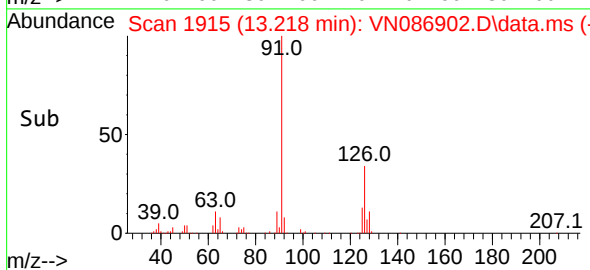
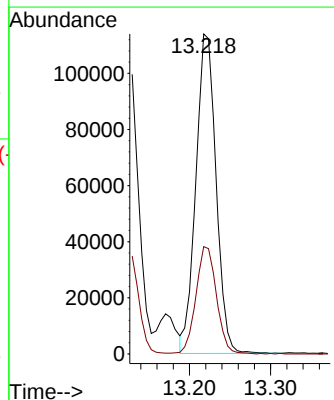
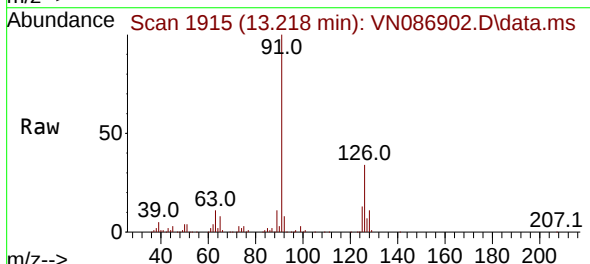
Instrument :
MSVOA_N
ClientSampleId :

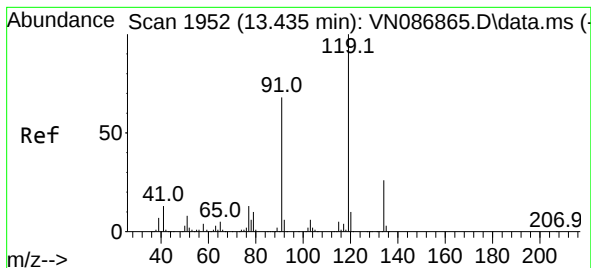
Tgt Ion: 75 Resp: 41191
Ion Ratio Lower Upper
75 100
53 73.8 66.6 99.8
89 44.0 36.7 55.1



#82
4-Chlorotoluene
Concen: 20.042 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

Tgt Ion: 91 Resp: 196983
Ion Ratio Lower Upper
91 100
126 34.2 16.7 50.1





#83

tert-Butylbenzene

Concen: 19.116 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN086902.D

Acq: 09 Jun 2025 14:04

Instrument :

MSVOA_N

ClientSampleId :

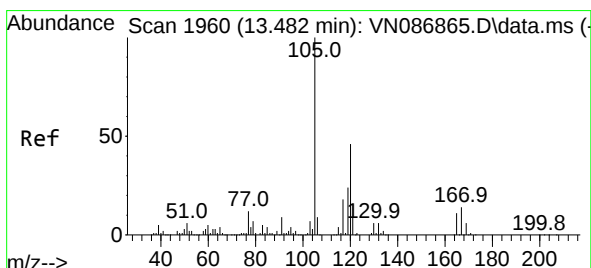
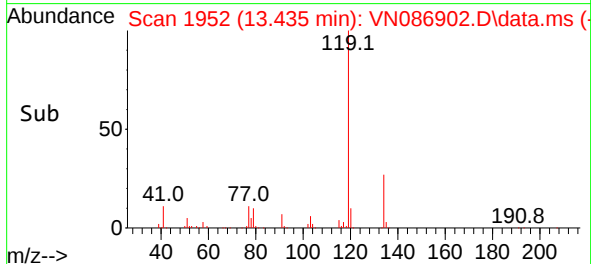
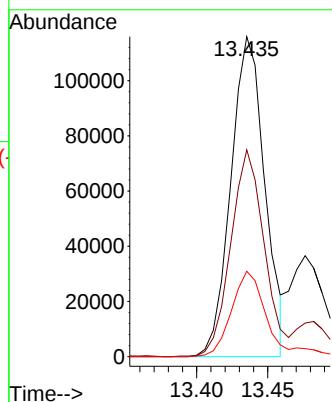
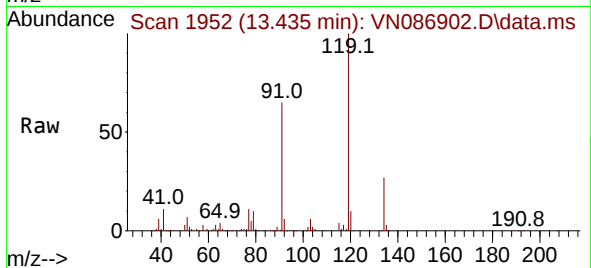
Tgt Ion:119 Resp: 192556

Ion Ratio Lower Upper

119 100

91 64.0 32.1 96.5

134 28.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.978 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN086902.D

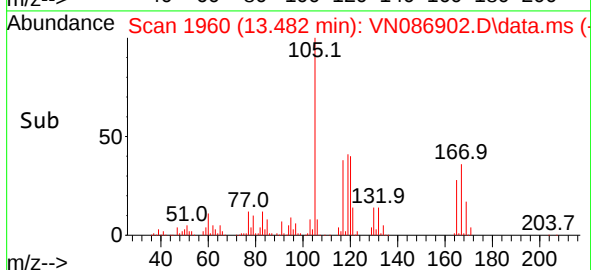
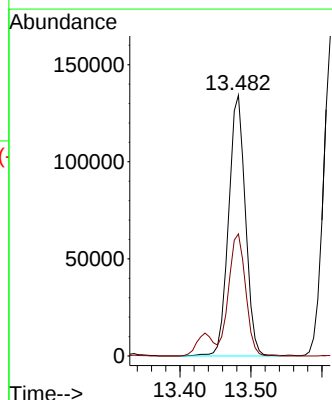
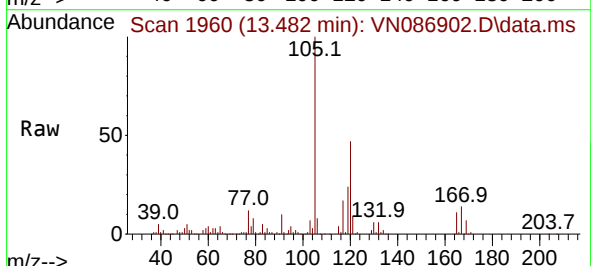
Acq: 09 Jun 2025 14:04

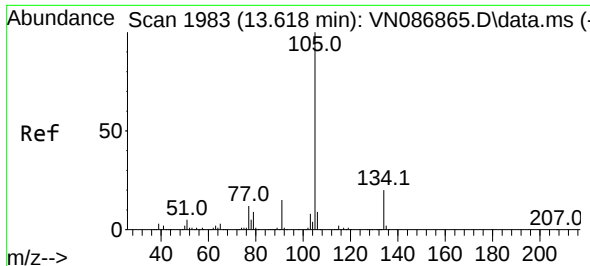
Tgt Ion:105 Resp: 220449

Ion Ratio Lower Upper

105 100

120 47.1 23.2 69.6

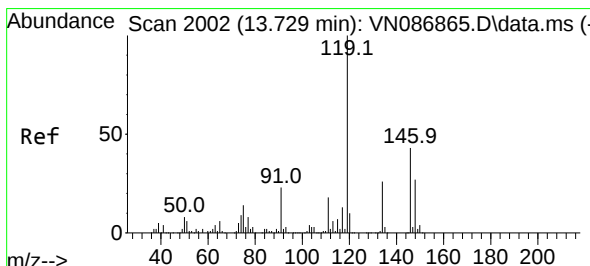
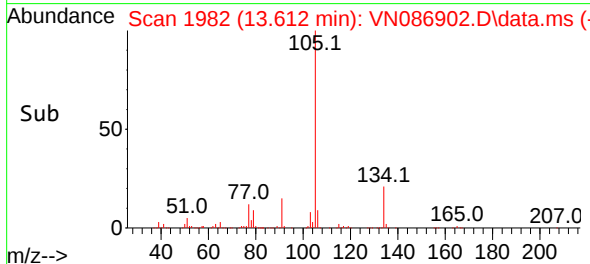
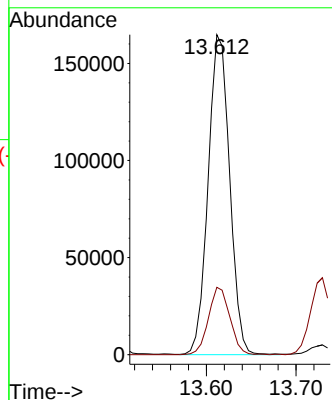
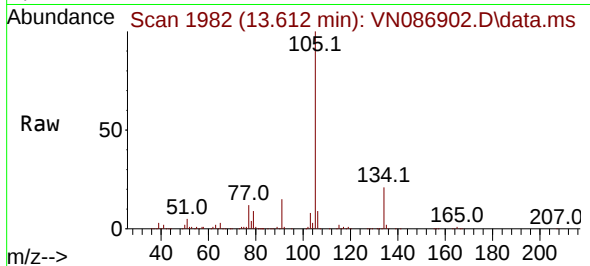




#85
 sec-Butylbenzene
 Concen: 18.777 ug/l
 RT: 13.612 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN086902.D
 Acq: 09 Jun 2025 14:04

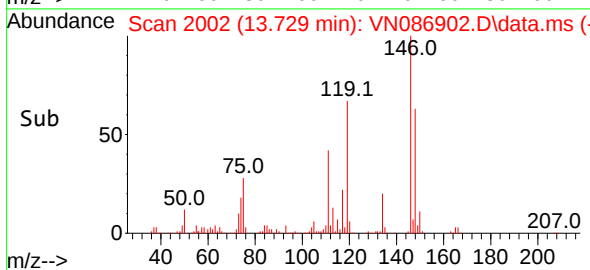
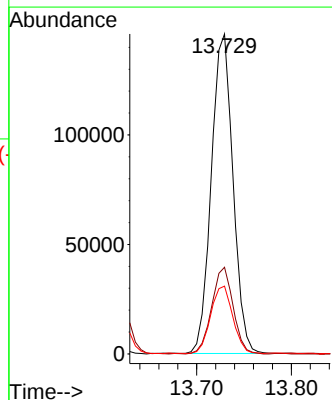
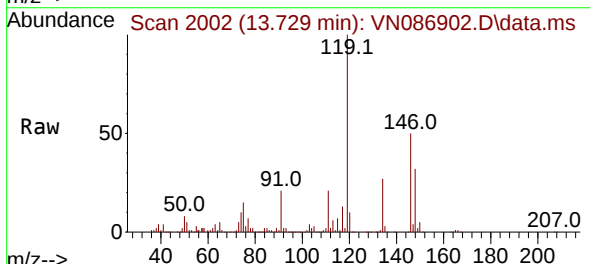
Instrument :
 MSVOA_N
 ClientSampleId :

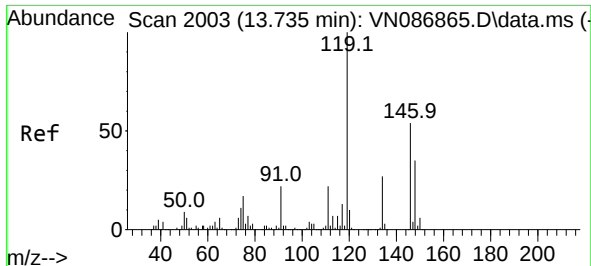
Tgt Ion:105 Resp: 274677
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 19.165 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086902.D
 Acq: 09 Jun 2025 14:04

Tgt Ion:119 Resp: 231742
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.5 40.4
 91 21.5 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 20.642 ug/l

RT: 13.729 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN086902.D

Acq: 09 Jun 2025 14:04

Instrument :

MSVOA_N

ClientSampleId :

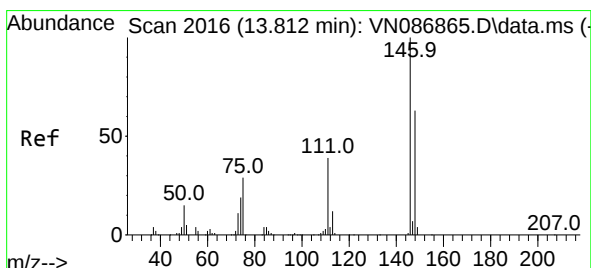
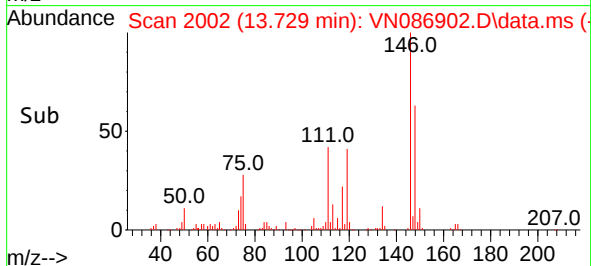
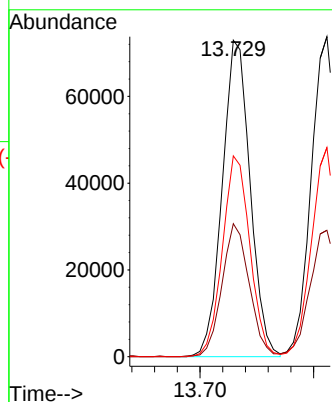
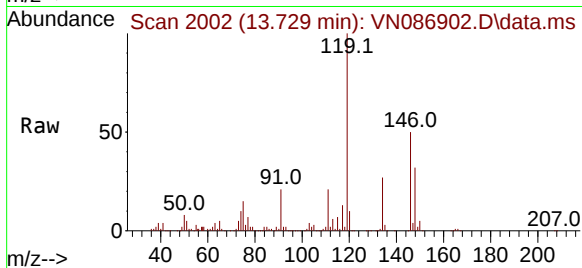
Tgt Ion:146 Resp: 124137

Ion Ratio Lower Upper

146 100

111 41.3 20.9 62.8

148 62.7 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 20.656 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN086902.D

Acq: 09 Jun 2025 14:04

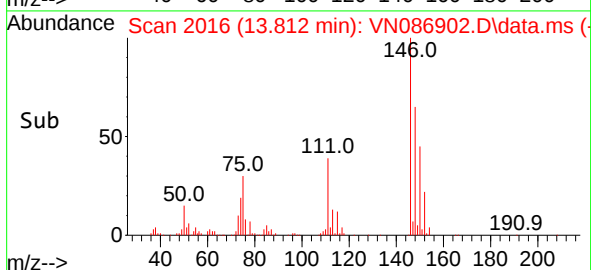
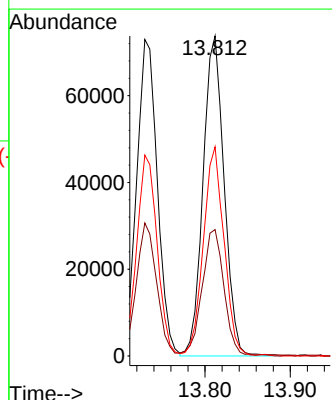
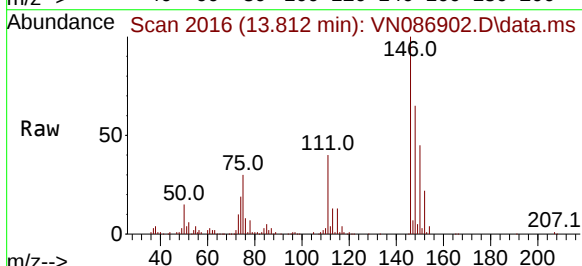
Tgt Ion:146 Resp: 126650

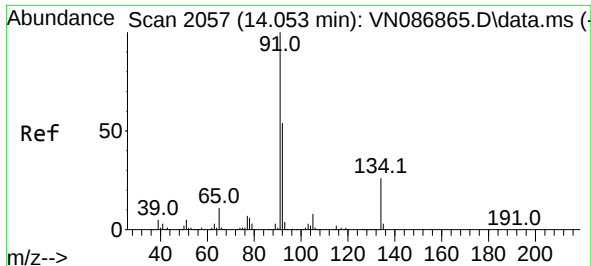
Ion Ratio Lower Upper

146 100

111 40.4 19.9 59.7

148 63.6 31.8 95.4

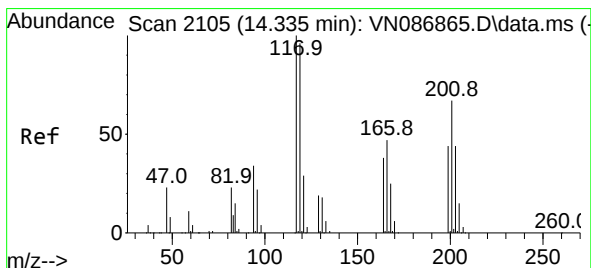
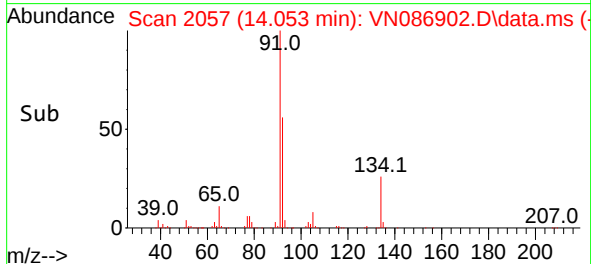
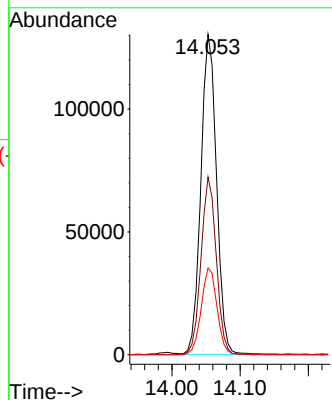
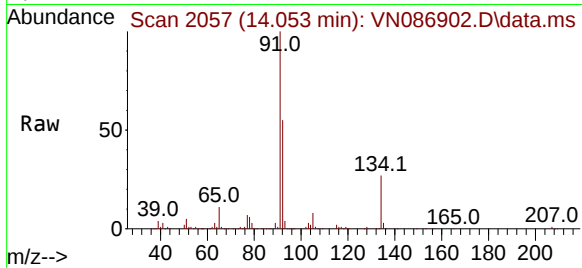




#89
n-Butylbenzene
Concen: 17.715 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

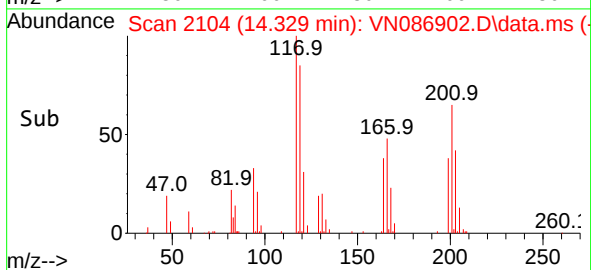
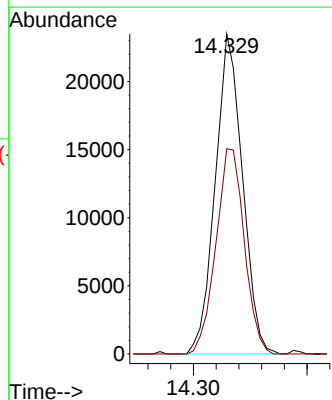
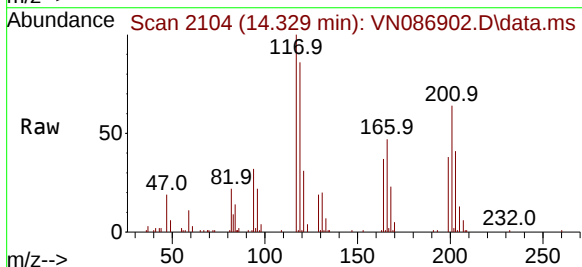
Instrument :
MSVOA_N
ClientSampleId :

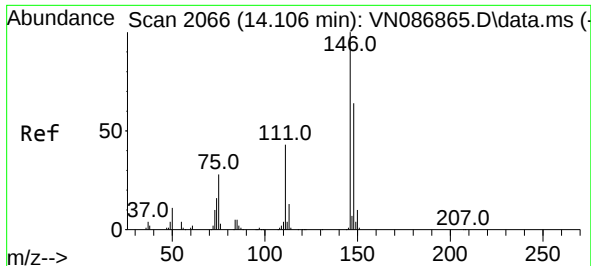
Tgt Ion: 91 Resp: 207489
Ion Ratio Lower Upper
91 100
92 54.2 27.5 82.4
134 27.4 13.0 39.0



#90
Hexachloroethane
Concen: 19.090 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

Tgt Ion: 117 Resp: 39127
Ion Ratio Lower Upper
117 100
201 66.8 33.2 99.6

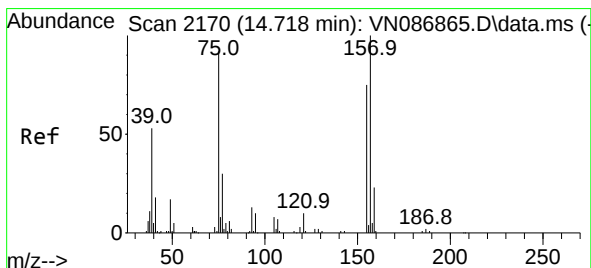
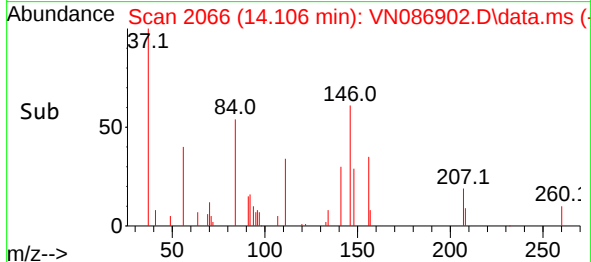
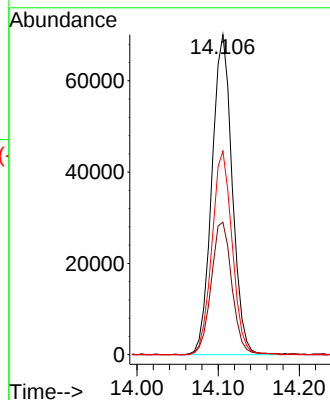
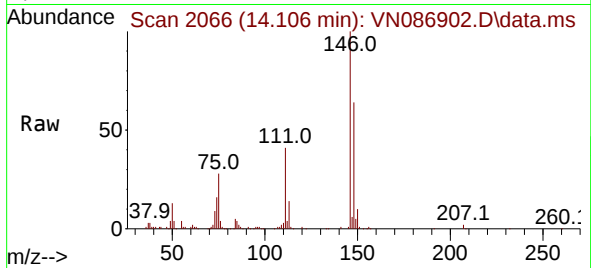




#91
 1,2-Dichlorobenzene
 Concen: 21.105 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. -0.000 min
 Lab File: VN086902.D
 Acq: 09 Jun 2025 14:04

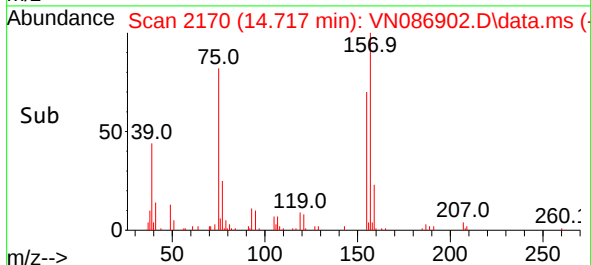
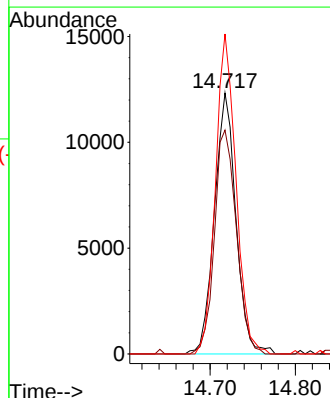
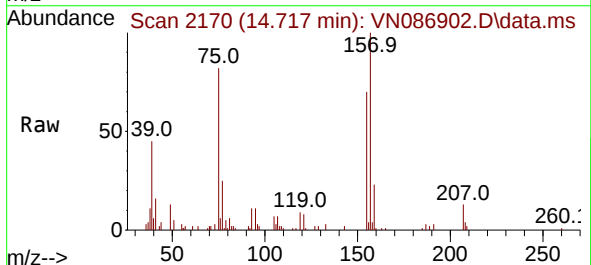
Instrument :
 MSVOA_N
 ClientSampleId :

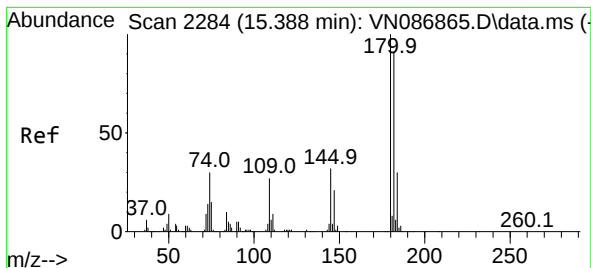
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.6	64.6
148	63.4	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.059 ug/l
 RT: 14.717 min Scan# 2170
 Delta R.T. -0.000 min
 Lab File: VN086902.D
 Acq: 09 Jun 2025 14:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.3	41.1	123.4
157	116.4	52.7	158.1





#93

1,2,4-Trichlorobenzene

Concen: 19.028 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086902.D

Acq: 09 Jun 2025 14:04

Instrument :

MSVOA_N

ClientSampleId :

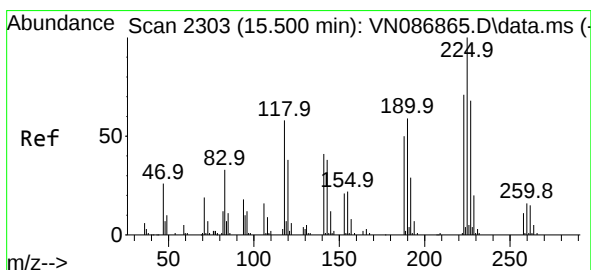
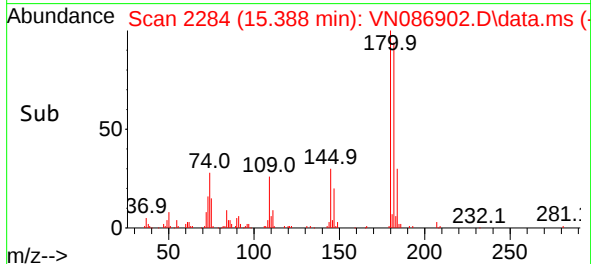
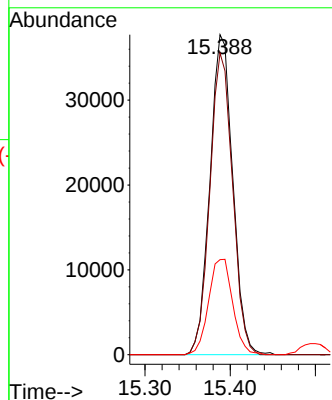
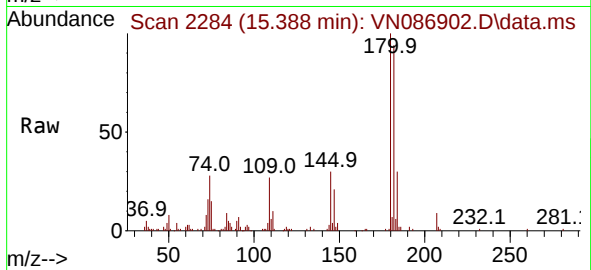
Tgt Ion:180 Resp: 70202

Ion Ratio Lower Upper

180 100

182 93.5 46.9 140.7

145 31.5 16.0 47.9



#94

Hexachlorobutadiene

Concen: 17.589 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN086902.D

Acq: 09 Jun 2025 14:04

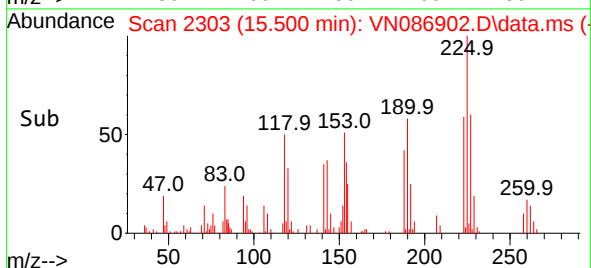
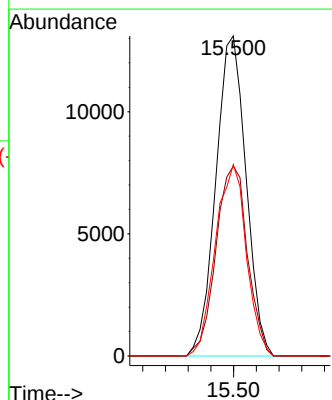
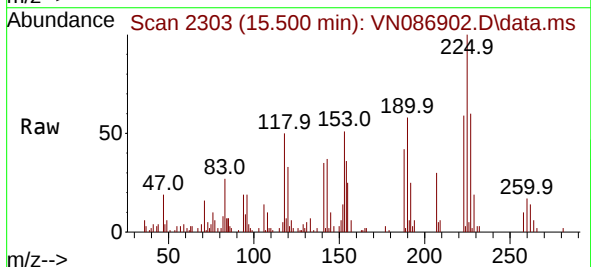
Tgt Ion:225 Resp: 24178

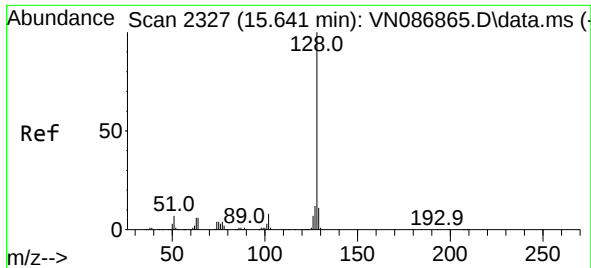
Ion Ratio Lower Upper

225 100

223 62.1 33.5 100.4

227 61.2 31.1 93.5

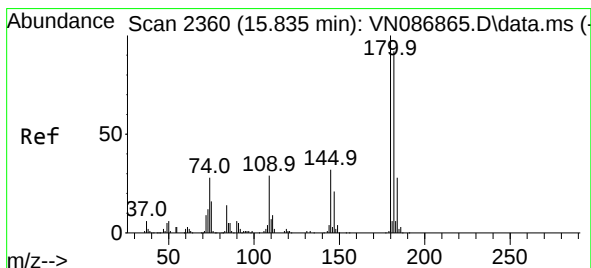
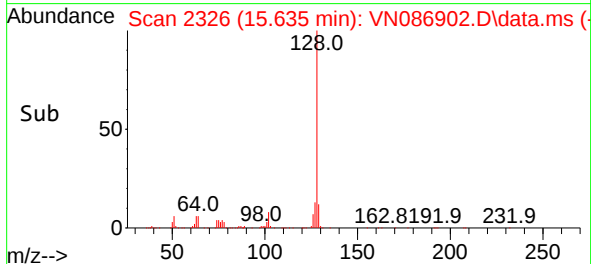
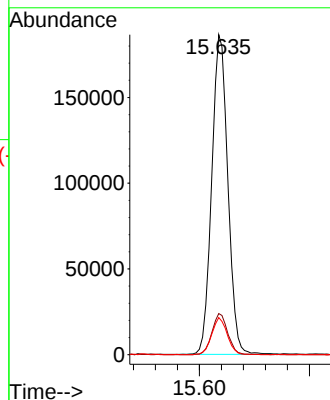
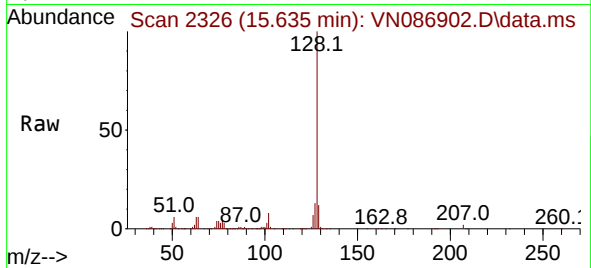




#95
Naphthalene
Concen: 27.638 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 379545
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 17.840 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086902.D
Acq: 09 Jun 2025 14:04

Tgt Ion:180 Resp: 65394
Ion Ratio Lower Upper
180 100
182 94.6 47.0 141.0
145 34.9 16.6 49.8

