

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020725\
 Data File : VN085716.D
 Acq On : 07 Feb 2025 23:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 08 00:45:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	211369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	359666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	323818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	163913	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	163408	47.893	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.780%
35) Dibromofluoromethane	8.159	113	132414	53.068	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.140%
50) Toluene-d8	10.565	98	472426	53.289	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.580%
62) 4-Bromofluorobenzene	12.847	95	165952	54.722	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.440%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	175501	61.324	ug/l	99
3) Chloromethane	2.359	50	175072	56.500	ug/l	97
4) Vinyl Chloride	2.512	62	184085	59.105	ug/l	98
5) Bromomethane	2.942	94	106570	56.646	ug/l	96
6) Chloroethane	3.112	64	115380	58.432	ug/l	99
7) Trichlorofluoromethane	3.495	101	250257	55.377	ug/l	98
8) Diethyl Ether	3.959	74	84213	53.941	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.365	101	138814	54.536	ug/l	99
10) Methyl Iodide	4.589	142	181877	62.396	ug/l	99
11) Tert butyl alcohol	5.512	59	105821	270.858	ug/l	100
12) 1,1-Dichloroethene	4.342	96	132068	58.219	ug/l	90
13) Acrolein	4.177	56	102588	192.355	ug/l	100
14) Allyl chloride	5.018	41	176801	48.030	ug/l	93
15) Acrylonitrile	5.712	53	345458	278.381	ug/l	99
16) Acetone	4.424	43	274935	249.391	ug/l	96
17) Carbon Disulfide	4.706	76	391207	56.010	ug/l	98
18) Methyl Acetate	5.018	43	173984	51.900	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	429778	58.347	ug/l	99
20) Methylene Chloride	5.271	84	156873	57.481	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	142160	58.639	ug/l	99
22) Diisopropyl ether	6.671	45	434448	53.174	ug/l	97
23) Vinyl Acetate	6.600	43	1608958	281.395	ug/l	97
24) 1,1-Dichloroethane	6.565	63	272540	54.706	ug/l	99
25) 2-Butanone	7.477	43	431668	266.081	ug/l	94
26) 2,2-Dichloropropane	7.488	77	199748	49.592	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	163609	57.297	ug/l	93
28) Bromochloromethane	7.812	49	99190	42.796	ug/l	92
29) Tetrahydrofuran	7.835	42	289345	281.312	ug/l	93
30) Chloroform	7.965	83	282209	54.809	ug/l	99
31) Cyclohexane	8.253	56	214482	49.533	ug/l	93
32) 1,1,1-Trichloroethane	8.165	97	246426	54.561	ug/l	95
36) 1,1-Dichloropropene	8.371	75	193633	55.293	ug/l	99
37) Ethyl Acetate	7.553	43	180530	51.073	ug/l	98
38) Carbon Tetrachloride	8.359	117	219326	54.706	ug/l	99
39) Methylcyclohexane	9.600	83	184466	56.055	ug/l	97
40) Benzene	8.600	78	604456	57.446	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	95133	51.731	ug/l	93
42) 1,2-Dichloroethane	8.665	62	210124	53.022	ug/l	98
43) Isopropyl Acetate	8.682	43	346362	61.153	ug/l	97
44) Trichloroethene	9.347	130	135613	55.367	ug/l	97
45) 1,2-Dichloropropane	9.618	63	148182	55.134	ug/l	98
46) Dibromomethane	9.706	93	107462	55.412	ug/l	97
47) Bromodichloromethane	9.882	83	223183	56.488	ug/l	97
48) Methyl methacrylate	9.677	41	140020	54.934	ug/l	93
49) 1,4-Dioxane	9.688	88	50328	1172.532	ug/l #	93
51) 4-Methyl-2-Pentanone	10.441	43	915575	278.573	ug/l	95
52) Toluene	10.624	92	371724	60.970	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	212449	56.899	ug/l	98
54) cis-1,3-Dichloropropene	10.306	75	227067	56.933	ug/l	92
55) 1,1,2-Trichloroethane	11.012	97	140596	58.271	ug/l	96
56) Ethyl methacrylate	10.871	69	212642	52.228	ug/l	92
57) 1,3-Dichloropropane	11.159	76	244392	58.253	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	499349	326.128	ug/l	99
59) 2-Hexanone	11.194	43	668105	288.898	ug/l	94
60) Dibromochloromethane	11.359	129	169051	58.035	ug/l	99
61) 1,2-Dibromoethane	11.465	107	138494	57.665	ug/l	100
64) Tetrachloroethene	11.100	164	115333	52.244	ug/l	98
65) Chlorobenzene	11.888	112	397614	56.051	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	144820	55.624	ug/l	99
67) Ethyl Benzene	11.959	91	691359	59.837	ug/l	98
68) m/p-Xylenes	12.065	106	535171	125.329	ug/l	99
69) o-Xylene	12.394	106	253754	62.182	ug/l	98
70) Styrene	12.406	104	436579	64.643	ug/l	98
71) Bromoform	12.576	173	111813	60.021	ug/l #	100
73) Isopropylbenzene	12.694	105	628467	56.809	ug/l	99
74) N-amyl acetate	12.488	43	258259	51.938	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	209999	53.738	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	264418	79.367	ug/l	46
77) Bromobenzene	12.976	156	156340	54.091	ug/l	98
78) n-propylbenzene	13.035	91	749518	57.231	ug/l	99
79) 2-Chlorotoluene	13.123	91	468050	55.221	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	539187	59.006	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	76214	61.893	ug/l #	74
82) 4-Chlorotoluene	13.217	91	470726	55.777	ug/l	98
83) tert-Butylbenzene	13.435	119	431313	56.206	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	544289	59.763	ug/l	99
85) sec-Butylbenzene	13.612	105	605891	56.968	ug/l	100
86) p-Isopropyltoluene	13.723	119	503476	52.277	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	291562	54.776	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	288531	52.297	ug/l	98
89) n-Butylbenzene	14.053	91	409647	53.689	ug/l	99
90) Hexachloroethane	14.329	117	101925	50.341	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	281875	53.090	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	37548	52.618	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	128999	52.276	ug/l	99
94) Hexachlorobutadiene	15.500	225	61760	47.141	ug/l	98
95) Naphthalene	15.635	128	401209	54.486	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	125699	50.342	ug/l	98

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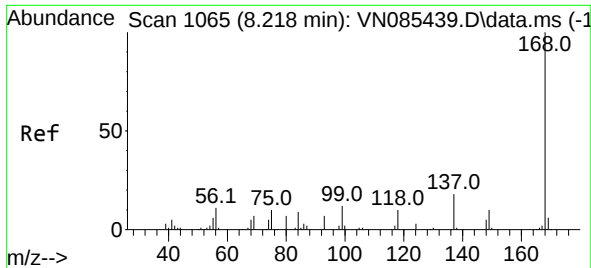
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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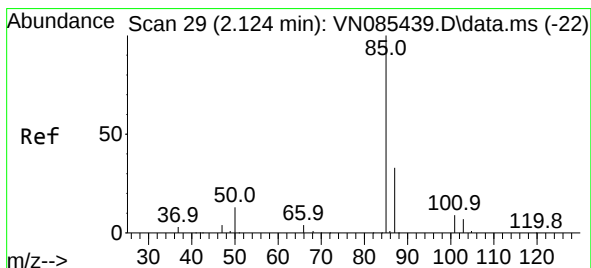
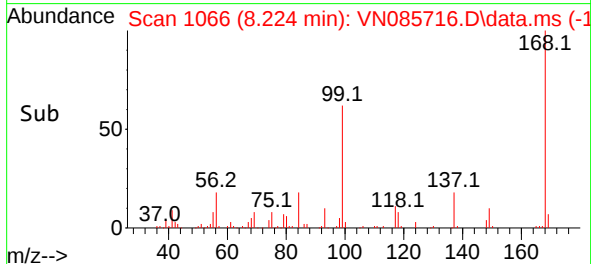
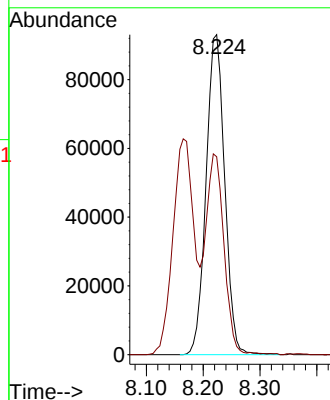
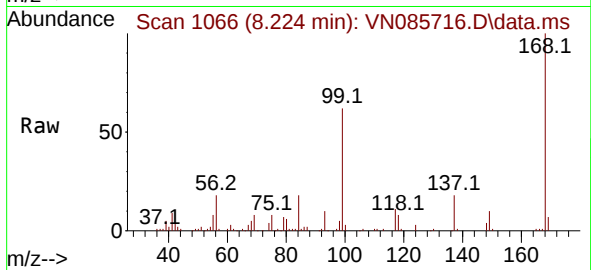




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085716.D
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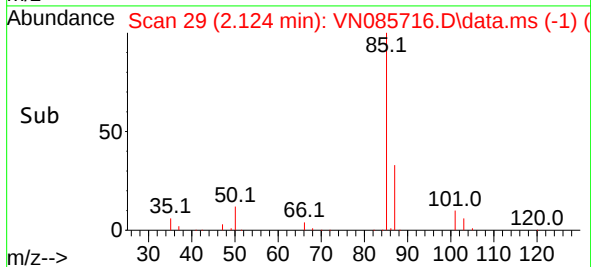
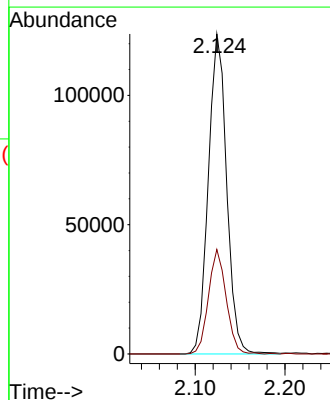
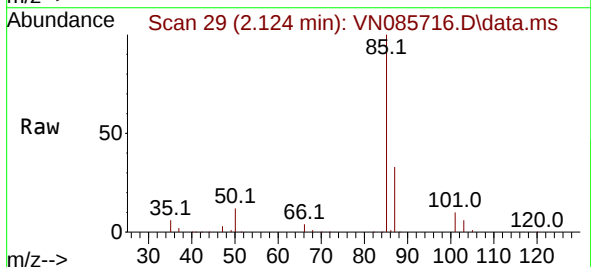
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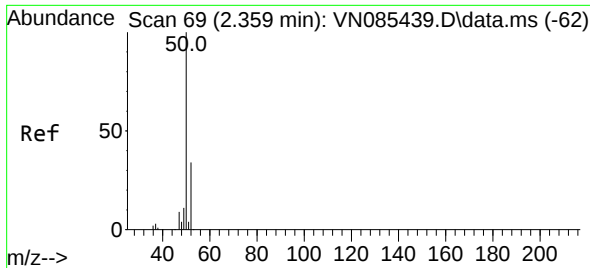
Tgt Ion:168 Resp: 211369
Ion Ratio Lower Upper
168 100
99 61.8 53.6 80.4



#2
Dichlorodifluoromethane
Concen: 61.324 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

Tgt Ion: 85 Resp: 175501
Ion Ratio Lower Upper
85 100
87 32.7 16.7 50.1

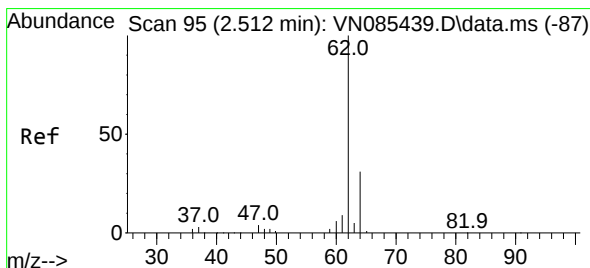
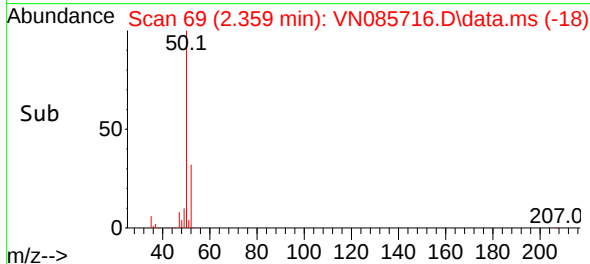
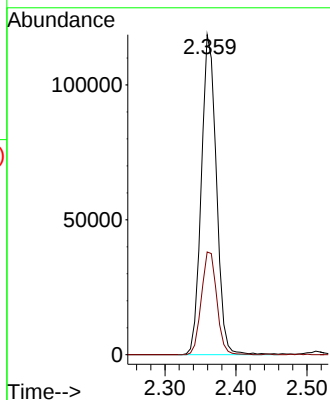
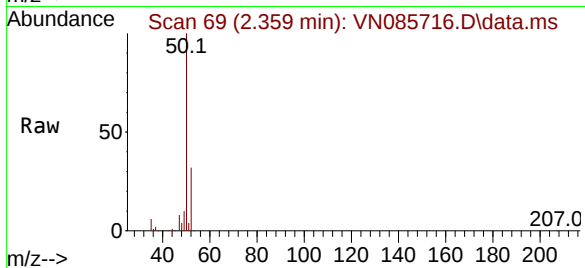




#3
Chloromethane
Concen: 56.500 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

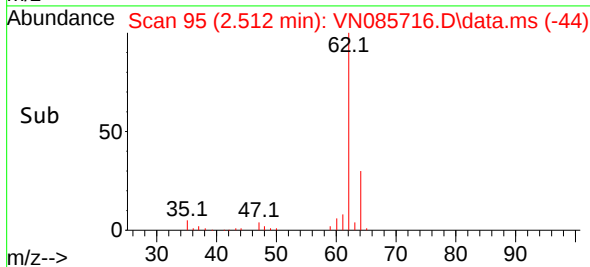
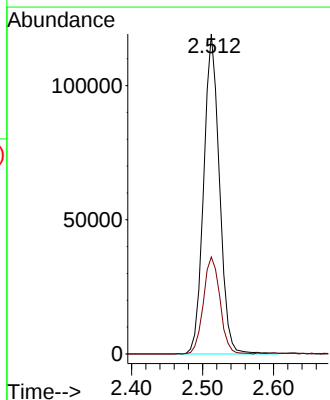
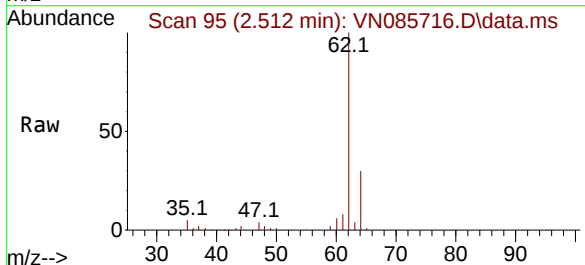
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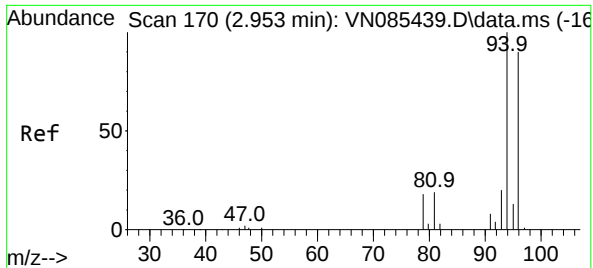
Tgt Ion: 50 Resp: 175072
Ion Ratio Lower Upper
50 100
52 32.1 27.0 40.6



#4
Vinyl Chloride
Concen: 59.105 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

Tgt Ion: 62 Resp: 184085
Ion Ratio Lower Upper
62 100
64 30.2 24.8 37.2

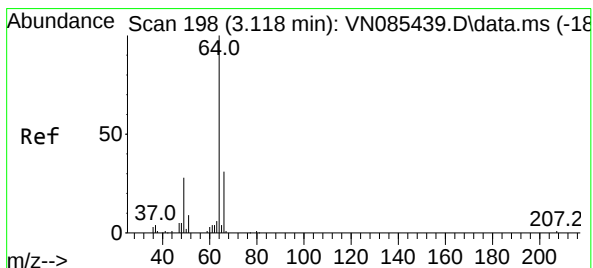
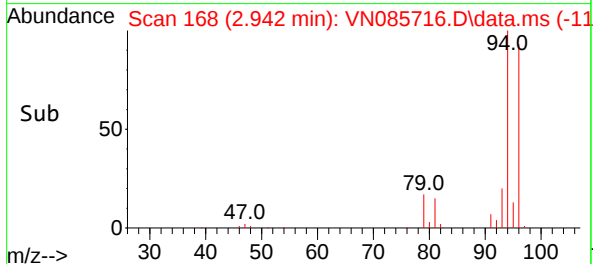
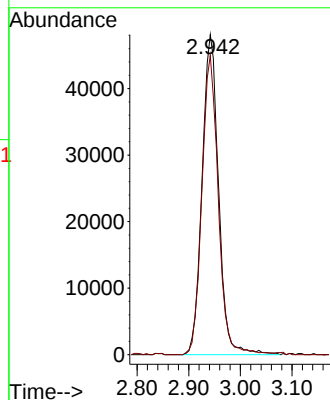
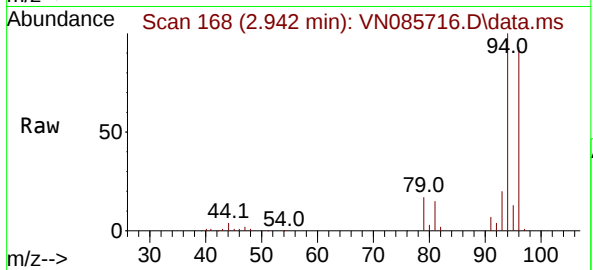




#5
Bromomethane
Concen: 56.646 ug/l
RT: 2.942 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

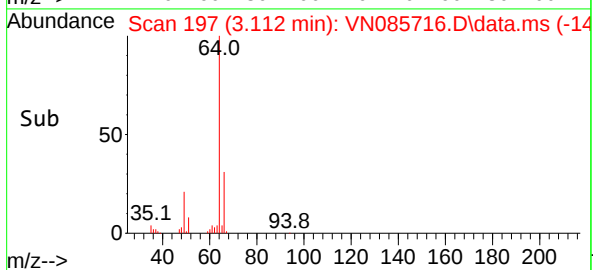
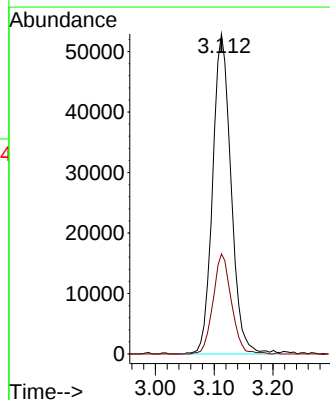
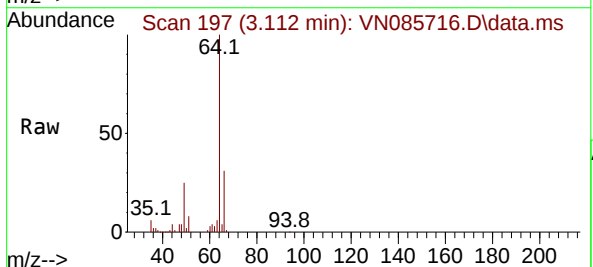
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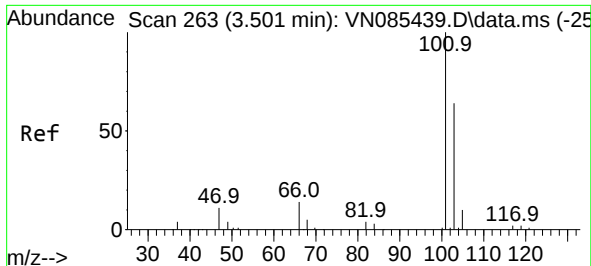
Tgt Ion: 94 Resp: 106570
Ion Ratio Lower Upper
94 100
96 93.5 71.8 107.6



#6
Chloroethane
Concen: 58.432 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

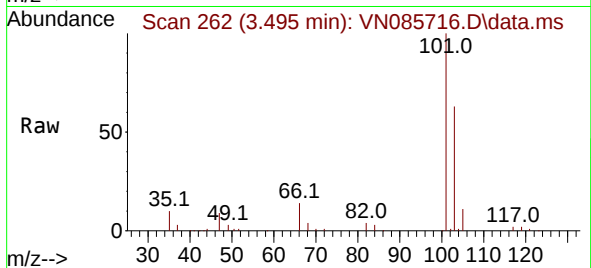
Tgt Ion: 64 Resp: 115380
Ion Ratio Lower Upper
64 100
66 31.3 24.6 36.8



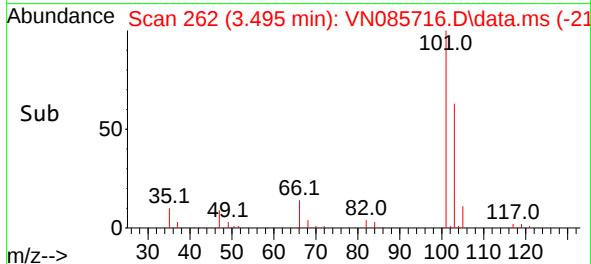
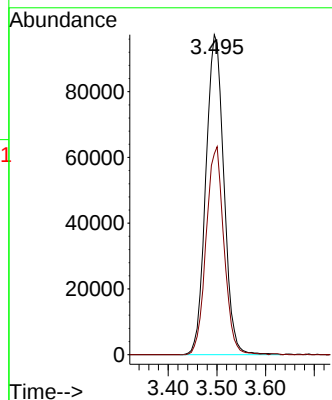


#7
 Trichlorofluoromethane
 Concen: 55.377 ug/l
 RT: 3.495 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VN085716.D
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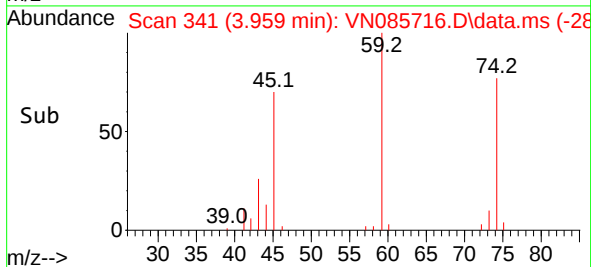
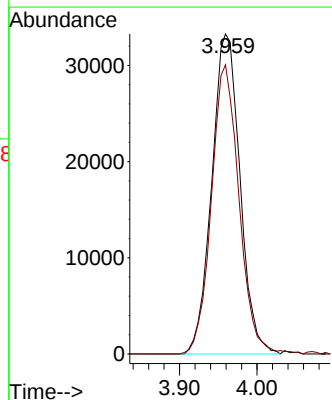
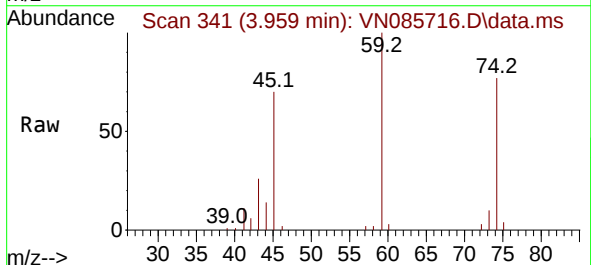


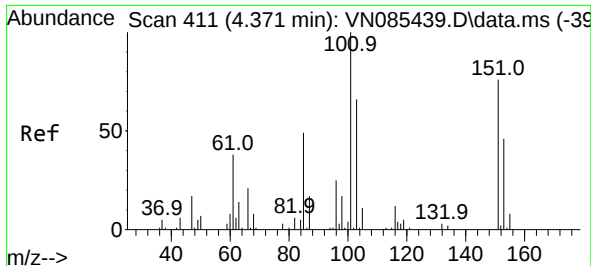
Tgt Ion:101 Resp: 250257
 Ion Ratio Lower Upper
 101 100
 103 62.8 51.4 77.2



#8
 Diethyl Ether
 Concen: 53.941 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN085716.D
 Acq: 07 Feb 2025 23:06

Tgt Ion: 74 Resp: 84213
 Ion Ratio Lower Upper
 74 100
 45 88.4 49.7 149.1

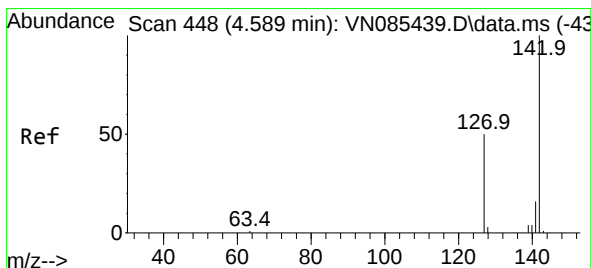
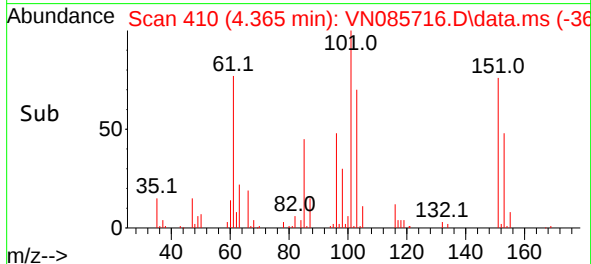
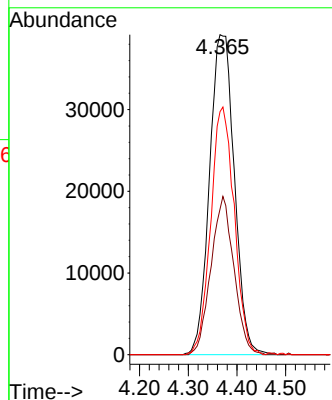
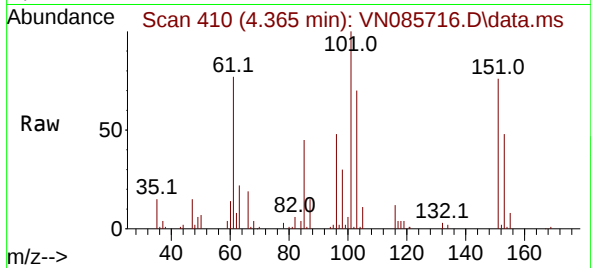




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.536 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN085716.D
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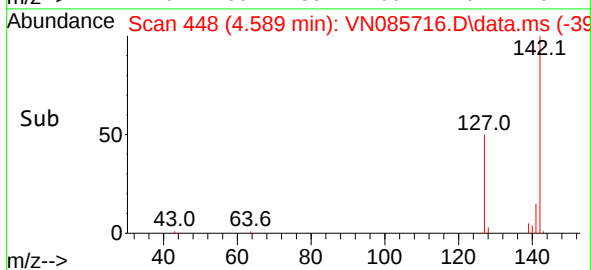
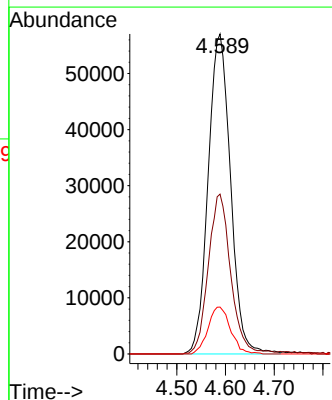
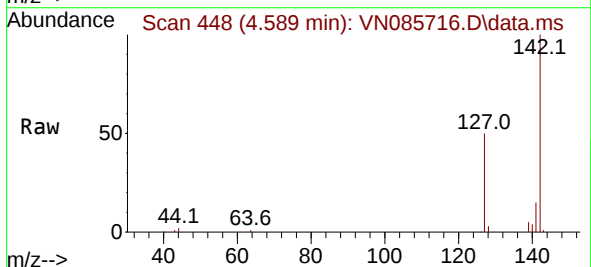
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MSVOA_N
ClientSampleId :

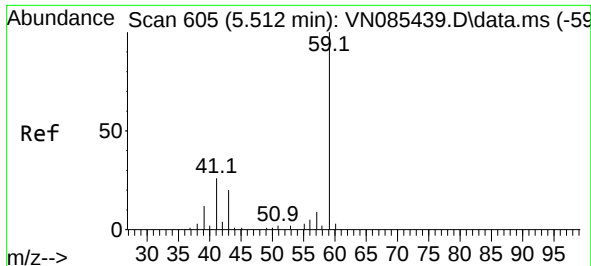
Tgt Ion:101 Resp: 138814
Ion Ratio Lower Upper
101 100
85 45.7 37.8 56.8
151 73.3 58.8 88.2



#10
Methyl Iodide
Concen: 62.396 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

Tgt Ion:142 Resp: 181877
Ion Ratio Lower Upper
142 100
127 49.9 40.3 60.5
141 14.7 12.8 19.2

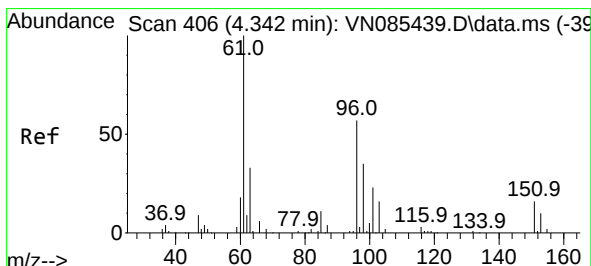
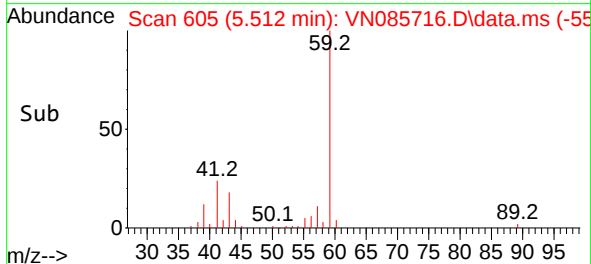
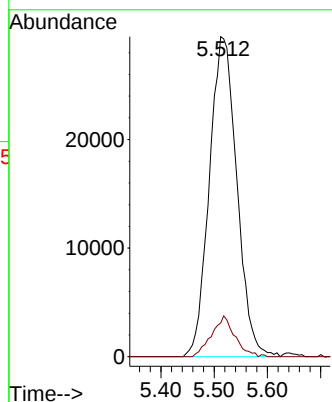
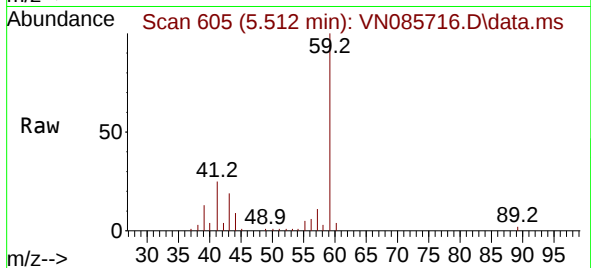




#11
Tert butyl alcohol
Concen: 270.858 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

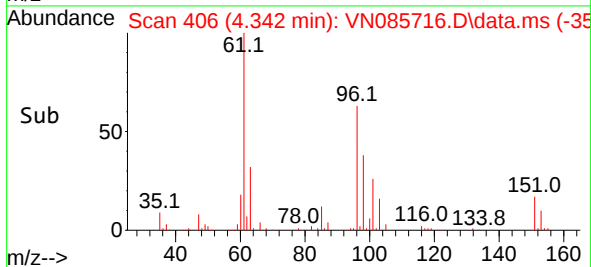
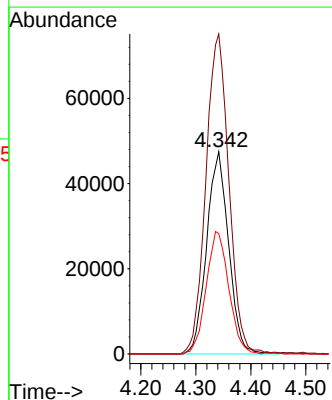
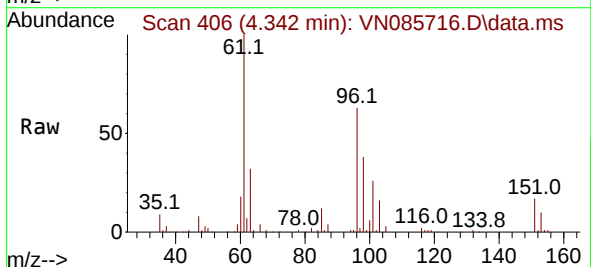
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 59 Resp: 105821
Ion Ratio Lower Upper
59 100
57 10.8 8.6 13.0



#12
1,1-Dichloroethene
Concen: 58.219 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

Tgt Ion: 96 Resp: 132068
Ion Ratio Lower Upper
96 100
61 158.2 141.0 211.4
98 59.6 49.0 73.6





#13

Acrolein

Concen: 192.355 ug/l

RT: 4.177 min Scan# 377

Delta R.T. 0.006 min

Lab File: VN085716.D

Acq: 07 Feb 2025 23:06

Instrument :

MSVOA_N

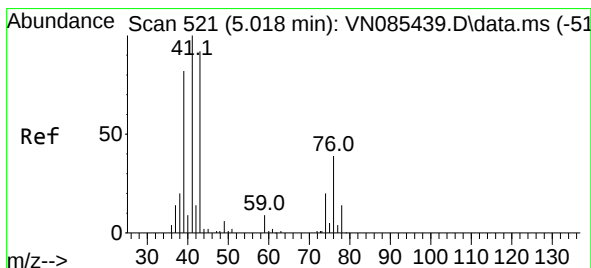
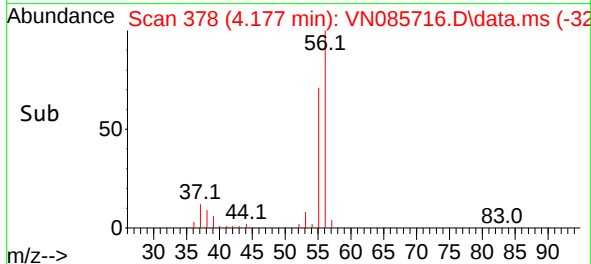
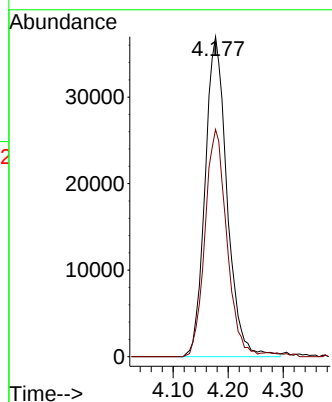
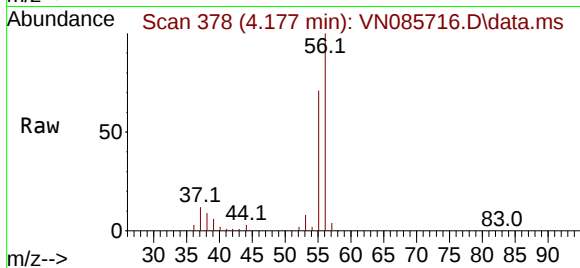
ClientSampleId :

Tgt Ion: 56 Resp: 102588

Ion Ratio Lower Upper

56 100

55 70.6 56.3 84.5



#14

Allyl chloride

Concen: 48.030 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.000 min

Lab File: VN085716.D

Acq: 07 Feb 2025 23:06

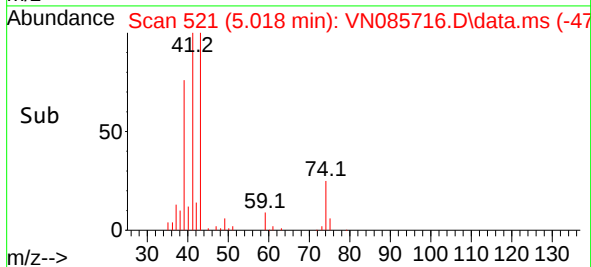
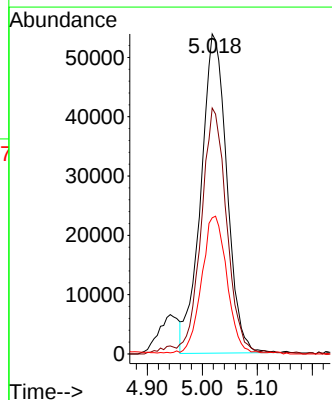
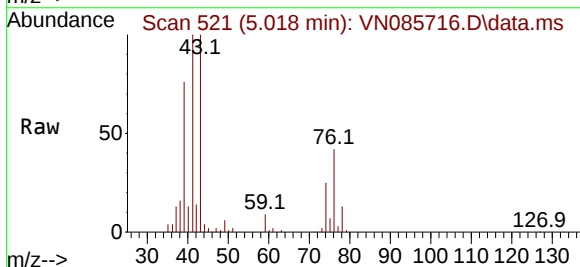
Tgt Ion: 41 Resp: 176801

Ion Ratio Lower Upper

41 100

39 73.8 64.4 96.6

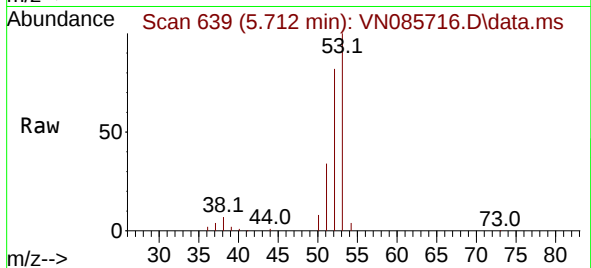
76 41.4 30.5 45.7



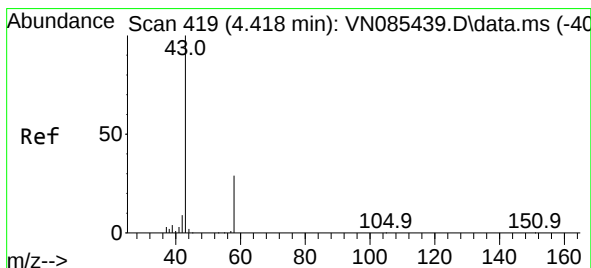
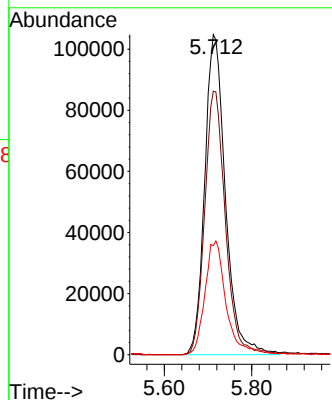
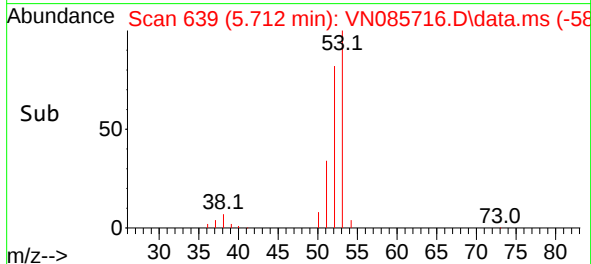


#15
Acrylonitrile
Concen: 278.381 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

Instrument :
MSVOA_N
ClientSampleId :

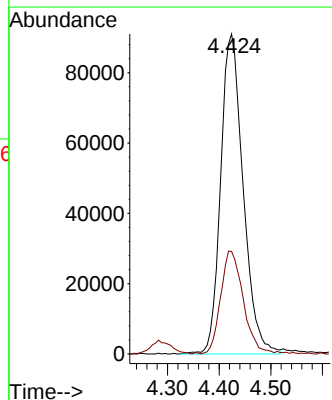
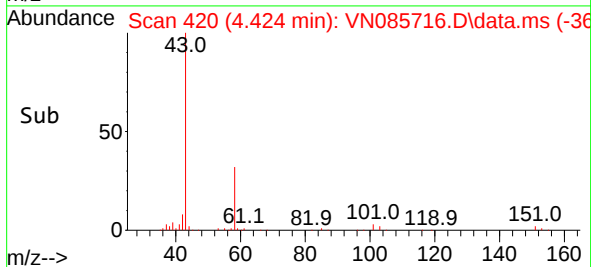
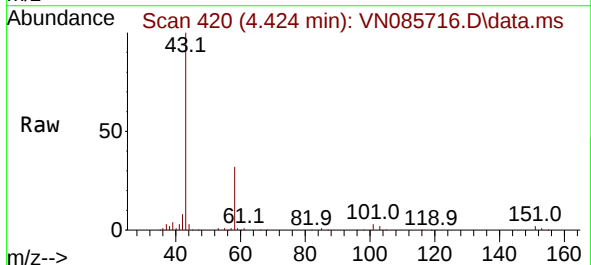


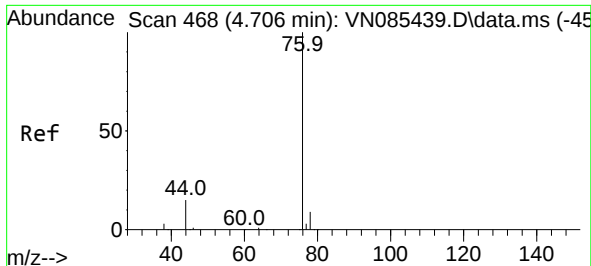
Tgt Ion: 53 Resp: 345458
Ion Ratio Lower Upper
53 100
52 82.0 65.5 98.3
51 36.2 29.8 44.8



#16
Acetone
Concen: 249.391 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

Tgt Ion: 43 Resp: 274935
Ion Ratio Lower Upper
43 100
58 31.6 23.8 35.6

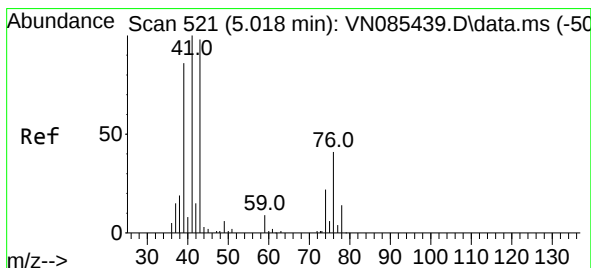
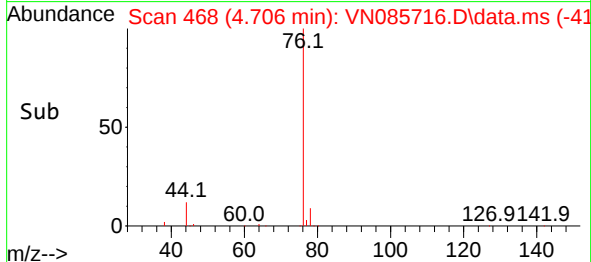
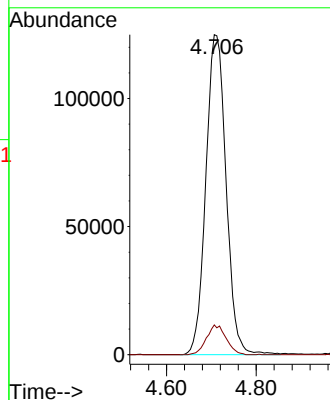
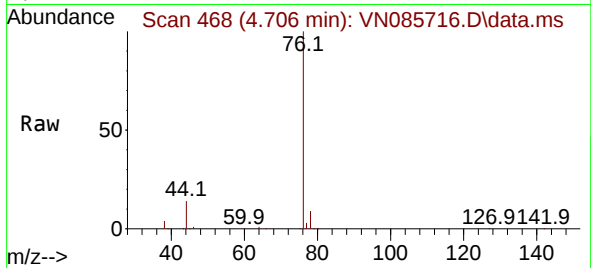




#17
Carbon Disulfide
Concen: 56.010 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

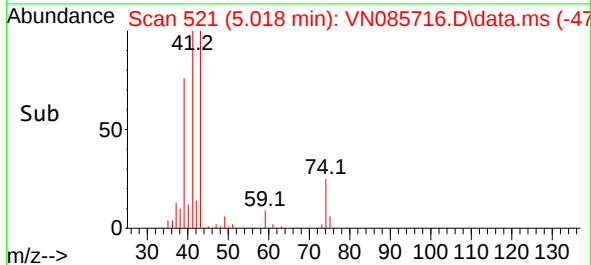
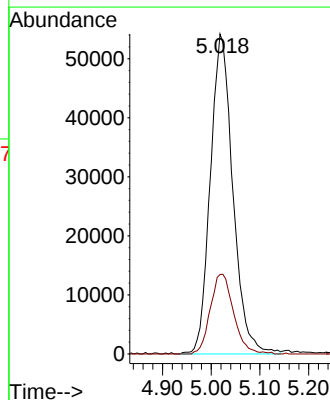
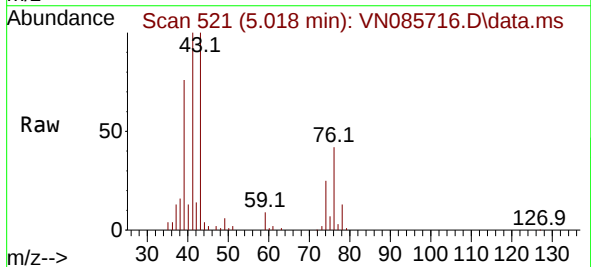
Instrument :
MSVOA_N
ClientSampleId :

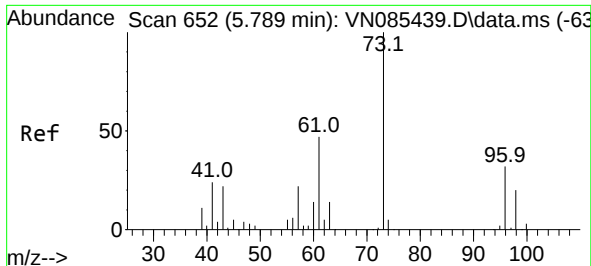
Tgt Ion: 76 Resp: 391207
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3



#18
Methyl Acetate
Concen: 51.900 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

Tgt Ion: 43 Resp: 173984
Ion Ratio Lower Upper
43 100
74 25.8 18.6 28.0

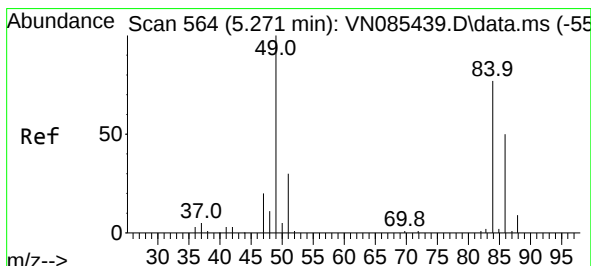
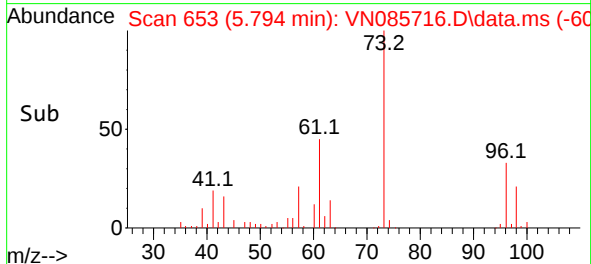
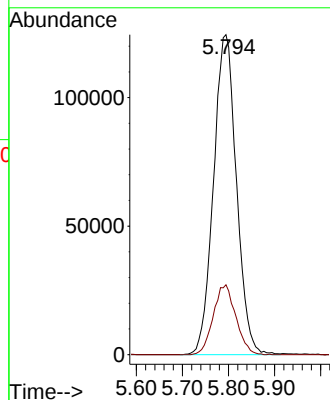
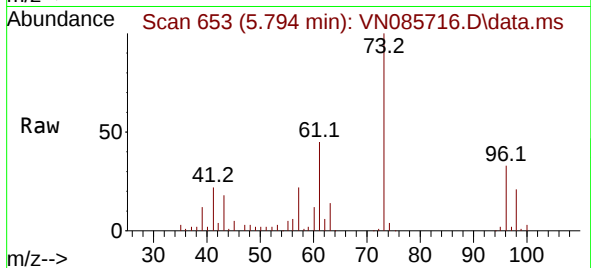




#19
Methyl tert-butyl Ether
Concen: 58.347 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

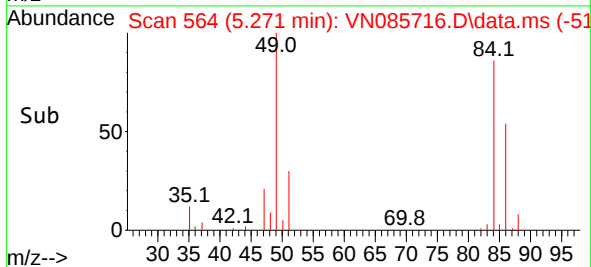
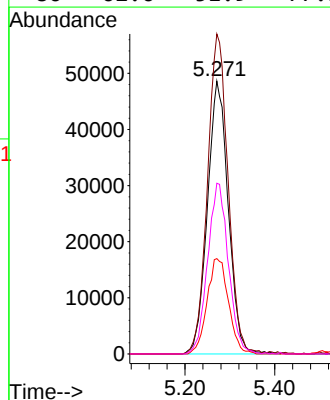
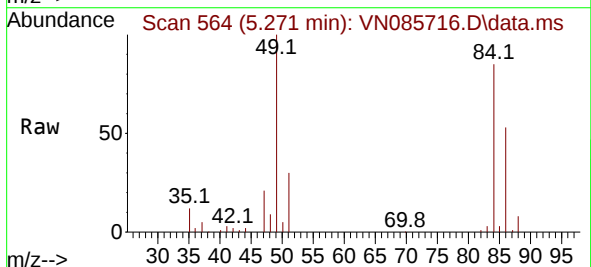
Instrument :
MSVOA_N
ClientSampleId :

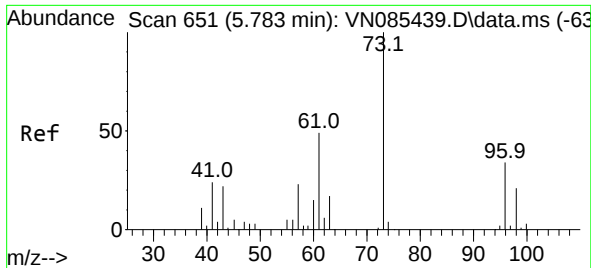
Tgt Ion: 73 Resp: 429778
Ion Ratio Lower Upper
73 100
57 21.8 17.8 26.8



#20
Methylene Chloride
Concen: 57.481 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

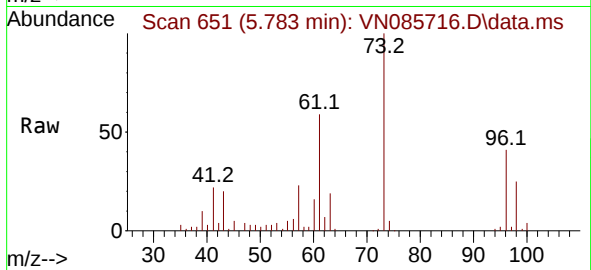
Tgt Ion: 84 Resp: 156873
Ion Ratio Lower Upper
84 100
49 117.3 104.1 156.1
51 35.0 31.0 46.4
86 62.6 51.9 77.9



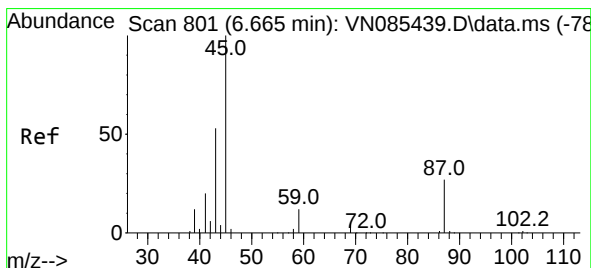
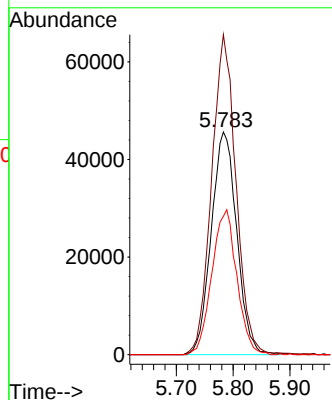
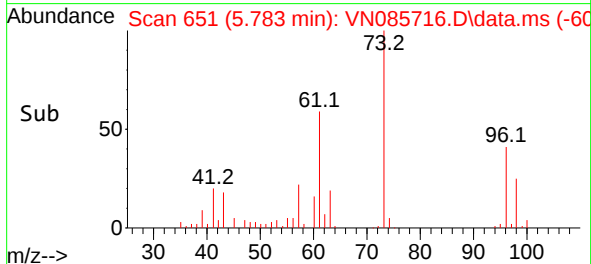


#21
trans-1,2-Dichloroethene
Concen: 58.639 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

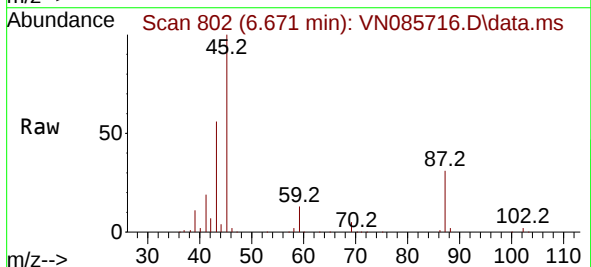
Instrument :
MSVOA_N
ClientSampleId :



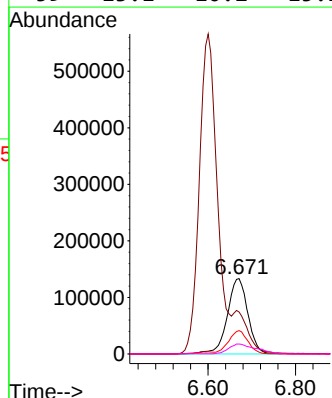
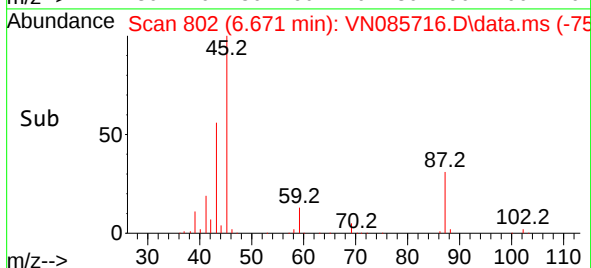
Tgt Ion: 96 Resp: 142160
Ion Ratio Lower Upper
96 100
61 143.6 115.7 173.5
98 62.1 49.8 74.8

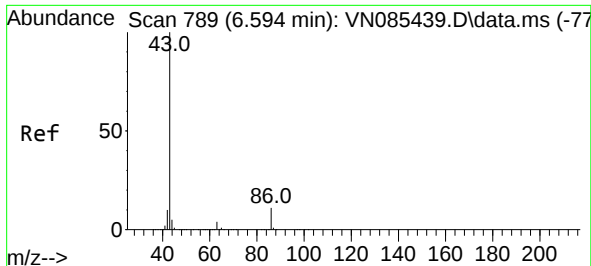


#22
Diisopropyl ether
Concen: 53.174 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06



Tgt Ion: 45 Resp: 434448
Ion Ratio Lower Upper
45 100
43 55.1 45.0 67.6
87 31.0 21.8 32.8
59 13.1 10.2 15.2



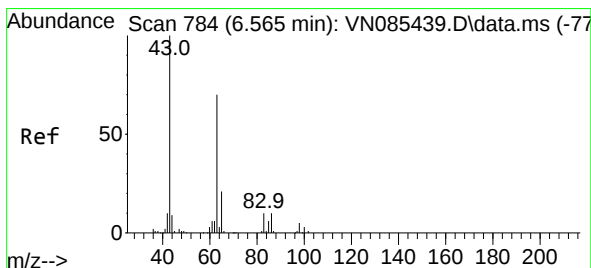
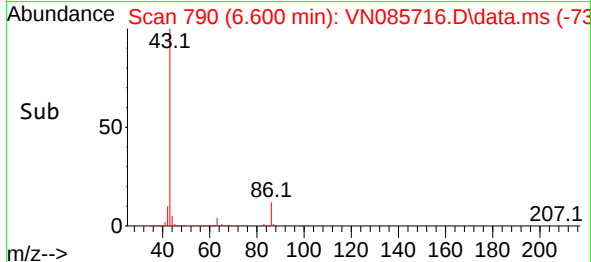
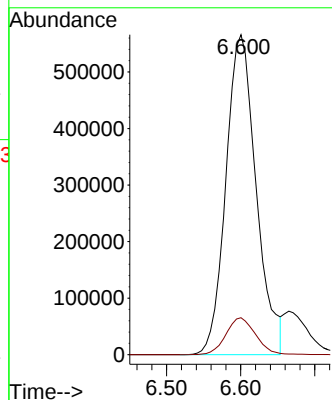
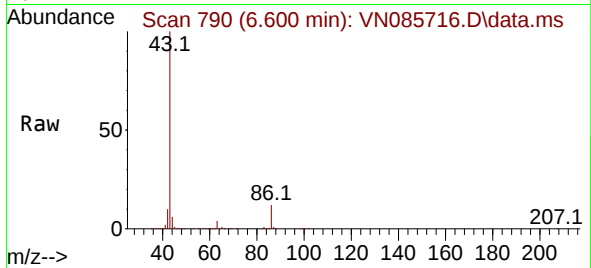


#23
 Vinyl Acetate
 Concen: 281.395 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085716.D
 Acq: 07 Feb 2025 23:06

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 43 Resp: 1608958

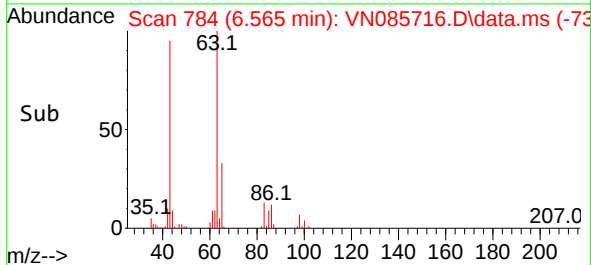
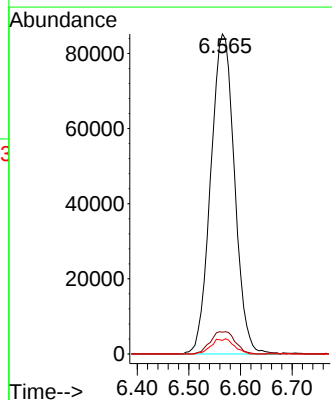
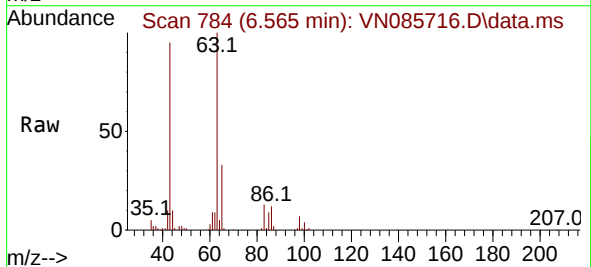
Ion	Ratio	Lower	Upper
43	100		
86	11.6	8.4	12.6



#24
 1,1-Dichloroethane
 Concen: 54.706 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN085716.D
 Acq: 07 Feb 2025 23:06

Tgt Ion: 63 Resp: 272540

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.3	9.8
100	4.3	2.0	6.0

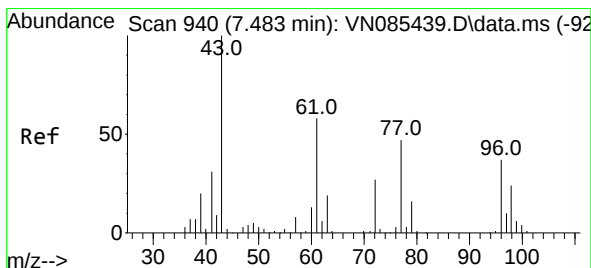
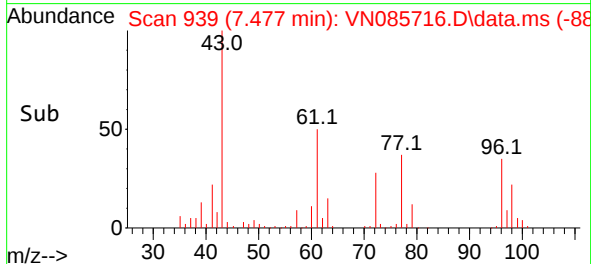
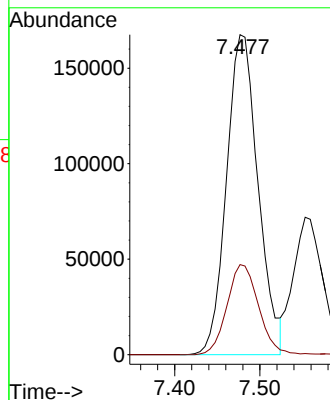
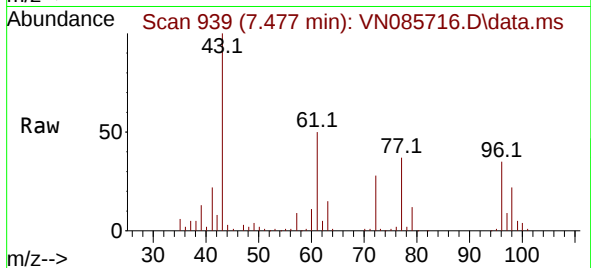




#25
2-Butanone
Concen: 266.081 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

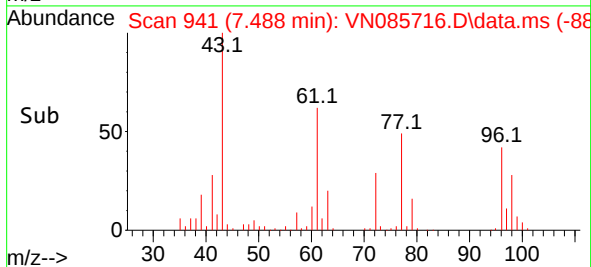
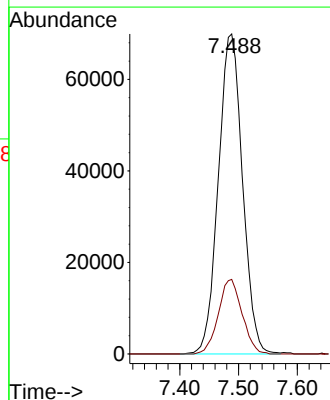
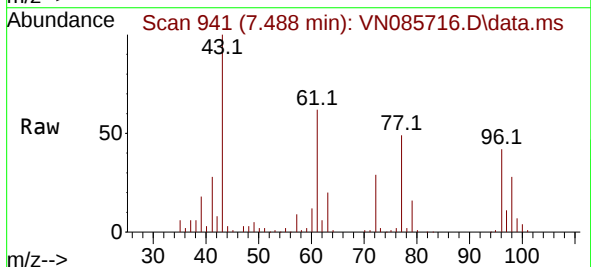
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 431668
Ion Ratio Lower Upper
43 100
72 28.2 20.2 30.4



#26
2,2-Dichloropropane
Concen: 49.592 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

Tgt Ion: 77 Resp: 199748
Ion Ratio Lower Upper
77 100
97 22.9 10.7 32.1

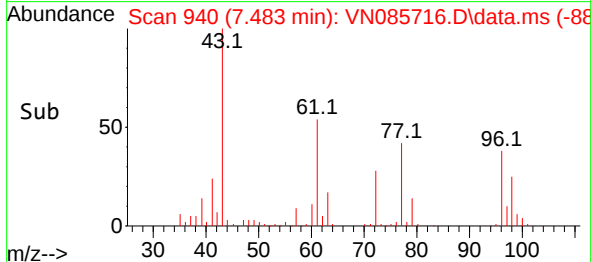
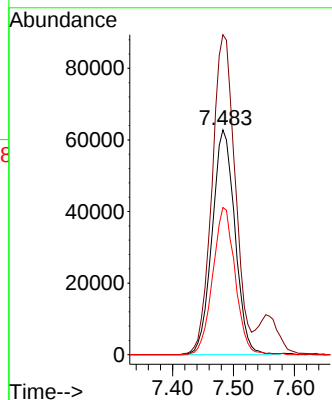
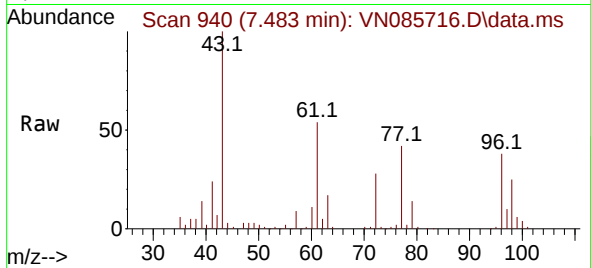




#27
 cis-1,2-Dichloroethene
 Concen: 57.297 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN085716.D
 Acq: 07 Feb 2025 23:06

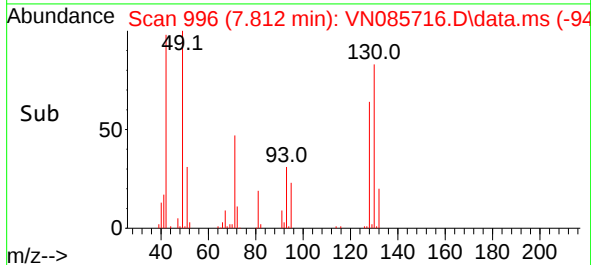
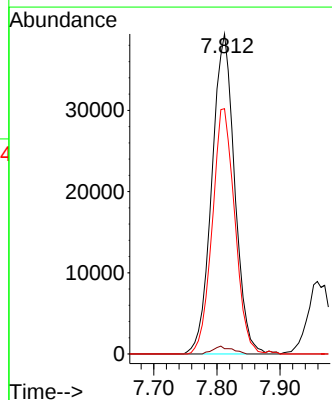
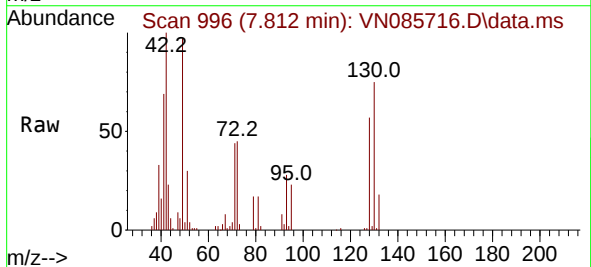
Instrument :
 MSVOA_N
 ClientSampleId :

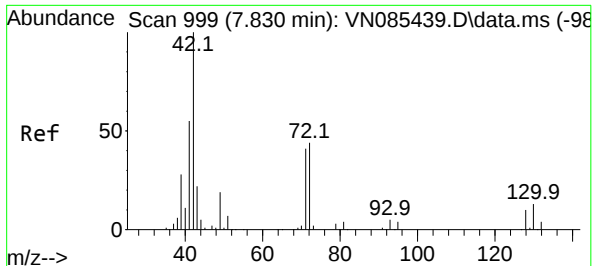
Tgt Ion: 96 Resp: 163609
 Ion Ratio Lower Upper
 96 100
 61 144.0 0.0 311.8
 98 64.2 0.0 126.0



#28
 Bromochloromethane
 Concen: 42.796 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085716.D
 Acq: 07 Feb 2025 23:06

Tgt Ion: 49 Resp: 99190
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.4
 130 75.5 55.0 82.4





#29

Tetrahydrofuran

Concen: 281.312 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.006 min

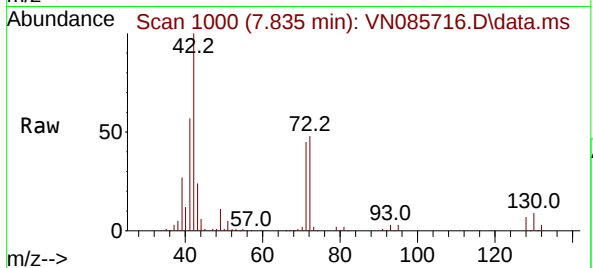
Lab File: VN085716.D

Acq: 07 Feb 2025 23:06

Instrument :

MSVOA_N

ClientSampleId :



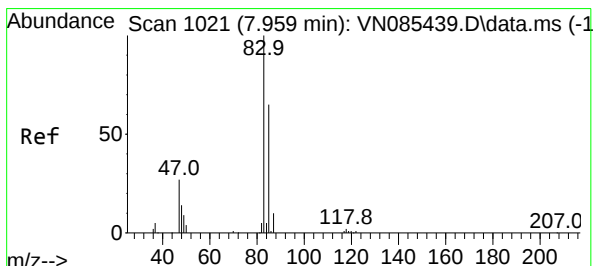
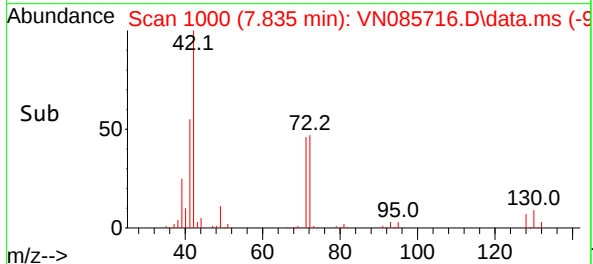
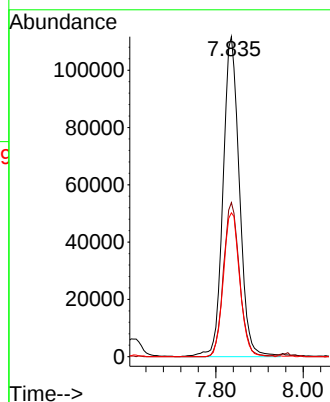
Tgt Ion: 42 Resp: 289345

Ion Ratio Lower Upper

42 100

72 47.1 34.2 51.2

71 45.0 32.5 48.7



#30

Chloroform

Concen: 54.809 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN085716.D

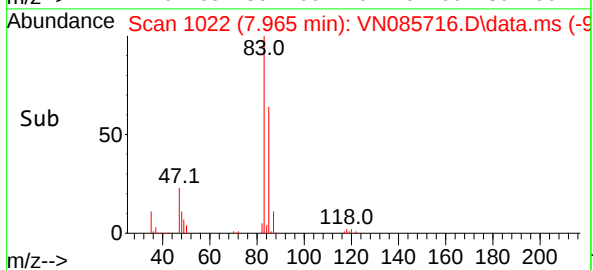
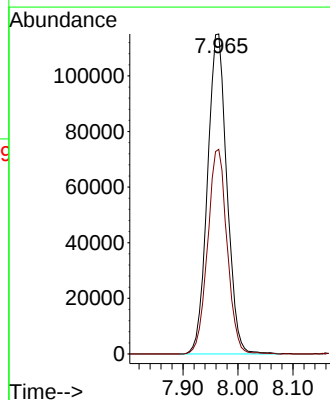
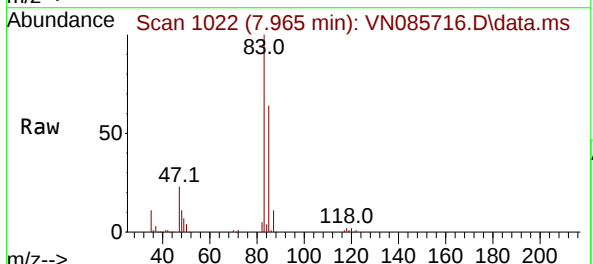
Acq: 07 Feb 2025 23:06

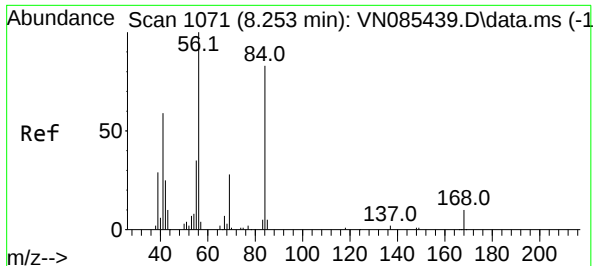
Tgt Ion: 83 Resp: 282209

Ion Ratio Lower Upper

83 100

85 63.9 51.8 77.6

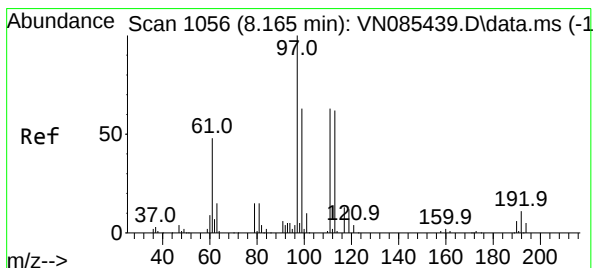
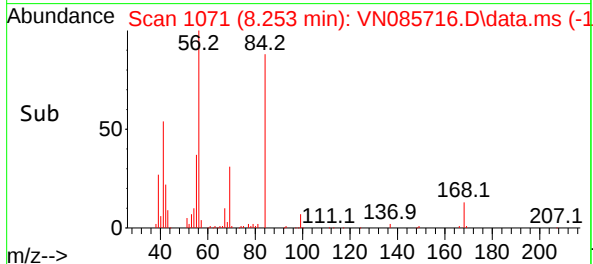
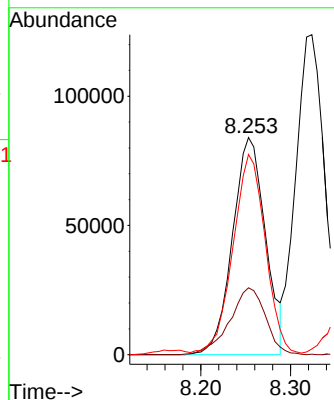
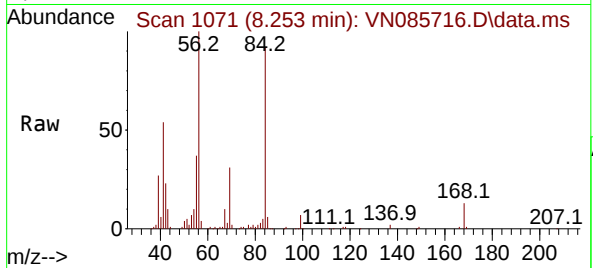




#31
Cyclohexane
Concen: 49.533 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

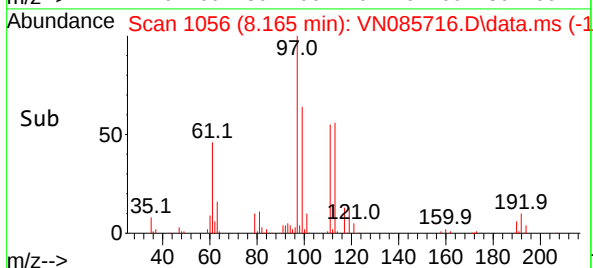
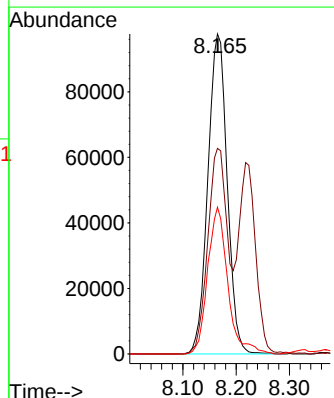
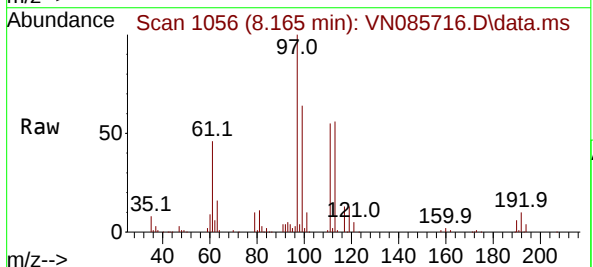
Instrument :
MSVOA_N
ClientSampleId :

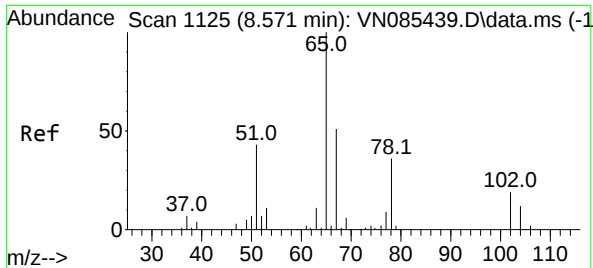
Tgt Ion: 56 Resp: 214482
Ion Ratio Lower Upper
56 100
69 30.8 22.2 33.4
84 90.1 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 54.561 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

Tgt Ion: 97 Resp: 246426
Ion Ratio Lower Upper
97 100
99 65.9 49.8 74.6
61 47.7 41.4 62.2

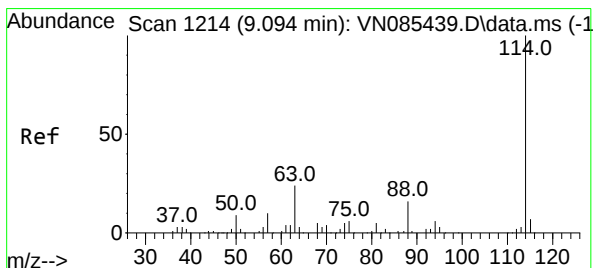
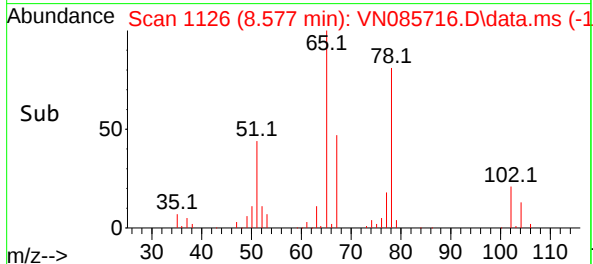
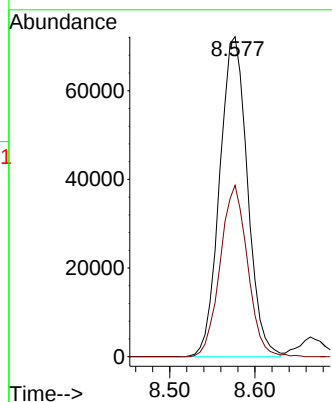
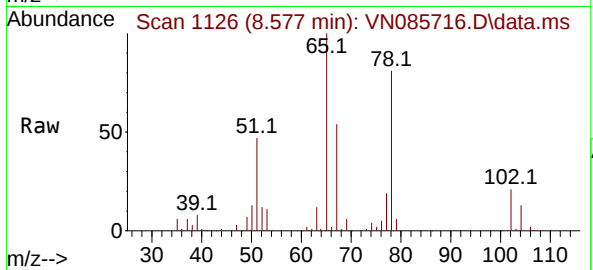




#33
 1,2-Dichloroethane-d4
 Concen: 47.893 ug/l
 RT: 8.577 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: VN085716.D
 Acq: 07 Feb 2025 23:06

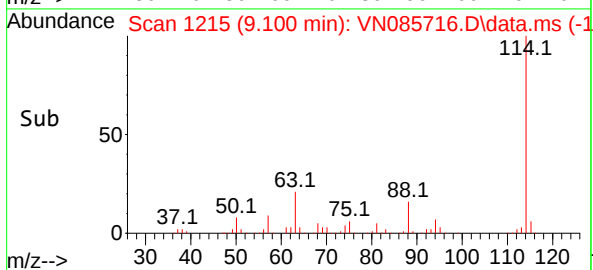
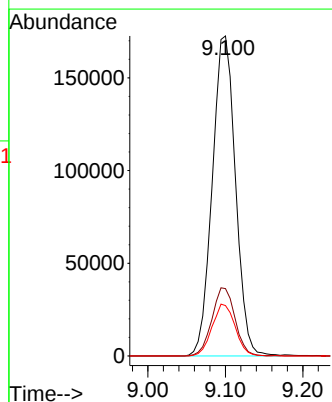
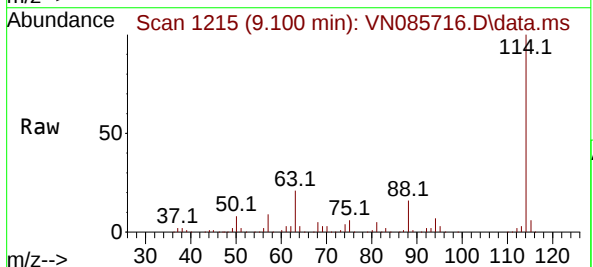
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 65 Resp: 163408
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085716.D
 Acq: 07 Feb 2025 23:06

Tgt Ion: 114 Resp: 359666
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 47.6
 88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.068 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.000 min

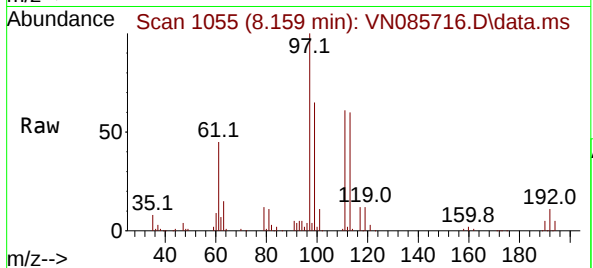
Lab File: VN085716.D

Acq: 07 Feb 2025 23:06

Instrument :

MSVOA_N

ClientSampleId :



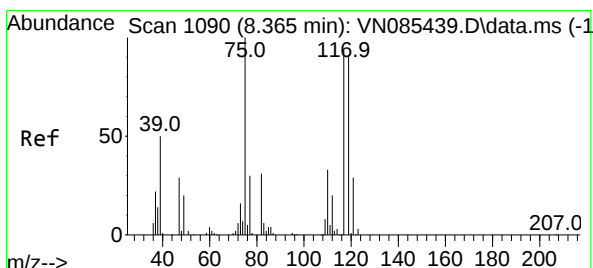
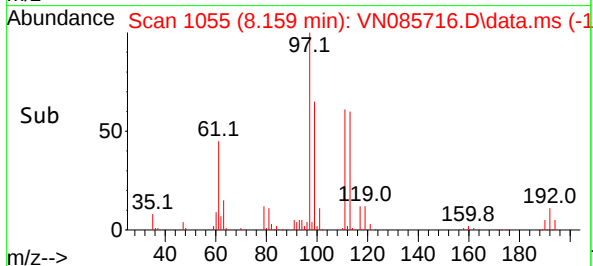
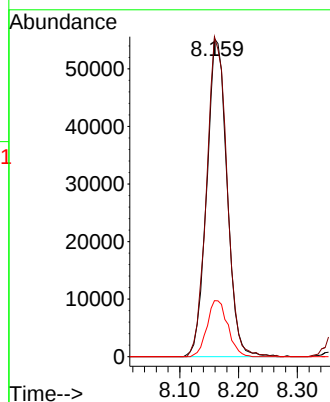
Tgt Ion:113 Resp: 132414

Ion Ratio Lower Upper

113 100

111 101.8 82.7 124.1

192 18.0 14.3 21.5



#36

1,1-Dichloropropene

Concen: 55.293 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN085716.D

Acq: 07 Feb 2025 23:06

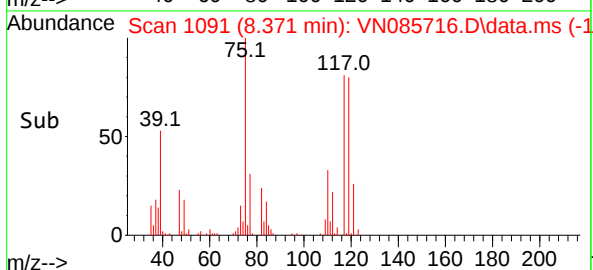
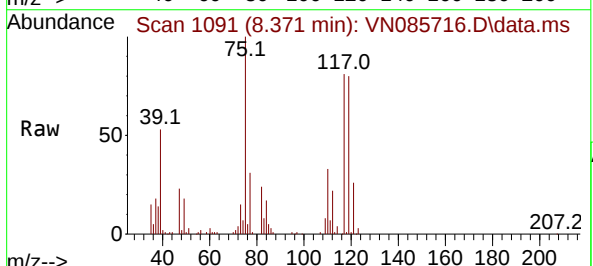
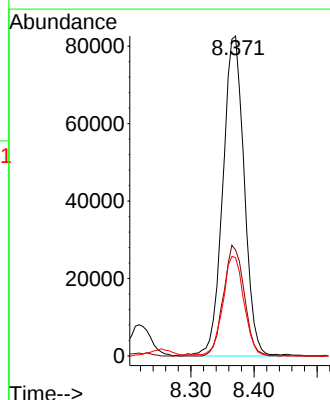
Tgt Ion: 75 Resp: 193633

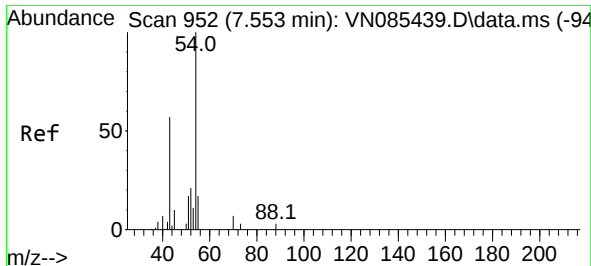
Ion Ratio Lower Upper

75 100

110 33.7 16.5 49.5

77 31.0 24.4 36.6





#37

Ethyl Acetate

Concen: 51.073 ug/l

RT: 7.553 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN085716.D

Acq: 07 Feb 2025 23:06

Instrument :

MSVOA_N

ClientSampleId :

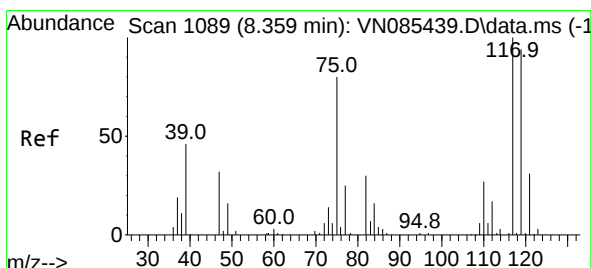
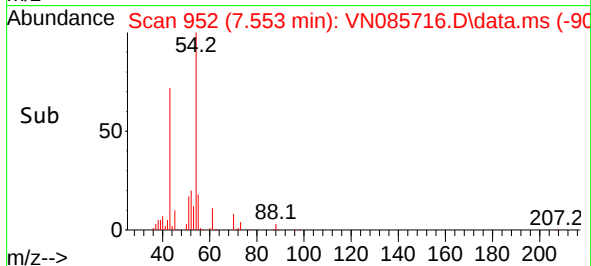
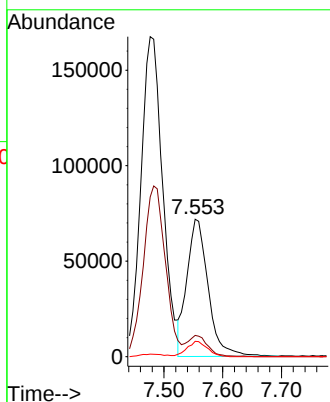
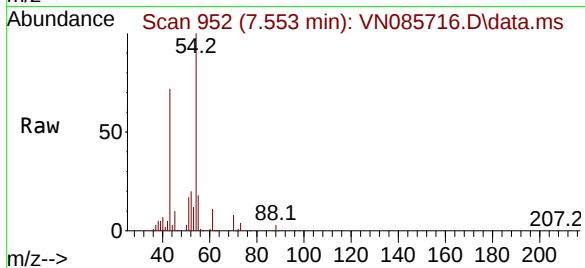
Tgt Ion: 43 Resp: 180530

Ion Ratio Lower Upper

43 100

61 13.8 10.9 16.3

70 10.8 7.5 11.3



#38

Carbon Tetrachloride

Concen: 54.706 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VN085716.D

Acq: 07 Feb 2025 23:06

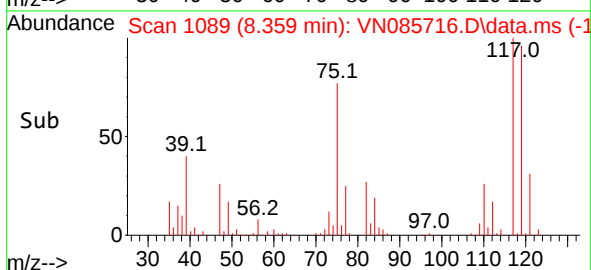
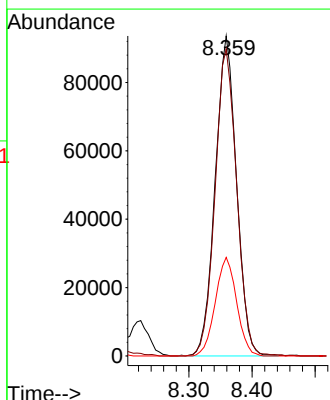
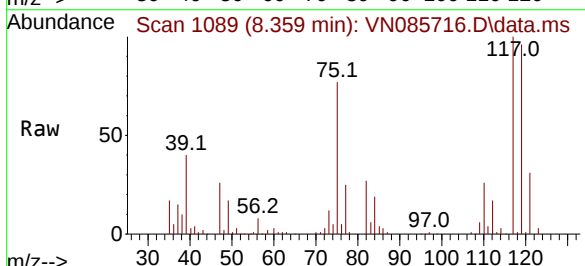
Tgt Ion: 117 Resp: 219326

Ion Ratio Lower Upper

117 100

119 96.0 75.4 113.2

121 30.8 24.6 37.0





#39

Methylcyclohexane

Concen: 56.055 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085716.D

Acq: 07 Feb 2025 23:06

Instrument :

MSVOA_N

ClientSampleId :

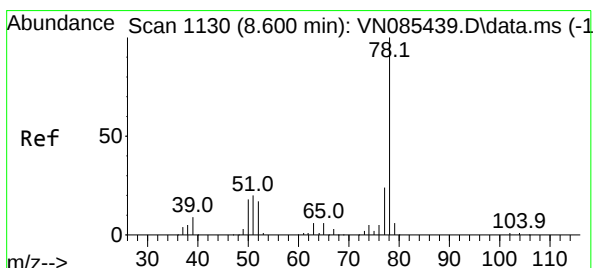
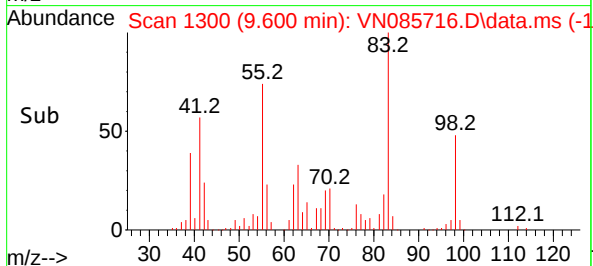
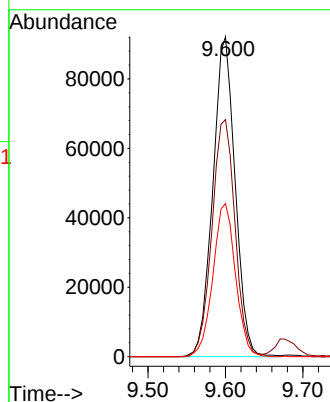
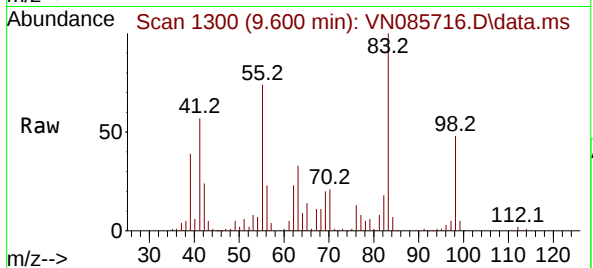
Tgt Ion: 83 Resp: 184466

Ion Ratio Lower Upper

83 100

55 74.1 62.6 94.0

98 47.8 37.7 56.5



#40

Benzene

Concen: 57.446 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085716.D

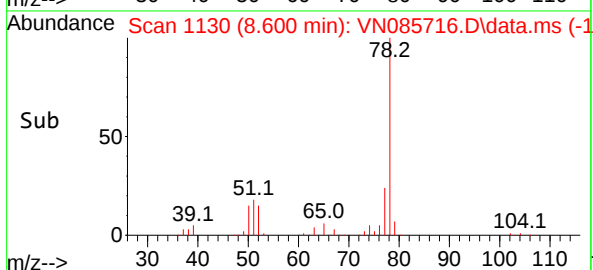
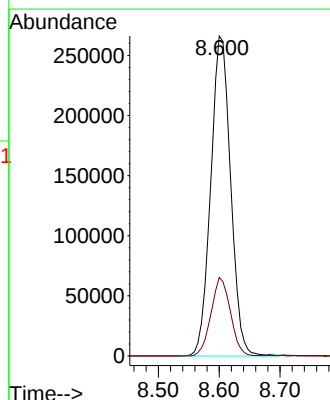
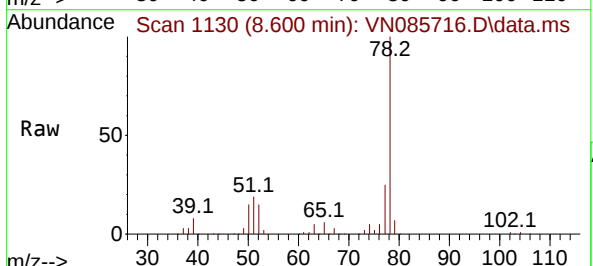
Acq: 07 Feb 2025 23:06

Tgt Ion: 78 Resp: 604456

Ion Ratio Lower Upper

78 100

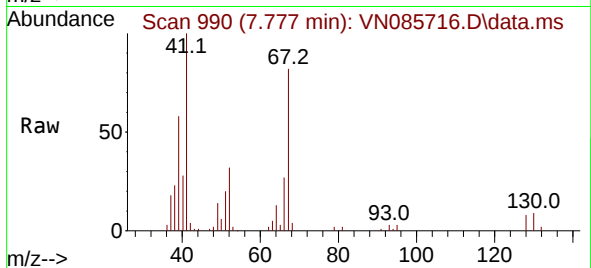
77 24.5 19.0 28.6



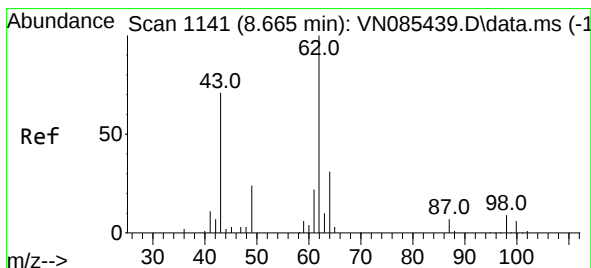
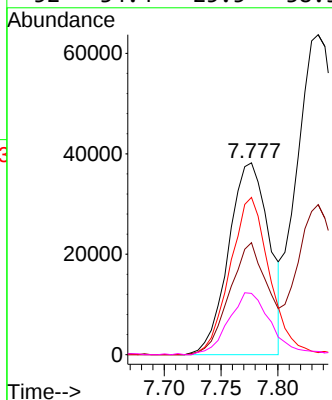
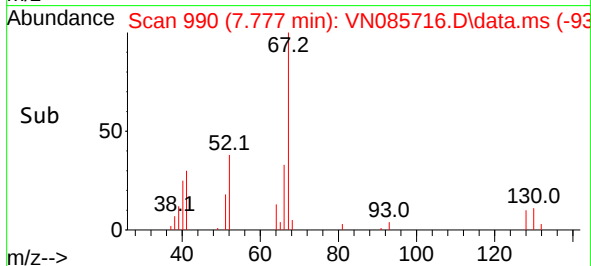


#41
Methacrylonitrile
Concen: 51.731 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.006 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

Instrument :
MSVOA_N
ClientSampleId :

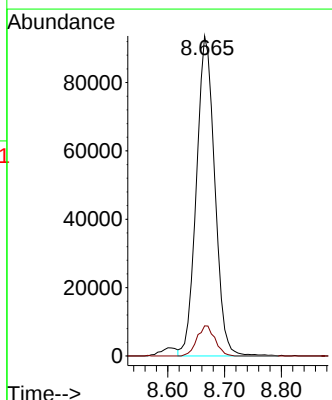
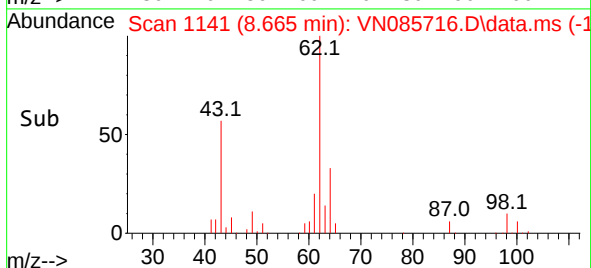
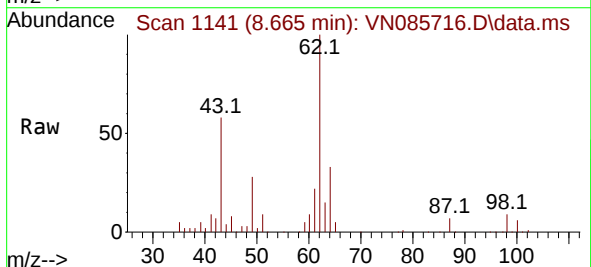


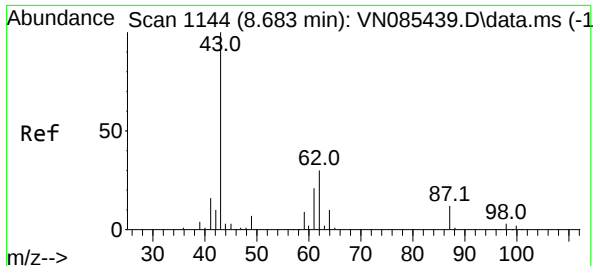
Tgt Ion: 41	Resp: 95133
Ion Ratio	Lower Upper
41 100	
39 55.0	46.0 69.0
67 80.3	57.4 86.2
52 34.4	25.5 38.3



#42
1,2-Dichloroethane
Concen: 53.022 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

Tgt Ion: 62	Resp: 210124
Ion Ratio	Lower Upper
62 100	
98 9.2	0.0 17.0

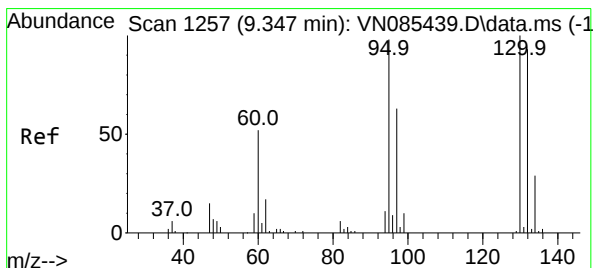
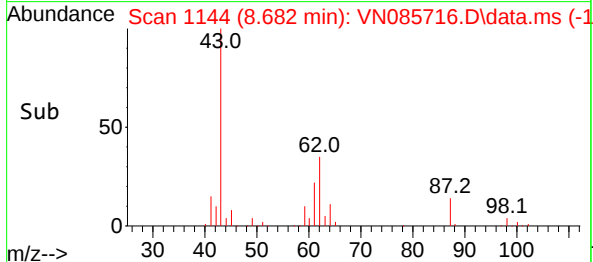
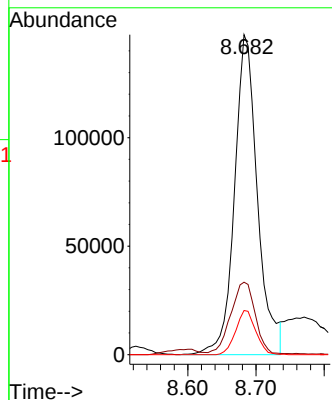
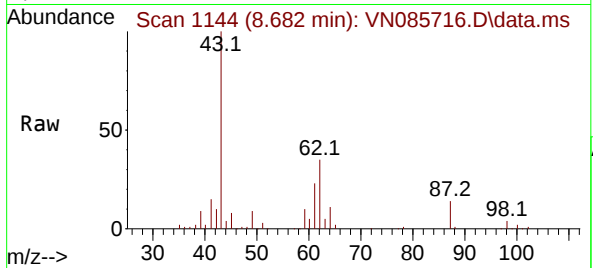




#43
Isopropyl Acetate
Concen: 61.153 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

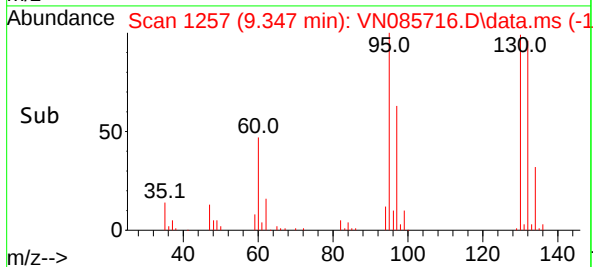
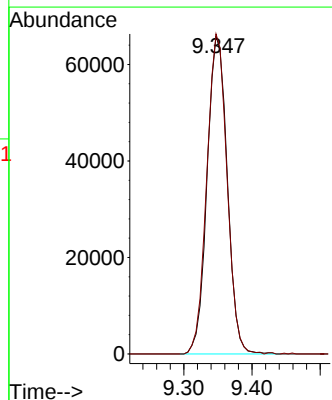
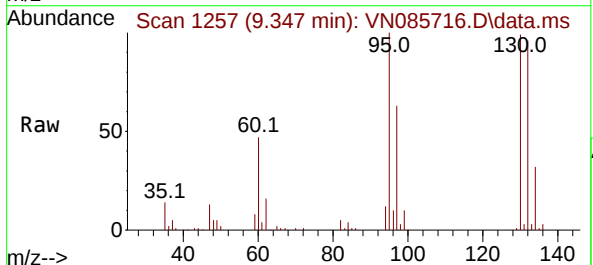
Instrument :
MSVOA_N
ClientSampleId :

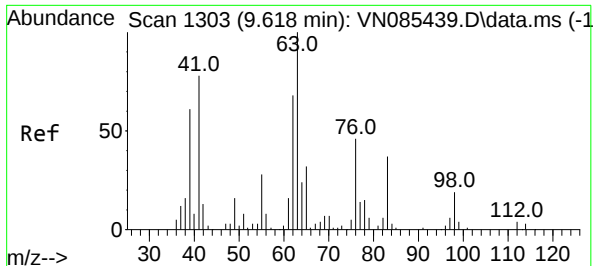
Tgt Ion: 43 Resp: 346362
Ion Ratio Lower Upper
43 100
61 23.8 20.7 31.1
87 12.0 9.8 14.8



#44
Trichloroethene
Concen: 55.367 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

Tgt Ion:130 Resp: 135613
Ion Ratio Lower Upper
130 100
95 100.6 0.0 195.8





#45

1,2-Dichloropropane

Concen: 55.134 ug/l

RT: 9.618 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN085716.D

Acq: 07 Feb 2025 23:06

Instrument :

MSVOA_N

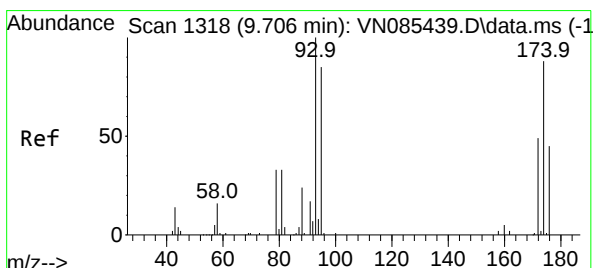
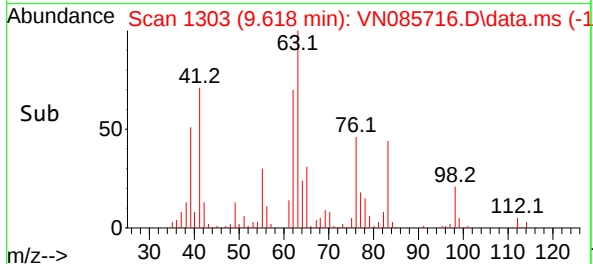
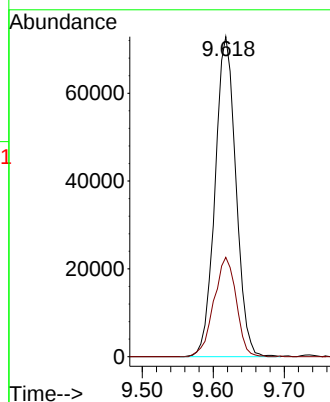
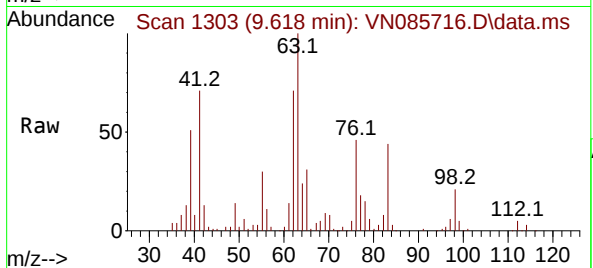
ClientSampleId :

Tgt Ion: 63 Resp: 148182

Ion Ratio Lower Upper

63 100

65 31.1 25.6 38.4



#46

Dibromomethane

Concen: 55.412 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085716.D

Acq: 07 Feb 2025 23:06

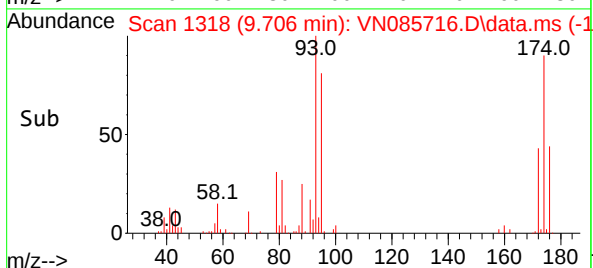
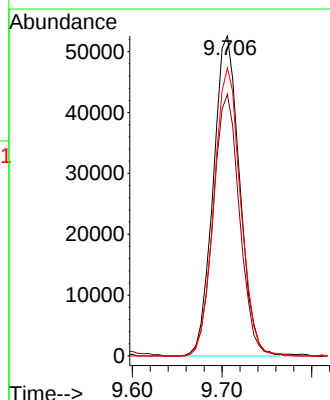
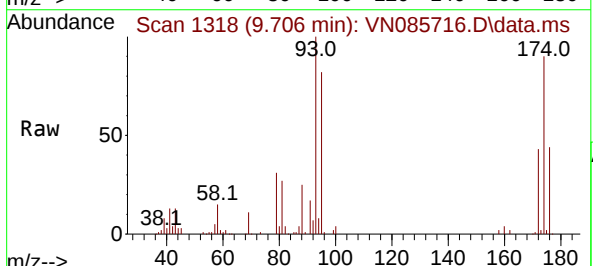
Tgt Ion: 93 Resp: 107462

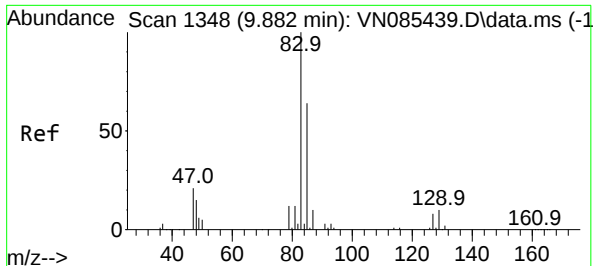
Ion Ratio Lower Upper

93 100

95 81.5 64.7 97.1

174 90.5 69.0 103.4

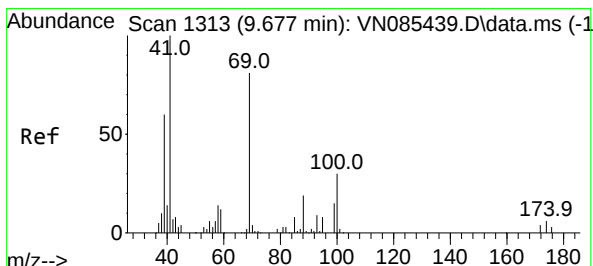
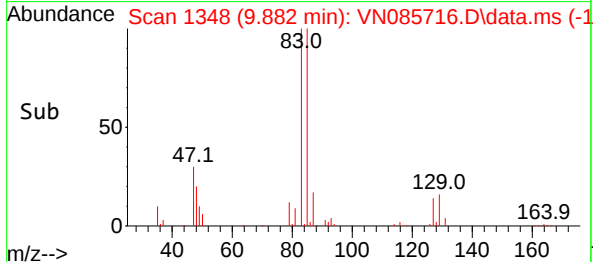
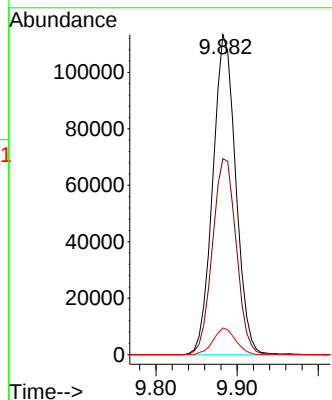
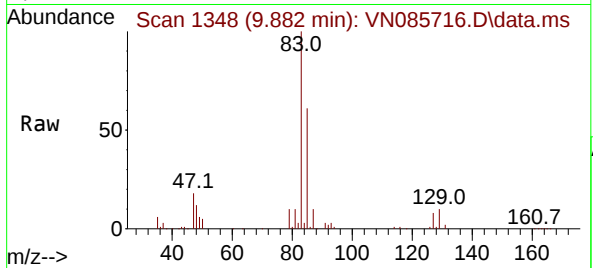




#47
Bromodichloromethane
Concen: 56.488 ug/l
RT: 9.882 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

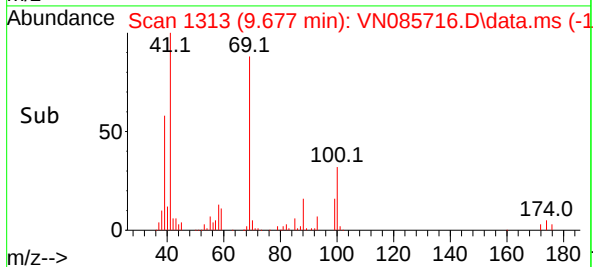
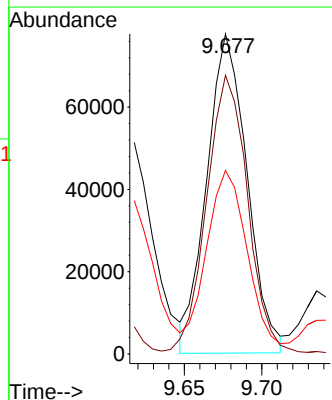
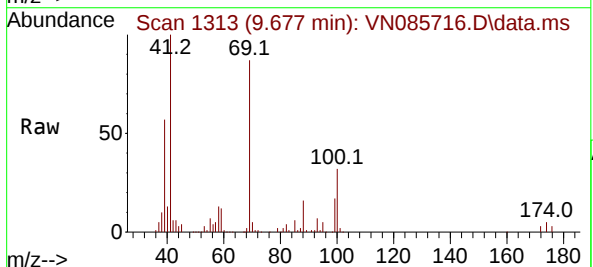
Instrument :
MSVOA_N
ClientSampleId :

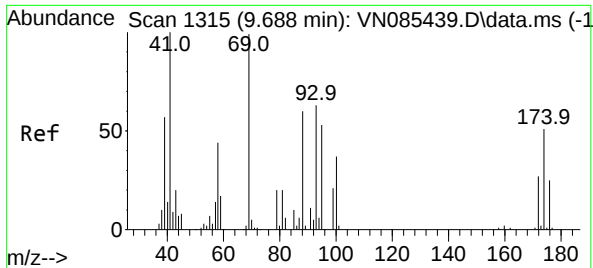
Tgt Ion: 83 Resp: 223183
Ion Ratio Lower Upper
83 100
85 61.2 51.2 76.8
127 8.3 6.5 9.7



#48
Methyl methacrylate
Concen: 54.934 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

Tgt Ion: 41 Resp: 140020
Ion Ratio Lower Upper
41 100
69 90.1 64.7 97.1
39 59.0 49.0 73.6





#49

1,4-Dioxane

Concen: 1172.532 ug/l

RT: 9.688 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN085716.D

Acq: 07 Feb 2025 23:06

Instrument :

MSVOA_N

ClientSampleId :

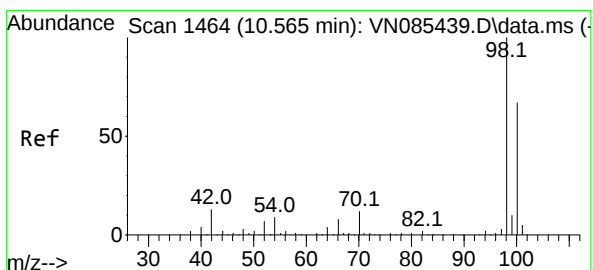
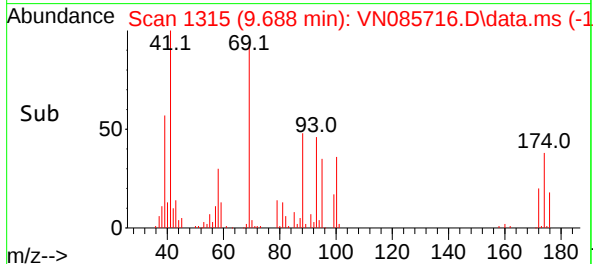
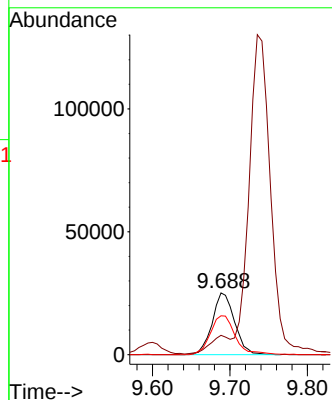
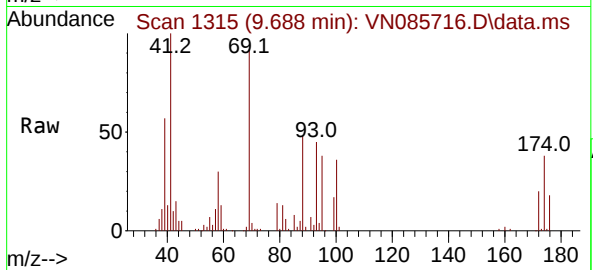
Tgt Ion: 88 Resp: 50328

Ion Ratio Lower Upper

88 100

43 26.6 26.6 39.8#

58 70.3 59.5 89.3



#50

Toluene-d8

Concen: 53.289 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085716.D

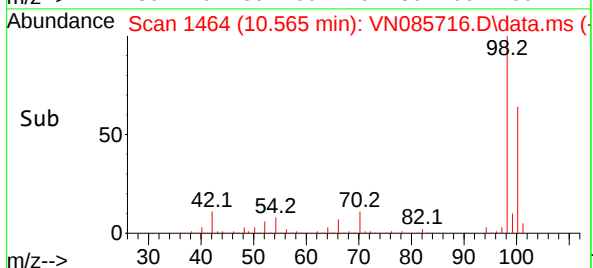
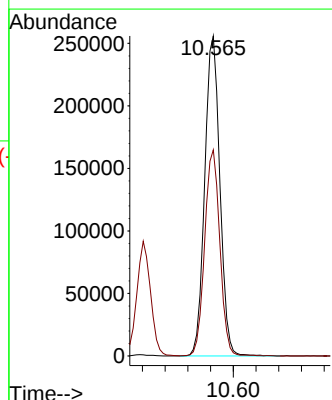
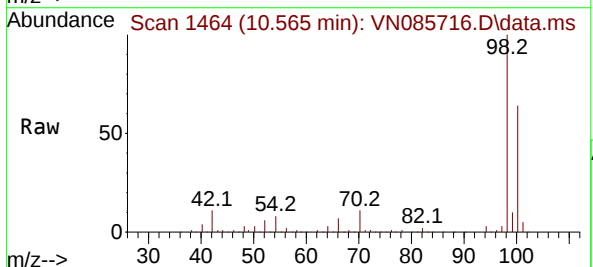
Acq: 07 Feb 2025 23:06

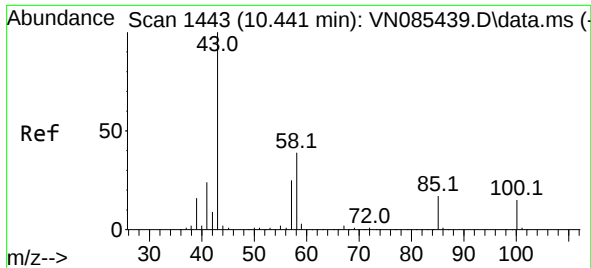
Tgt Ion: 98 Resp: 472426

Ion Ratio Lower Upper

98 100

100 64.5 52.2 78.4

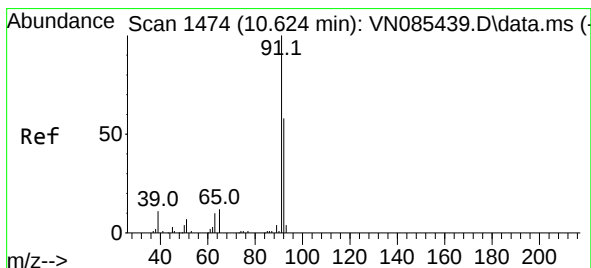
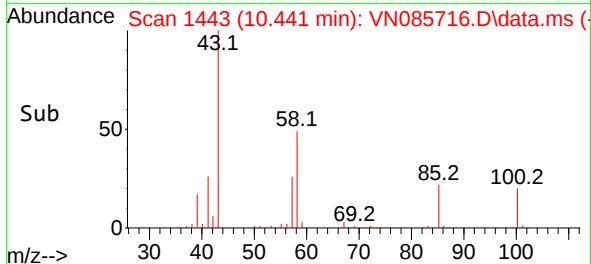
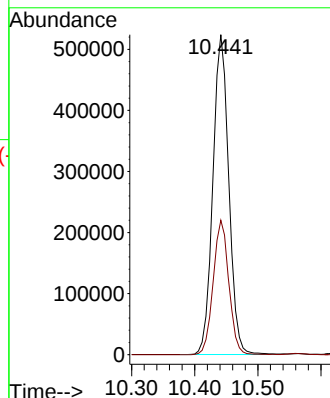
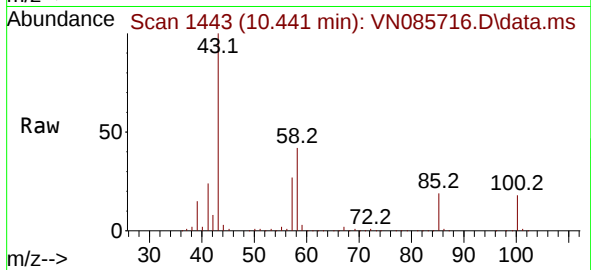




#51
4-Methyl-2-Pentanone
Concen: 278.573 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

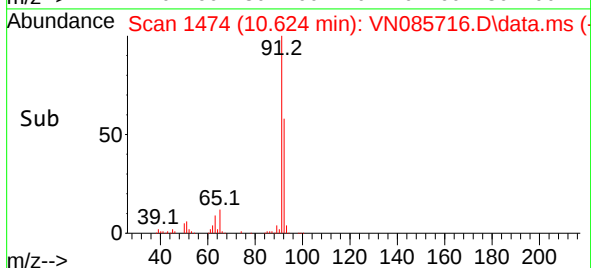
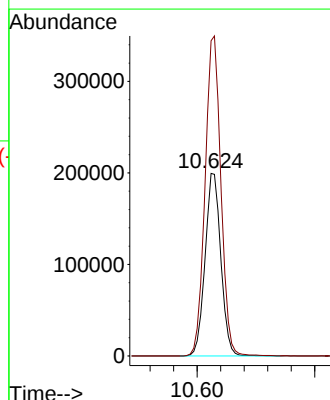
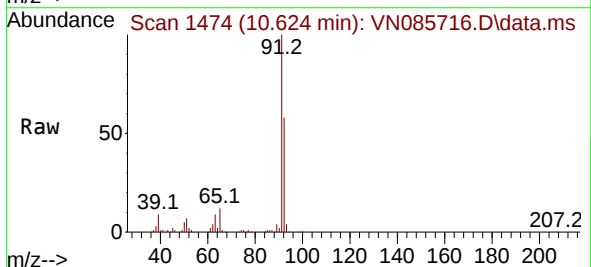
Instrument :
MSVOA_N
ClientSampleId :

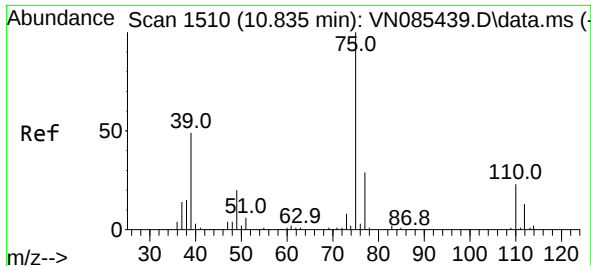
Tgt Ion: 43 Resp: 915575
Ion Ratio Lower Upper
43 100
58 41.4 30.5 45.7



#52
Toluene
Concen: 60.970 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

Tgt Ion: 92 Resp: 371724
Ion Ratio Lower Upper
92 100
91 176.2 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 56.899 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. -0.000 min

Lab File: VN085716.D

Acq: 07 Feb 2025 23:06

Instrument :

MSVOA_N

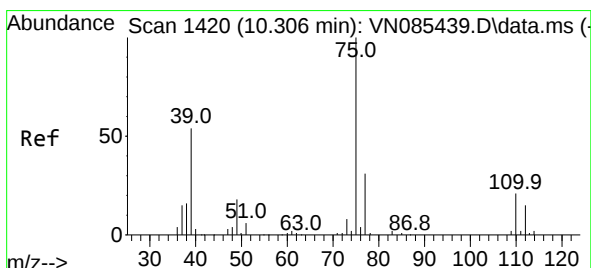
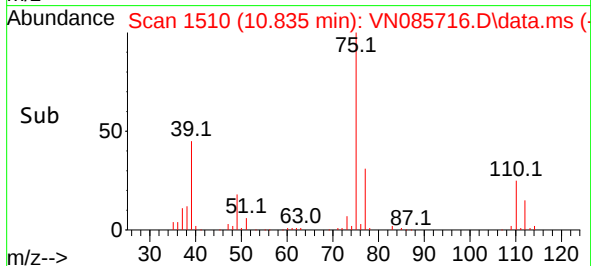
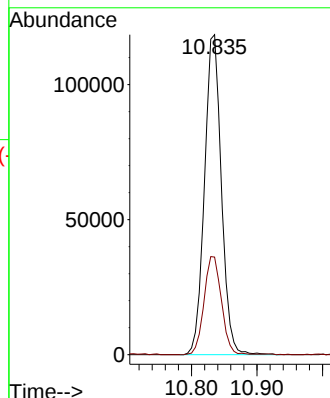
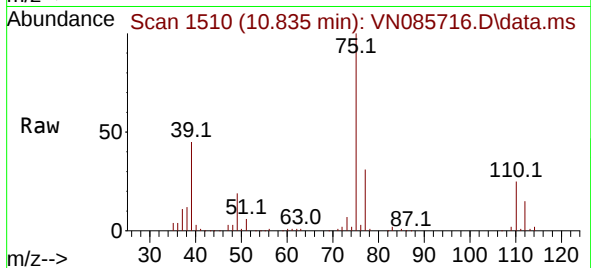
ClientSampleId :

Tgt Ion: 75 Resp: 212449

Ion Ratio Lower Upper

75 100

77 30.5 23.5 35.3



#54

cis-1,3-Dichloropropene

Concen: 56.933 ug/l

RT: 10.306 min Scan# 1420

Delta R.T. -0.000 min

Lab File: VN085716.D

Acq: 07 Feb 2025 23:06

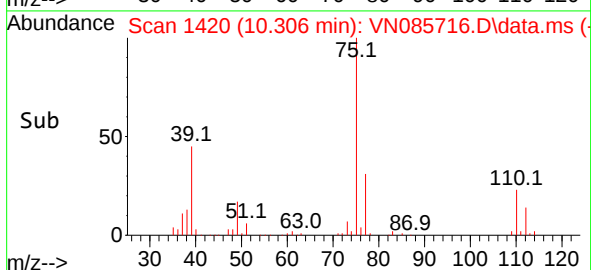
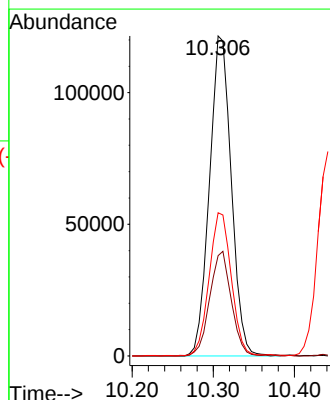
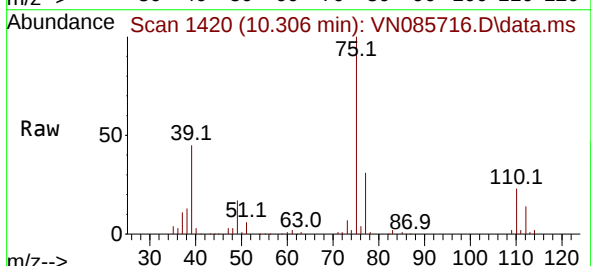
Tgt Ion: 75 Resp: 227067

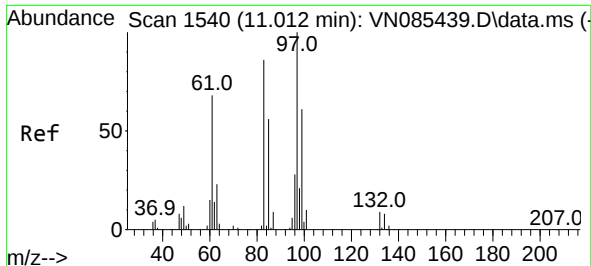
Ion Ratio Lower Upper

75 100

77 31.3 25.0 37.4

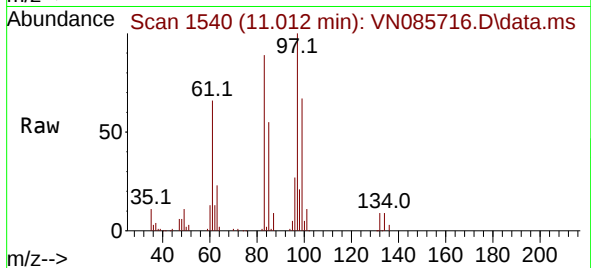
39 44.6 43.1 64.7





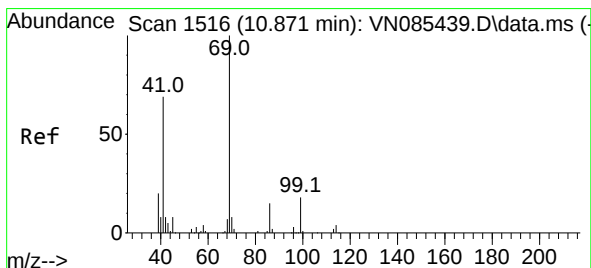
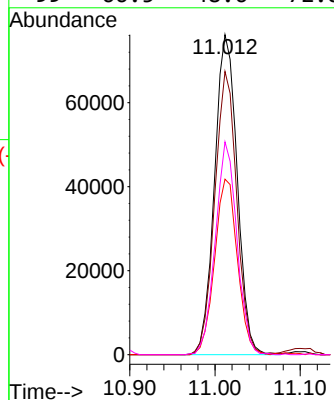
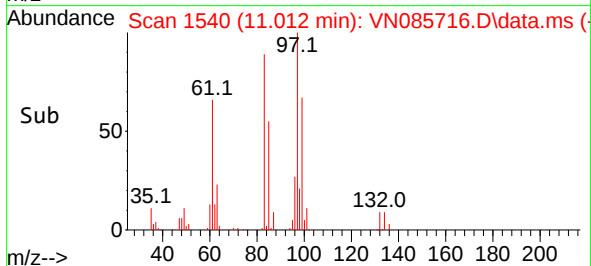
#55
1,1,2-Trichloroethane
Concen: 58.271 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 97 Resp: 140596

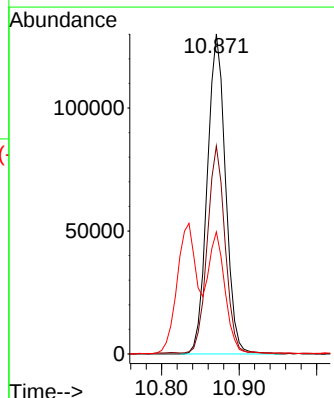
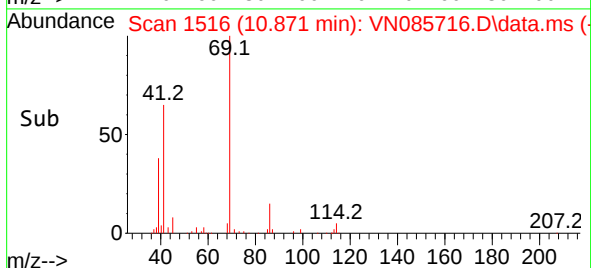
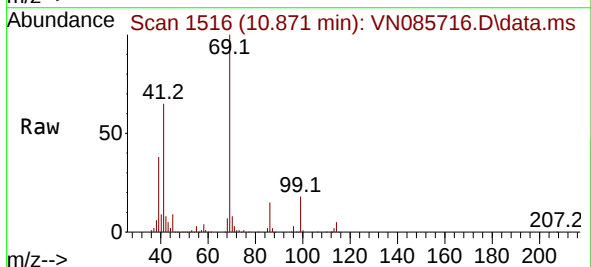
Ion	Ratio	Lower	Upper
97	100		
83	88.5	69.0	103.6
85	54.9	44.6	66.8
99	66.5	48.6	72.8

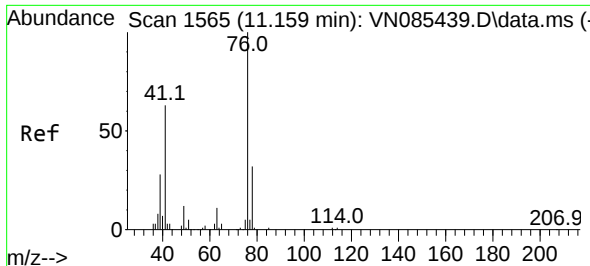


#56
Ethyl methacrylate
Concen: 52.228 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

Tgt Ion: 69 Resp: 212642

Ion	Ratio	Lower	Upper
69	100		
41	62.8	54.6	82.0
39	34.7	32.4	48.6





#57

1,3-Dichloropropane

Concen: 58.253 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN085716.D

Acq: 07 Feb 2025 23:06

Instrument :

MSVOA_N

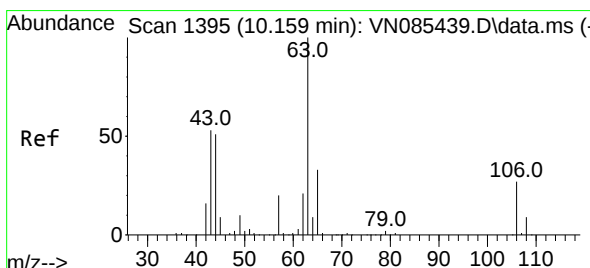
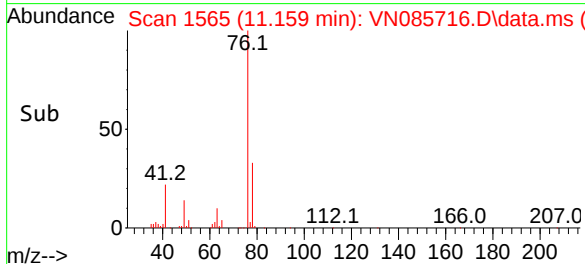
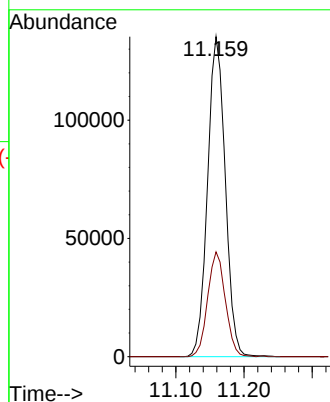
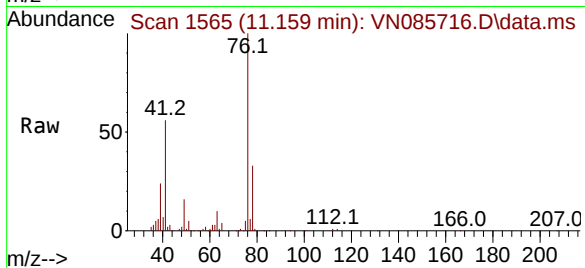
ClientSampleId :

Tgt Ion: 76 Resp: 244392

Ion Ratio Lower Upper

76 100

78 32.6 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 326.128 ug/l

RT: 10.153 min Scan# 1394

Delta R.T. -0.006 min

Lab File: VN085716.D

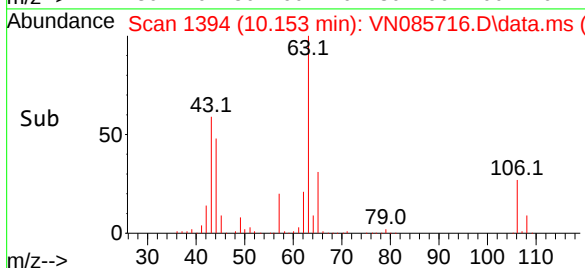
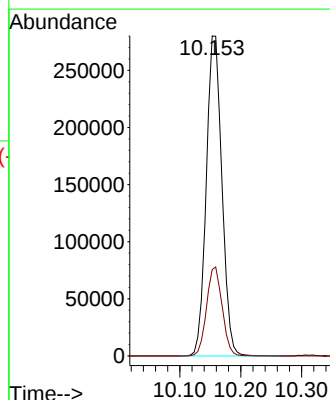
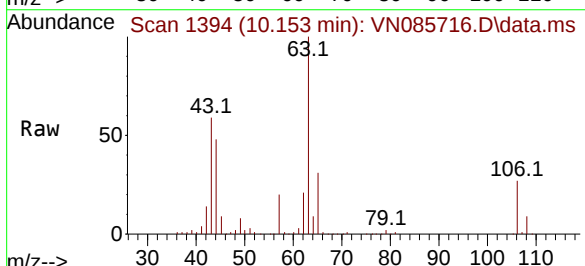
Acq: 07 Feb 2025 23:06

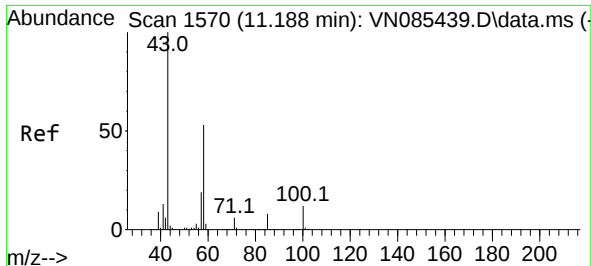
Tgt Ion: 63 Resp: 499349

Ion Ratio Lower Upper

63 100

106 27.7 21.6 32.4

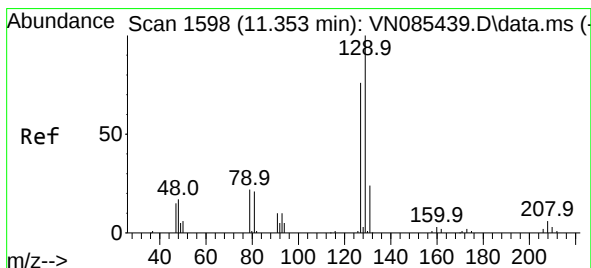
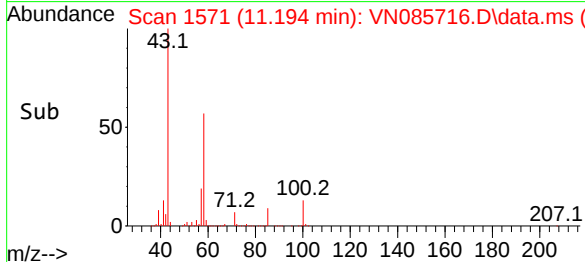
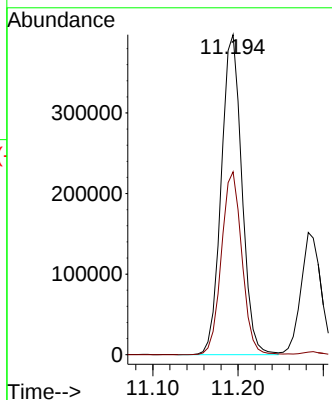
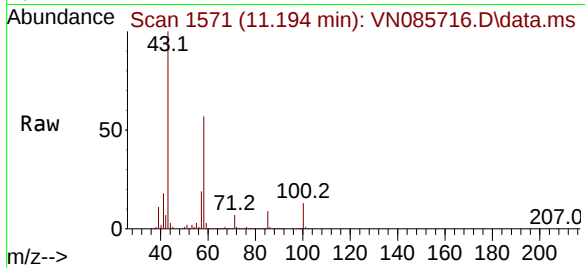




#59
2-Hexanone
Concen: 288.898 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

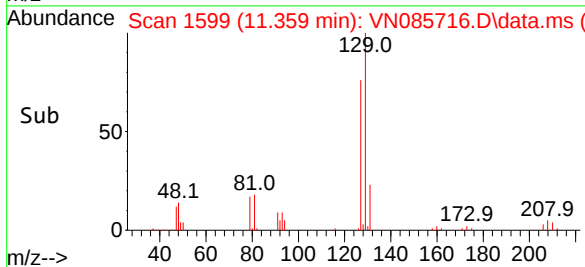
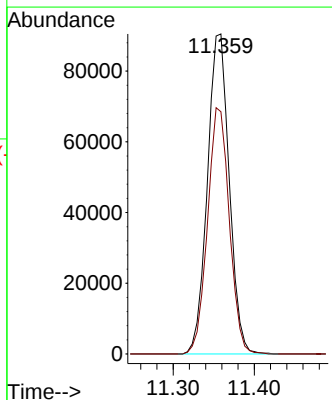
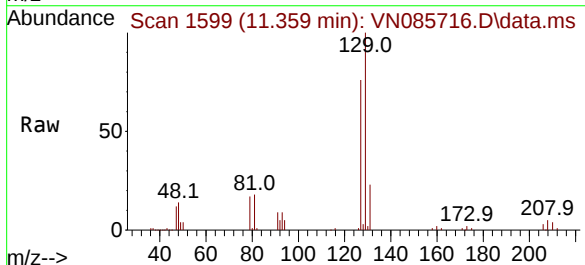
Instrument :
MSVOA_N
ClientSampleId :

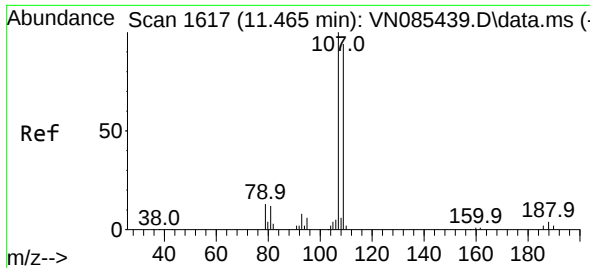
Tgt Ion: 43 Resp: 668105
Ion Ratio Lower Upper
43 100
58 56.7 26.2 78.6



#60
Dibromochloromethane
Concen: 58.035 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

Tgt Ion:129 Resp: 169051
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.8

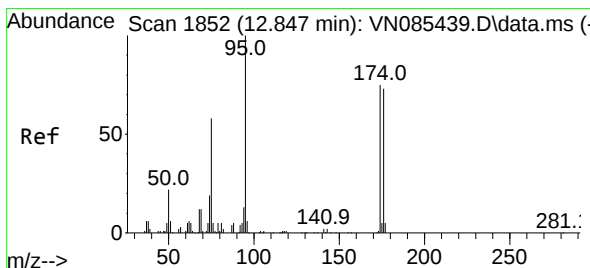
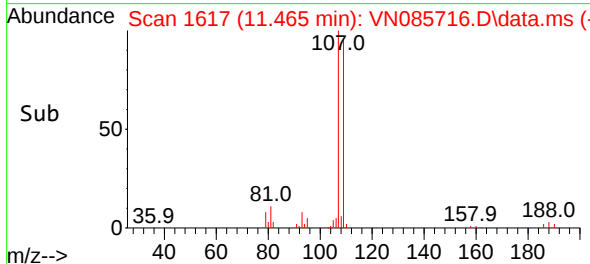
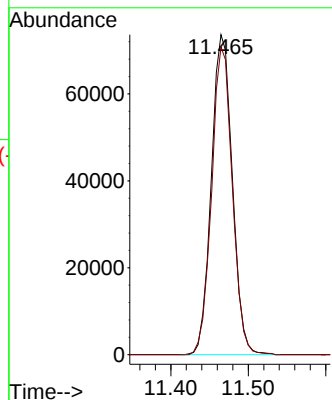
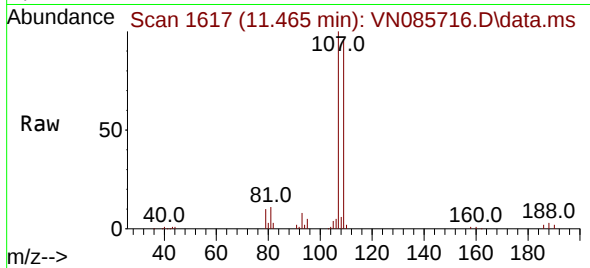




#61
1,2-Dibromoethane
Concen: 57.665 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

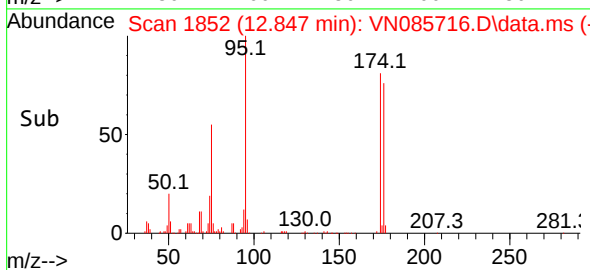
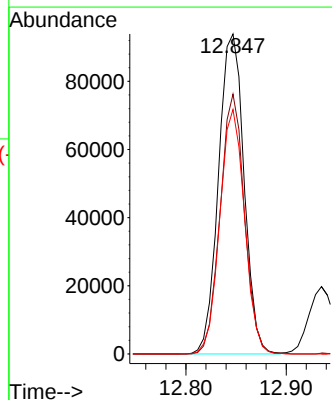
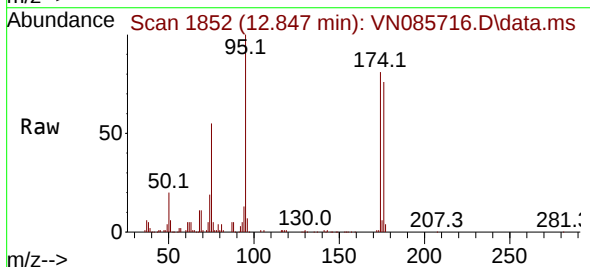
Instrument :
MSVOA_N
ClientSampleId :

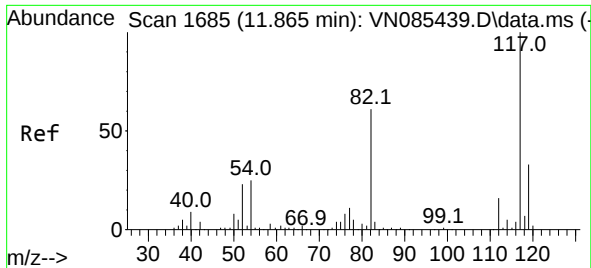
Tgt Ion:107 Resp: 138494
Ion Ratio Lower Upper
107 100
109 94.8 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 54.722 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

Tgt Ion: 95 Resp: 165952
Ion Ratio Lower Upper
95 100
174 77.2 0.0 145.0
176 74.0 0.0 142.4

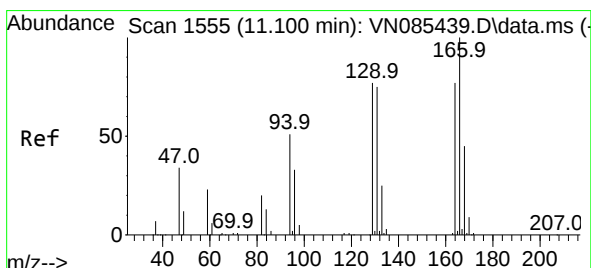
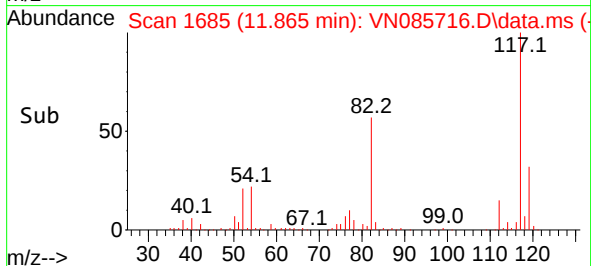
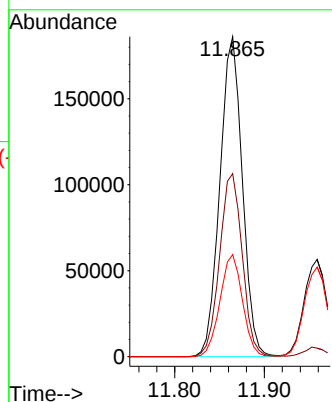
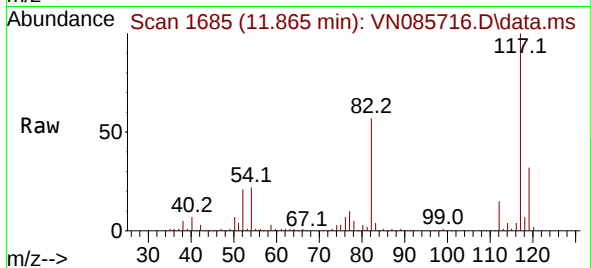




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

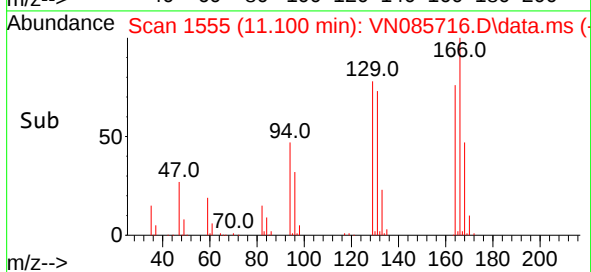
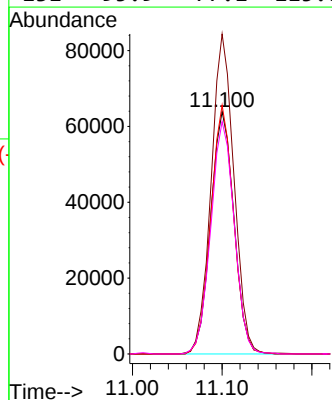
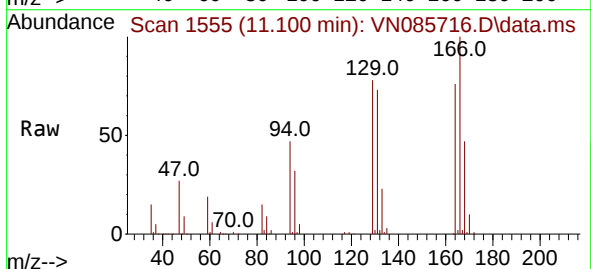
Instrument :
MSVOA_N
ClientSampleId :

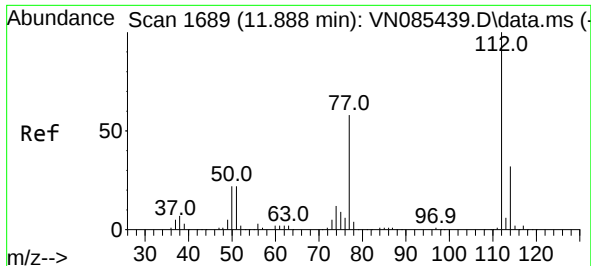
Tgt Ion:117 Resp: 323818
Ion Ratio Lower Upper
117 100
82 57.2 48.6 72.8
119 31.9 26.6 39.8



#64
Tetrachloroethene
Concen: 52.244 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

Tgt Ion:164 Resp: 115333
Ion Ratio Lower Upper
164 100
166 132.1 103.4 155.2
129 102.7 79.2 118.8
131 95.9 77.1 115.7

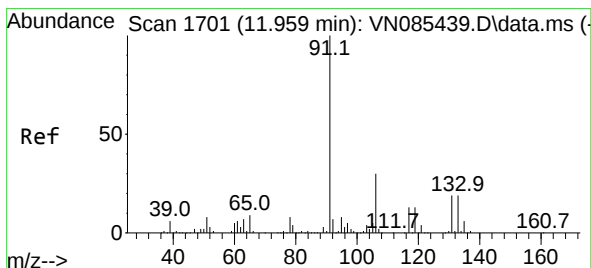
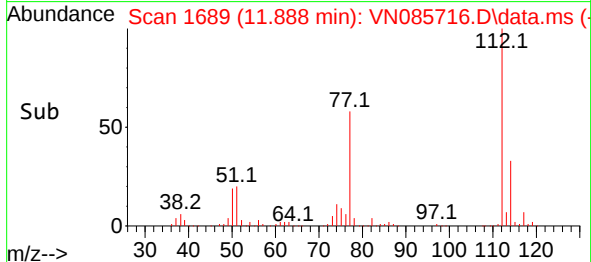
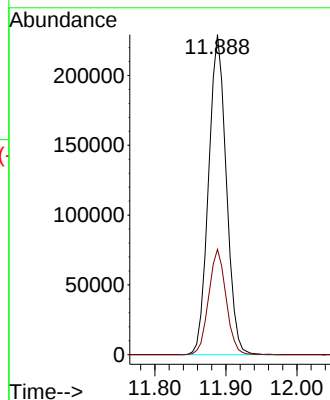
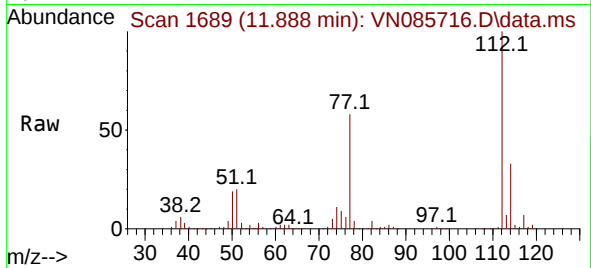




#65
Chlorobenzene
Concen: 56.051 ug/l
RT: 11.888 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

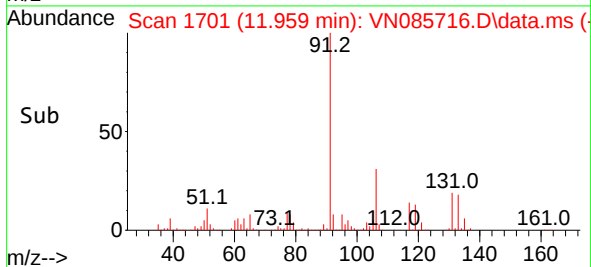
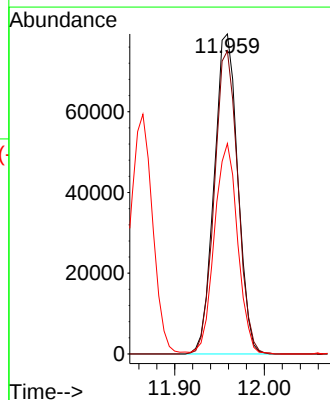
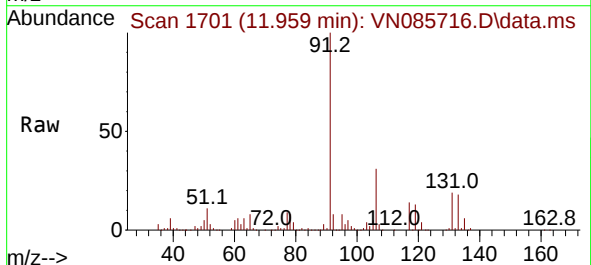
Instrument :
MSVOA_N
ClientSampleId :

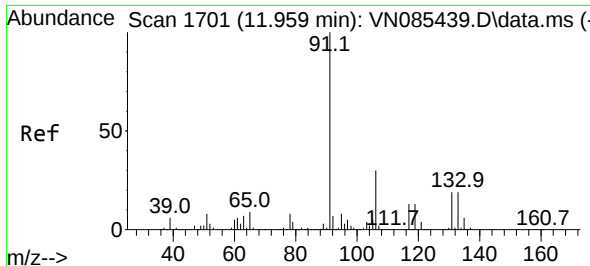
Tgt Ion:112 Resp: 397614
Ion Ratio Lower Upper
112 100
114 33.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 55.624 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

Tgt Ion:131 Resp: 144820
Ion Ratio Lower Upper
131 100
133 94.3 47.4 142.3
119 64.8 33.1 99.5

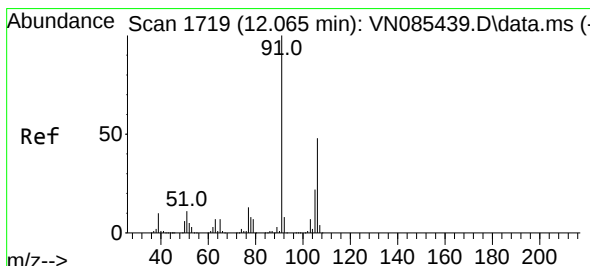
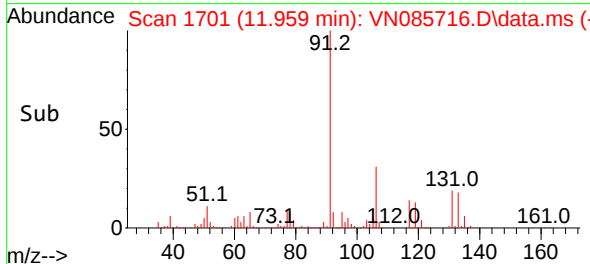
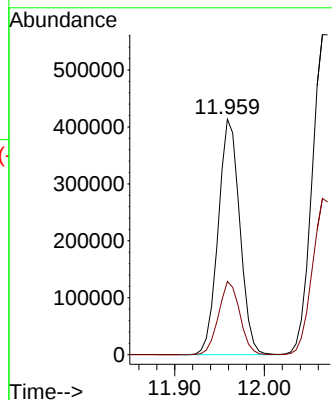
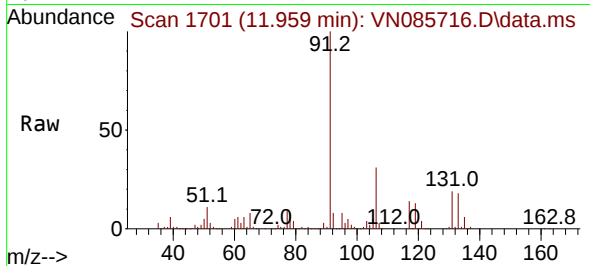




#67
Ethyl Benzene
Concen: 59.837 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

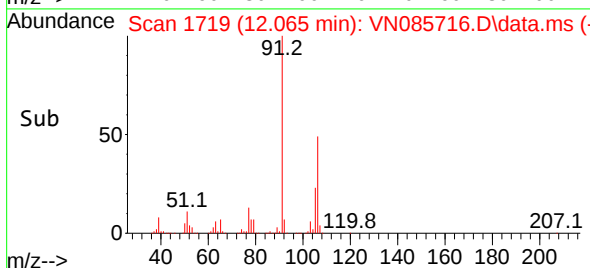
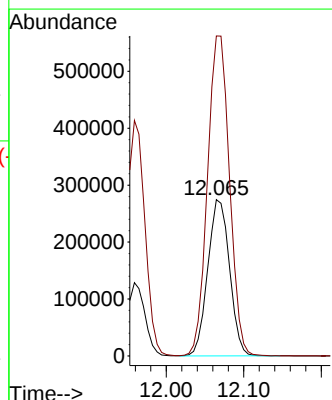
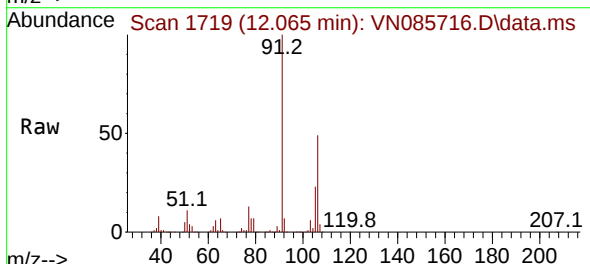
Instrument :
MSVOA_N
ClientSampleId :

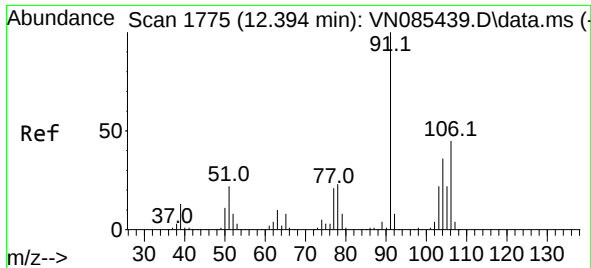
Tgt Ion: 91 Resp: 691359
Ion Ratio Lower Upper
91 100
106 31.1 23.8 35.8



#68
m/p-Xylenes
Concen: 125.329 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

Tgt Ion:106 Resp: 535171
Ion Ratio Lower Upper
106 100
91 207.4 167.7 251.5

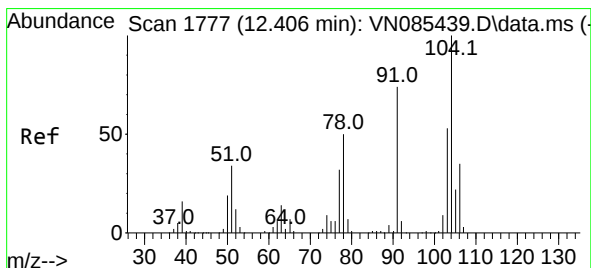
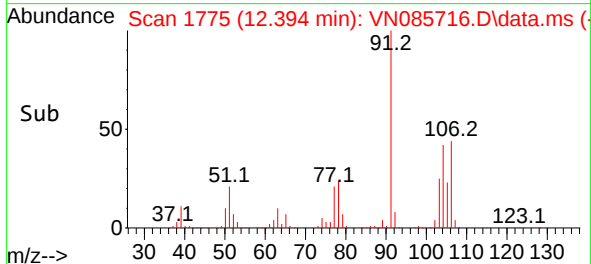
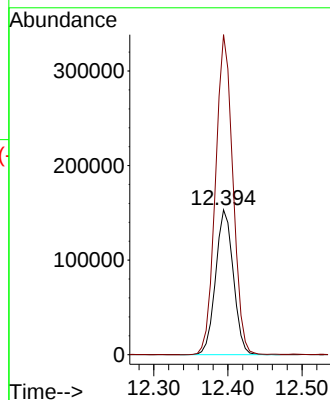
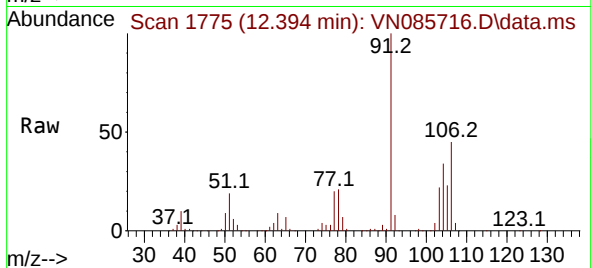




#69
o-Xylene
Concen: 62.182 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

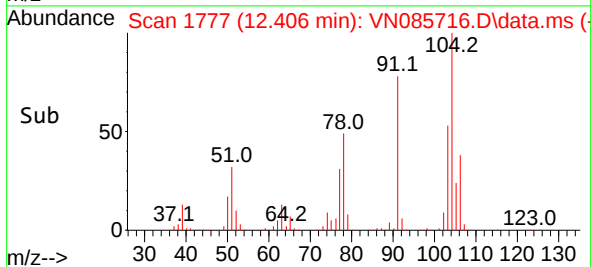
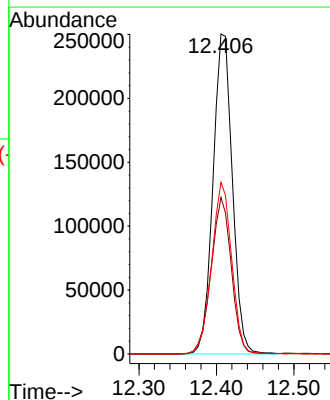
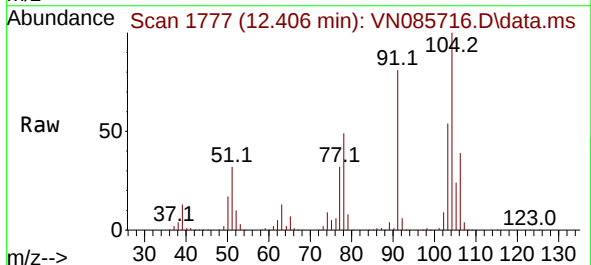
Instrument :
MSVOA_N
ClientSampleId :

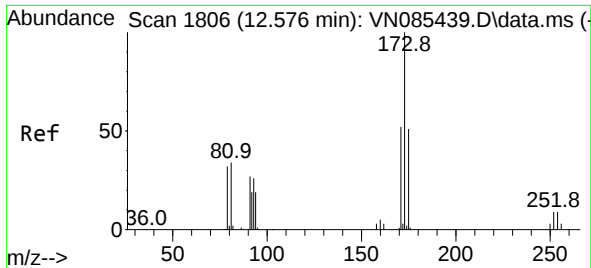
Tgt Ion:106 Resp: 253754
Ion Ratio Lower Upper
106 100
91 217.6 110.4 331.2



#70
Styrene
Concen: 64.643 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

Tgt Ion:104 Resp: 436579
Ion Ratio Lower Upper
104 100
78 50.8 42.5 63.7
103 55.4 43.8 65.8

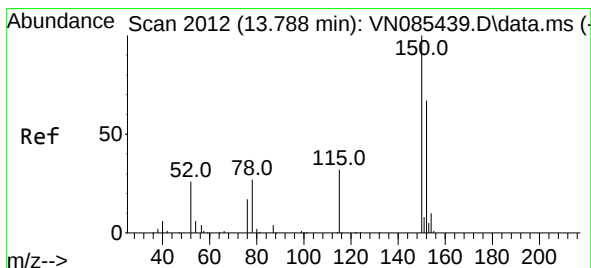
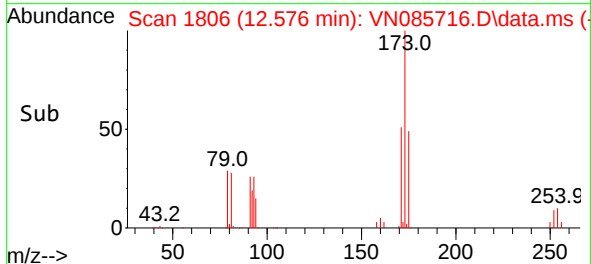
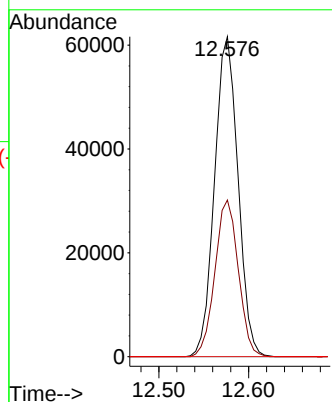
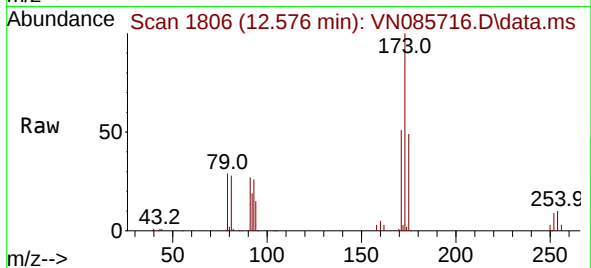




#71
Bromoform
Concen: 60.021 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

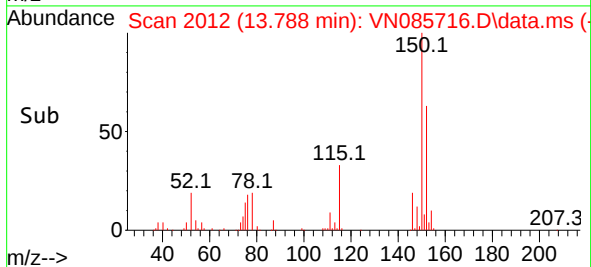
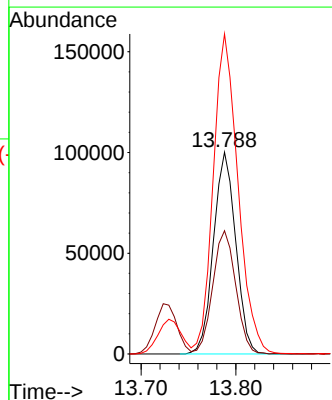
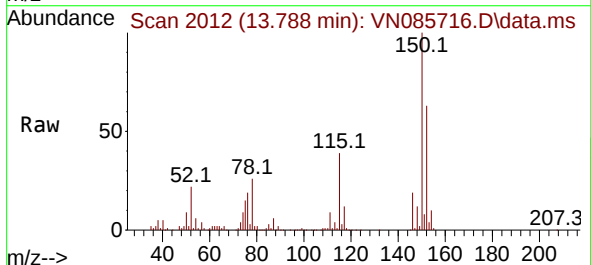
Instrument :
MSVOA_N
ClientSampleId :

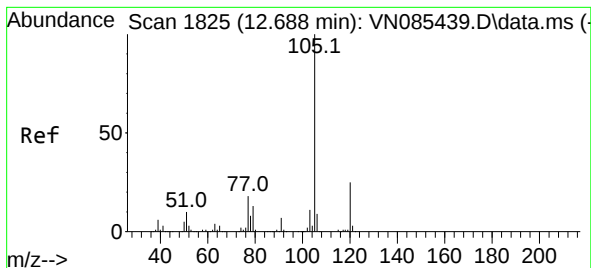
Tgt Ion:173 Resp: 111813
Ion Ratio Lower Upper
173 100
175 48.9 24.4 73.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

Tgt Ion:152 Resp: 163913
Ion Ratio Lower Upper
152 100
115 62.5 31.1 93.3
150 176.2 0.0 343.6





#73

Isopropylbenzene

Concen: 56.809 ug/l

RT: 12.694 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085716.D

Acq: 07 Feb 2025 23:06

Instrument :

MSVOA_N

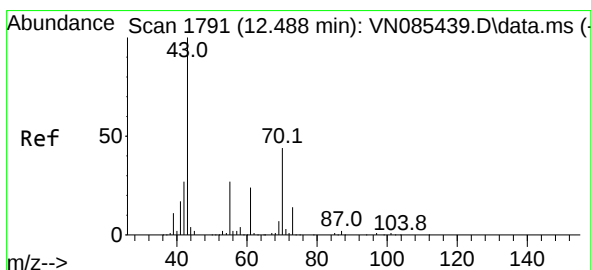
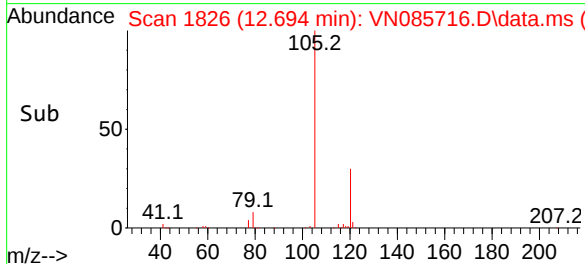
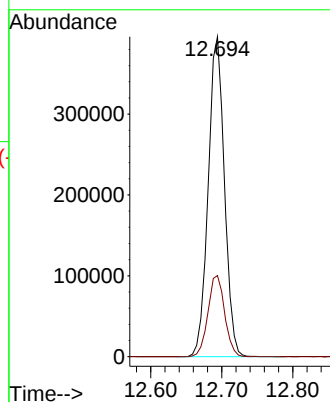
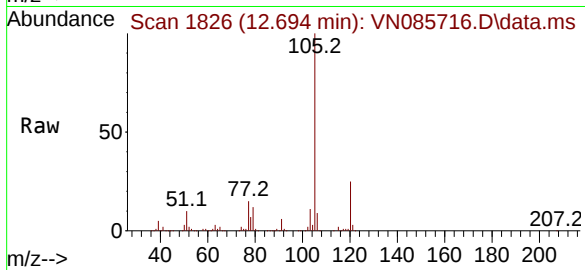
ClientSampleId :

Tgt Ion:105 Resp: 628467

Ion Ratio Lower Upper

105 100

120 26.1 12.8 38.3



#74

N-ethyl acetate

Concen: 51.938 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VN085716.D

Acq: 07 Feb 2025 23:06

Tgt Ion: 43 Resp: 258259

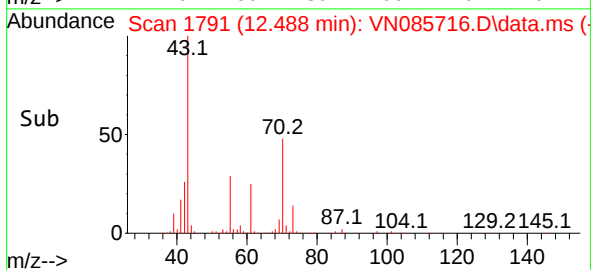
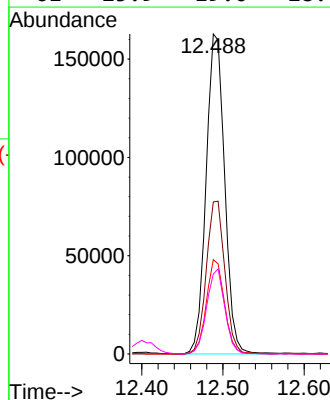
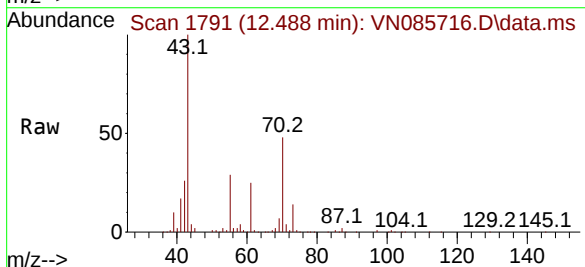
Ion Ratio Lower Upper

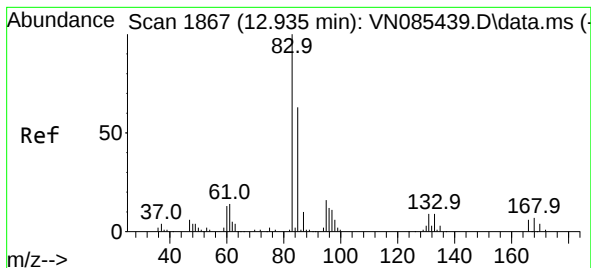
43 100

70 47.7 34.0 51.0

55 28.9 21.4 32.2

61 25.9 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 53.738 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN085716.D

Acq: 07 Feb 2025 23:06

Instrument :

MSVOA_N

ClientSampleId :

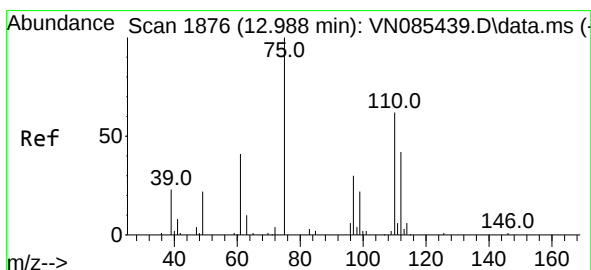
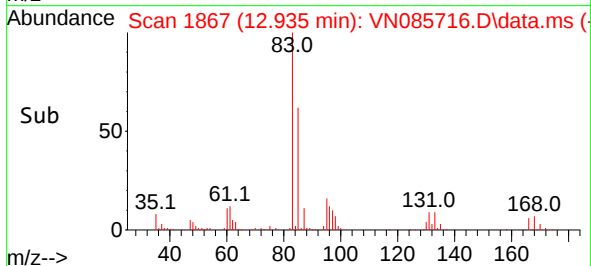
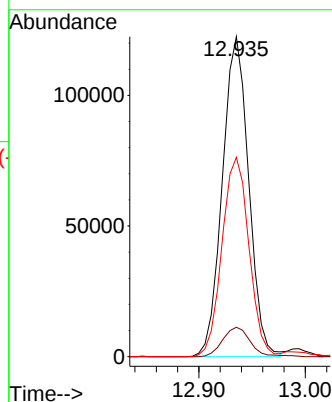
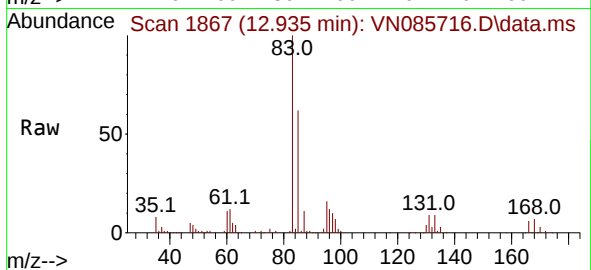
Tgt Ion: 83 Resp: 209999

Ion Ratio Lower Upper

83 100

131 9.7 4.8 14.4

85 63.8 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 79.367 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. -0.000 min

Lab File: VN085716.D

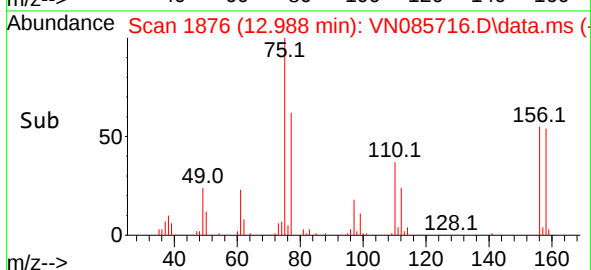
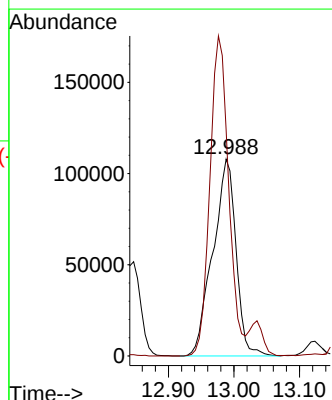
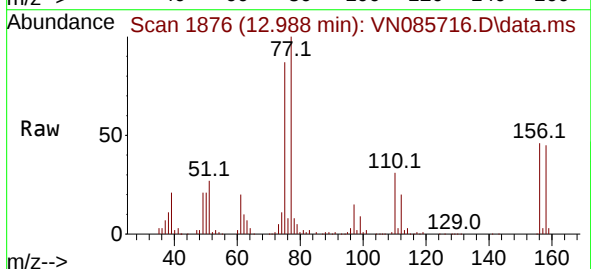
Acq: 07 Feb 2025 23:06

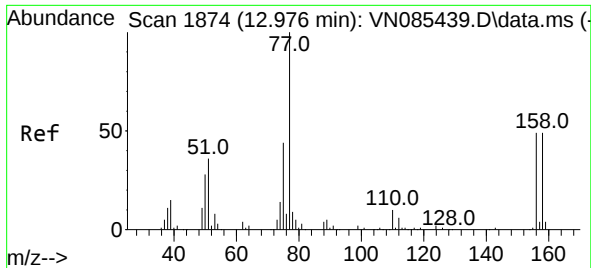
Tgt Ion: 75 Resp: 264418

Ion Ratio Lower Upper

75 100

77 132.6 109.7 329.2

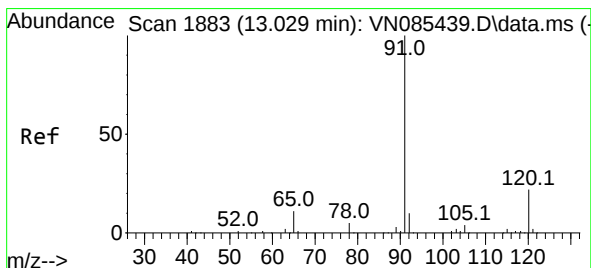
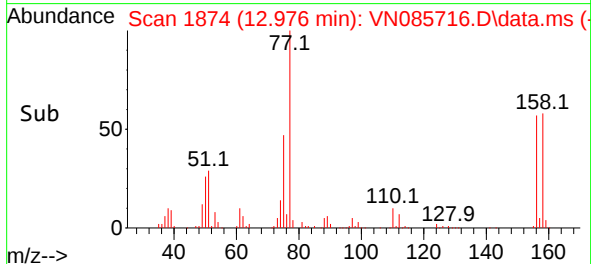
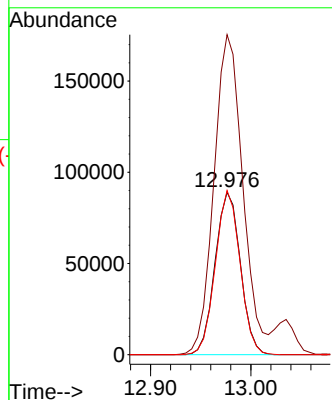
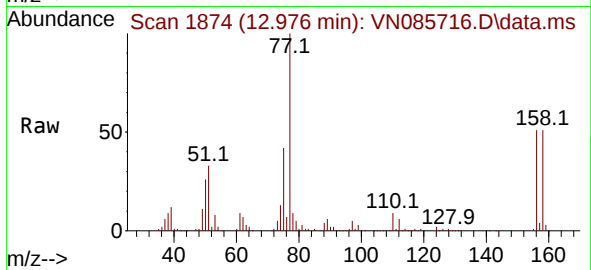




#77
Bromobenzene
Concen: 54.091 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

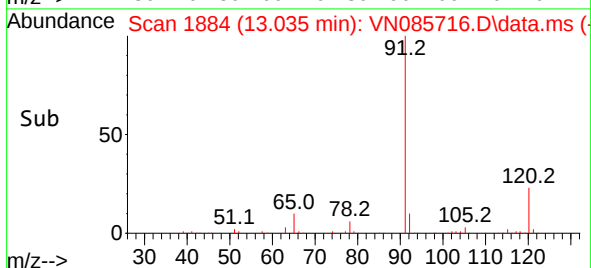
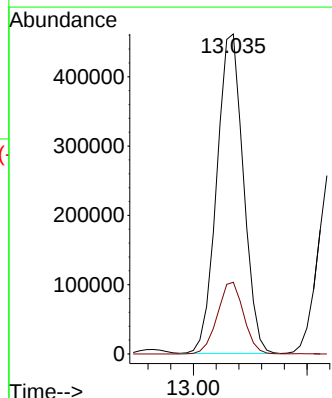
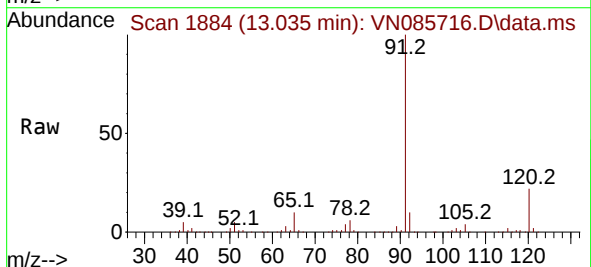
Instrument :
MSVOA_N
ClientSampleId :

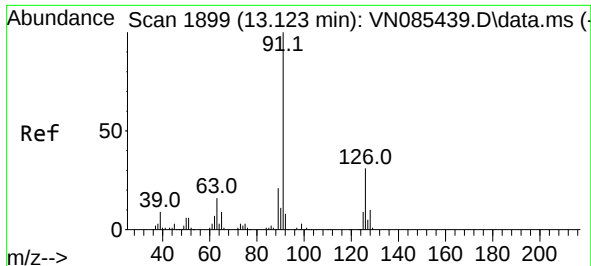
Tgt Ion:156 Resp: 156340
Ion Ratio Lower Upper
156 100
77 224.2 114.1 342.4
158 98.5 48.9 146.8



#78
n-propylbenzene
Concen: 57.231 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

Tgt Ion: 91 Resp: 749518
Ion Ratio Lower Upper
91 100
120 22.1 10.9 32.6

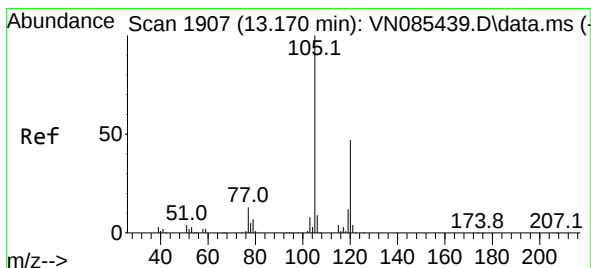
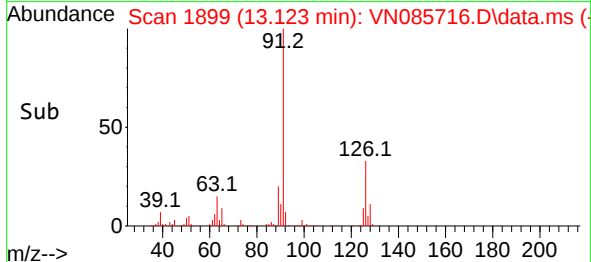
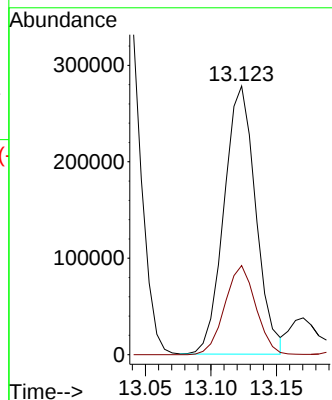
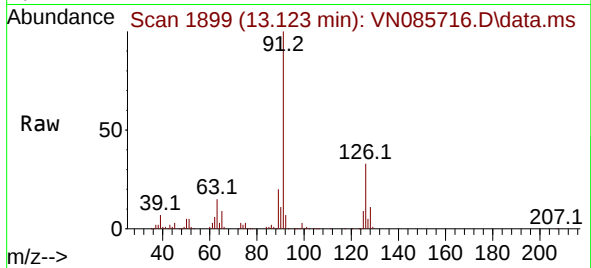




#79
2-Chlorotoluene
Concen: 55.221 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

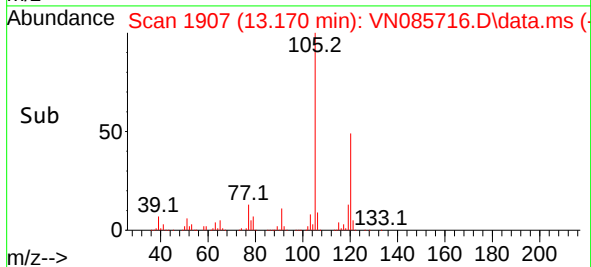
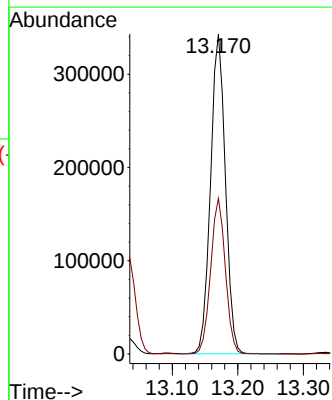
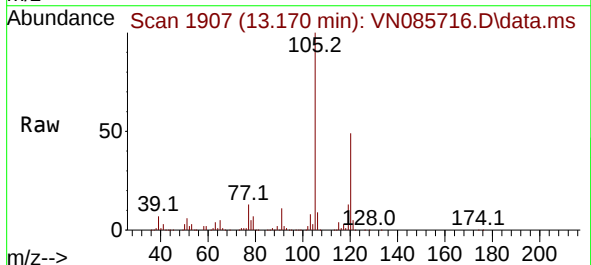
Instrument :
MSVOA_N
ClientSampleId :

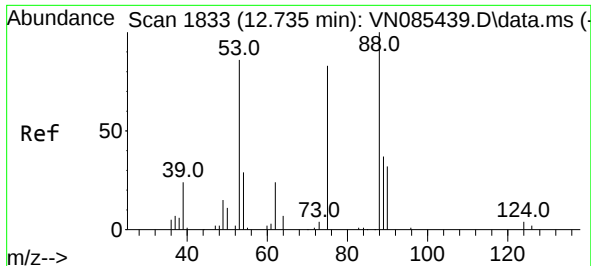
Tgt Ion: 91 Resp: 468050
Ion Ratio Lower Upper
91 100
126 32.5 15.7 47.1



#80
1,3,5-Trimethylbenzene
Concen: 59.006 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

Tgt Ion:105 Resp: 539187
Ion Ratio Lower Upper
105 100
120 48.3 23.9 71.7

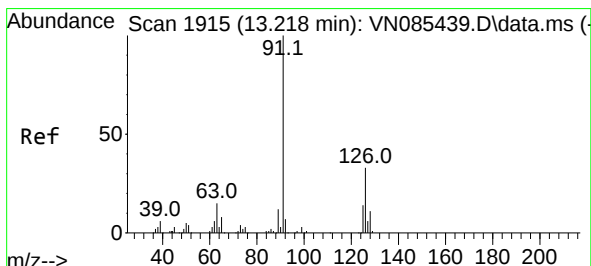
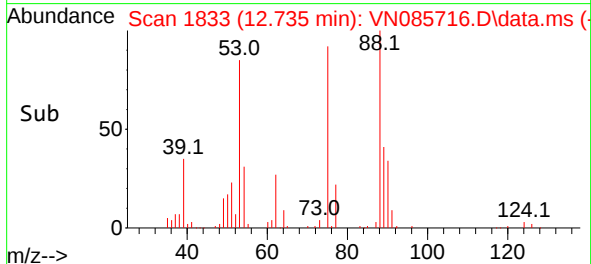
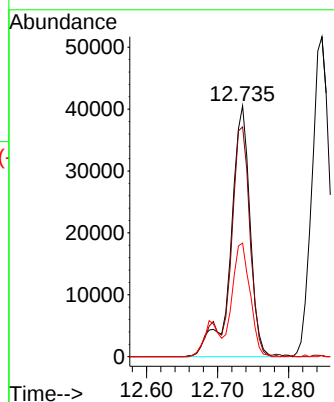
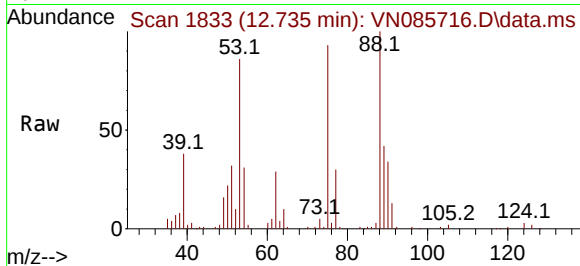




#81
trans-1,4-Dichloro-2-butene
Concen: 61.893 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

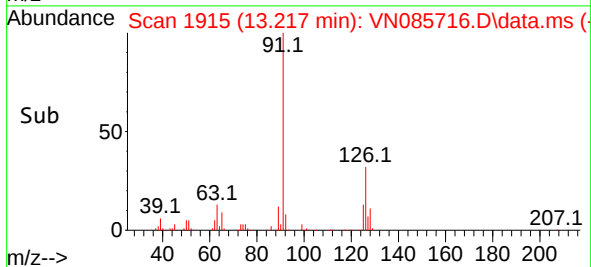
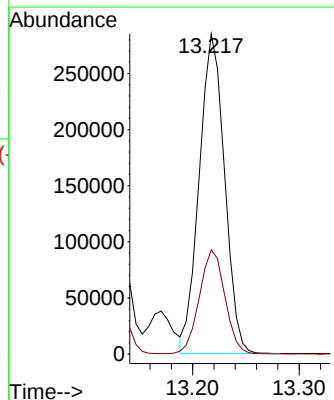
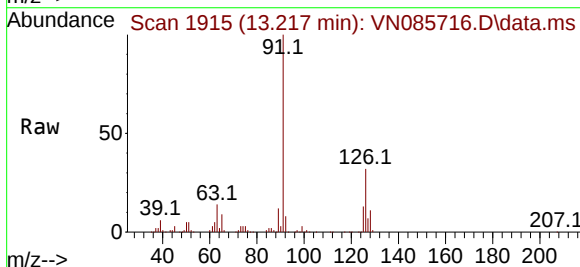
Instrument :
MSVOA_N
ClientSampleId :

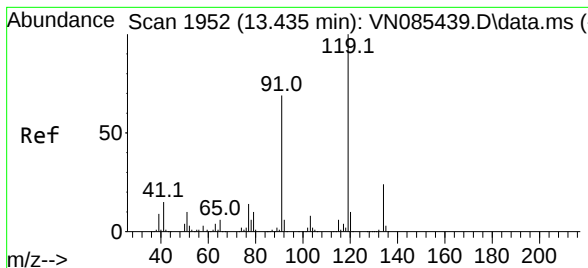
Tgt Ion:	75	Resp:	76214
Ion	Ratio	Lower	Upper
75	100		
53	83.0	95.6	143.4#
89	41.9	37.0	55.6



#82
4-Chlorotoluene
Concen: 55.777 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

Tgt Ion:	91	Resp:	470726
Ion	Ratio	Lower	Upper
91	100		
126	32.9	15.9	47.7





#83

tert-Butylbenzene

Concen: 56.206 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN085716.D

Acq: 07 Feb 2025 23:06

Instrument :

MSVOA_N

ClientSampleId :

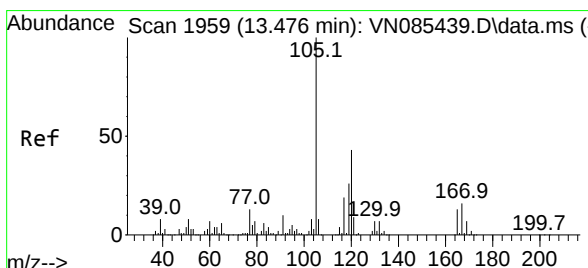
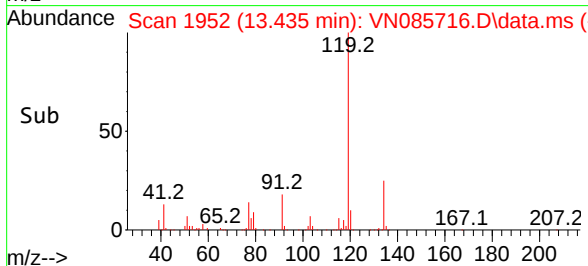
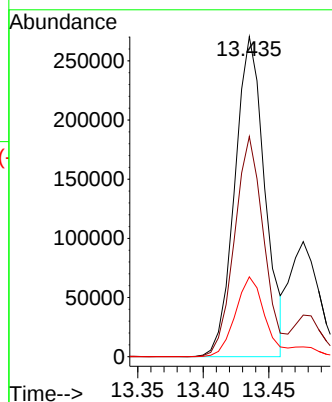
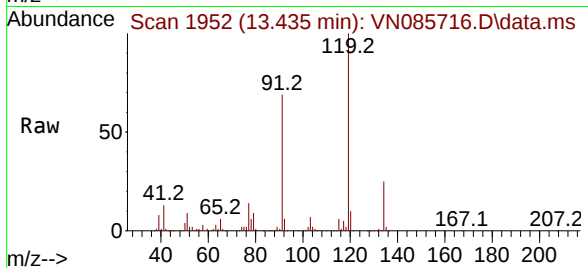
Tgt Ion:119 Resp: 431313

Ion Ratio Lower Upper

119 100

91 68.1 35.1 105.3

134 24.5 12.0 36.1



#84

1,2,4-Trimethylbenzene

Concen: 59.763 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VN085716.D

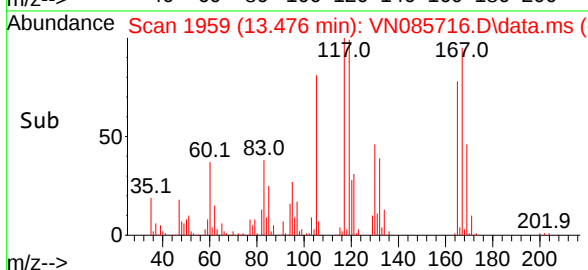
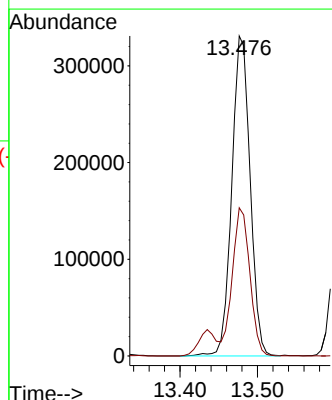
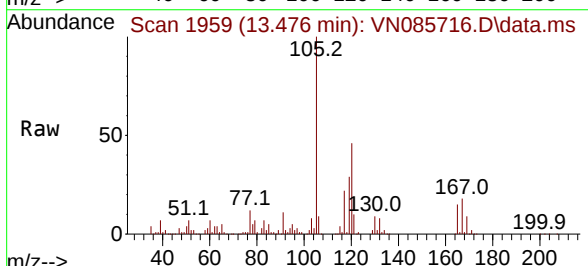
Acq: 07 Feb 2025 23:06

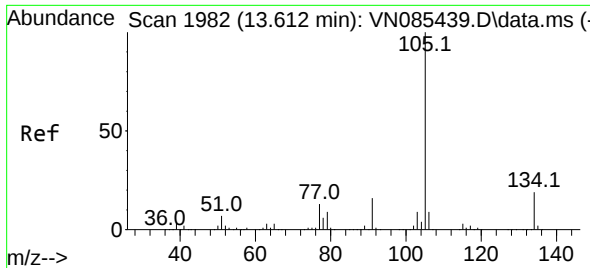
Tgt Ion:105 Resp: 544289

Ion Ratio Lower Upper

105 100

120 44.2 21.6 65.0

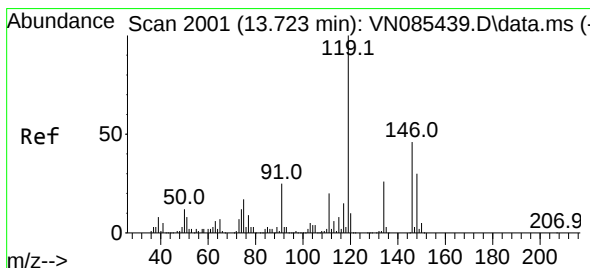
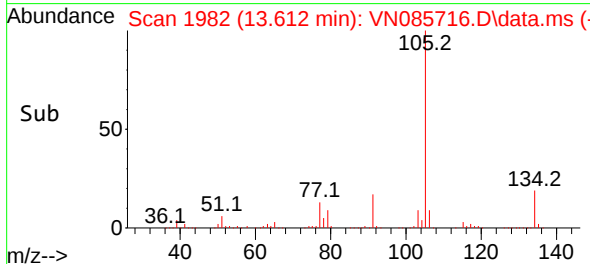
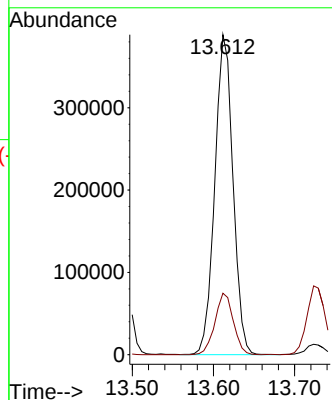
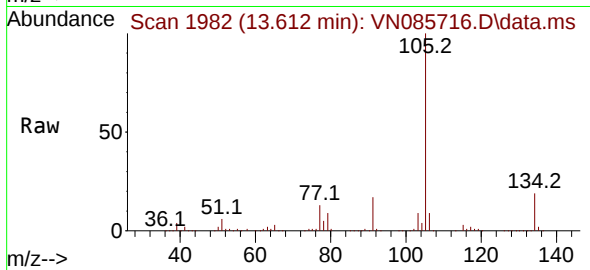




#85
 sec-Butylbenzene
 Concen: 56.968 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085716.D
 Acq: 07 Feb 2025 23:06

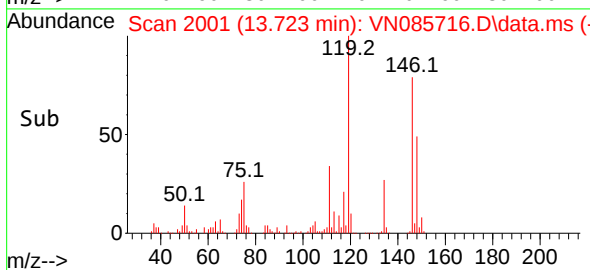
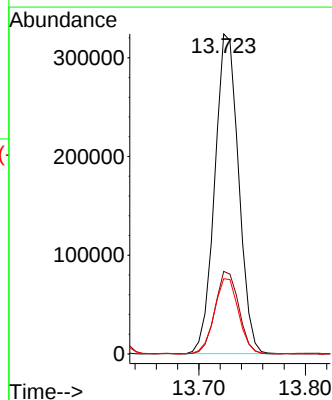
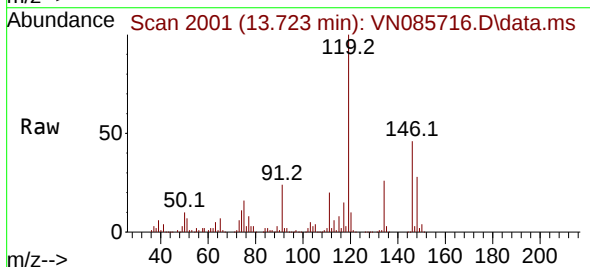
Instrument :
 MSVOA_N
 ClientSampleId :

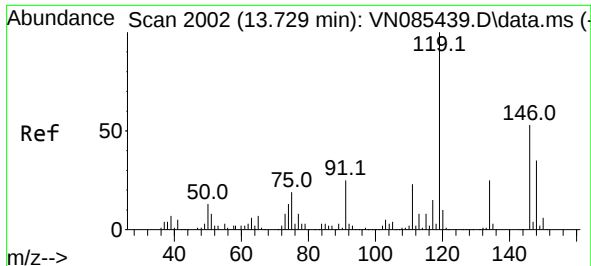
Tgt Ion:105 Resp: 605891
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 52.277 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085716.D
 Acq: 07 Feb 2025 23:06

Tgt Ion:119 Resp: 503476
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.7 38.0
 91 23.9 12.7 38.1

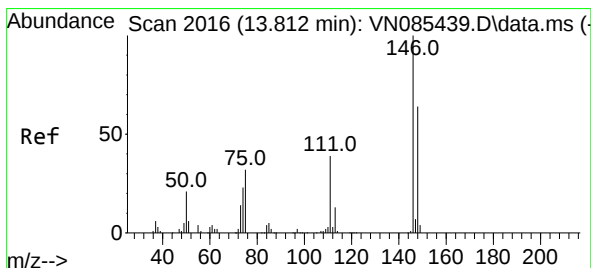
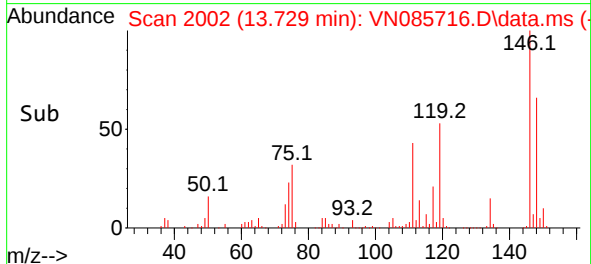
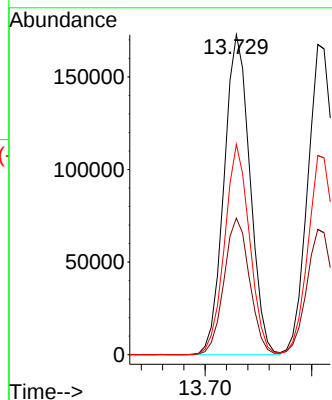
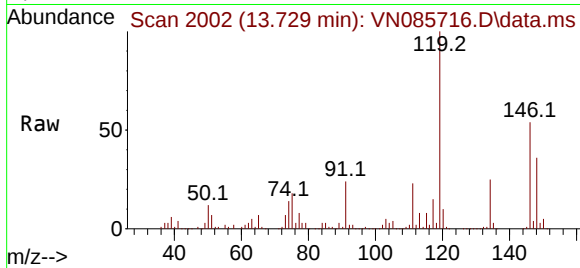




#87
 1,3-Dichlorobenzene
 Concen: 54.776 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN085716.D
 Acq: 07 Feb 2025 23:06

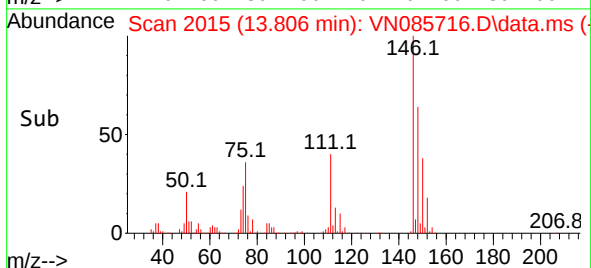
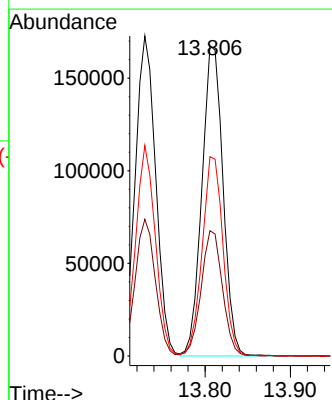
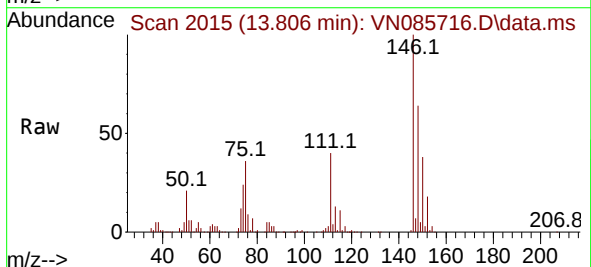
Instrument :
 MSVOA_N
 ClientSampleId :

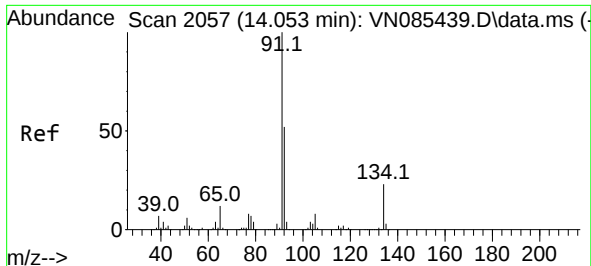
Tgt Ion:146 Resp: 291562
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.4 64.3
 148 63.4 32.3 96.9



#88
 1,4-Dichlorobenzene
 Concen: 52.297 ug/l
 RT: 13.806 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: VN085716.D
 Acq: 07 Feb 2025 23:06

Tgt Ion:146 Resp: 288531
 Ion Ratio Lower Upper
 146 100
 111 40.3 21.3 63.7
 148 63.4 32.4 97.0

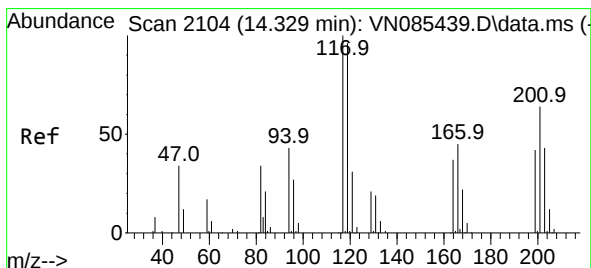
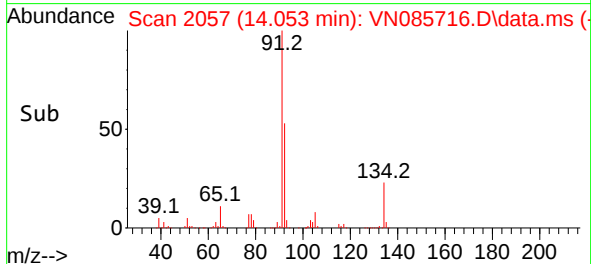
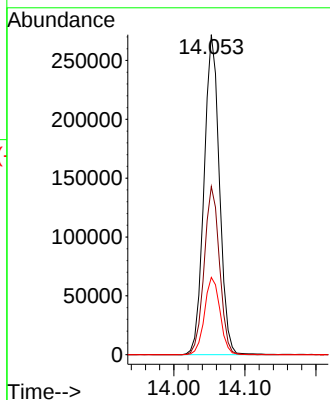
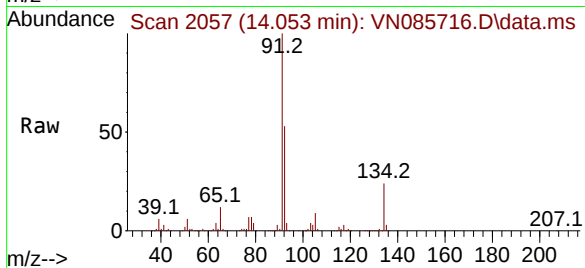




#89
n-Butylbenzene
Concen: 53.689 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

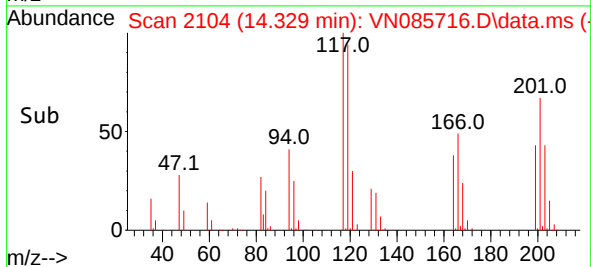
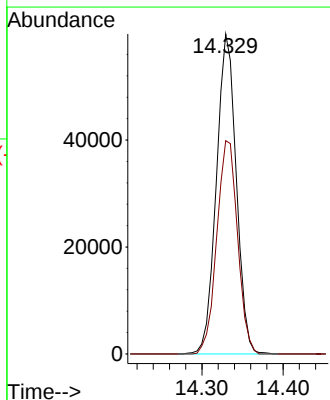
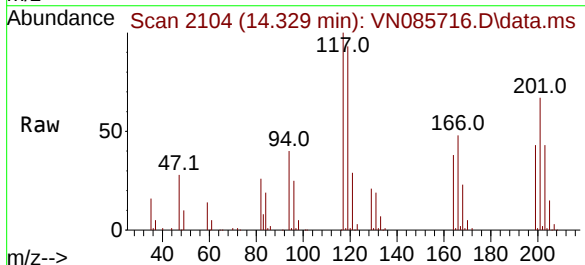
Instrument :
MSVOA_N
ClientSampleId :

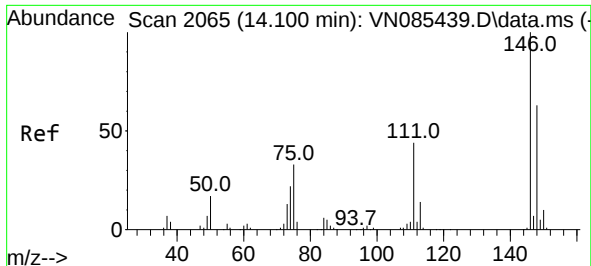
Tgt Ion: 91 Resp: 409647
Ion Ratio Lower Upper
91 100
92 52.3 25.8 77.3
134 24.4 11.7 35.1



#90
Hexachloroethane
Concen: 50.341 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

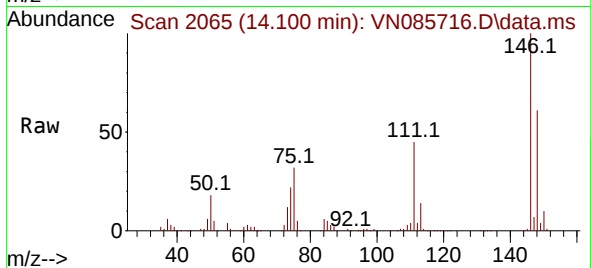
Tgt Ion: 117 Resp: 101925
Ion Ratio Lower Upper
117 100
201 69.6 33.7 101.0



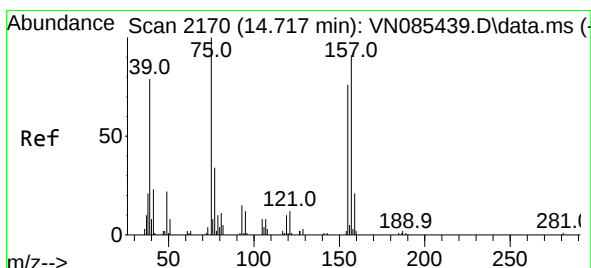
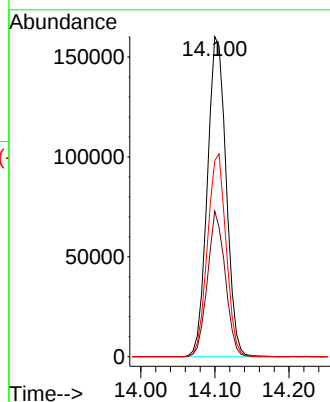
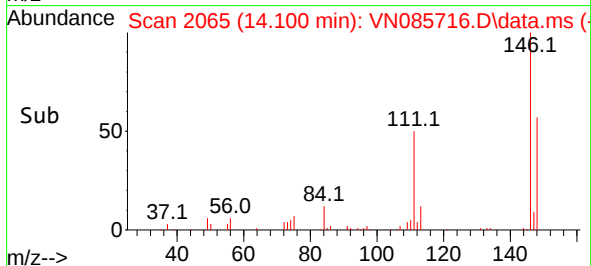


#91
1,2-Dichlorobenzene
Concen: 53.090 ug/l
RT: 14.100 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

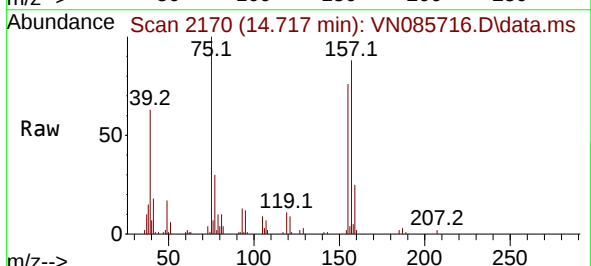
Instrument :
MSVOA_N
ClientSampleId :



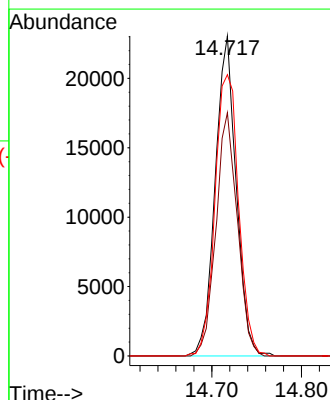
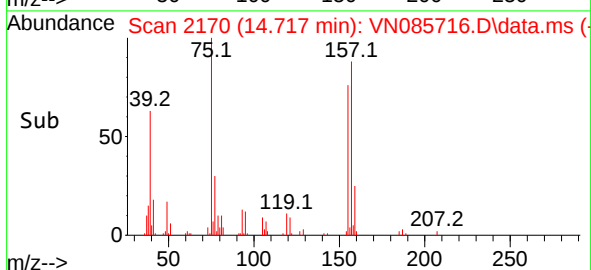
Tgt Ion:146 Resp: 281875
Ion Ratio Lower Upper
146 100
111 42.9 21.7 65.1
148 62.8 31.4 94.2

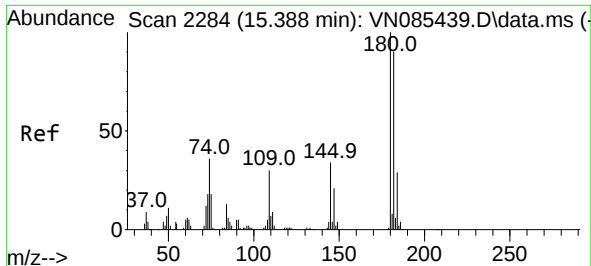


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.618 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06



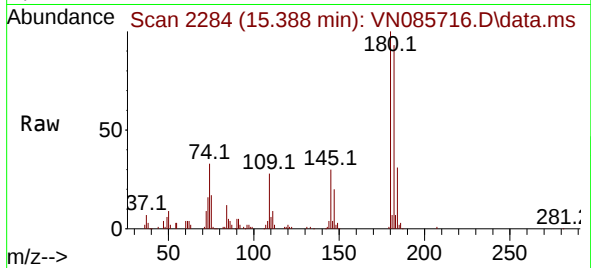
Tgt Ion: 75 Resp: 37548
Ion Ratio Lower Upper
75 100
155 77.2 36.4 109.2
157 98.8 45.4 136.1



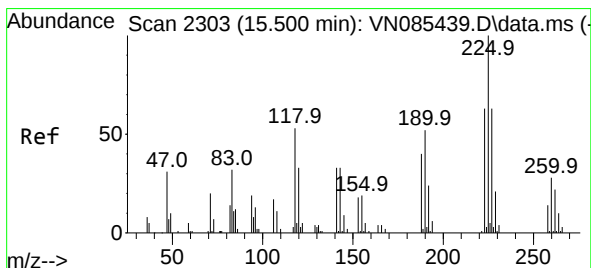
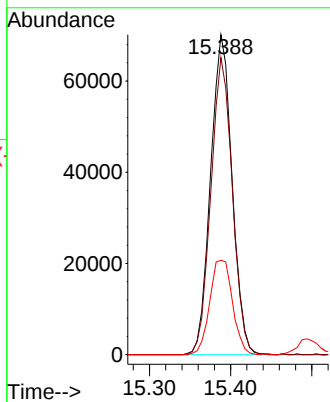
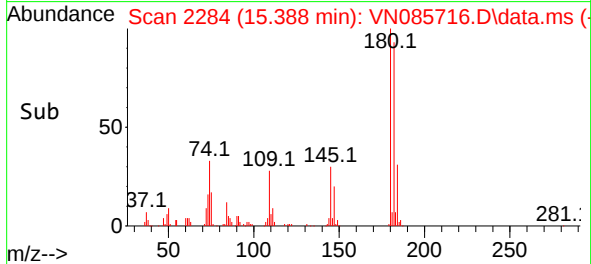


#93
1,2,4-Trichlorobenzene
Concen: 52.276 ug/l
RT: 15.388 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06

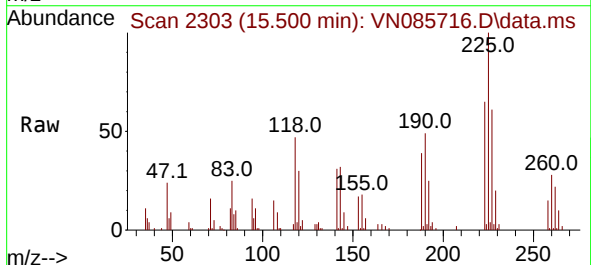
Instrument :
MSVOA_N
ClientSampleId :



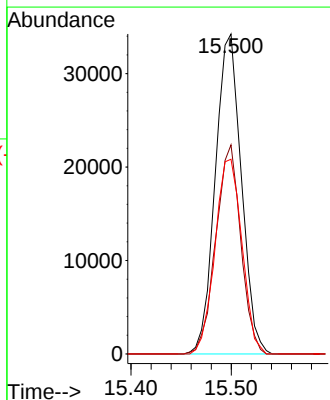
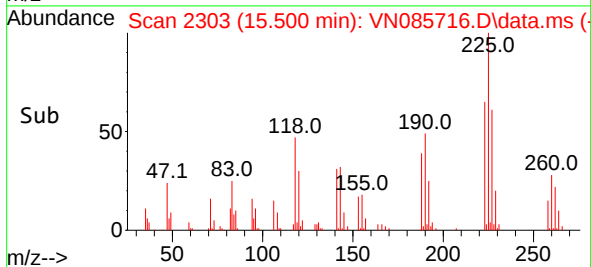
Tgt Ion:180 Resp: 128999
Ion Ratio Lower Upper
180 100
182 92.7 46.8 140.3
145 31.3 16.0 48.0

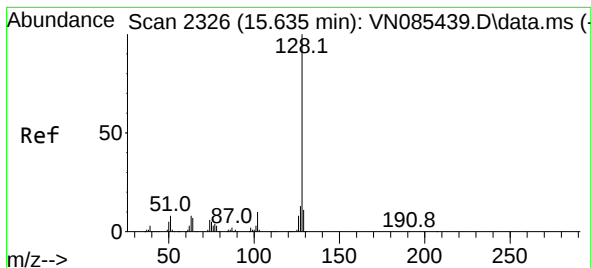


#94
Hexachlorobutadiene
Concen: 47.141 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN085716.D
Acq: 07 Feb 2025 23:06



Tgt Ion:225 Resp: 61760
Ion Ratio Lower Upper
225 100
223 62.7 30.7 92.1
227 62.9 30.9 92.5





#95

Naphthalene

Concen: 54.486 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN085716.D

Acq: 07 Feb 2025 23:06

Instrument :

MSVOA_N

ClientSampleId :

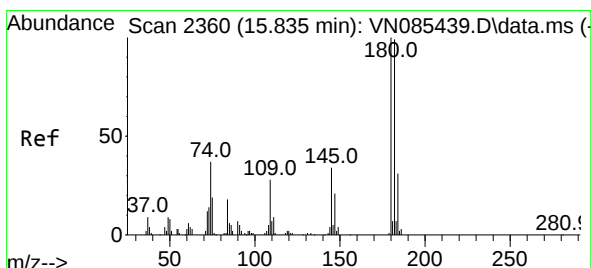
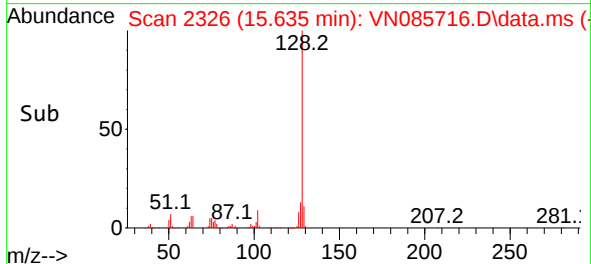
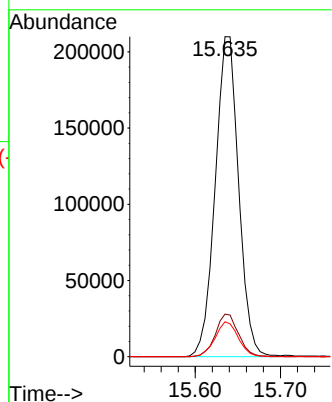
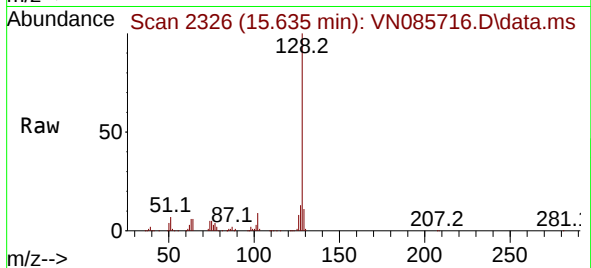
Tgt Ion:128 Resp: 401209

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 50.342 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN085716.D

Acq: 07 Feb 2025 23:06

Tgt Ion:180 Resp: 125699

Ion Ratio Lower Upper

180 100

182 97.0 47.4 142.2

145 34.1 16.9 50.7

