

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011625\
 Data File : VN085468.D
 Acq On : 16 Jan 2025 13:53
 Operator : JC\MD
 Sample : VN0116WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 17 01:03:21 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	214710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	362607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	307381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	146825	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	172101	49.656	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.320%
35) Dibromofluoromethane	8.165	113	126709	50.369	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.740%
50) Toluene-d8	10.565	98	456652	51.092	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.180%
62) 4-Bromofluorobenzene	12.847	95	150448	49.207	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.420%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	50810	17.478	ug/l	99
3) Chloromethane	2.359	50	54637	17.358	ug/l	94
4) Vinyl Chloride	2.512	62	53269	16.837	ug/l	99
5) Bromomethane	2.965	94	34360	17.980	ug/l	95
6) Chloroethane	3.124	64	36177	18.036	ug/l	98
7) Trichlorofluoromethane	3.501	101	83238	18.132	ug/l	99
8) Diethyl Ether	3.959	74	25592	16.137	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	46779	18.092	ug/l #	86
10) Methyl Iodide	4.595	142	52093	17.593	ug/l	95
11) Tert butyl alcohol	5.506	59	31515	79.410	ug/l #	87
12) 1,1-Dichloroethene	4.342	96	40220	17.454	ug/l	98
13) Acrolein	4.171	56	44414	81.982	ug/l	95
14) Allyl chloride	5.018	41	63914	17.093	ug/l	98
15) Acrylonitrile	5.718	53	113612	90.128	ug/l	99
16) Acetone	4.424	43	94029	83.966	ug/l	95
17) Carbon Disulfide	4.712	76	113930	16.058	ug/l #	95
18) Methyl Acetate	5.024	43	60560	17.784	ug/l	99
19) Methyl tert-butyl Ether	5.783	73	131549	17.581	ug/l	99
20) Methylene Chloride	5.277	84	48264	17.409	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	42837	17.395	ug/l	96
22) Diisopropyl ether	6.665	45	152963	18.431	ug/l	98
23) Vinyl Acetate	6.600	43	528364	90.969	ug/l	99
24) 1,1-Dichloroethane	6.565	63	89599	17.705	ug/l	99
25) 2-Butanone	7.477	43	145025	88.003	ug/l	95
26) 2,2-Dichloropropane	7.483	77	78575	19.205	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	51231	17.662	ug/l	98
28) Bromochloromethane	7.806	49	38718	16.445	ug/l	99
29) Tetrahydrofuran	7.830	42	95092	91.013	ug/l	99
30) Chloroform	7.959	83	92936	17.769	ug/l	98
31) Cyclohexane	8.253	56	73585	16.729	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	82647	18.014	ug/l	96
36) 1,1-Dichloropropene	8.365	75	62886	17.812	ug/l	97
37) Ethyl Acetate	7.553	43	58836	16.510	ug/l	97
38) Carbon Tetrachloride	8.359	117	74631	18.464	ug/l	96
39) Methylcyclohexane	9.600	83	58917	17.758	ug/l	94
40) Benzene	8.600	78	193909	18.279	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	34112	18.399	ug/l	95
42) 1,2-Dichloroethane	8.665	62	73482	18.392	ug/l	98
43) Isopropyl Acetate	8.683	43	103079	18.052	ug/l	99
44) Trichloroethene	9.347	130	42165	17.075	ug/l	91
45) 1,2-Dichloropropane	9.618	63	48619	17.943	ug/l	98
46) Dibromomethane	9.706	93	34627	17.710	ug/l	99
47) Bromodichloromethane	9.883	83	73622	18.483	ug/l	95
48) Methyl methacrylate	9.677	41	46704	18.175	ug/l	98
49) 1,4-Dioxane	9.688	88	12989	300.161	ug/l #	77
51) 4-Methyl-2-Pentanone	10.441	43	309648	93.449	ug/l	98
52) Toluene	10.630	92	113616	18.484	ug/l	97
53) t-1,3-Dichloropropene	10.830	75	68626	18.231	ug/l	92
54) cis-1,3-Dichloropropene	10.306	75	74745	18.589	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	44190	18.166	ug/l	98
56) Ethyl methacrylate	10.871	69	63244	16.769	ug/l	98
57) 1,3-Dichloropropane	11.159	76	78341	18.522	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	139773	90.546	ug/l	99
59) 2-Hexanone	11.194	43	216763	92.971	ug/l	97
60) Dibromochloromethane	11.353	129	52581	17.904	ug/l	99
61) 1,2-Dibromoethane	11.465	107	42838	17.692	ug/l	100
64) Tetrachloroethene	11.100	164	39588	18.892	ug/l	98
65) Chlorobenzene	11.888	112	124201	18.445	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.953	131	45214	18.295	ug/l	99
67) Ethyl Benzene	11.959	91	207788	18.946	ug/l	100
68) m/p-Xylenes	12.065	106	161071	39.737	ug/l	100
69) o-Xylene	12.394	106	72203	18.639	ug/l	96
70) Styrene	12.406	104	125516	19.579	ug/l	100
71) Bromoform	12.576	173	34384	19.444	ug/l #	99
73) Isopropylbenzene	12.694	105	189954	19.169	ug/l	99
74) N-amyl acetate	12.488	43	81769	18.358	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	64669	18.475	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	82196	27.543	ug/l	47
77) Bromobenzene	12.976	156	47811	18.467	ug/l	98
78) n-propylbenzene	13.029	91	229736	19.583	ug/l	100
79) 2-Chlorotoluene	13.123	91	142626	18.786	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	162910	19.903	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	21174	19.197	ug/l	97
82) 4-Chlorotoluene	13.218	91	144962	19.176	ug/l	100
83) tert-Butylbenzene	13.435	119	130247	18.948	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	161062	19.743	ug/l	100
85) sec-Butylbenzene	13.612	105	187726	19.705	ug/l	98
86) p-Isopropyltoluene	13.723	119	153063	19.313	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	88924	18.651	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	88555	17.919	ug/l	99
89) n-Butylbenzene	14.053	91	124658	18.239	ug/l	99
90) Hexachloroethane	14.329	117	32822	18.097	ug/l	99
91) 1,2-Dichlorobenzene	14.100	146	84403	17.747	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11449	17.911	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	37526	16.977	ug/l	99
94) Hexachlorobutadiene	15.500	225	20260	17.264	ug/l	98
95) Naphthalene	15.635	128	99391	15.069	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	36479	16.310	ug/l	98

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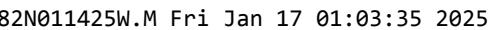
Instrument :
MSVOA_N
ClientSampleId :

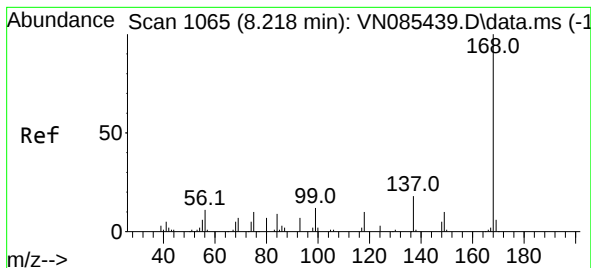
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. 0.006 min

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Instrument :

MSVOA_N

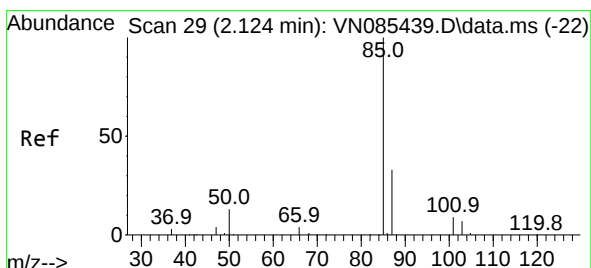
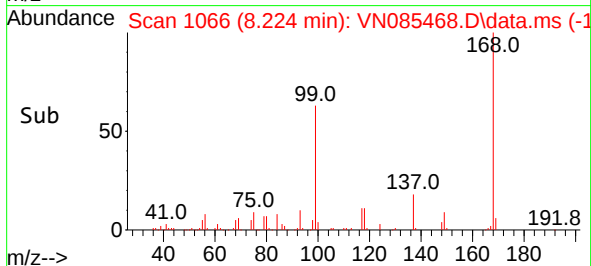
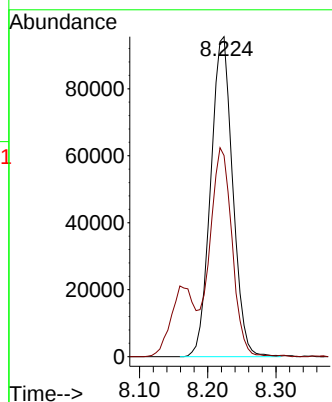
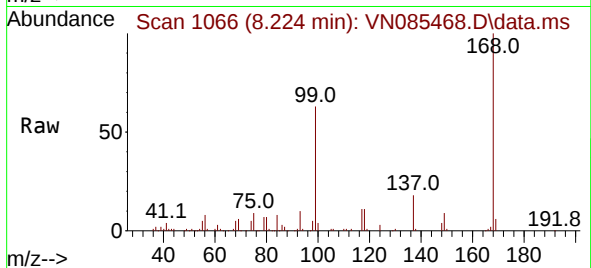
ClientSampleId :

Tgt Ion:168 Resp: 214710

Ion Ratio Lower Upper

168 100

99 62.5 53.6 80.4



#2

Dichlorodifluoromethane

Concen: 17.478 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN085468.D

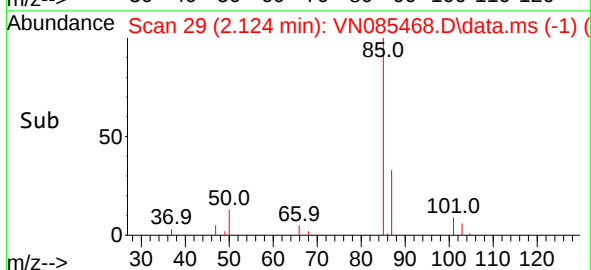
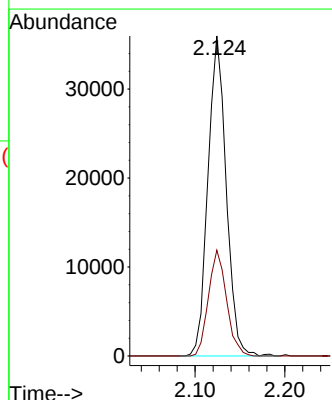
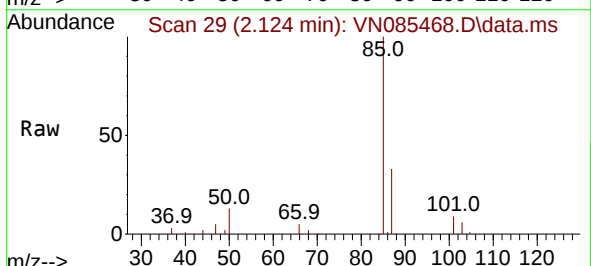
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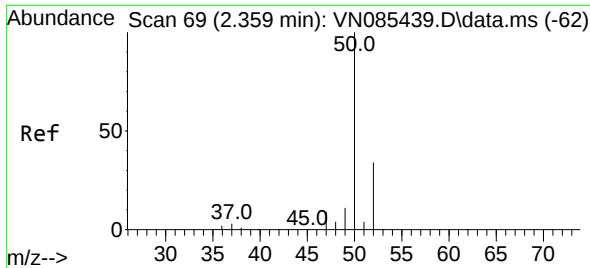
Tgt Ion: 85 Resp: 50810

Ion Ratio Lower Upper

85 100

87 33.0 16.7 50.1

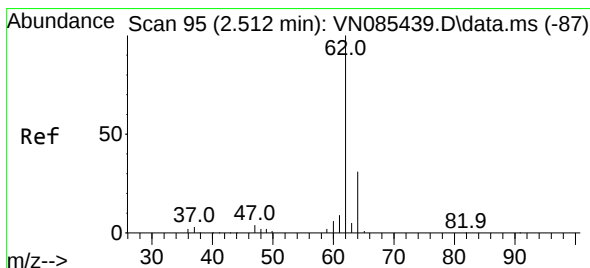
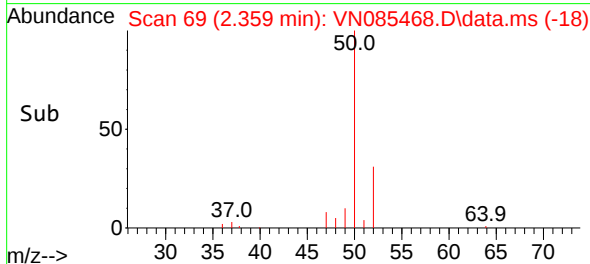
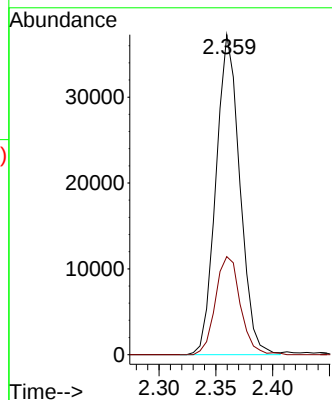
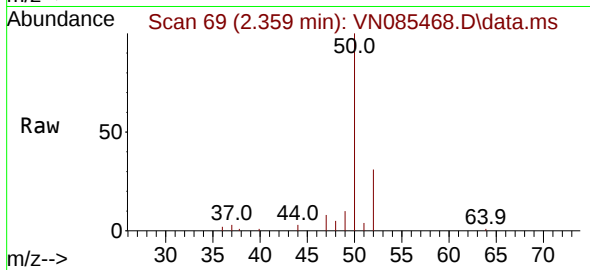




#3
 Chloromethane
 Concen: 17.358 ug/l
 RT: 2.359 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VN085468.D
 Acq: 16 Jan 2025 13:53

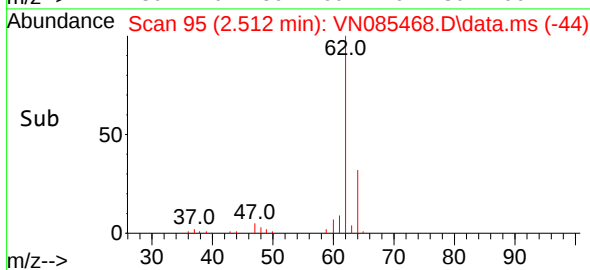
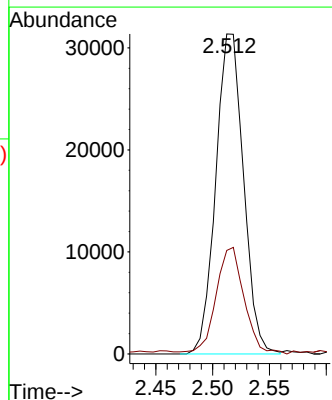
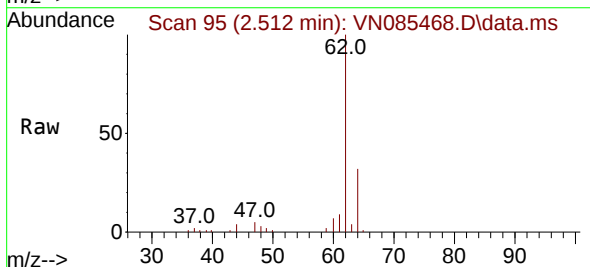
Instrument :
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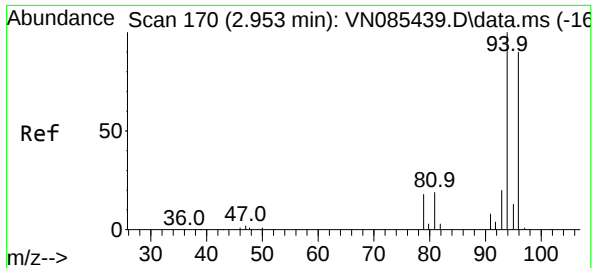
Tgt Ion: 50 Resp: 54637
 Ion Ratio Lower Upper
 50 100
 52 30.6 27.0 40.6



#4
 Vinyl Chloride
 Concen: 16.837 ug/l
 RT: 2.512 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VN085468.D
 Acq: 16 Jan 2025 13:53

Tgt Ion: 62 Resp: 53269
 Ion Ratio Lower Upper
 62 100
 64 31.7 24.8 37.2

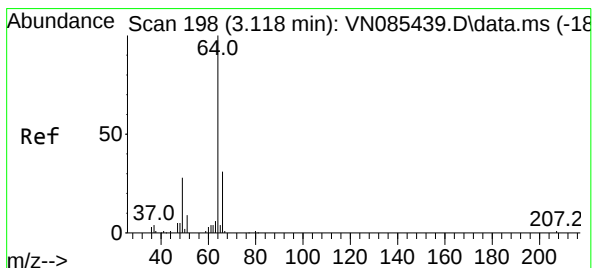
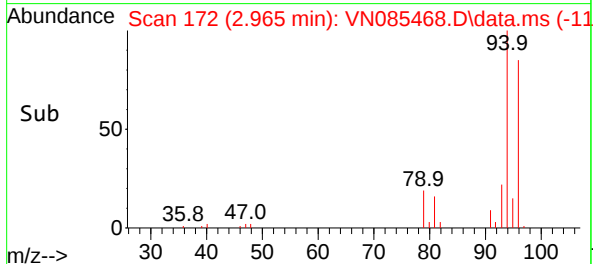
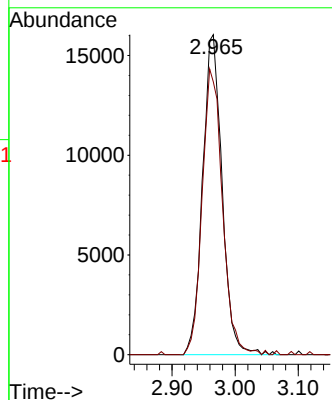
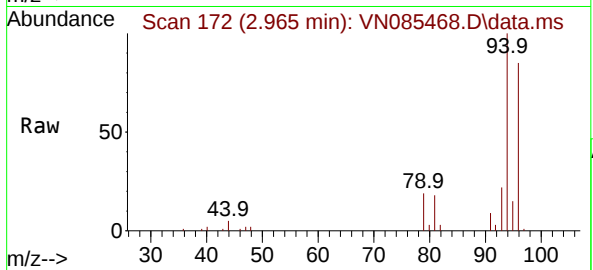




#5
Bromomethane
Concen: 17.980 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

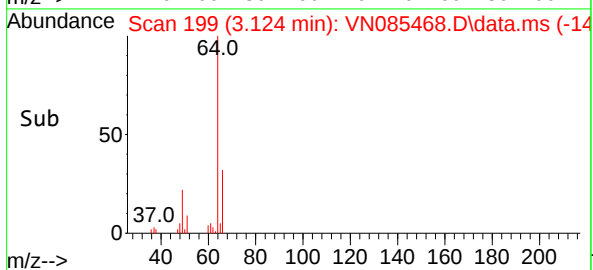
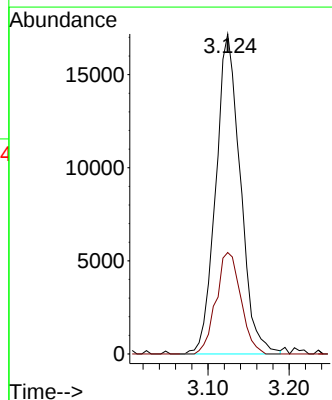
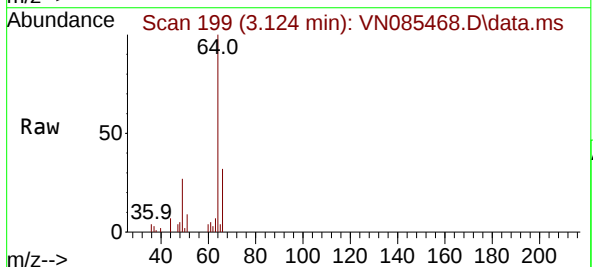
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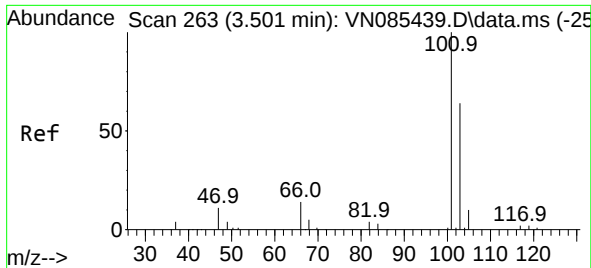
Tgt Ion: 94 Resp: 34360
Ion Ratio Lower Upper
94 100
96 85.3 71.8 107.6



#6
Chloroethane
Concen: 18.036 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

Tgt Ion: 64 Resp: 36177
Ion Ratio Lower Upper
64 100
66 31.7 24.6 36.8

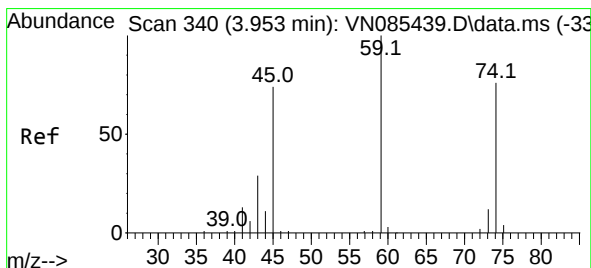
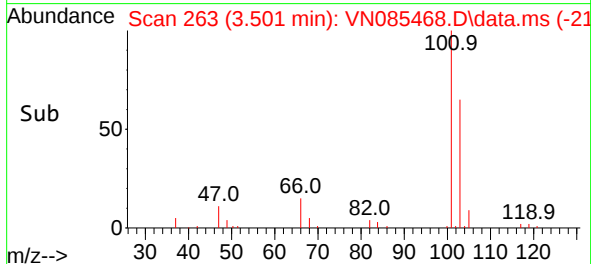
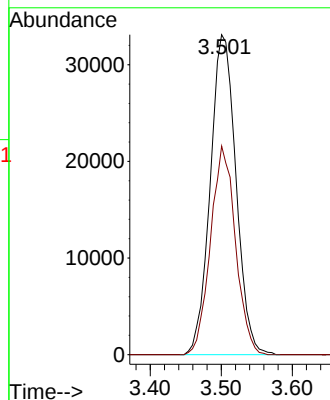
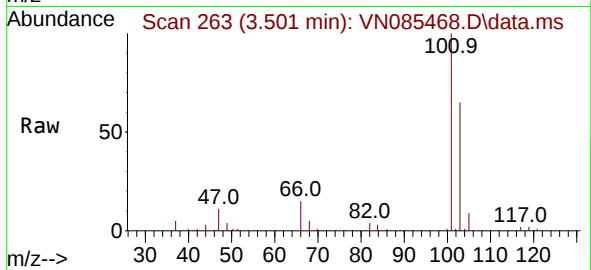




#7
Trichlorofluoromethane
Concen: 18.132 ug/l
RT: 3.501 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

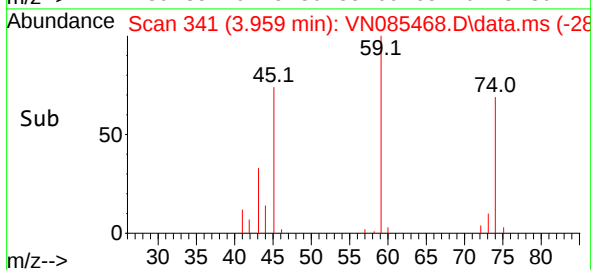
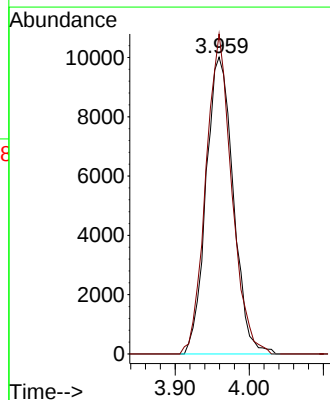
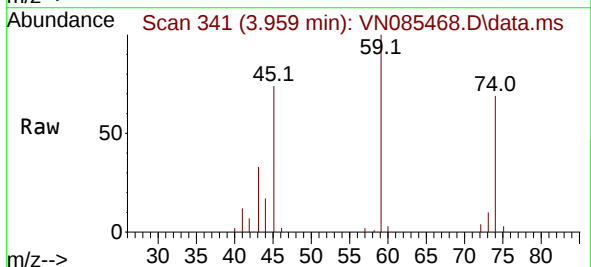
Instrument :
MSVOA_N
ClientSampleId :

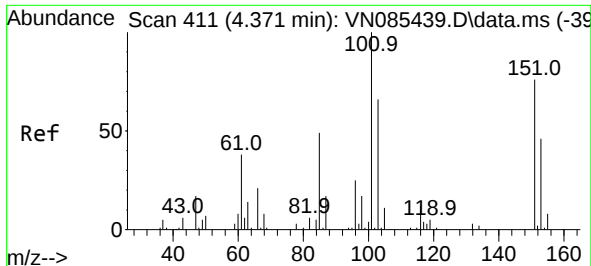
Tgt Ion:101 Resp: 83238
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.2



#8
Diethyl Ether
Concen: 16.137 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

Tgt Ion: 74 Resp: 25592
Ion Ratio Lower Upper
74 100
45 102.6 49.7 149.1

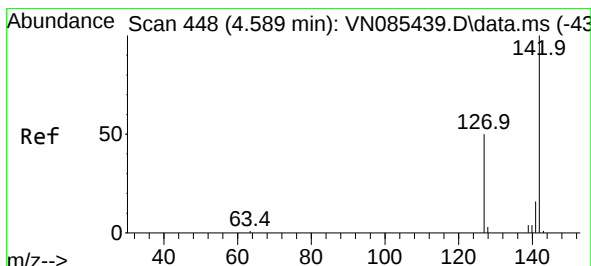
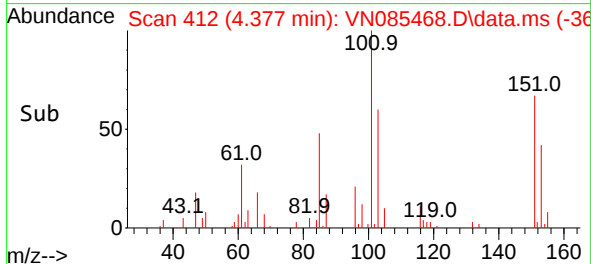
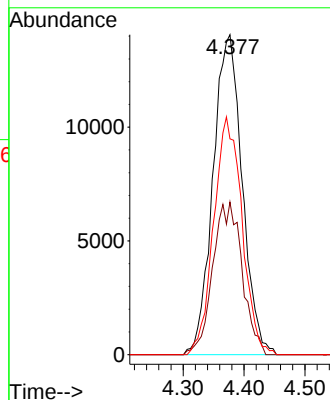
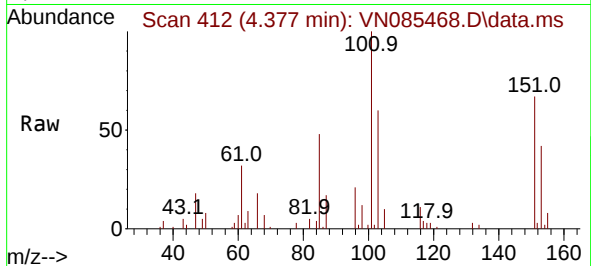




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.092 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

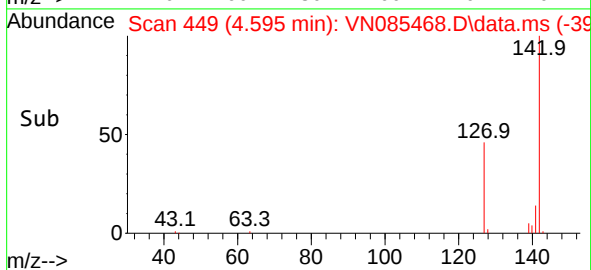
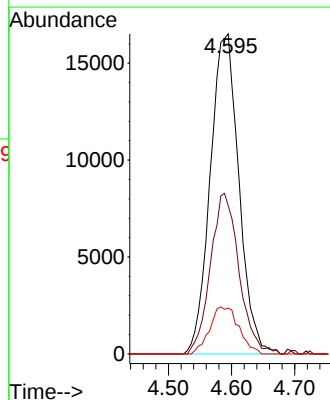
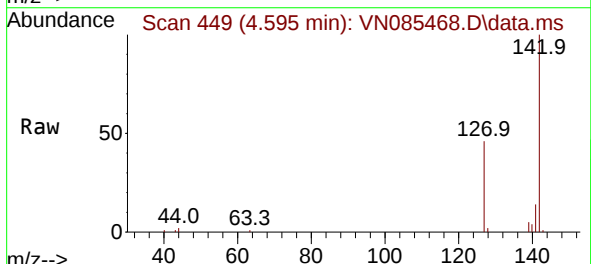
Instrument :
MSVOA_N
ClientSampleId :

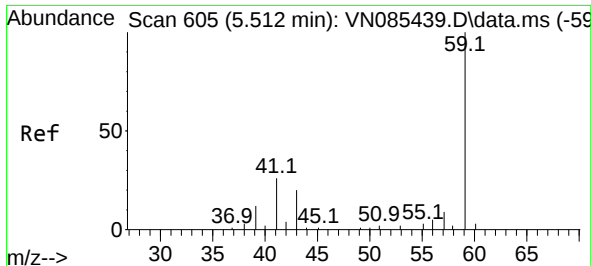
Tgt Ion:101 Resp: 46779
Ion Ratio Lower Upper
101 100
85 24.7 37.8 56.8#
151 72.2 58.8 88.2



#10
Methyl Iodide
Concen: 17.593 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

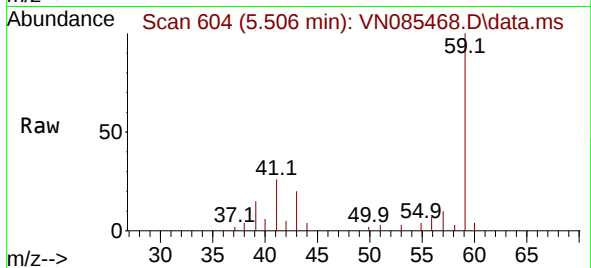
Tgt Ion:142 Resp: 52093
Ion Ratio Lower Upper
142 100
127 46.3 40.3 60.5
141 14.4 12.8 19.2



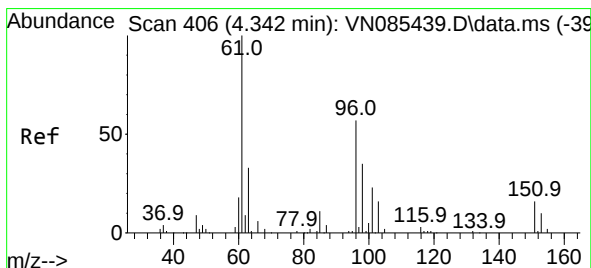
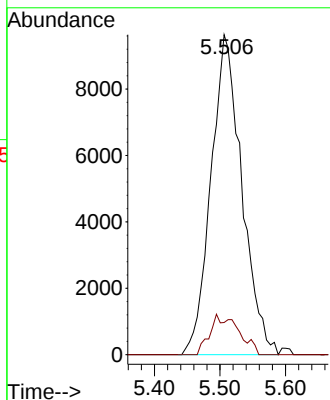
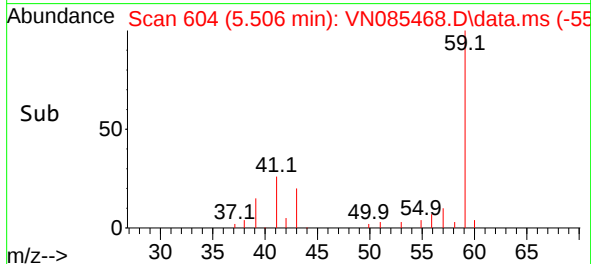


#11
Tert butyl alcohol
Concen: 79.410 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

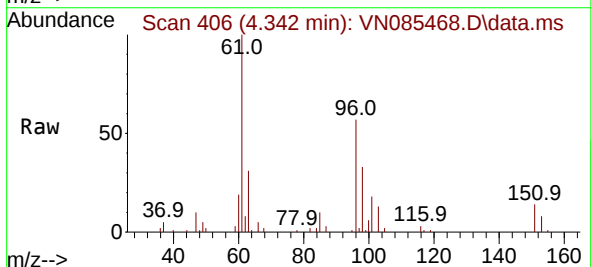
Instrument :
MSVOA_N
ClientSampleId :



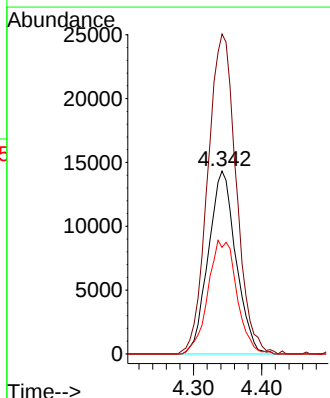
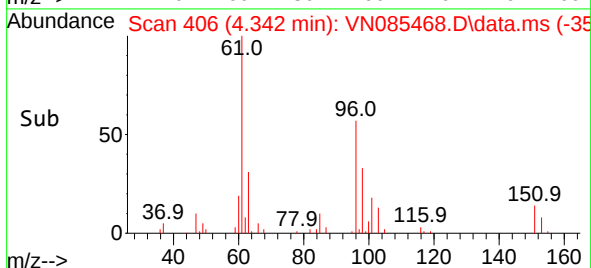
Tgt Ion: 59 Resp: 31515
Ion Ratio Lower Upper
59 100
57 5.9 8.6 13.0#

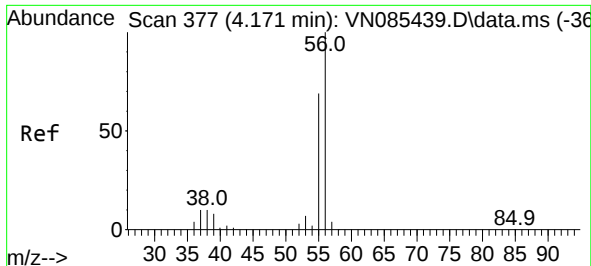


#12
1,1-Dichloroethene
Concen: 17.454 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53



Tgt Ion: 96 Resp: 40220
Ion Ratio Lower Upper
96 100
61 175.0 141.0 211.4
98 58.2 49.0 73.6





#13

Acrolein

Concen: 81.982 ug/l

RT: 4.171 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN085468.D

Acq: 16 Jan 2025 13:53

Instrument :

MSVOA_N

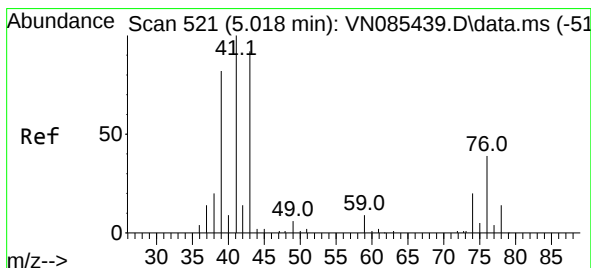
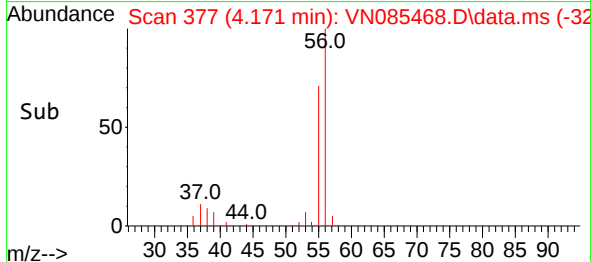
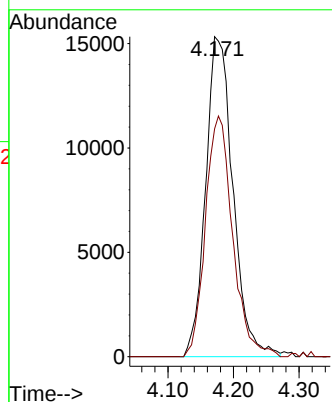
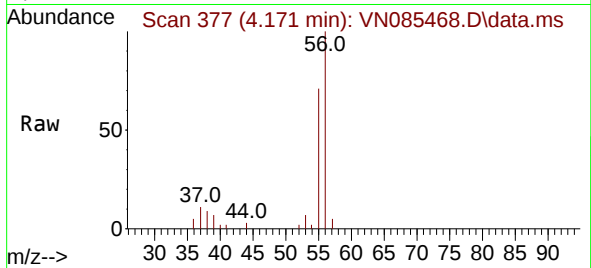
ClientSampleId :

Tgt Ion: 56 Resp: 44414

Ion Ratio Lower Upper

56 100

55 74.8 56.3 84.5



#14

Allyl chloride

Concen: 17.093 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN085468.D

Acq: 16 Jan 2025 13:53

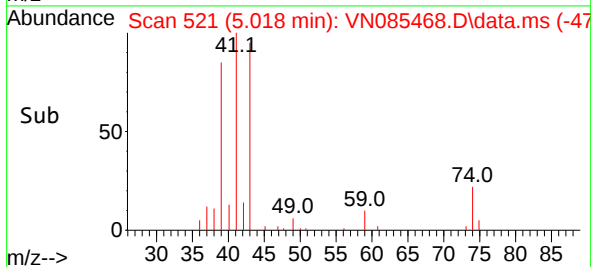
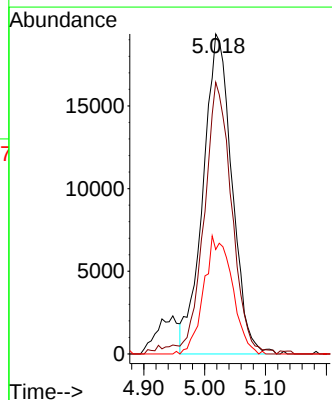
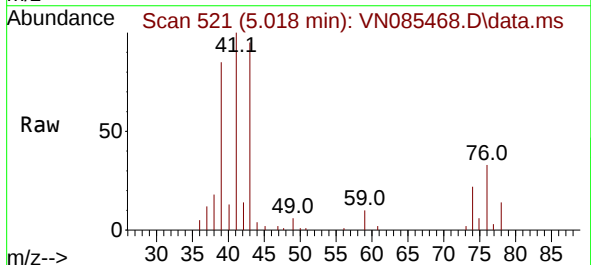
Tgt Ion: 41 Resp: 63914

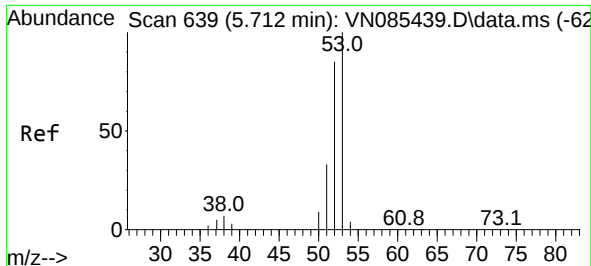
Ion Ratio Lower Upper

41 100

39 81.3 64.4 96.6

76 36.2 30.5 45.7

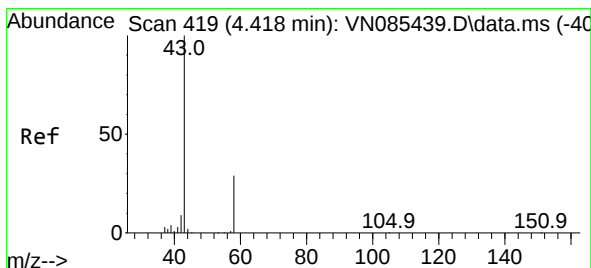
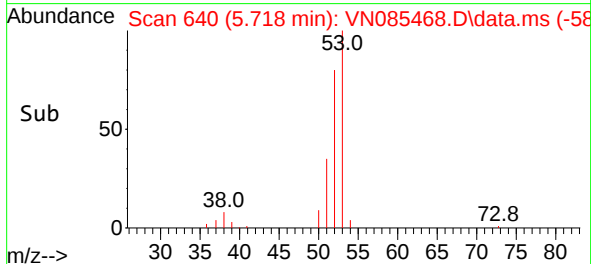
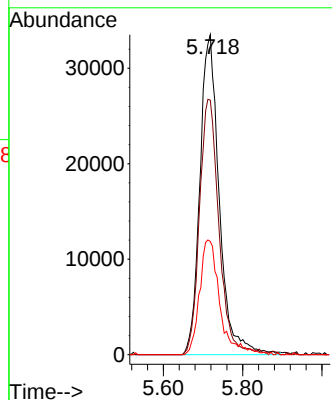
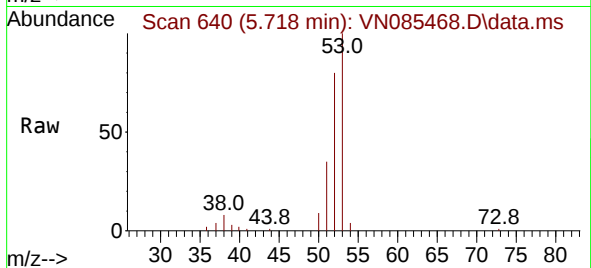




#15
Acrylonitrile
Concen: 90.128 ug/l
RT: 5.718 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

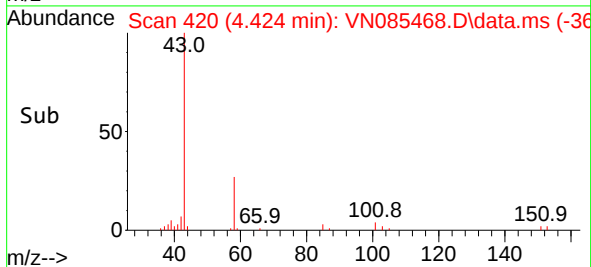
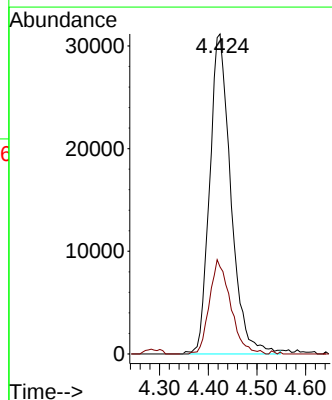
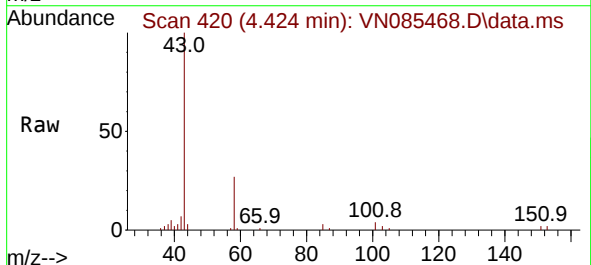
Instrument :
MSVOA_N
ClientSampleId :

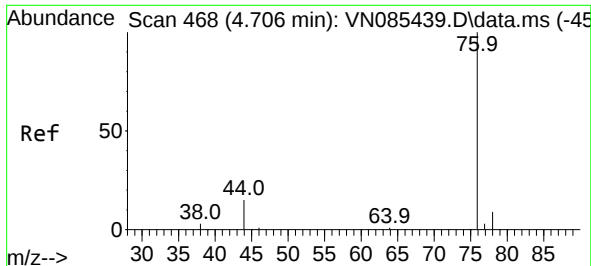
Tgt Ion: 53 Resp: 113612
Ion Ratio Lower Upper
53 100
52 80.4 65.5 98.3
51 37.7 29.8 44.8



#16
Acetone
Concen: 83.966 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

Tgt Ion: 43 Resp: 94029
Ion Ratio Lower Upper
43 100
58 27.2 23.8 35.6





#17

Carbon Disulfide

Concen: 16.058 ug/l

RT: 4.712 min Scan# 4

Delta R.T. 0.006 min

Lab File: VN085468.D

Acq: 16 Jan 2025 13:53

Instrument :

MSVOA_N

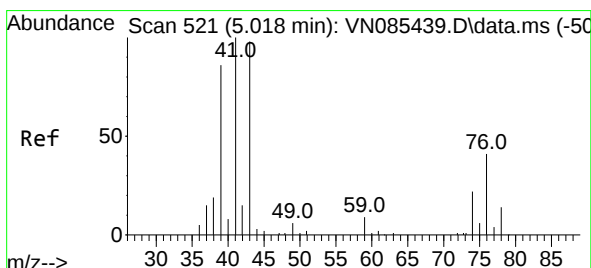
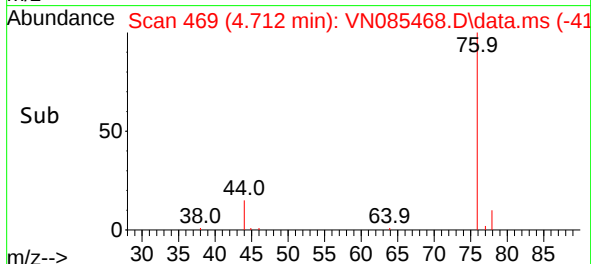
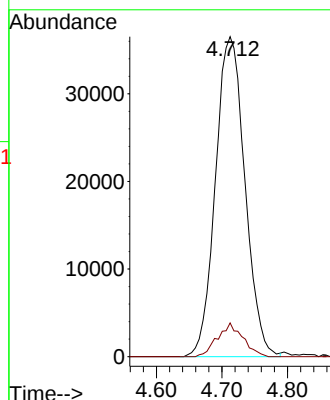
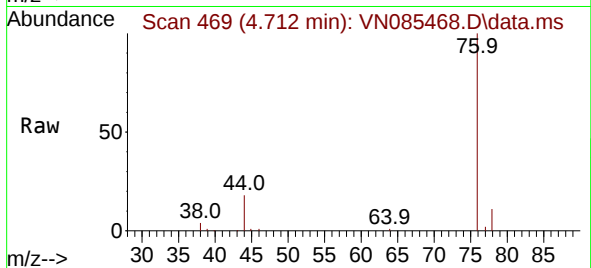
ClientSampleId :

Tgt Ion: 76 Resp: 113930

Ion Ratio Lower Upper

76 100

78 10.6 6.9 10.3#



#18

Methyl Acetate

Concen: 17.784 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN085468.D

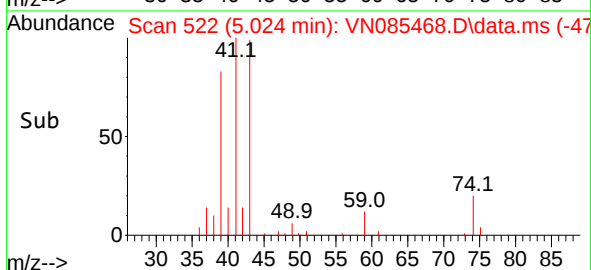
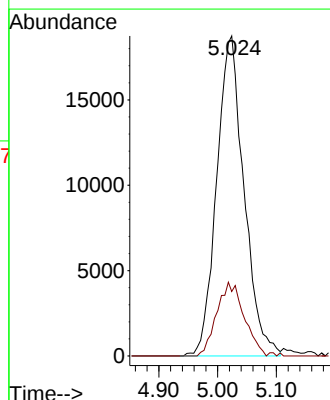
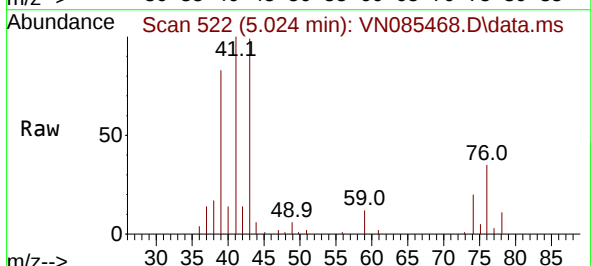
Acq: 16 Jan 2025 13:53

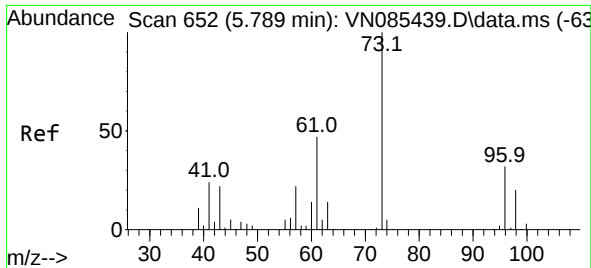
Tgt Ion: 43 Resp: 60560

Ion Ratio Lower Upper

43 100

74 23.0 18.6 28.0

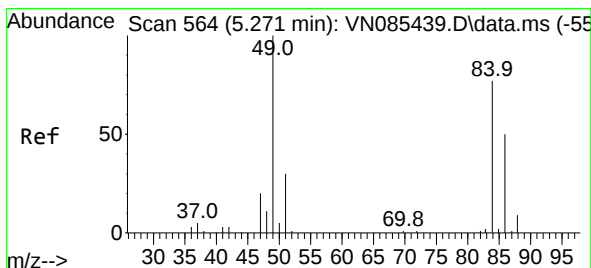
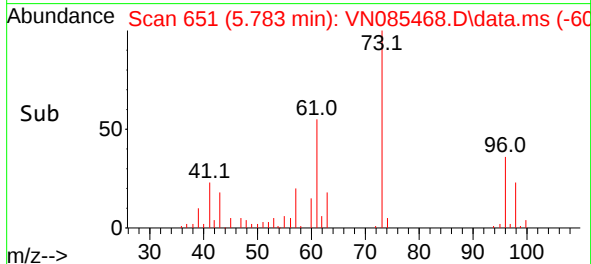
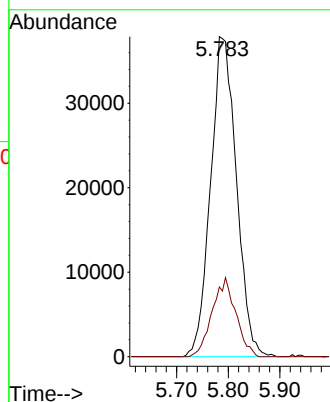
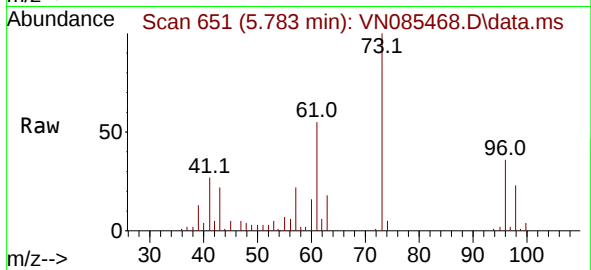




#19
Methyl tert-butyl Ether
Concen: 17.581 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

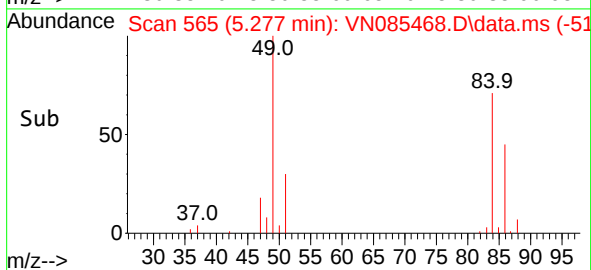
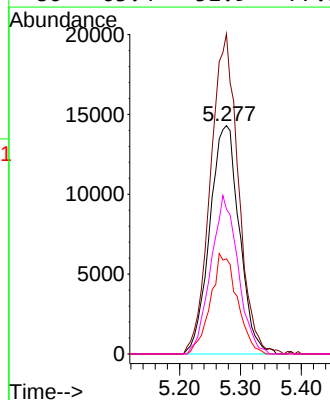
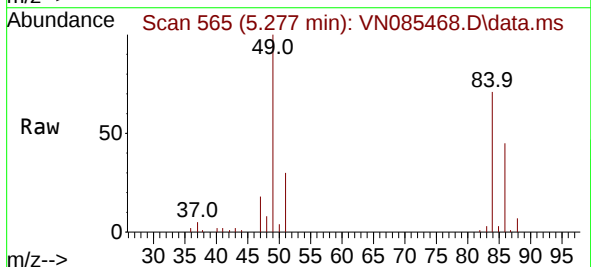
Instrument :
MSVOA_N
ClientSampleId :

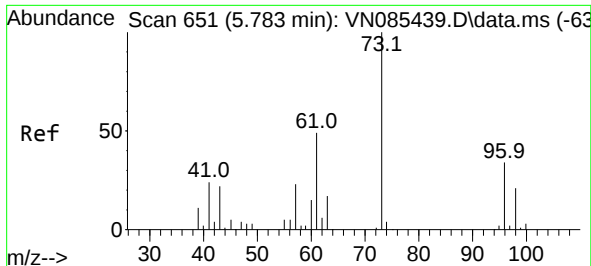
Tgt Ion: 73 Resp: 131549
Ion Ratio Lower Upper
73 100
57 21.8 17.8 26.8



#20
Methylene Chloride
Concen: 17.409 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

Tgt Ion: 84 Resp: 48264
Ion Ratio Lower Upper
84 100
49 140.1 104.1 156.1
51 41.7 31.0 46.4
86 63.4 51.9 77.9

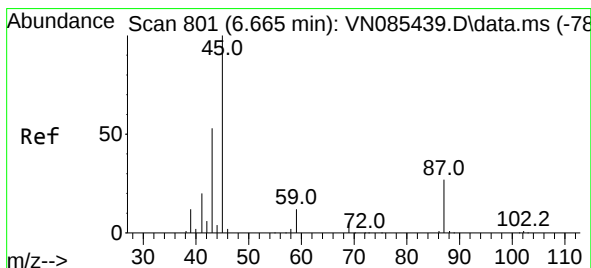
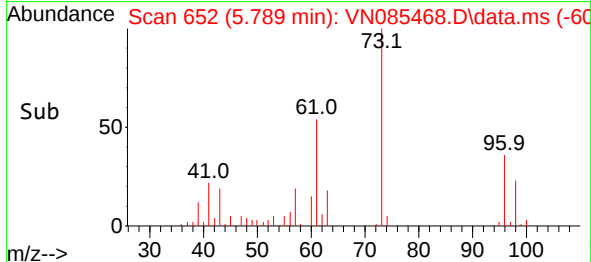
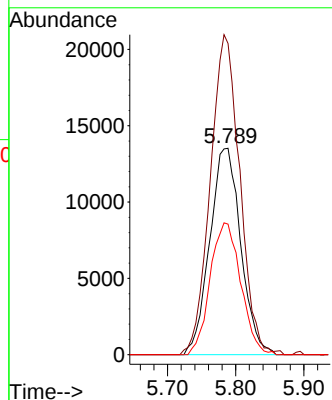
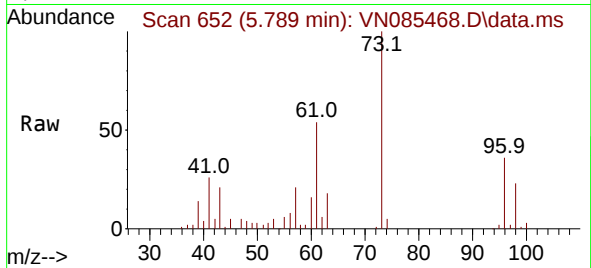




#21
trans-1,2-Dichloroethene
Concen: 17.395 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

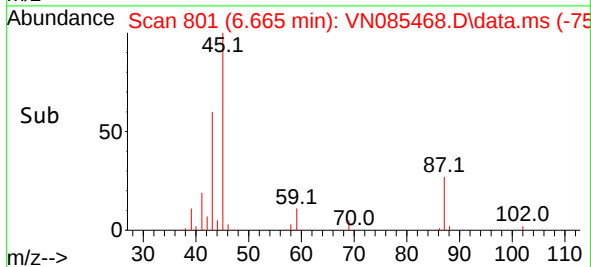
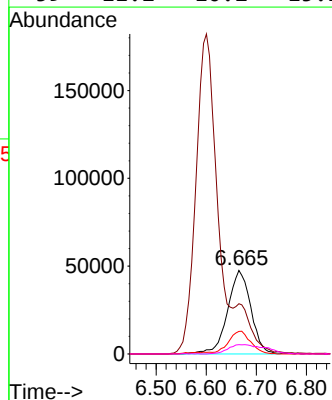
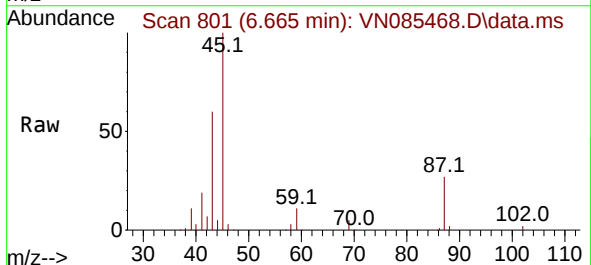
Instrument :
MSVOA_N
ClientSampleId :

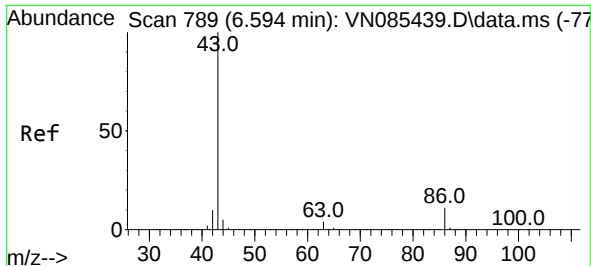
Tgt Ion: 96 Resp: 42837
Ion Ratio Lower Upper
96 100
61 150.7 115.7 173.5
98 63.2 49.8 74.8



#22
Diisopropyl ether
Concen: 18.431 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

Tgt Ion: 45 Resp: 152963
Ion Ratio Lower Upper
45 100
43 57.7 45.0 67.6
87 26.9 21.8 32.8
59 11.2 10.2 15.2

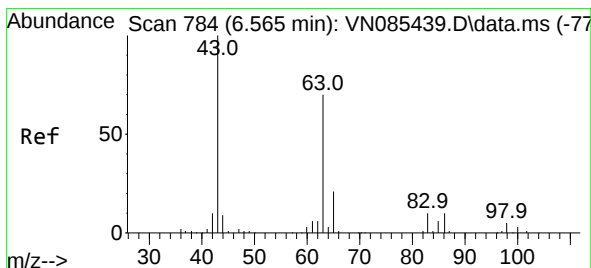
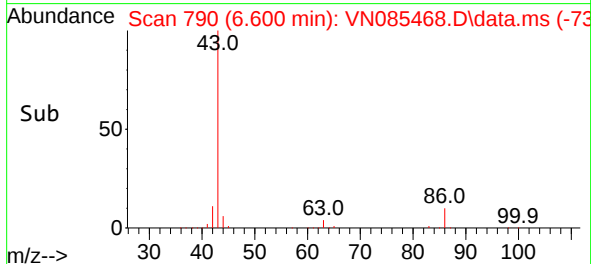
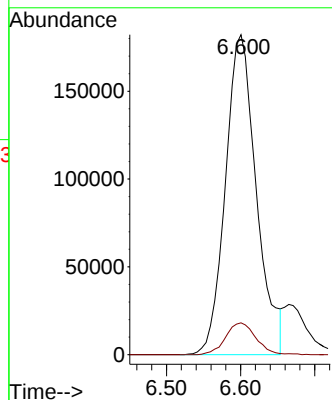
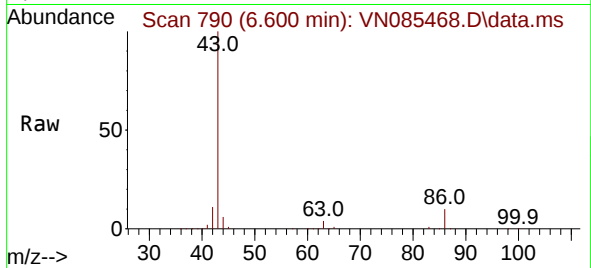




#23
 Vinyl Acetate
 Concen: 90.969 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085468.D
 Acq: 16 Jan 2025 13:53

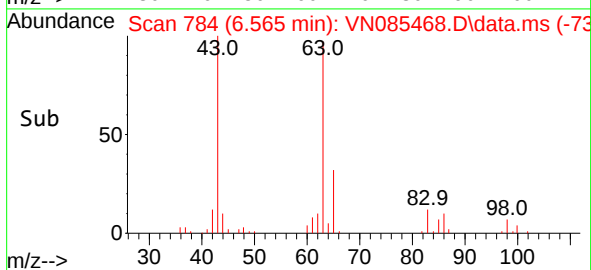
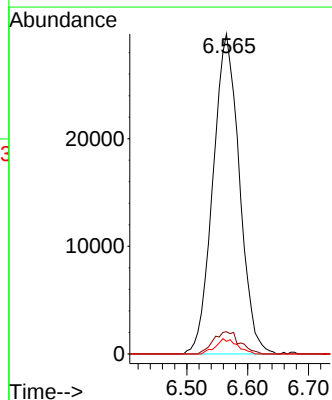
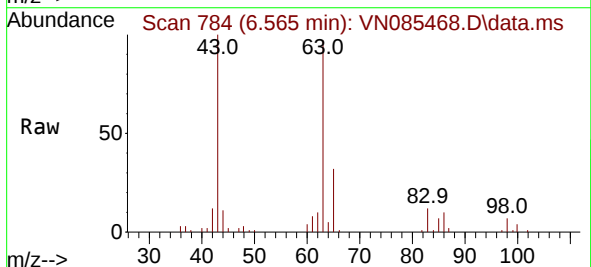
Instrument :
 MSVOA_N
 ClientSampleId :

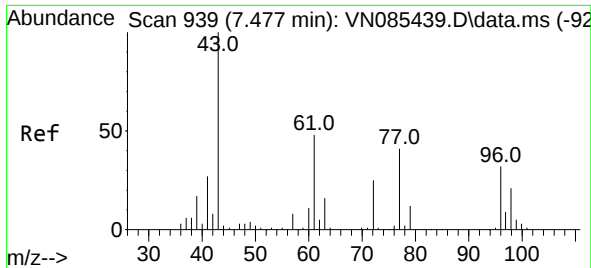
Tgt Ion: 43 Resp: 528364
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 17.705 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085468.D
 Acq: 16 Jan 2025 13:53

Tgt Ion: 63 Resp: 89599
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.8
 100 3.9 2.0 6.0

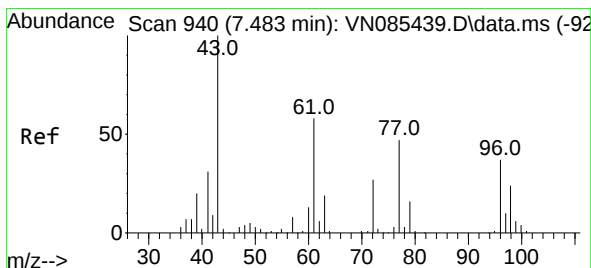
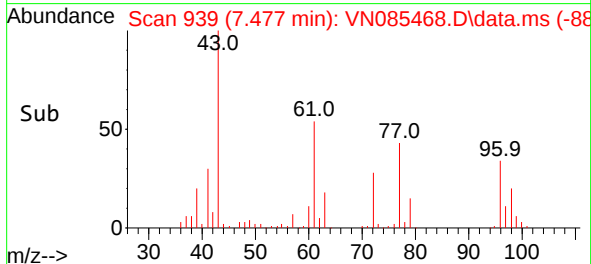
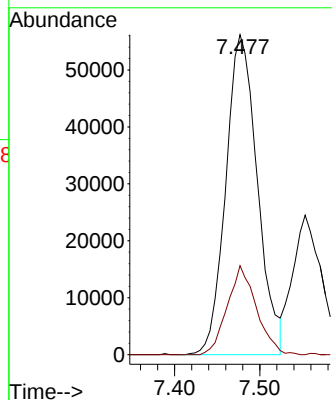
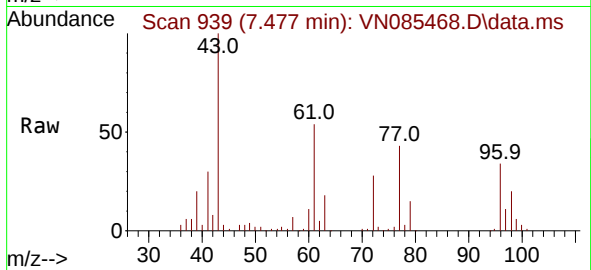




#25
2-Butanone
Concen: 88.003 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

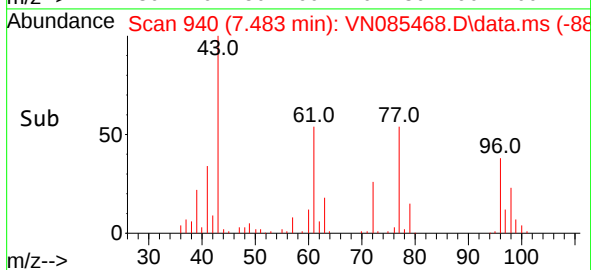
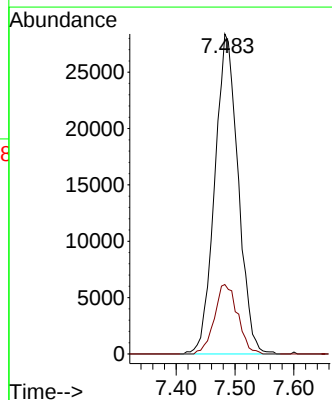
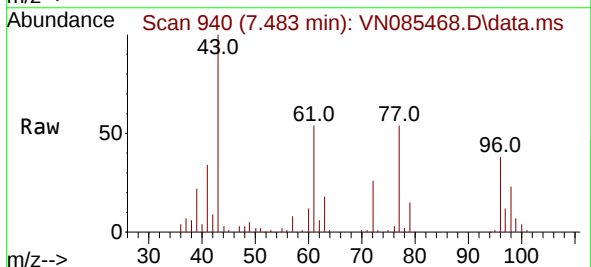
Instrument :
MSVOA_N
ClientSampleId :

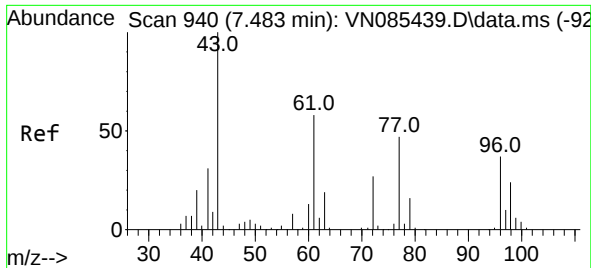
Tgt Ion: 43 Resp: 145025
Ion Ratio Lower Upper
43 100
72 27.8 20.2 30.4



#26
2,2-Dichloropropane
Concen: 19.205 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

Tgt Ion: 77 Resp: 78575
Ion Ratio Lower Upper
77 100
97 21.6 10.7 32.1

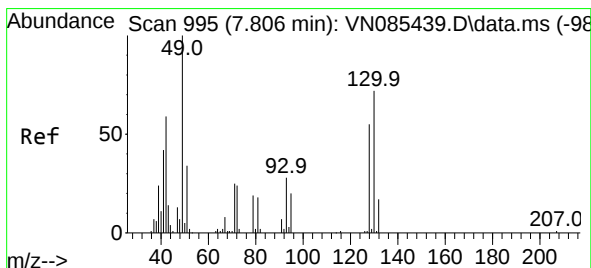
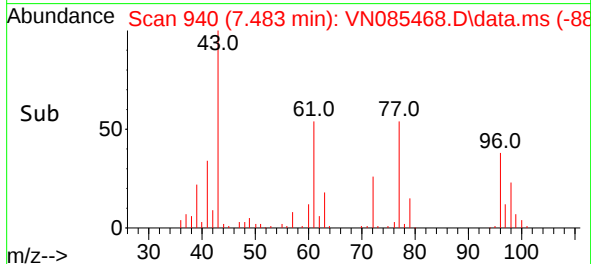
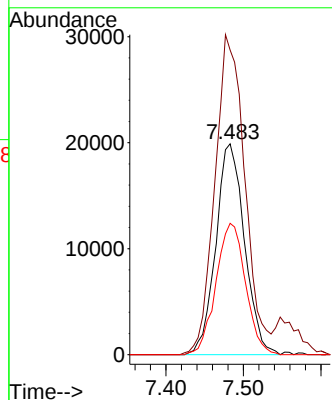
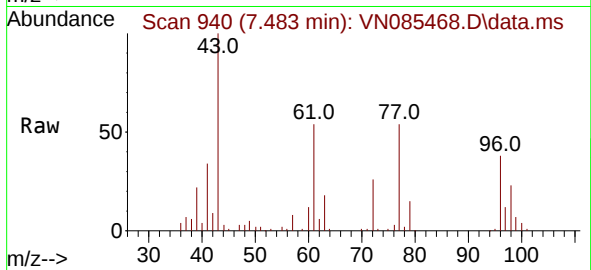




#27
 cis-1,2-Dichloroethene
 Concen: 17.662 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085468.D
 Acq: 16 Jan 2025 13:53

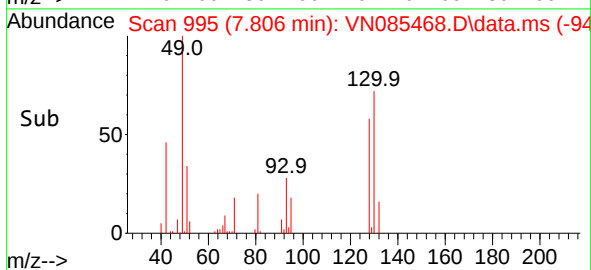
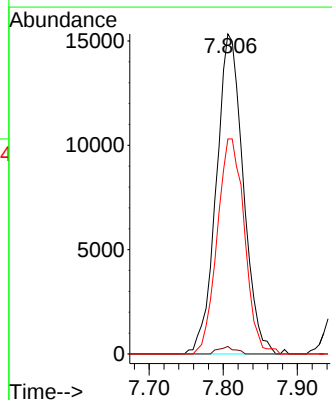
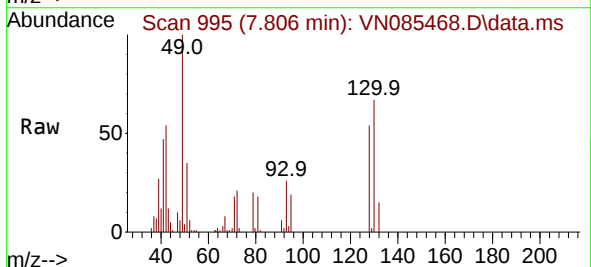
Instrument :
 MSVOA_N
 ClientSampleId :

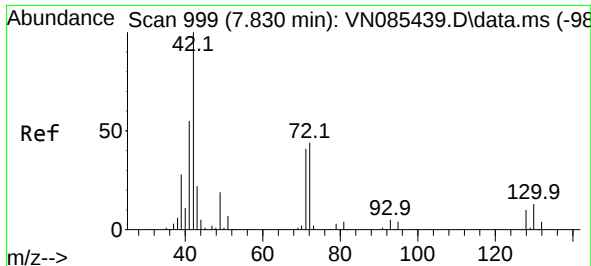
Tgt Ion: 96 Resp: 51231
 Ion Ratio Lower Upper
 96 100
 61 158.4 0.0 311.8
 98 64.3 0.0 126.0



#28
 Bromochloromethane
 Concen: 16.445 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VN085468.D
 Acq: 16 Jan 2025 13:53

Tgt Ion: 49 Resp: 38718
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.4
 130 67.9 55.0 82.4

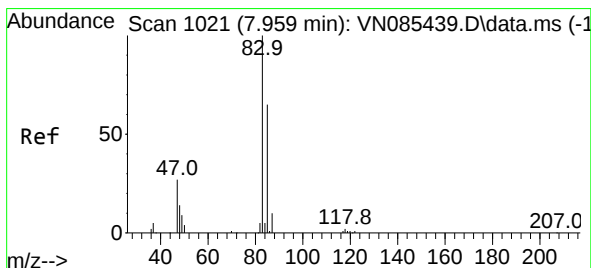
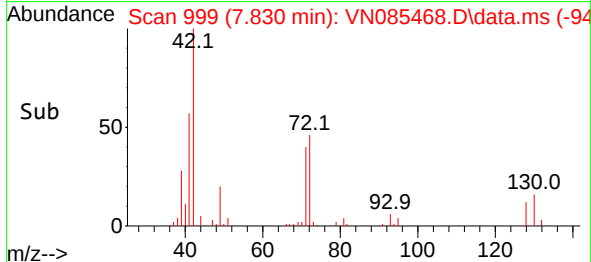
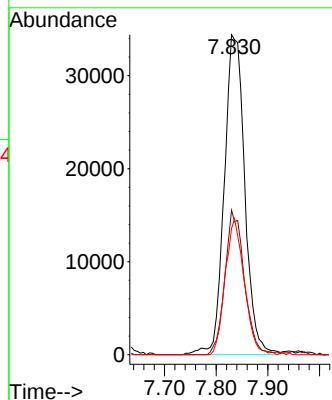
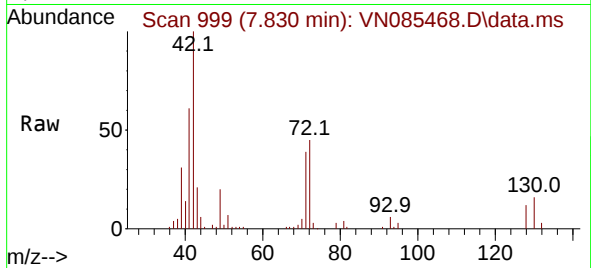




#29
Tetrahydrofuran
Concen: 91.013 ug/l
RT: 7.830 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

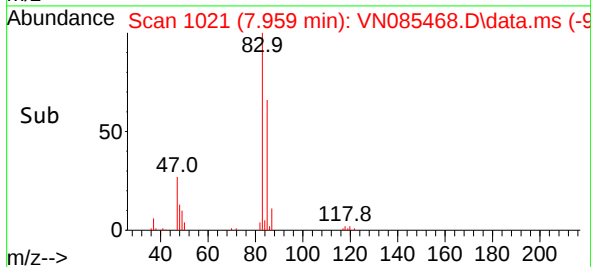
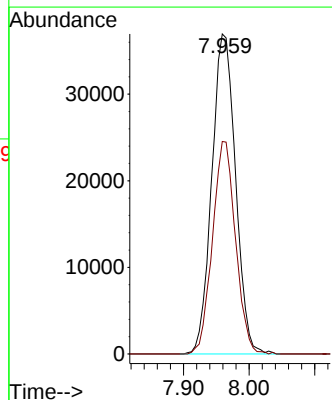
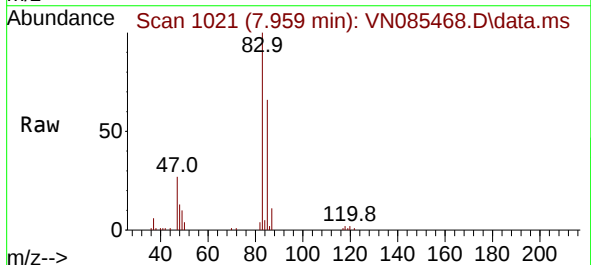
Instrument :
MSVOA_N
ClientSampleId :

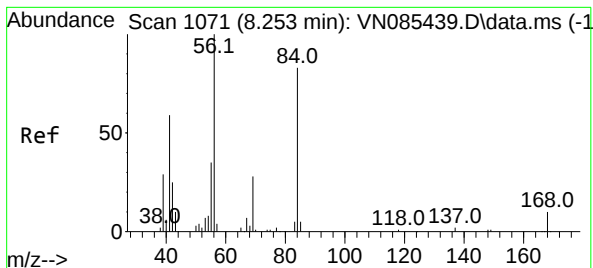
Tgt Ion: 42 Resp: 95092
Ion Ratio Lower Upper
42 100
72 42.4 34.2 51.2
71 39.4 32.5 48.7



#30
Chloroform
Concen: 17.769 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

Tgt Ion: 83 Resp: 92936
Ion Ratio Lower Upper
83 100
85 66.4 51.8 77.6





#31

Cyclohexane

Concen: 16.729 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN085468.D

Acq: 16 Jan 2025 13:53

Instrument :

MSVOA_N

ClientSampleId :

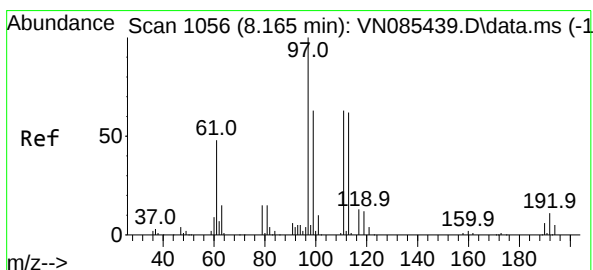
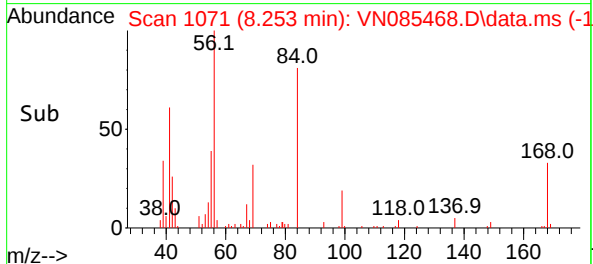
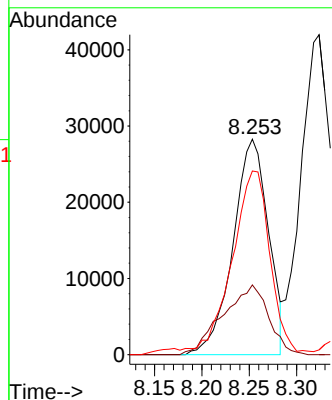
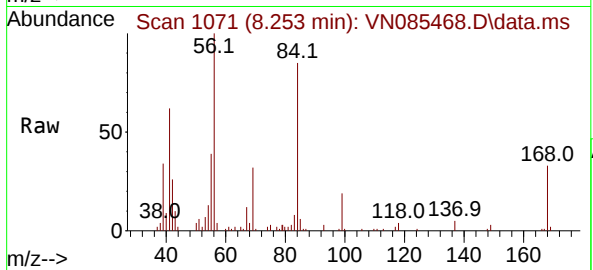
Tgt Ion: 56 Resp: 73585

Ion Ratio Lower Upper

56 100

69 32.4 22.2 33.4

84 83.1 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 18.014 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN085468.D

Acq: 16 Jan 2025 13:53

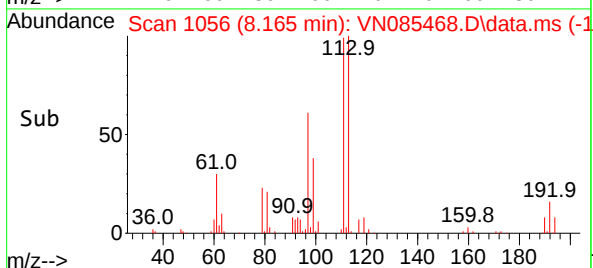
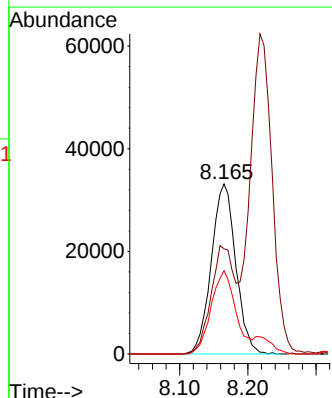
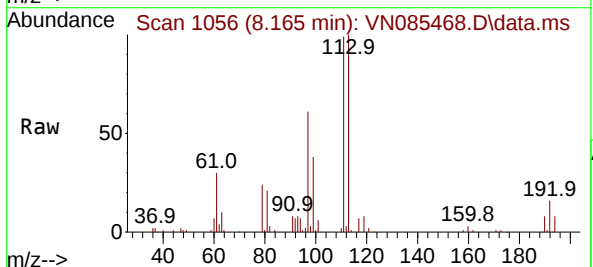
Tgt Ion: 97 Resp: 82647

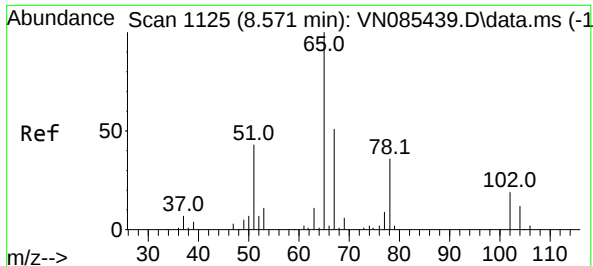
Ion Ratio Lower Upper

97 100

99 59.2 49.8 74.6

61 49.7 41.4 62.2





#33

1,2-Dichloroethane-d4

Concen: 49.656 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VN085468.D

Acq: 16 Jan 2025 13:53

Instrument :

MSVOA_N

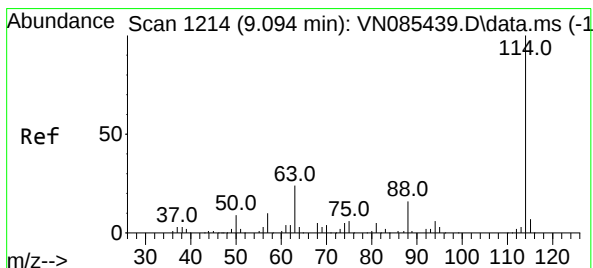
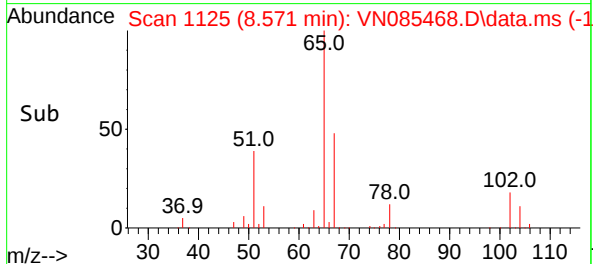
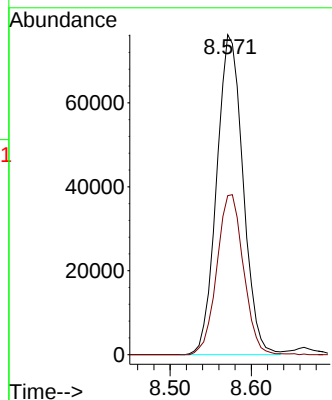
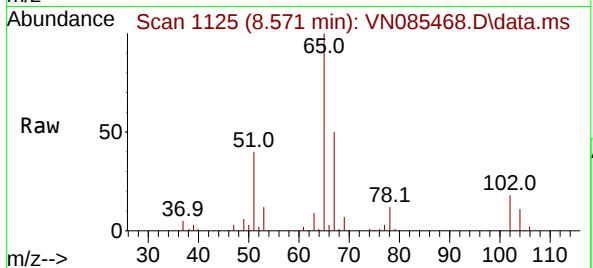
ClientSampleId :

Tgt Ion: 65 Resp: 172101

Ion Ratio Lower Upper

65 100

67 50.6 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: VN085468.D

Acq: 16 Jan 2025 13:53

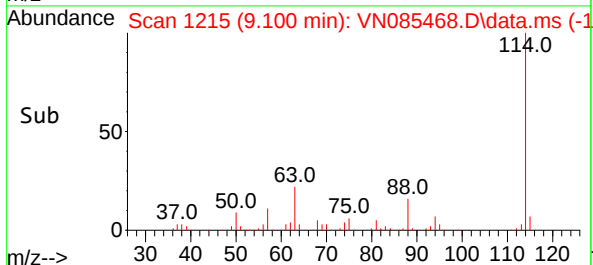
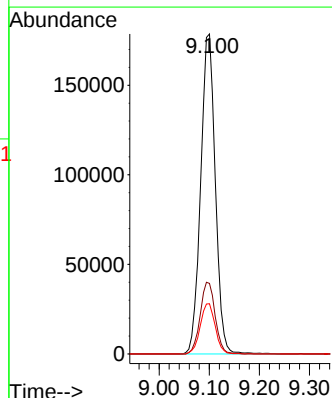
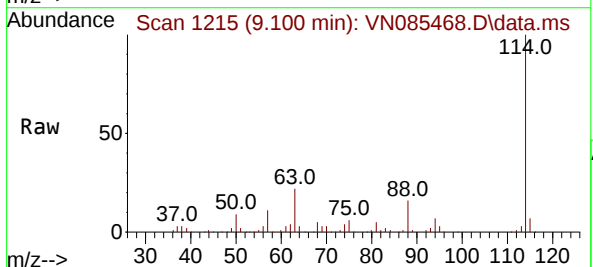
Tgt Ion: 114 Resp: 362607

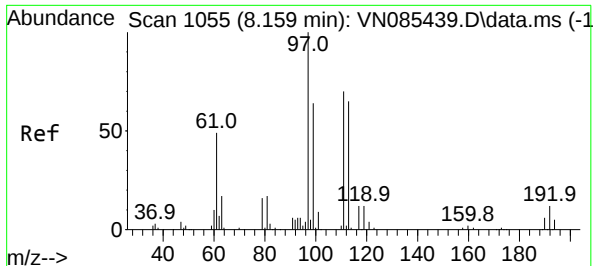
Ion Ratio Lower Upper

114 100

63 22.0 0.0 47.6

88 15.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.369 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

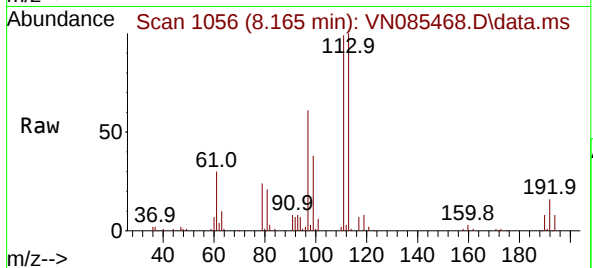
Lab File: VN085468.D

Acq: 16 Jan 2025 13:53

Instrument :

MSVOA_N

ClientSampleId :



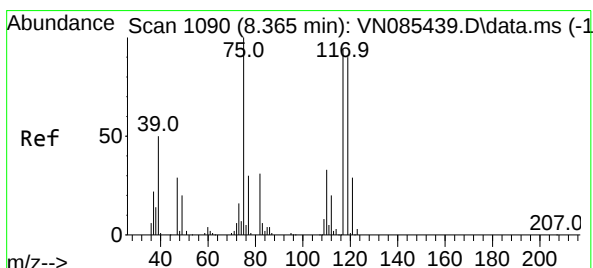
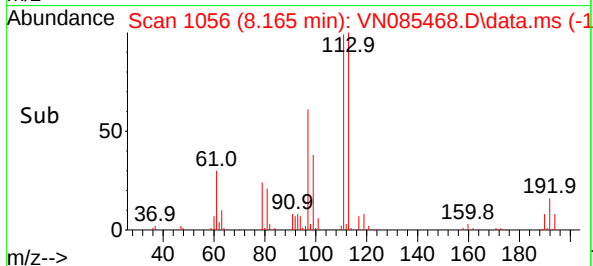
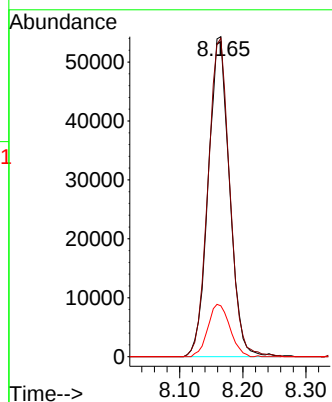
Tgt Ion:113 Resp: 126709

Ion Ratio Lower Upper

113 100

111 101.7 82.7 124.1

192 16.9 14.3 21.5



#36

1,1-Dichloropropene

Concen: 17.812 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN085468.D

Acq: 16 Jan 2025 13:53

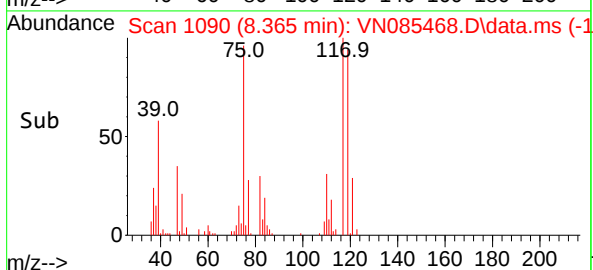
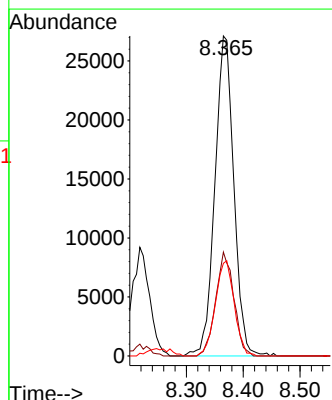
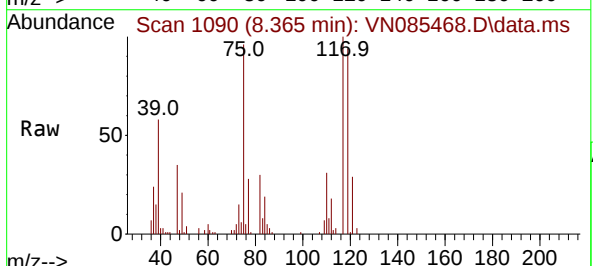
Tgt Ion: 75 Resp: 62886

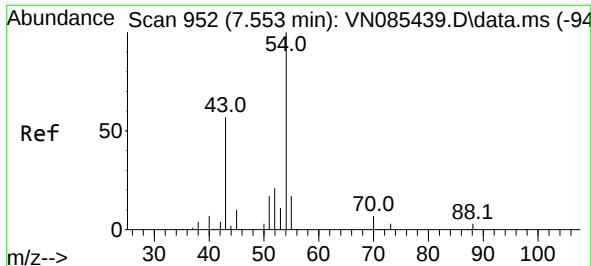
Ion Ratio Lower Upper

75 100

110 31.1 16.5 49.5

77 29.6 24.4 36.6

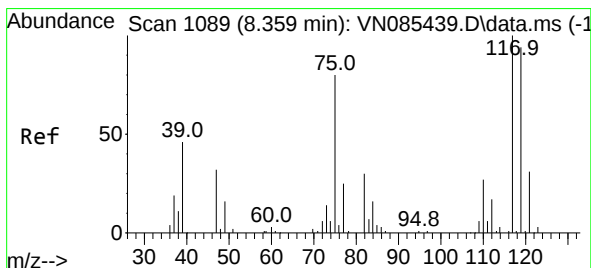
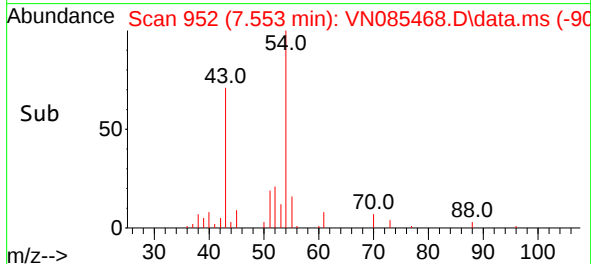
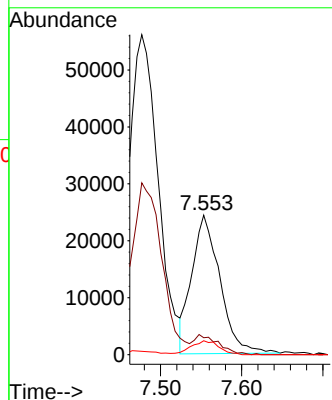
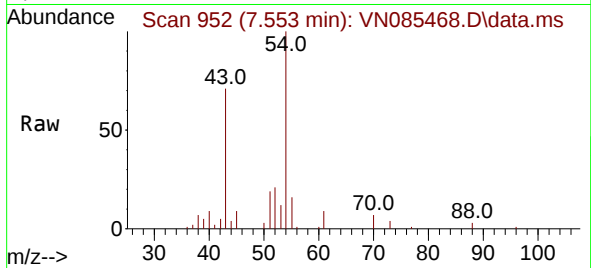




#37
Ethyl Acetate
Concen: 16.510 ug/l
RT: 7.553 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

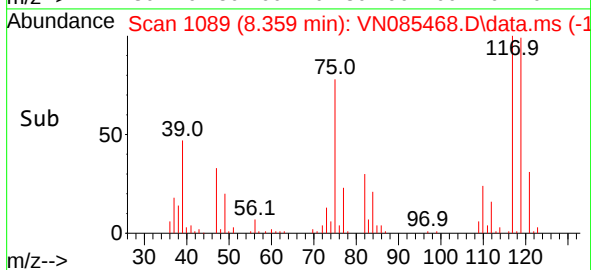
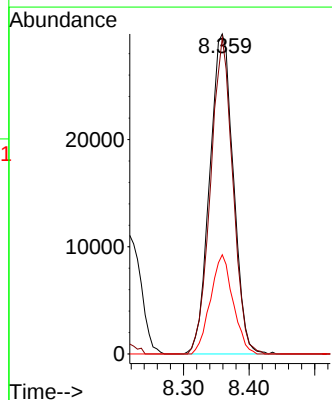
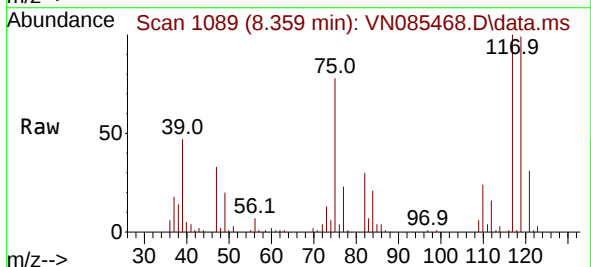
Instrument :
MSVOA_N
ClientSampleId :

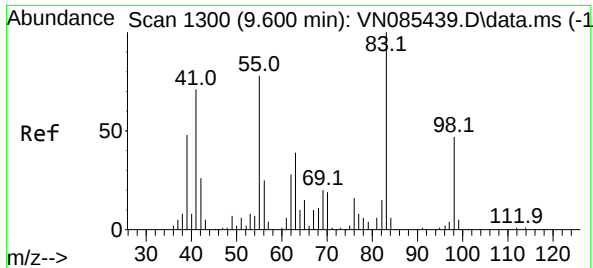
Tgt Ion: 43 Resp: 58836
Ion Ratio Lower Upper
43 100
61 12.3 10.9 16.3
70 9.9 7.5 11.3



#38
Carbon Tetrachloride
Concen: 18.464 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

Tgt Ion: 117 Resp: 74631
Ion Ratio Lower Upper
117 100
119 98.8 75.4 113.2
121 31.0 24.6 37.0

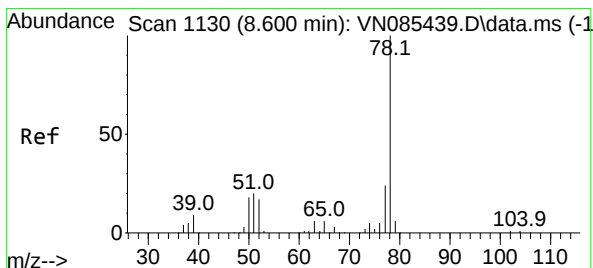
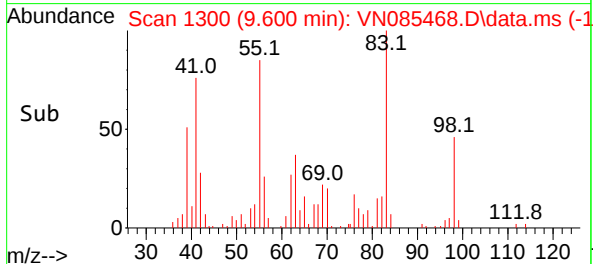
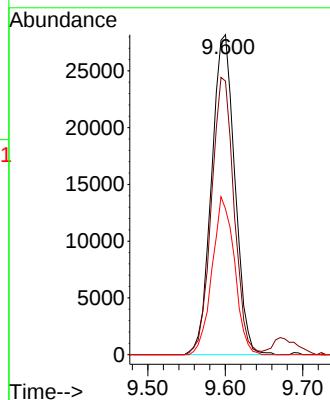
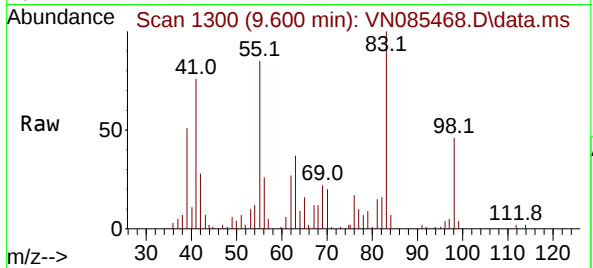




#39
Methylcyclohexane
Concen: 17.758 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

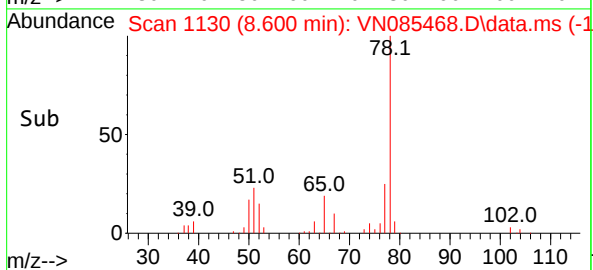
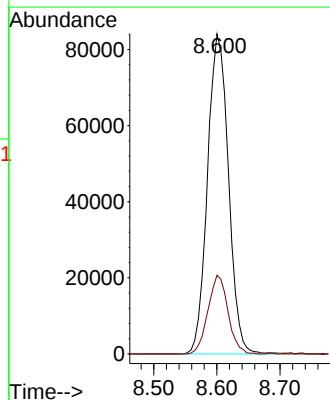
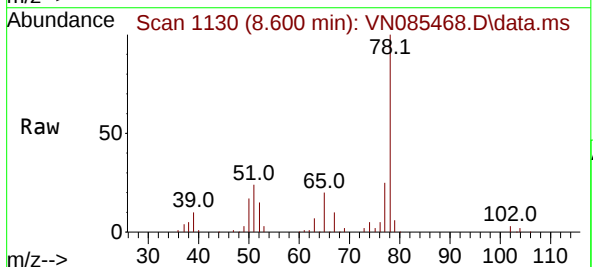
Instrument :
MSVOA_N
ClientSampleId :

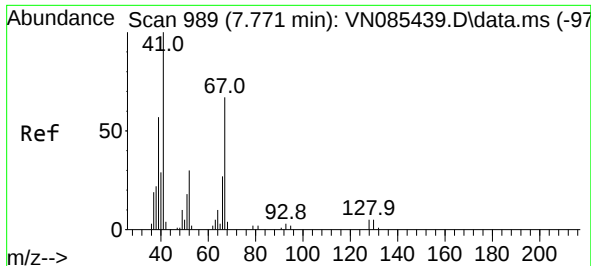
Tgt Ion	83	Resp	58917
Ion Ratio	Lower	Upper	
83	100		
55	85.5	62.6	94.0
98	45.6	37.7	56.5



#40
Benzene
Concen: 18.279 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

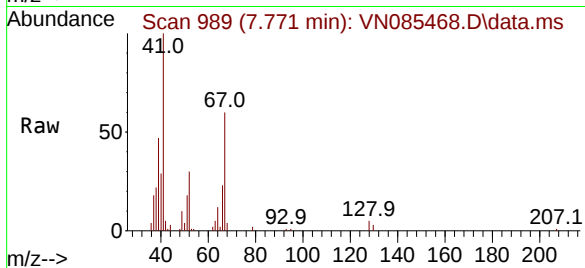
Tgt Ion	78	Resp	193909
Ion Ratio	Lower	Upper	
78	100		
77	24.6	19.0	28.6



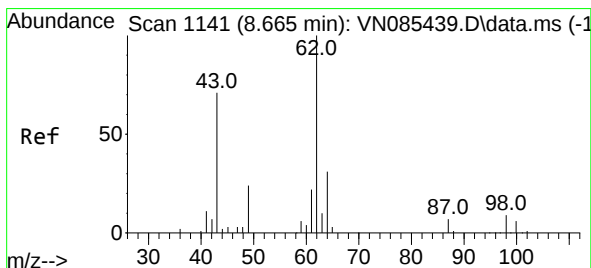
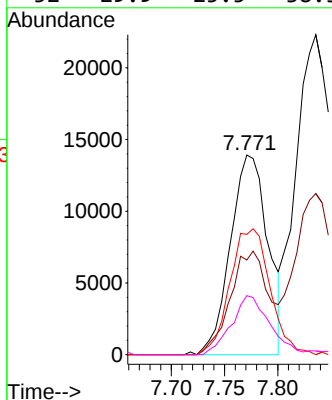
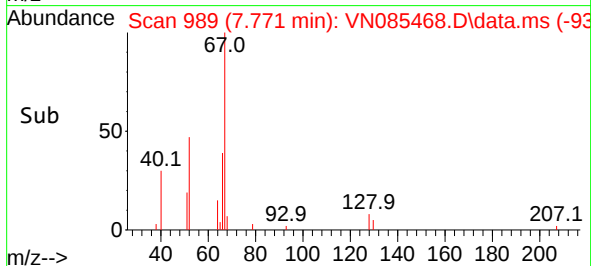


#41
Methacrylonitrile
Concen: 18.399 ug/l
RT: 7.771 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

Instrument :
MSVOA_N
ClientSampleId :

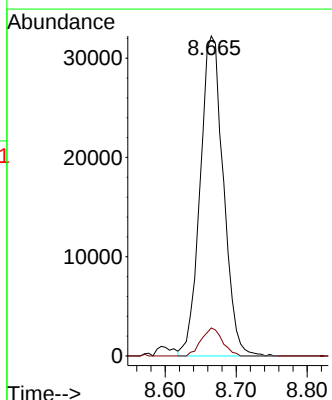
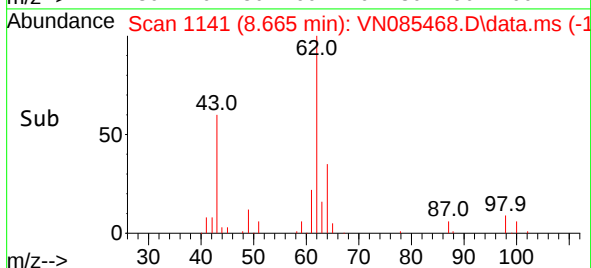
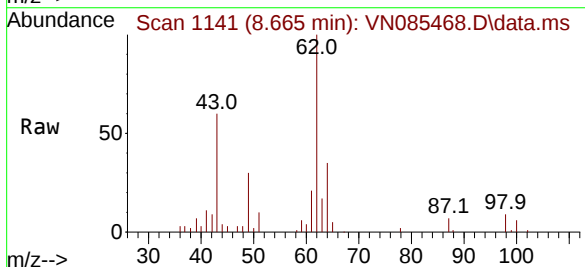


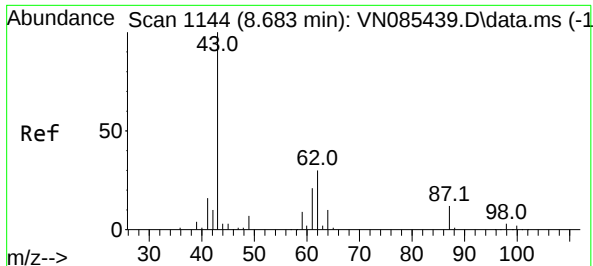
Tgt Ion:	41	Resp:	34112
Ion Ratio	Lower	Upper	
41	100		
39	53.3	46.0	69.0
67	67.4	57.4	86.2
52	29.9	25.5	38.3



#42
1,2-Dichloroethane
Concen: 18.392 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

Tgt Ion:	62	Resp:	73482
Ion Ratio	Lower	Upper	
62	100		
98	7.9	0.0	17.0

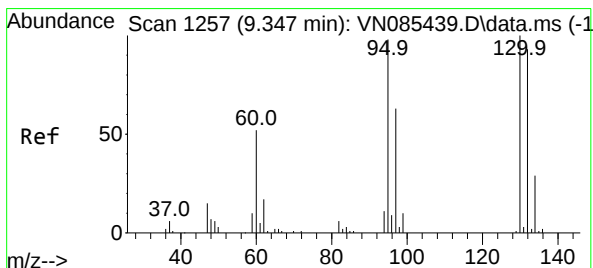
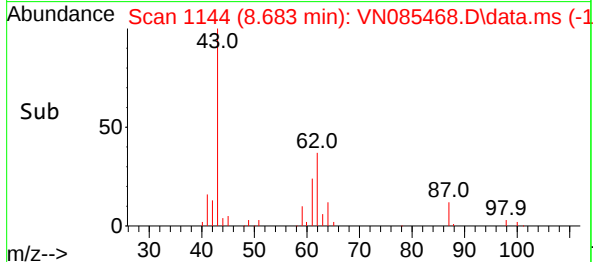
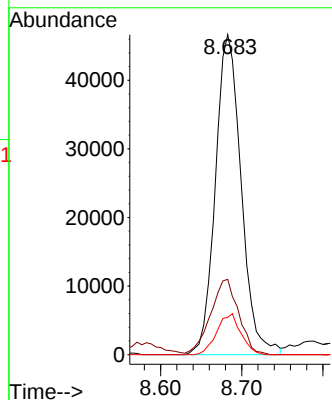
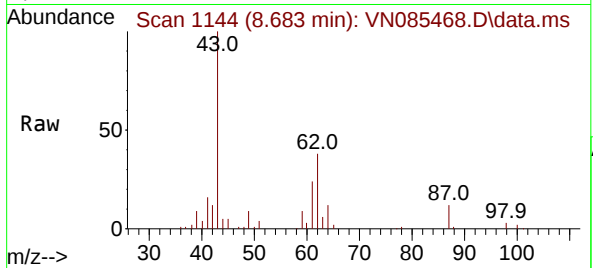




#43
Isopropyl Acetate
Concen: 18.052 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

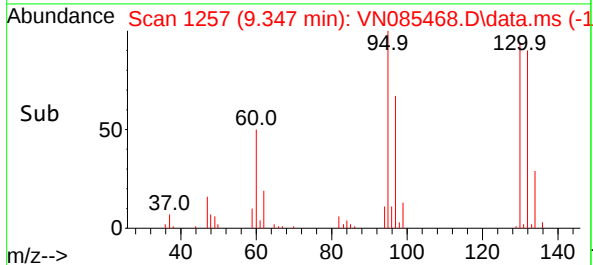
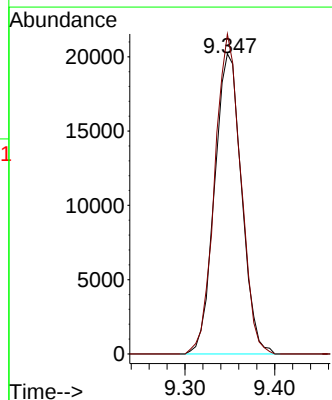
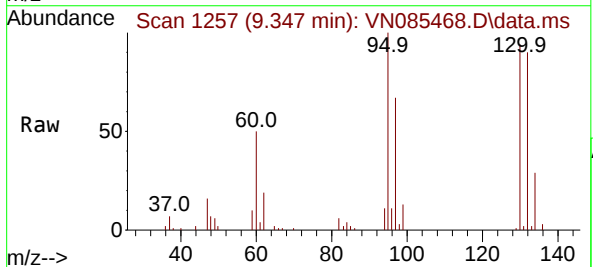
Instrument :
MSVOA_N
ClientSampleId :

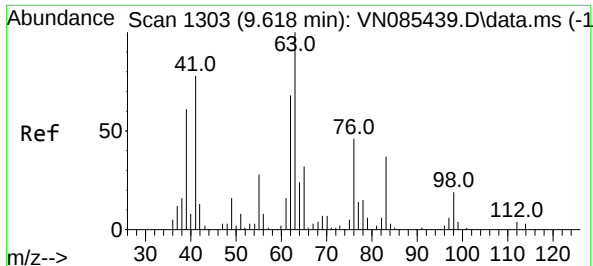
Tgt Ion: 43 Resp: 103079
Ion Ratio Lower Upper
43 100
61 25.6 20.7 31.1
87 11.9 9.8 14.8



#44
Trichloroethene
Concen: 17.075 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

Tgt Ion:130 Resp: 42165
Ion Ratio Lower Upper
130 100
95 106.6 0.0 195.8





#45

1,2-Dichloropropane

Concen: 17.943 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN085468.D

Acq: 16 Jan 2025 13:53

Instrument :

MSVOA_N

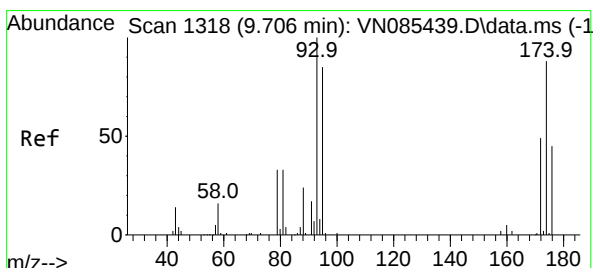
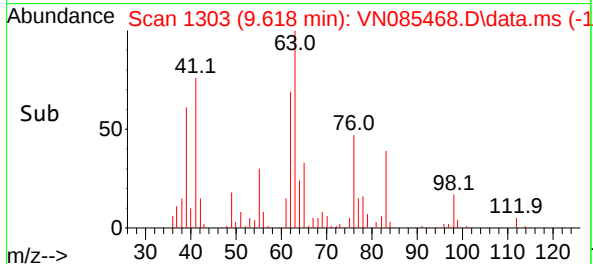
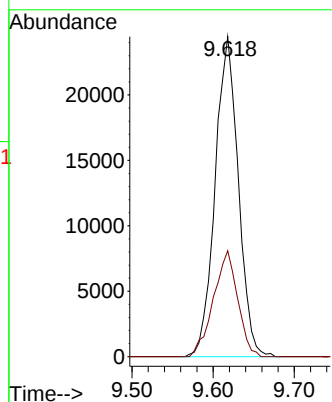
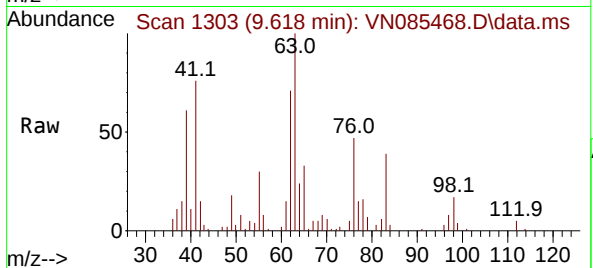
ClientSampleId :

Tgt Ion: 63 Resp: 48619

Ion Ratio Lower Upper

63 100

65 33.1 25.6 38.4



#46

Dibromomethane

Concen: 17.710 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN085468.D

Acq: 16 Jan 2025 13:53

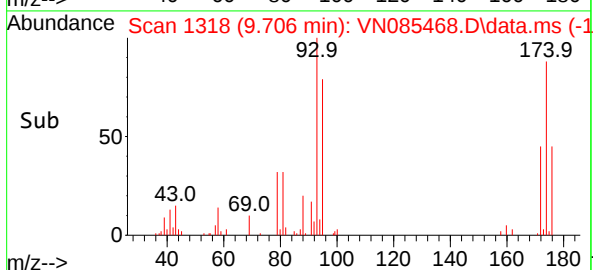
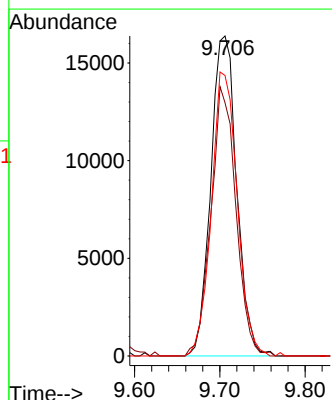
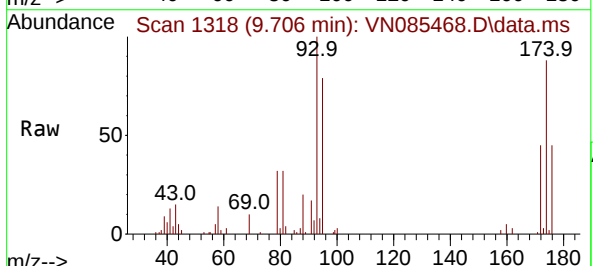
Tgt Ion: 93 Resp: 34627

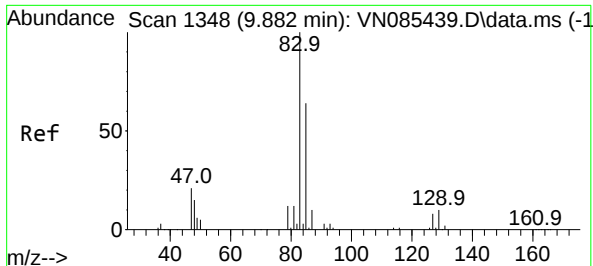
Ion Ratio Lower Upper

93 100

95 81.2 64.7 97.1

174 88.3 69.0 103.4





#47

Bromodichloromethane

Concen: 18.483 ug/l

RT: 9.883 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN085468.D

Acq: 16 Jan 2025 13:53

Instrument :

MSVOA_N

ClientSampleId :

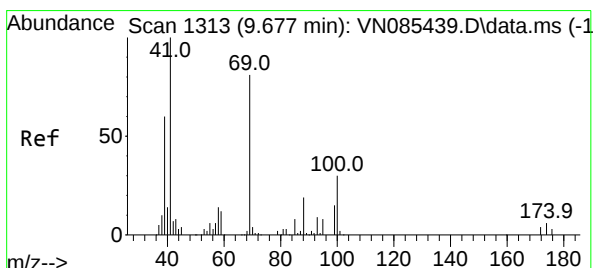
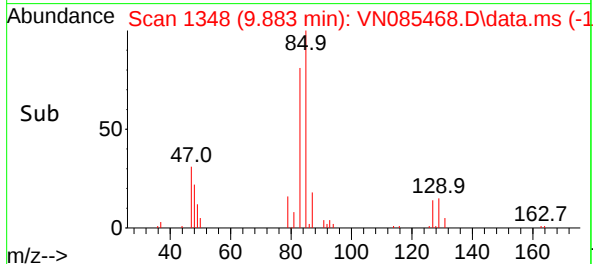
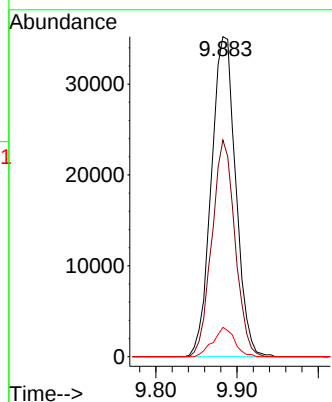
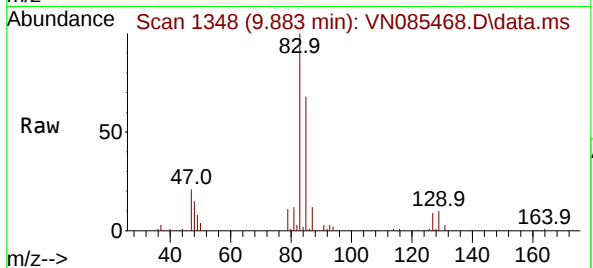
Tgt Ion: 83 Resp: 73622

Ion Ratio Lower Upper

83 100

85 67.7 51.2 76.8

127 9.1 6.5 9.7



#48

Methyl methacrylate

Concen: 18.175 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VN085468.D

Acq: 16 Jan 2025 13:53

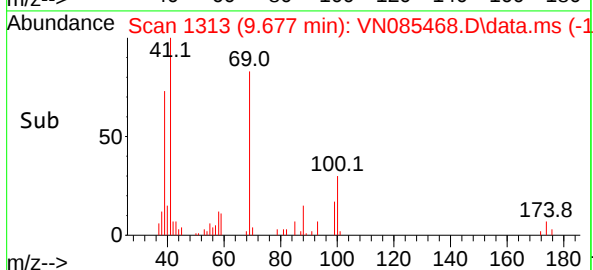
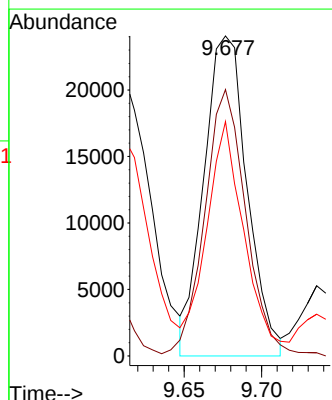
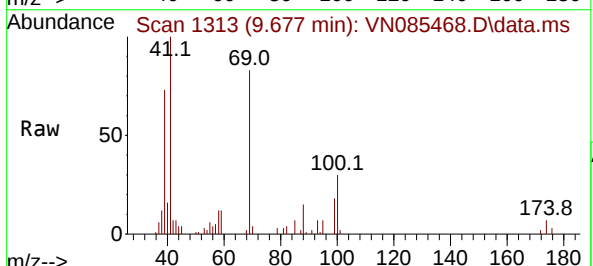
Tgt Ion: 41 Resp: 46704

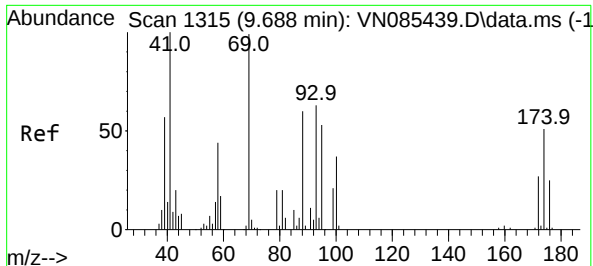
Ion Ratio Lower Upper

41 100

69 79.8 64.7 97.1

39 63.7 49.0 73.6





#49

1,4-Dioxane

Concen: 300.161 ug/l

RT: 9.688 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085468.D

Acq: 16 Jan 2025 13:53

Instrument :

MSVOA_N

ClientSampleId :

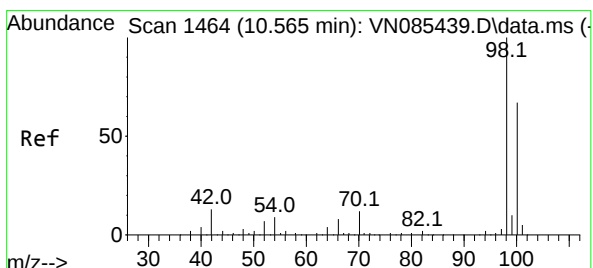
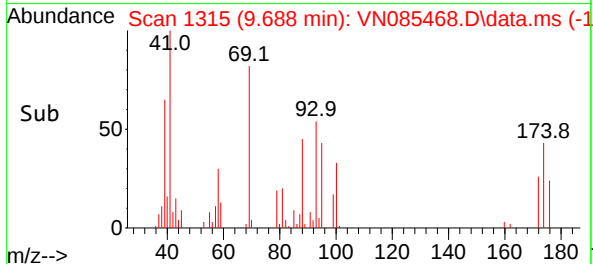
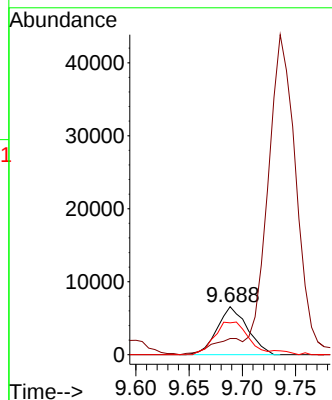
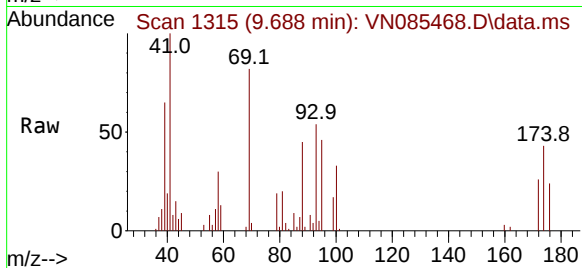
Tgt Ion: 88 Resp: 12989

Ion Ratio Lower Upper

88 100

43 0.0 26.6 39.8#

58 80.0 59.5 89.3



#50

Toluene-d8

Concen: 51.092 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085468.D

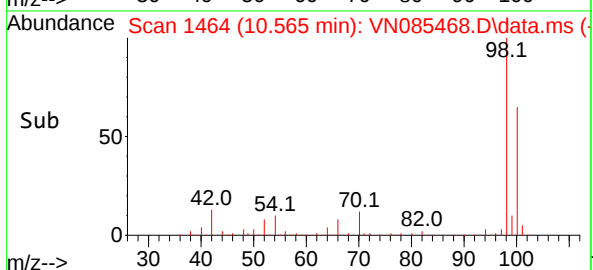
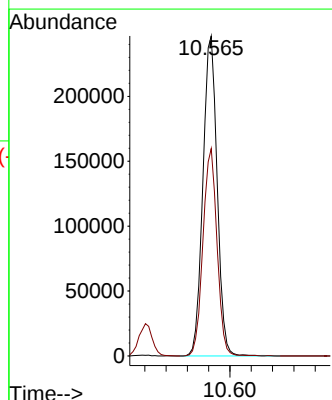
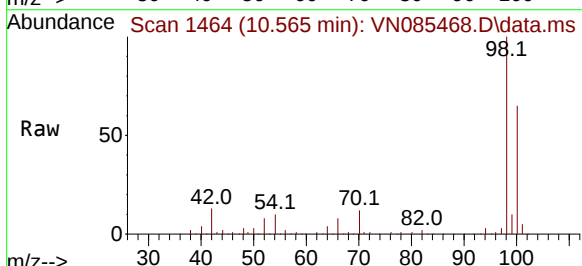
Acq: 16 Jan 2025 13:53

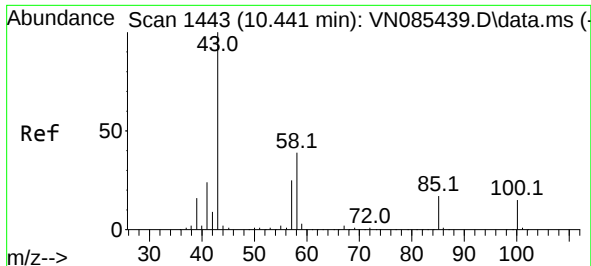
Tgt Ion: 98 Resp: 456652

Ion Ratio Lower Upper

98 100

100 64.0 52.2 78.4

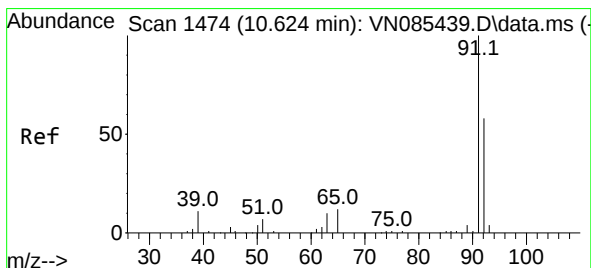
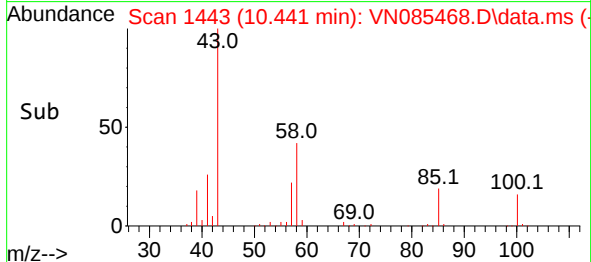
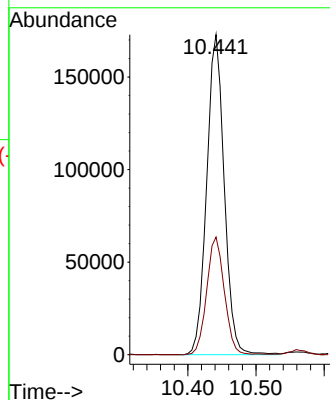
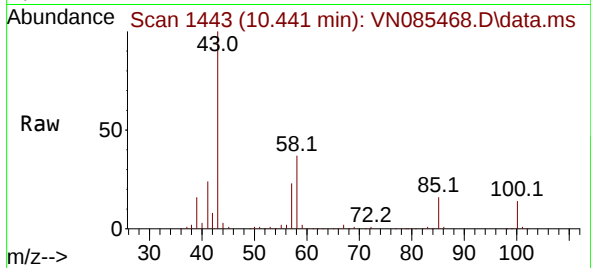




#51
4-Methyl-2-Pentanone
Concen: 93.449 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

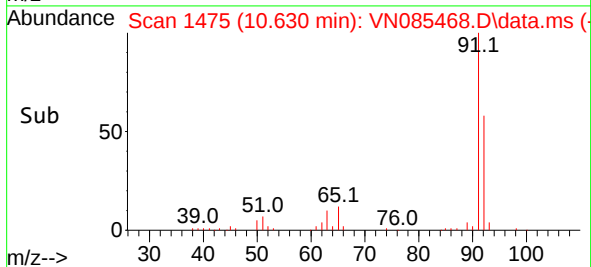
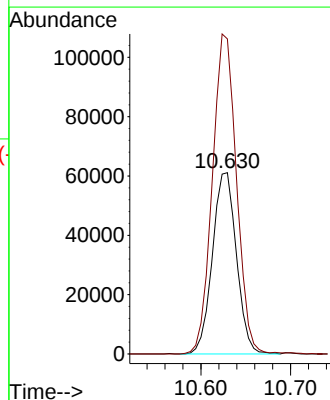
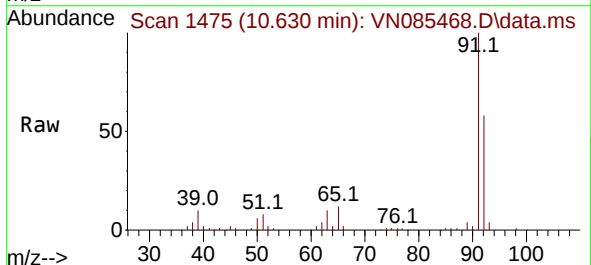
Instrument :
MSVOA_N
ClientSampleId :

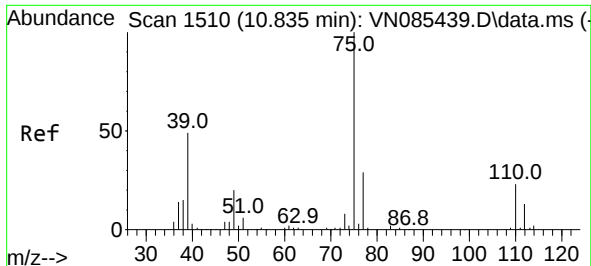
Tgt Ion: 43 Resp: 309648
Ion Ratio Lower Upper
43 100
58 37.1 30.5 45.7



#52
Toluene
Concen: 18.484 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

Tgt Ion: 92 Resp: 113616
Ion Ratio Lower Upper
92 100
91 177.8 139.2 208.8

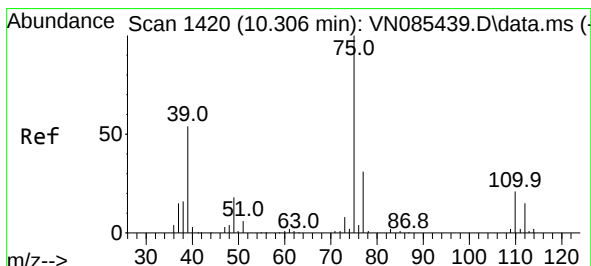
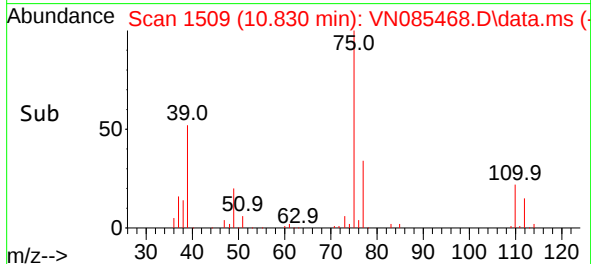
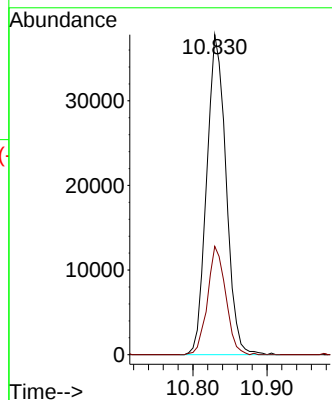
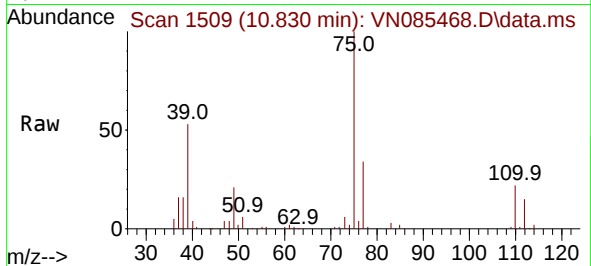




#53
 t-1,3-Dichloropropene
 Concen: 18.231 ug/l
 RT: 10.830 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN085468.D
 Acq: 16 Jan 2025 13:53

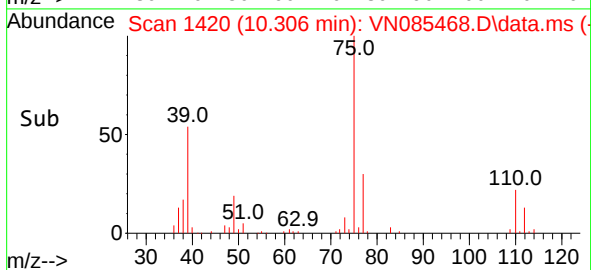
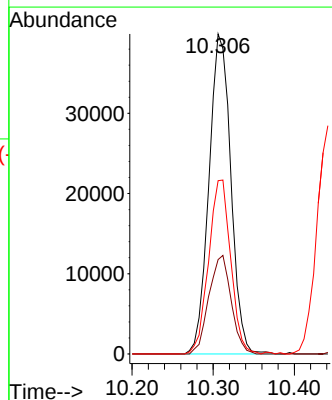
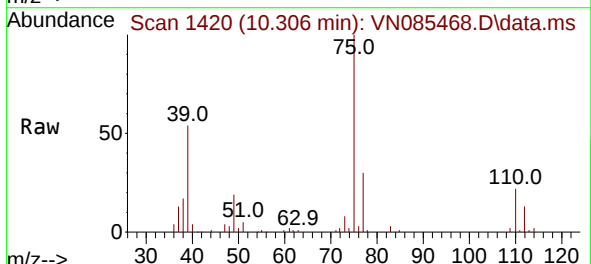
Instrument :
 MSVOA_N
 ClientSampleId :

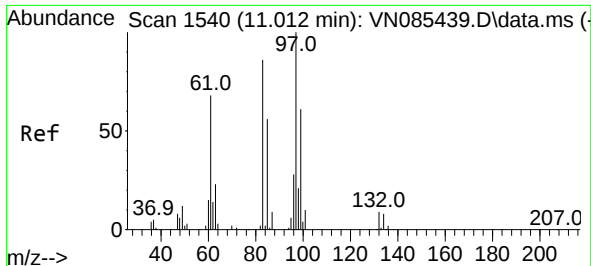
Tgt Ion: 75 Resp: 68626
 Ion Ratio Lower Upper
 75 100
 77 33.9 23.5 35.3



#54
 cis-1,3-Dichloropropene
 Concen: 18.589 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. 0.000 min
 Lab File: VN085468.D
 Acq: 16 Jan 2025 13:53

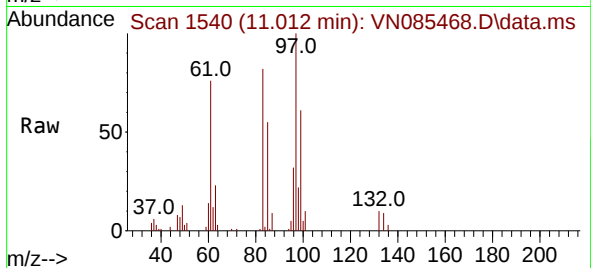
Tgt Ion: 75 Resp: 74745
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.0 37.4
 39 54.2 43.1 64.7



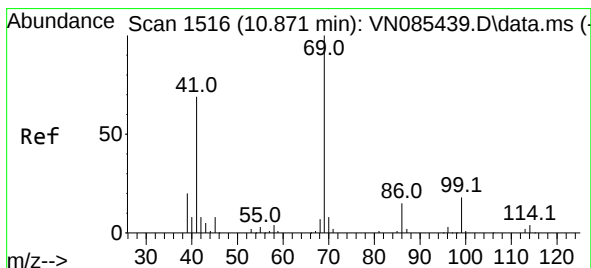
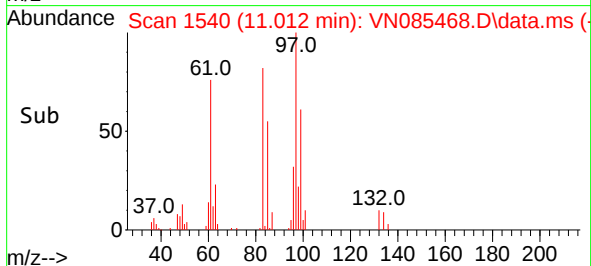
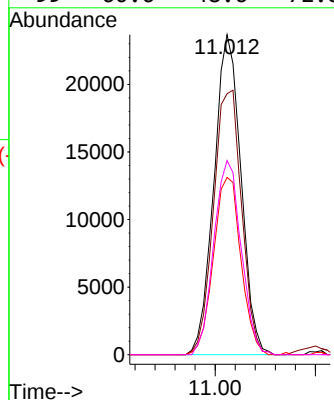


#55
1,1,2-Trichloroethane
Concen: 18.166 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

Instrument :
MSVOA_N
ClientSampleId :

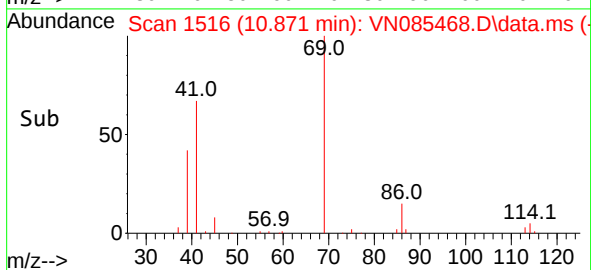
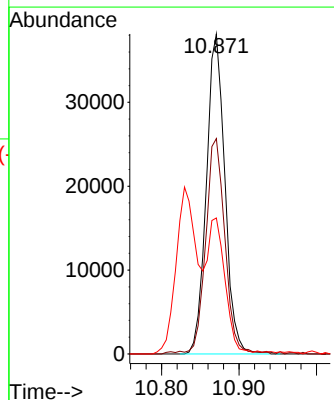
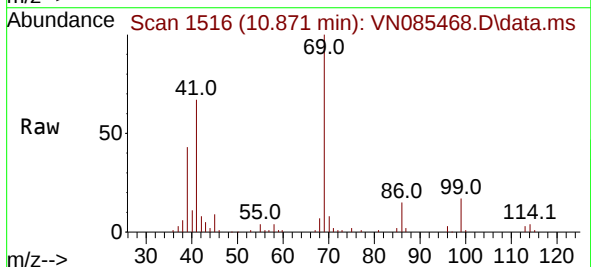


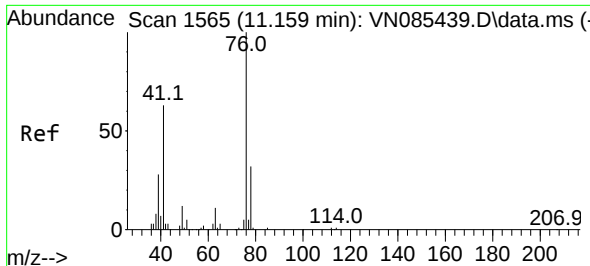
Tgt Ion: 97	Resp: 44190
Ion Ratio	Lower Upper
97 100	
83 81.6	69.0 103.6
85 55.4	44.6 66.8
99 60.6	48.6 72.8



#56
Ethyl methacrylate
Concen: 16.769 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

Tgt Ion: 69	Resp: 63244		
Ion Ratio	Lower	Upper	
69 100			
41 70.3	54.6	82.0	
39 39.5	32.4	48.6	

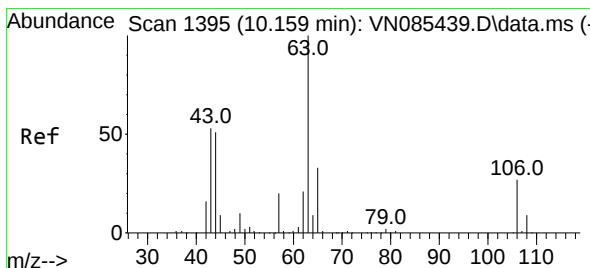
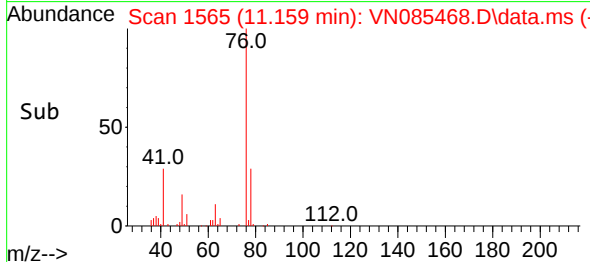
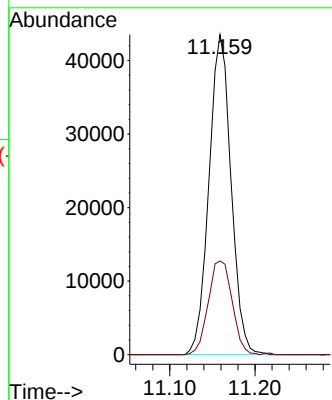
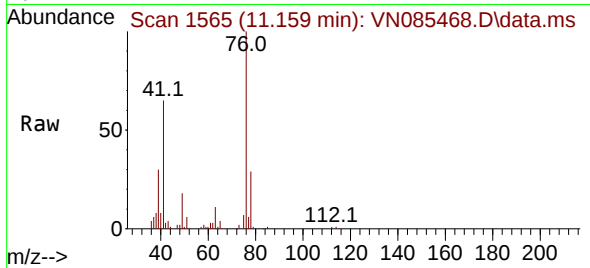




#57
1,3-Dichloropropane
Concen: 18.522 ug/l
RT: 11.159 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

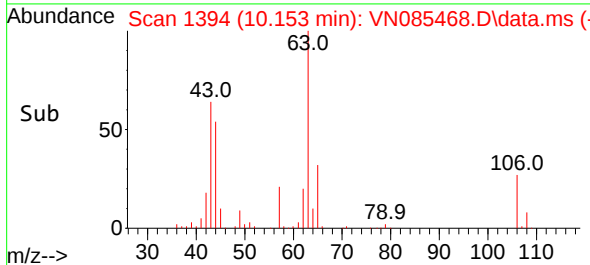
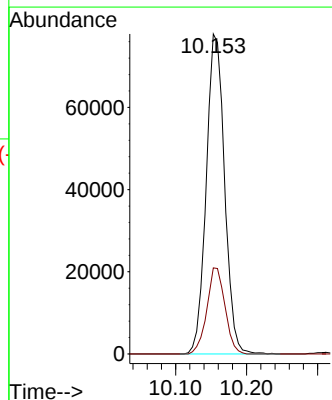
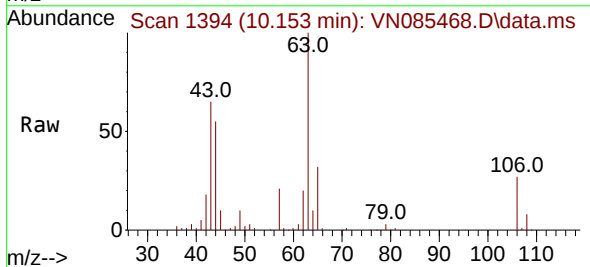
Instrument :
MSVOA_N
ClientSampleId :

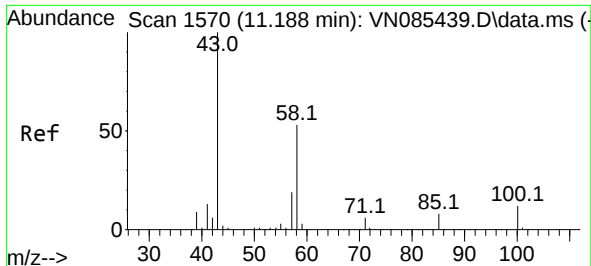
Tgt Ion: 76 Resp: 78341
Ion Ratio Lower Upper
76 100
78 31.7 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 90.546 ug/l
RT: 10.153 min Scan# 1394
Delta R.T. -0.006 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

Tgt Ion: 63 Resp: 139773
Ion Ratio Lower Upper
63 100
106 26.6 21.6 32.4

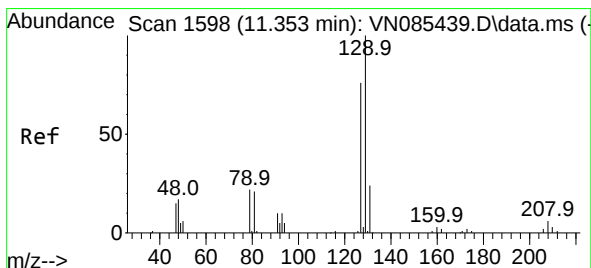
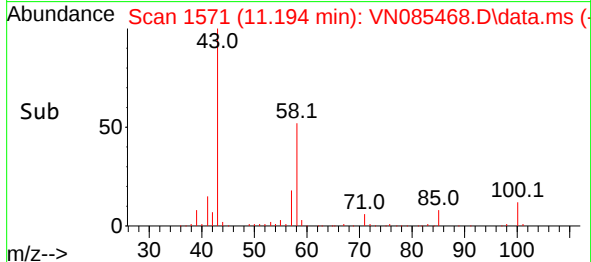
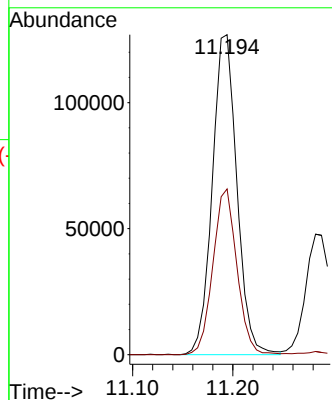
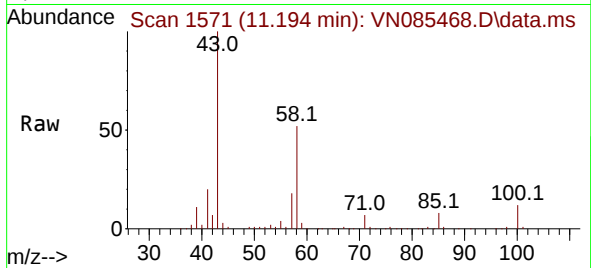




#59
2-Hexanone
Concen: 92.971 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

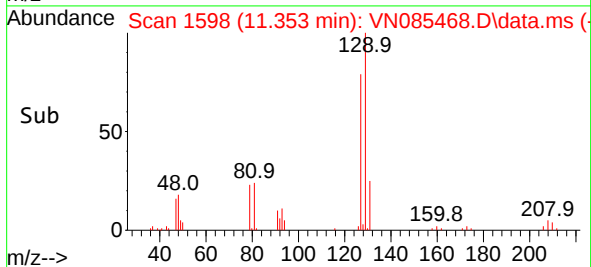
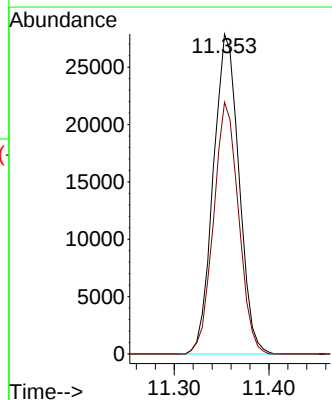
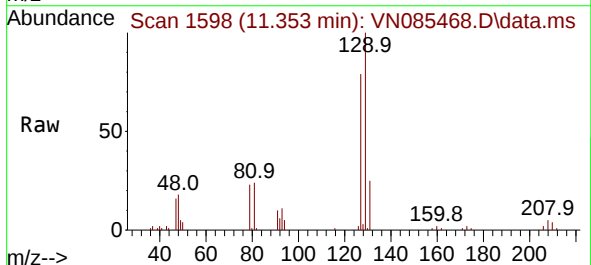
Instrument :
MSVOA_N
ClientSampleId :

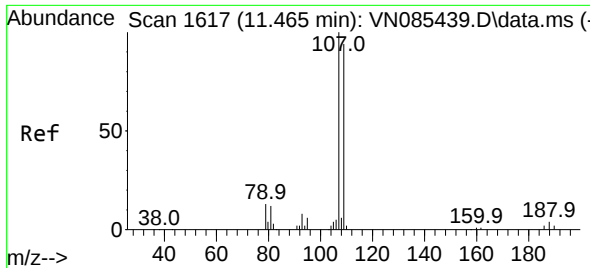
Tgt Ion: 43 Resp: 216763
Ion Ratio Lower Upper
43 100
58 50.6 26.2 78.6



#60
Dibromochloromethane
Concen: 17.904 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

Tgt Ion:129 Resp: 52581
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.8

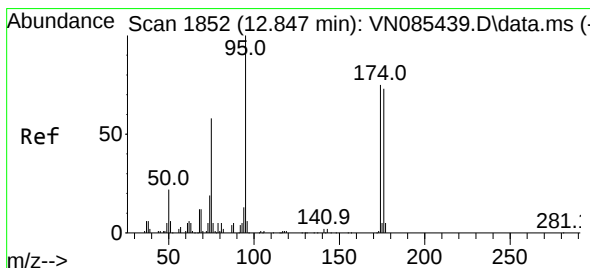
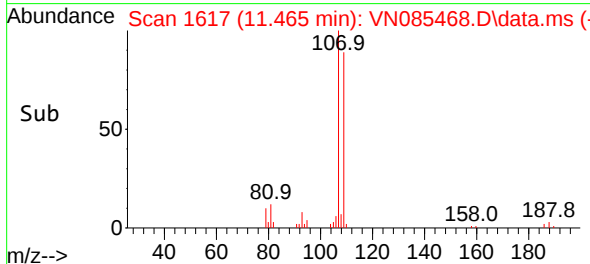
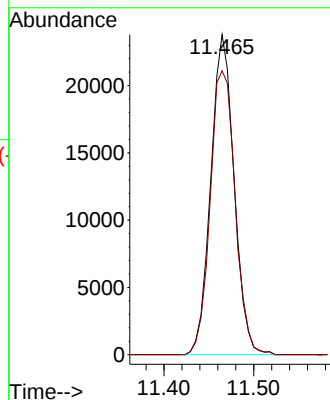
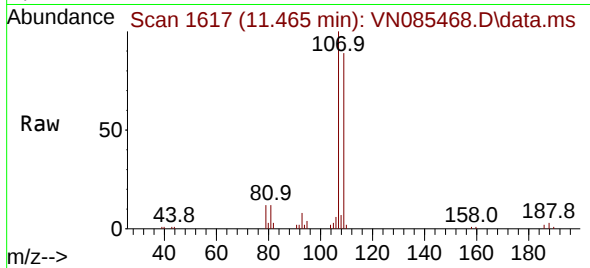




#61
1,2-Dibromoethane
Concen: 17.692 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

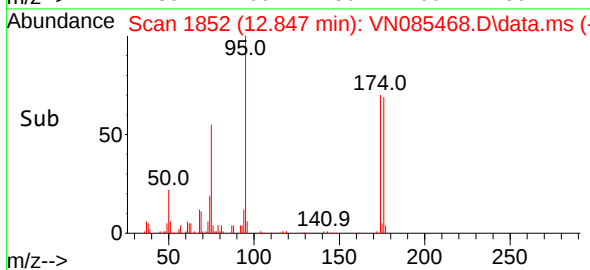
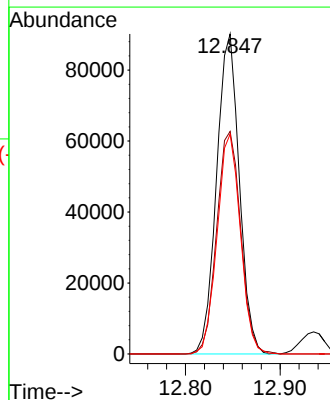
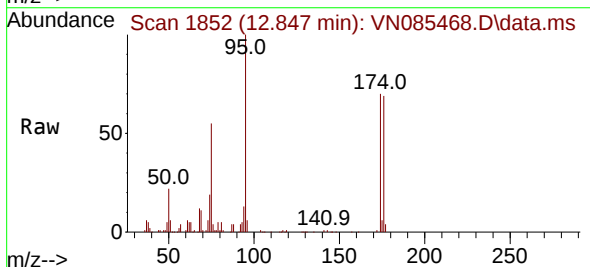
Instrument :
MSVOA_N
ClientSampleId :

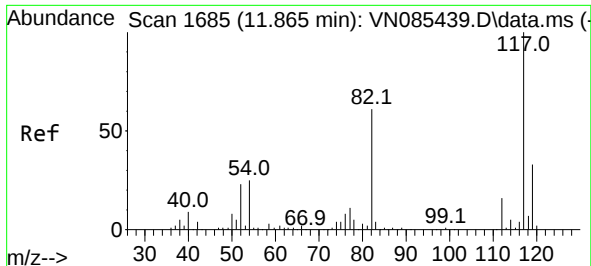
Tgt Ion:107 Resp: 42838
Ion Ratio Lower Upper
107 100
109 94.8 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 49.207 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

Tgt Ion: 95 Resp: 150448
Ion Ratio Lower Upper
95 100
174 73.5 0.0 145.0
176 70.0 0.0 142.4

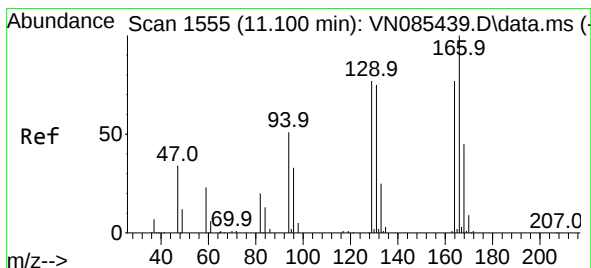
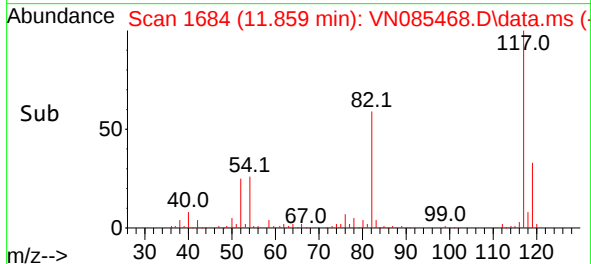
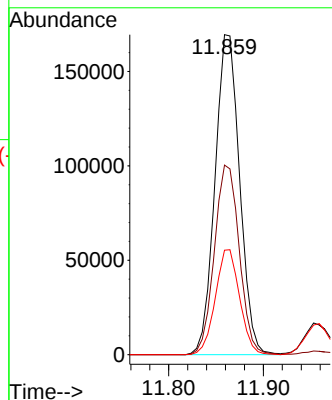
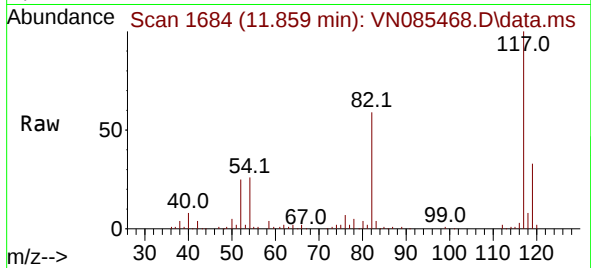




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

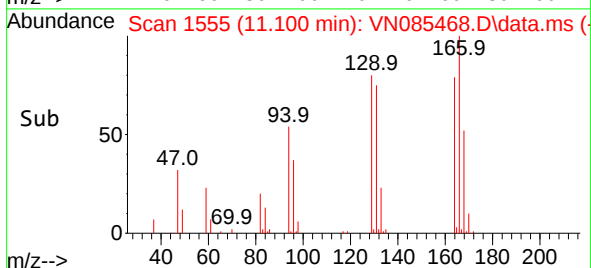
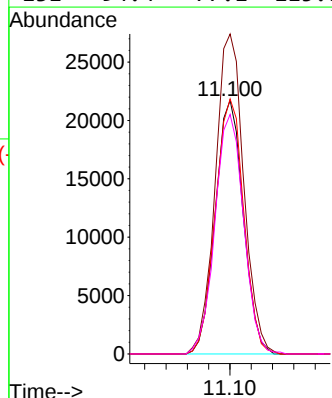
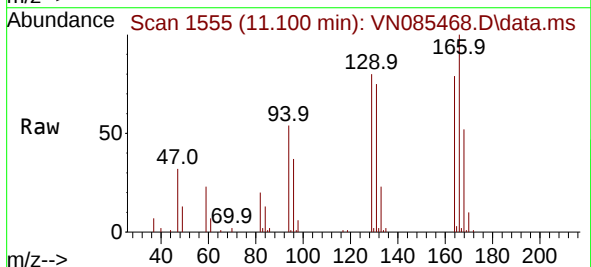
Instrument :
MSVOA_N
ClientSampleId :

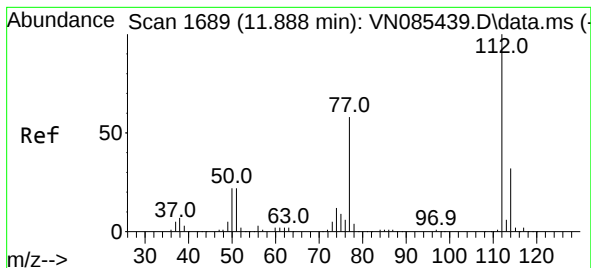
Tgt Ion:117 Resp: 307381
Ion Ratio Lower Upper
117 100
82 59.2 48.6 72.8
119 32.7 26.6 39.8



#64
Tetrachloroethene
Concen: 18.892 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

Tgt Ion:164 Resp: 39588
Ion Ratio Lower Upper
164 100
166 126.2 103.4 155.2
129 100.6 79.2 118.8
131 94.4 77.1 115.7

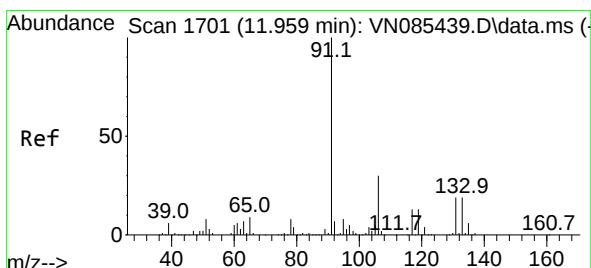
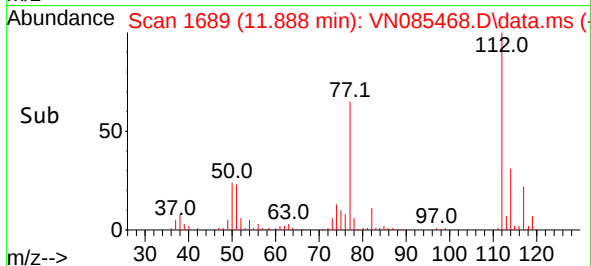
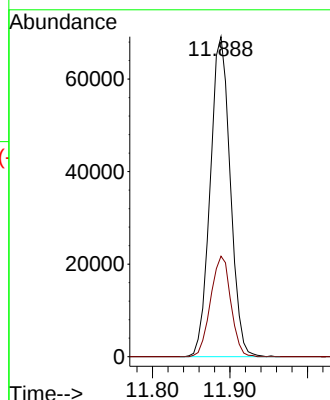
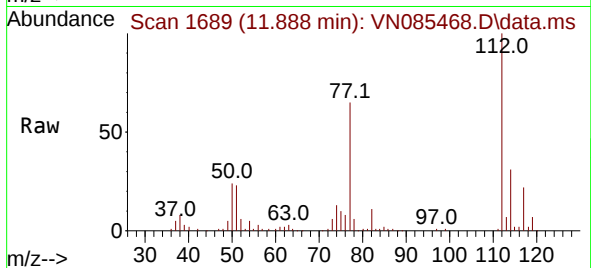




#65
Chlorobenzene
Concen: 18.445 ug/l
RT: 11.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

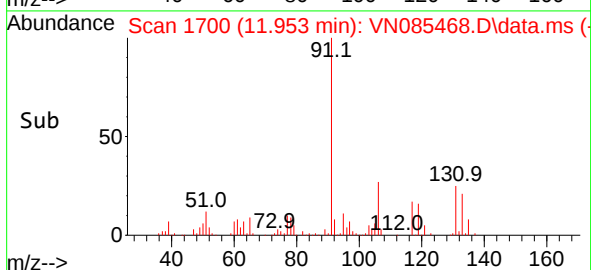
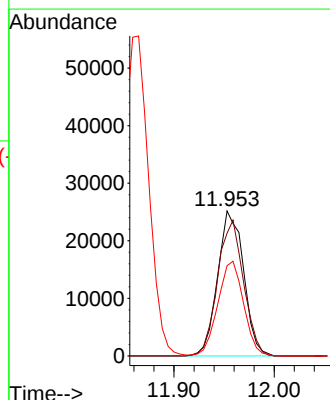
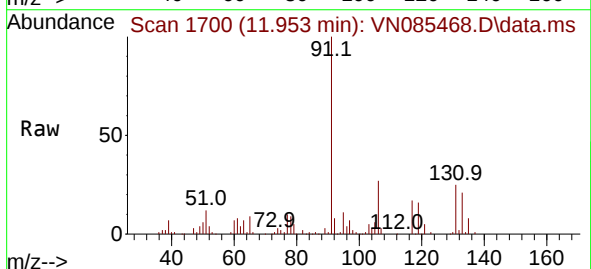
Instrument :
MSVOA_N
ClientSampleId :

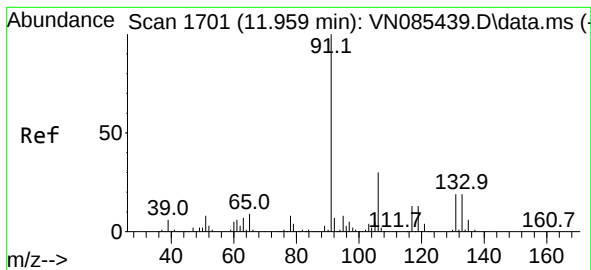
Tgt Ion:112 Resp: 124201
Ion Ratio Lower Upper
112 100
114 31.4 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 18.295 ug/l
RT: 11.953 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

Tgt Ion:131 Resp: 45214
Ion Ratio Lower Upper
131 100
133 93.9 47.4 142.3
119 64.8 33.1 99.5

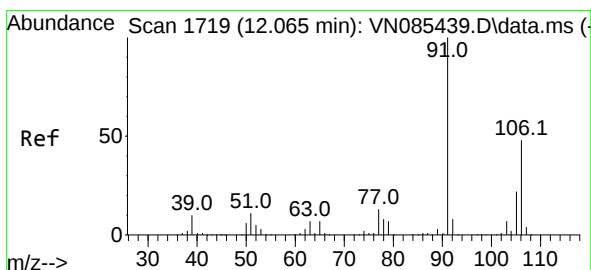
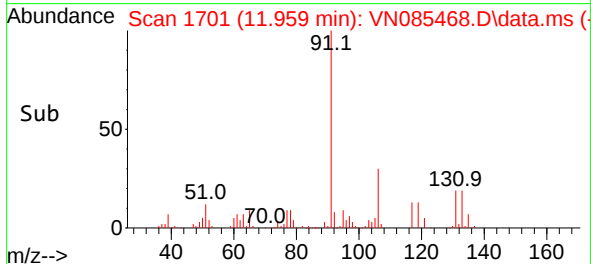
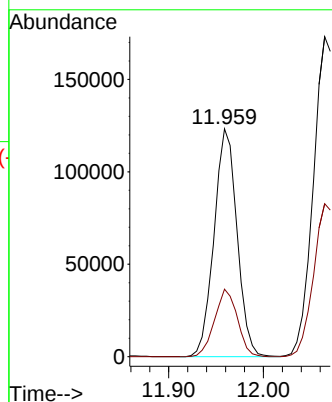
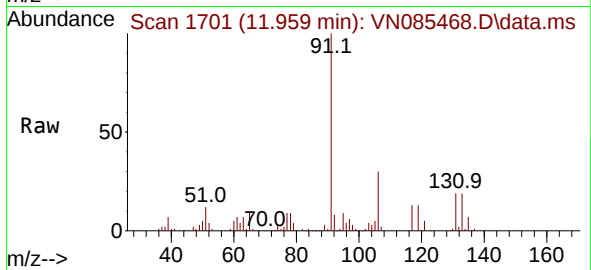




#67
Ethyl Benzene
Concen: 18.946 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

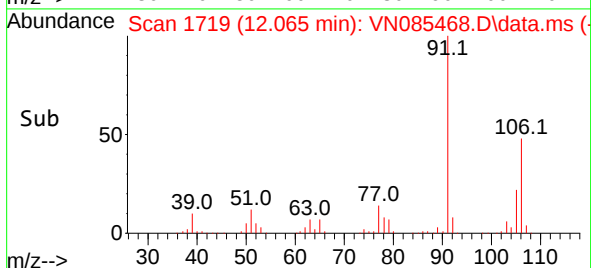
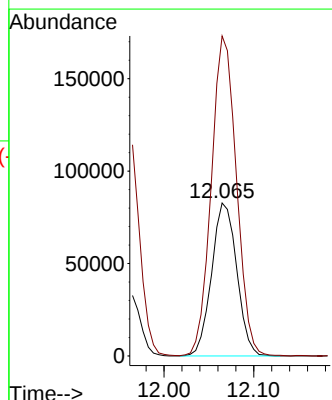
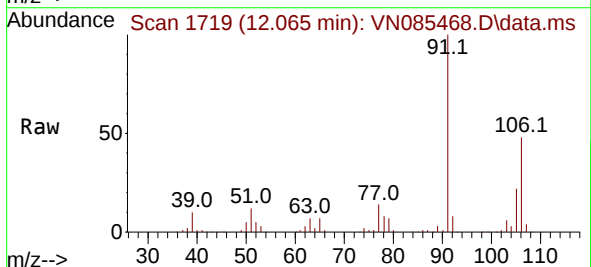
Instrument :
MSVOA_N
ClientSampleId :

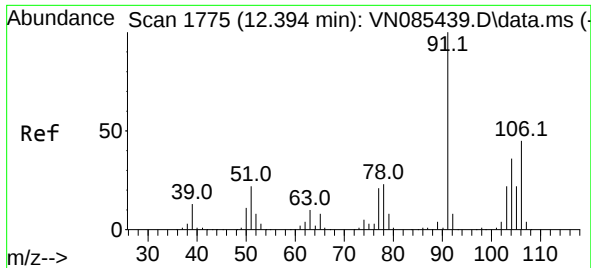
Tgt Ion: 91 Resp: 207788
Ion Ratio Lower Upper
91 100
106 29.6 23.8 35.8



#68
m/p-Xylenes
Concen: 39.737 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

Tgt Ion:106 Resp: 161071
Ion Ratio Lower Upper
106 100
91 208.9 167.7 251.5

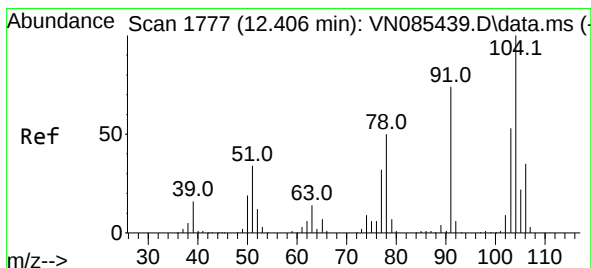
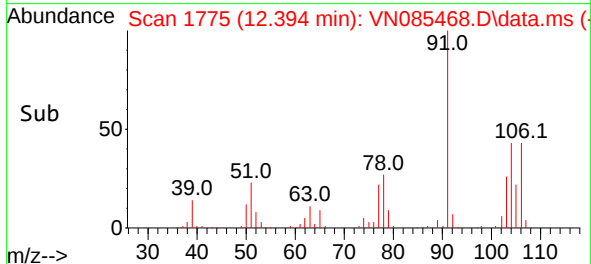
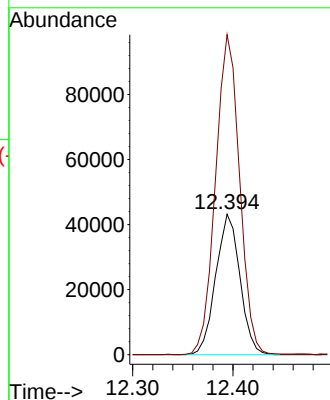
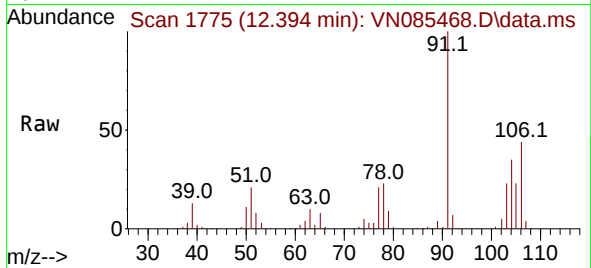




#69
o-Xylene
Concen: 18.639 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

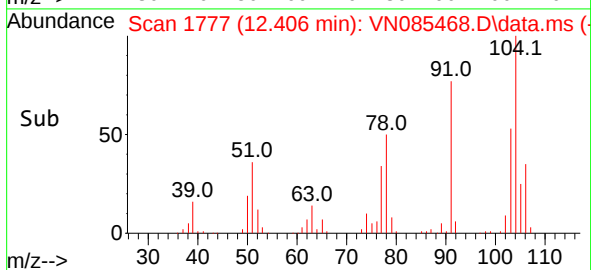
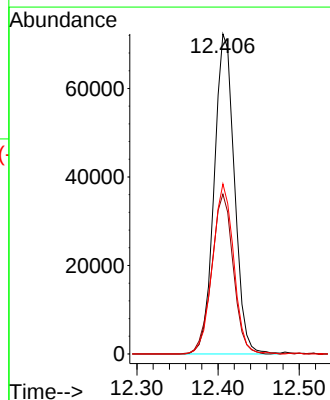
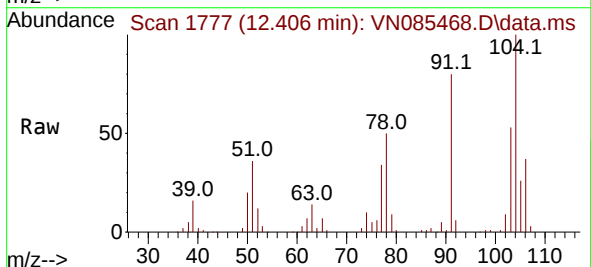
Instrument :
MSVOA_N
ClientSampleId :

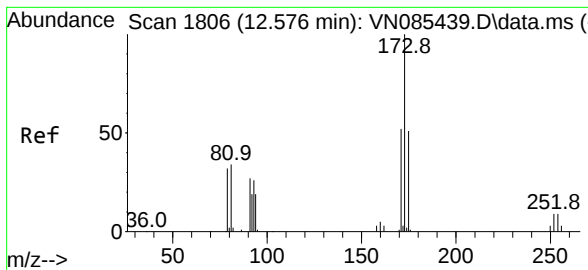
Tgt Ion:106 Resp: 72203
Ion Ratio Lower Upper
106 100
91 227.5 110.4 331.2



#70
Styrene
Concen: 19.579 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

Tgt Ion:104 Resp: 125516
Ion Ratio Lower Upper
104 100
78 53.1 42.5 63.7
103 55.5 43.8 65.8

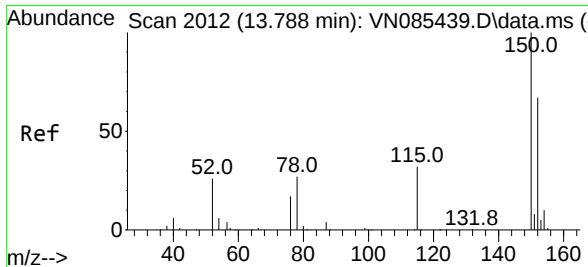
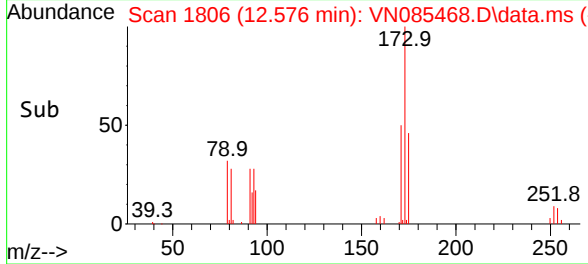
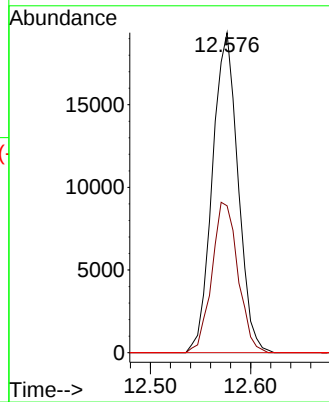
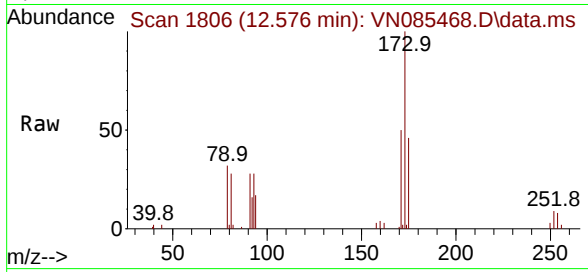




#71
Bromoform
Concen: 19.444 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

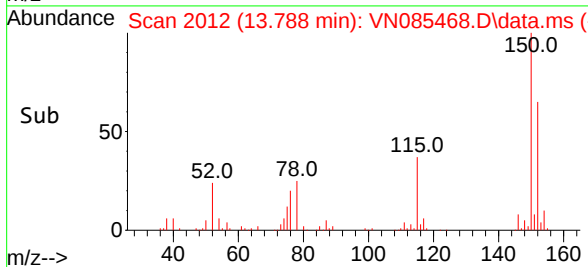
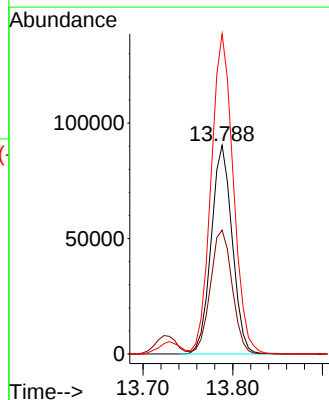
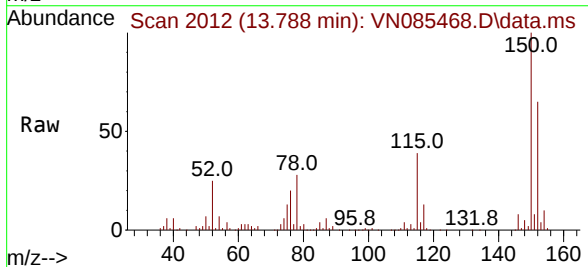
Instrument :
MSVOA_N
ClientSampleId :

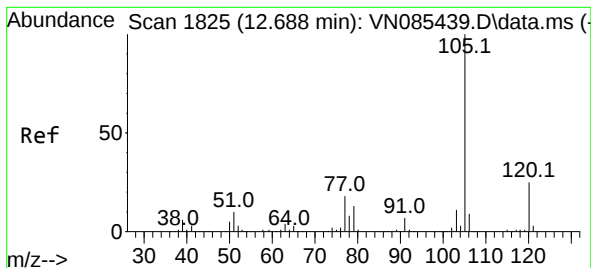
Tgt Ion:173 Resp: 34384
Ion Ratio Lower Upper
173 100
175 47.9 24.4 73.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

Tgt Ion:152 Resp: 146825
Ion Ratio Lower Upper
152 100
115 61.6 31.1 93.3
150 162.0 0.0 343.6





#73

Isopropylbenzene

Concen: 19.169 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VN085468.D

Acq: 16 Jan 2025 13:53

Instrument :

MSVOA_N

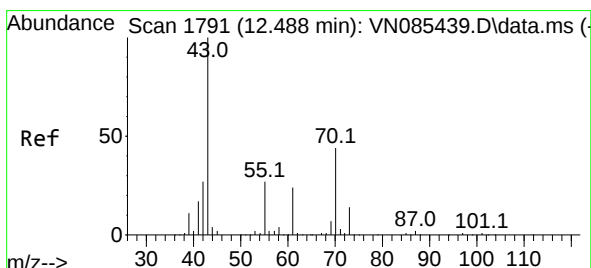
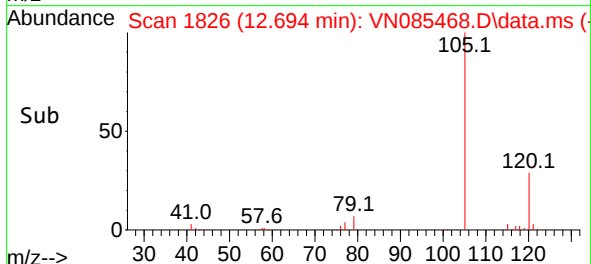
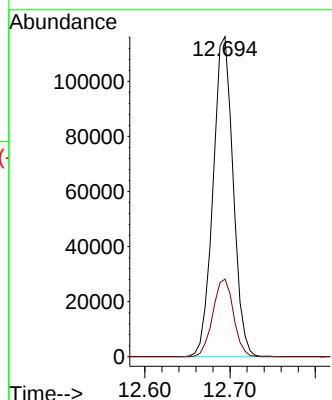
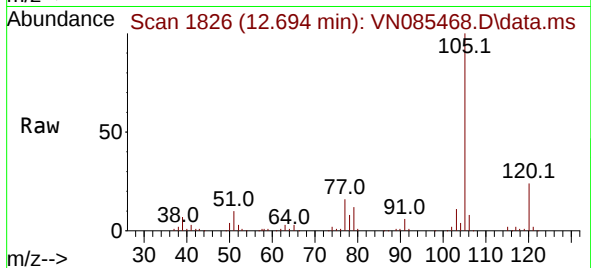
ClientSampleId :

Tgt Ion:105 Resp: 189954

Ion Ratio Lower Upper

105 100

120 24.9 12.8 38.3



#74

N-ethyl acetate

Concen: 18.358 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VN085468.D

Acq: 16 Jan 2025 13:53

Tgt Ion: 43 Resp: 81769

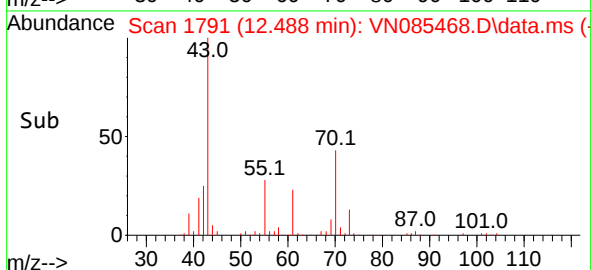
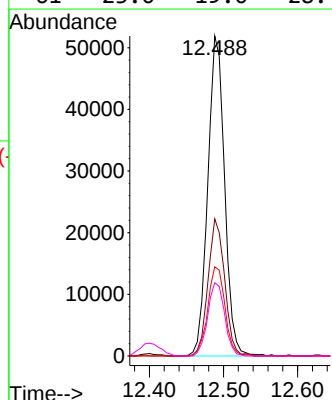
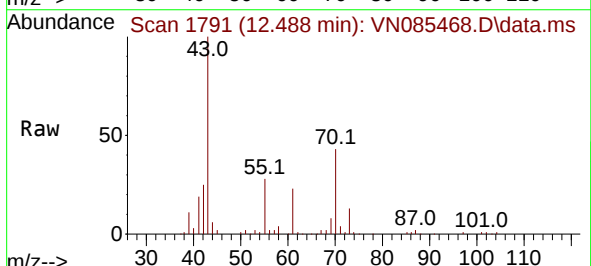
Ion Ratio Lower Upper

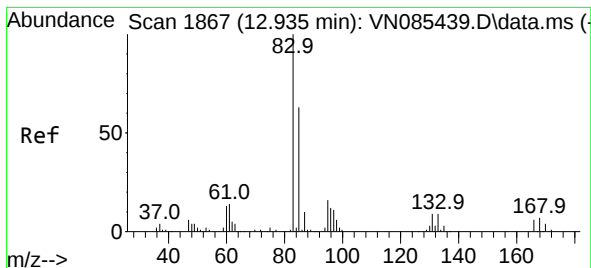
43 100

70 42.4 34.0 51.0

55 28.6 21.4 32.2

61 23.0 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.475 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN085468.D

Acq: 16 Jan 2025 13:53

Instrument :

MSVOA_N

ClientSampleId :

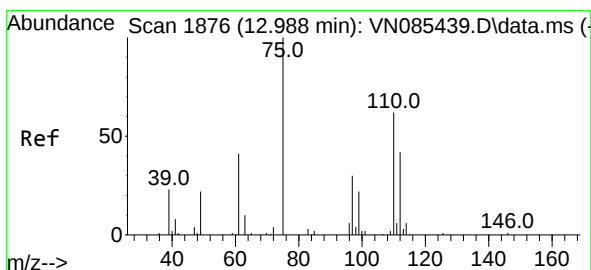
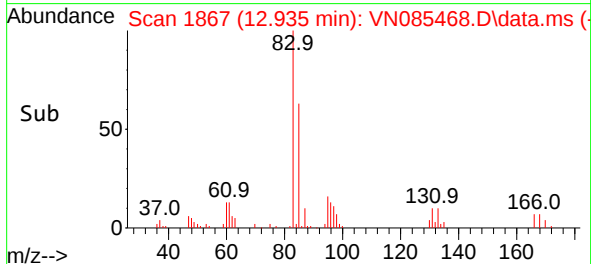
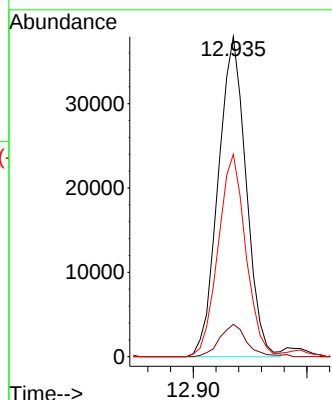
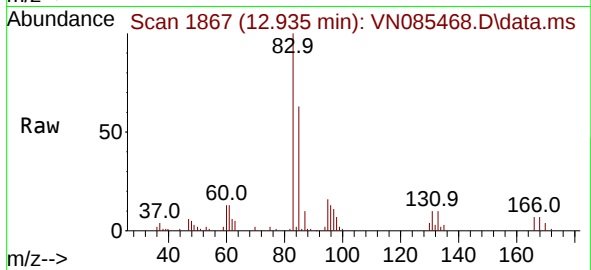
Tgt Ion: 83 Resp: 64669

Ion Ratio Lower Upper

83 100

131 9.9 4.8 14.4

85 62.8 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 27.543 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN085468.D

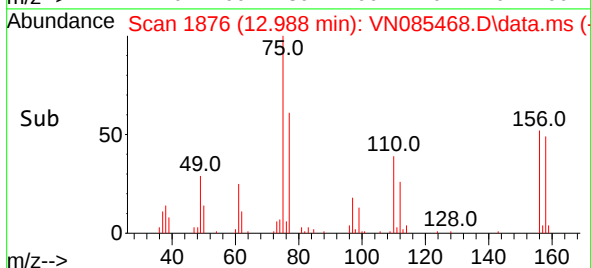
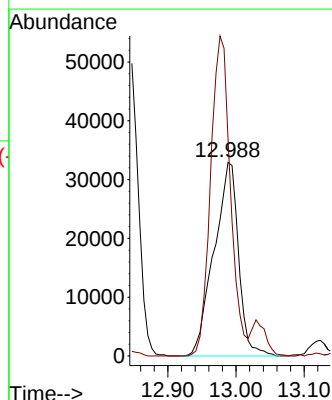
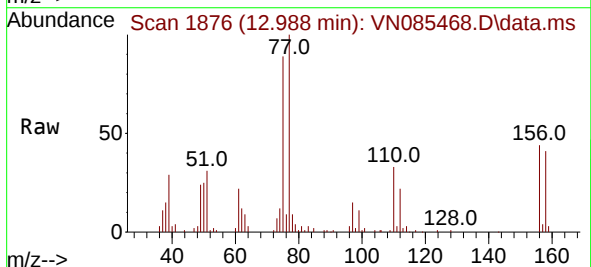
Acq: 16 Jan 2025 13:53

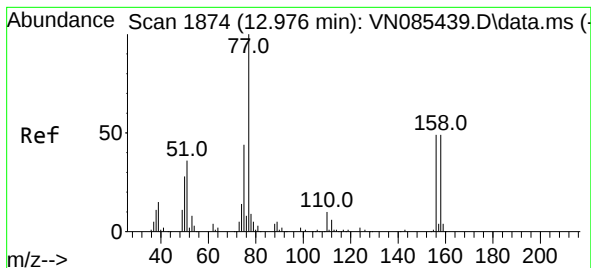
Tgt Ion: 75 Resp: 82196

Ion Ratio Lower Upper

75 100

77 134.3 109.7 329.2





#77

Bromobenzene

Concen: 18.467 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN085468.D

Acq: 16 Jan 2025 13:53

Instrument :

MSVOA_N

ClientSampleId :

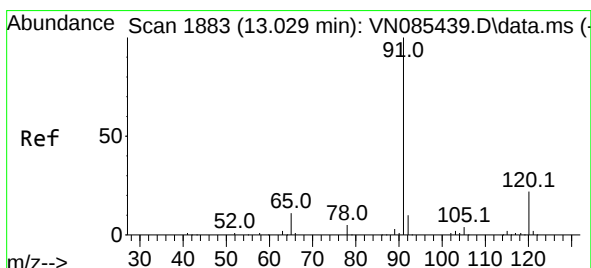
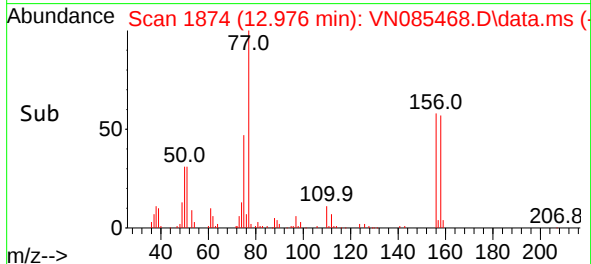
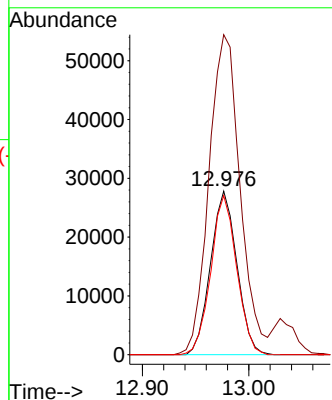
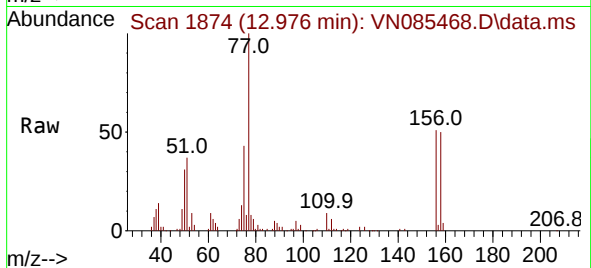
Tgt Ion:156 Resp: 47811

Ion Ratio Lower Upper

156 100

77 230.9 114.1 342.4

158 95.4 48.9 146.8



#78

n-propylbenzene

Concen: 19.583 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. 0.000 min

Lab File: VN085468.D

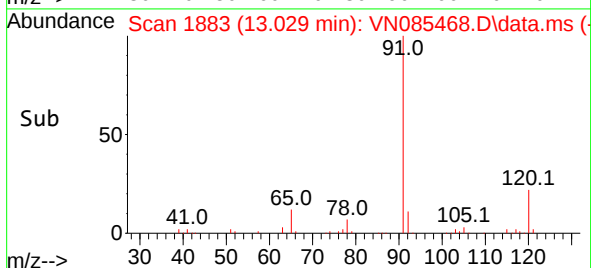
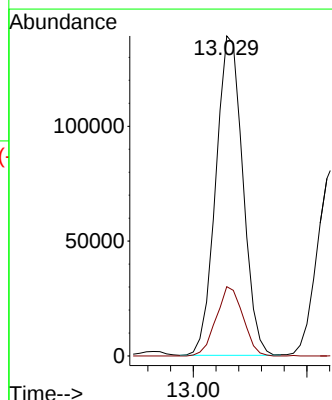
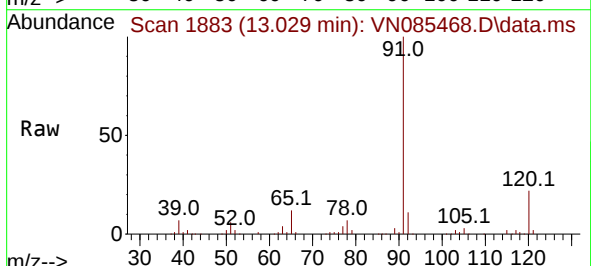
Acq: 16 Jan 2025 13:53

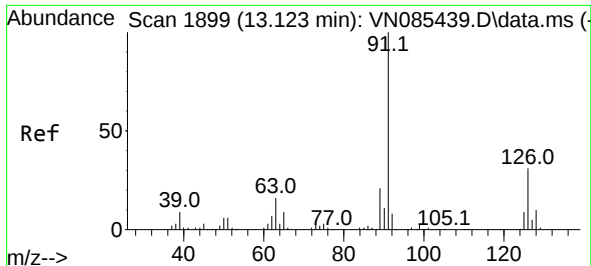
Tgt Ion: 91 Resp: 229736

Ion Ratio Lower Upper

91 100

120 21.5 10.9 32.6

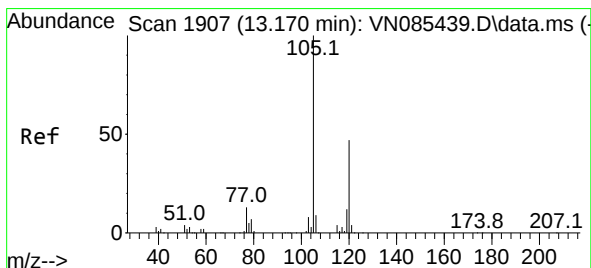
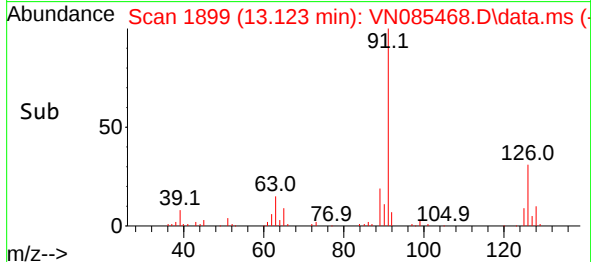
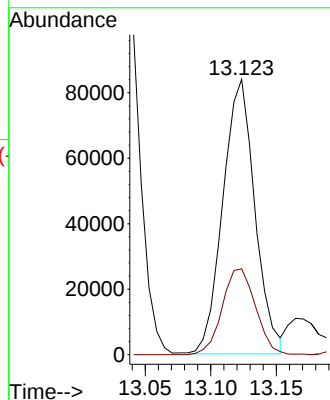
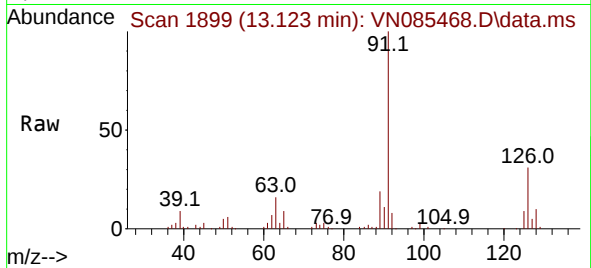




#79
2-Chlorotoluene
Concen: 18.786 ug/l
RT: 13.123 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

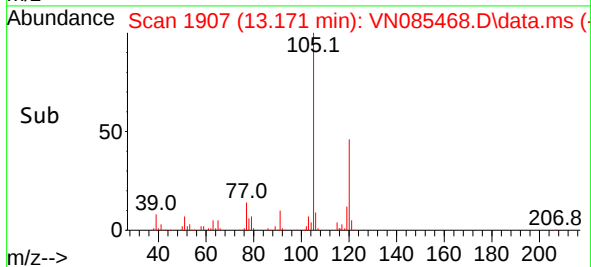
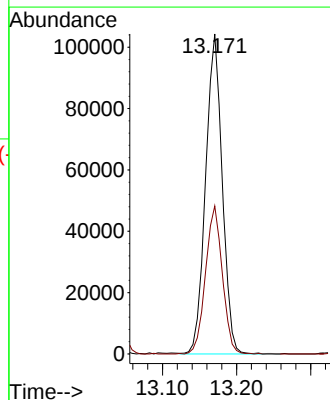
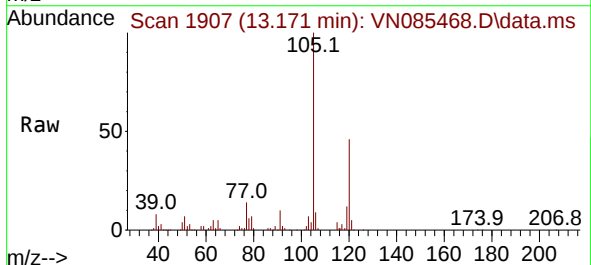
Instrument :
MSVOA_N
ClientSampleId :

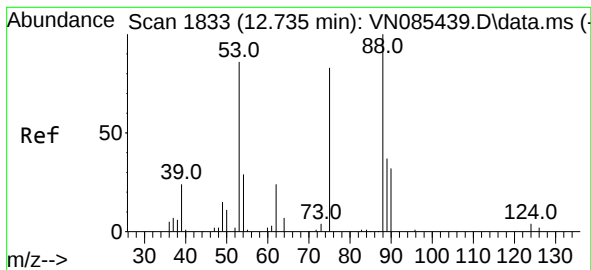
Tgt Ion: 91 Resp: 142626
Ion Ratio Lower Upper
91 100
126 32.6 15.7 47.1



#80
1,3,5-Trimethylbenzene
Concen: 19.903 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

Tgt Ion:105 Resp: 162910
Ion Ratio Lower Upper
105 100
120 46.7 23.9 71.7

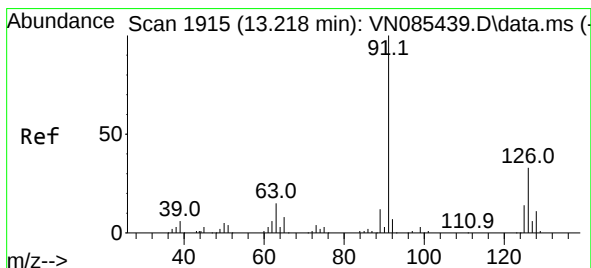
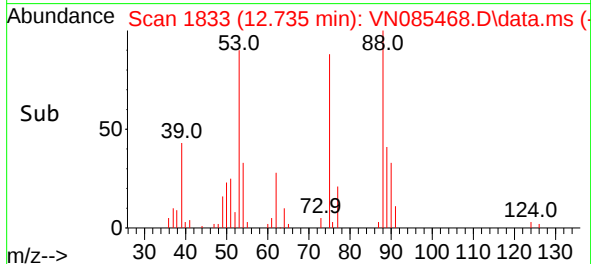
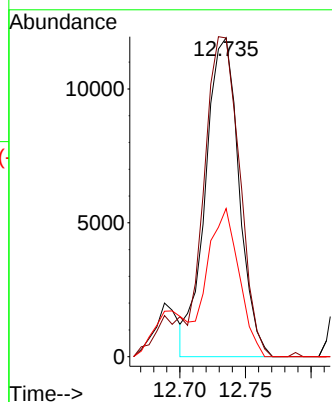
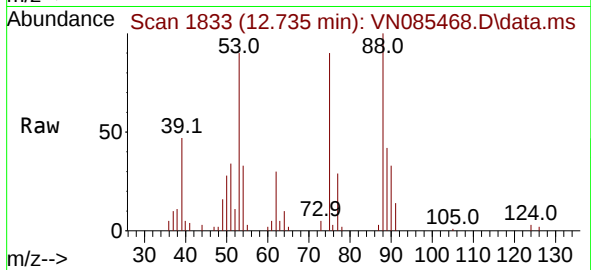




#81
trans-1,4-Dichloro-2-butene
Concen: 19.197 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

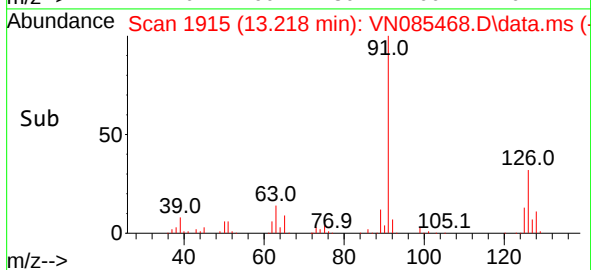
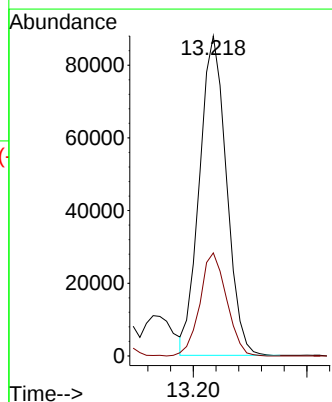
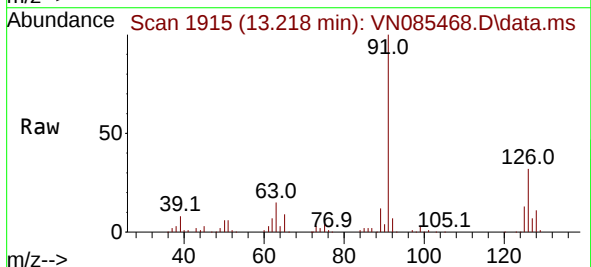
Instrument :
MSVOA_N
ClientSampleId :

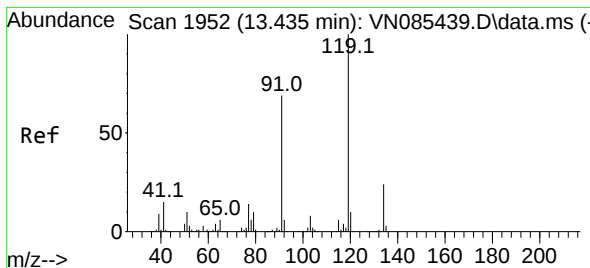
Tgt Ion: 75 Resp: 21174
Ion Ratio Lower Upper
75 100
53 115.8 95.6 143.4
89 44.6 37.0 55.6



#82
4-Chlorotoluene
Concen: 19.176 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085468.D
Acq: 16 Jan 2025 13:53

Tgt Ion: 91 Resp: 144962
Ion Ratio Lower Upper
91 100
126 31.9 15.9 47.7





#83

tert-Butylbenzene

Concen: 18.948 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN085468.D

Acq: 16 Jan 2025 13:53

Instrument :

MSVOA_N

ClientSampleId :

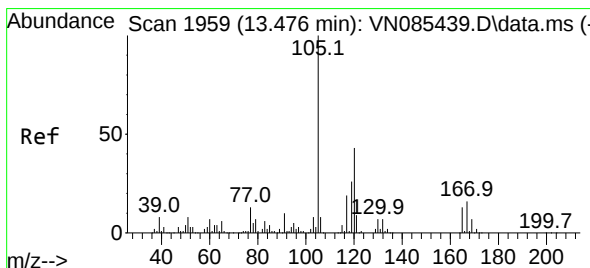
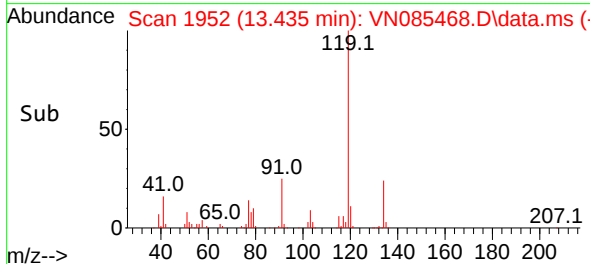
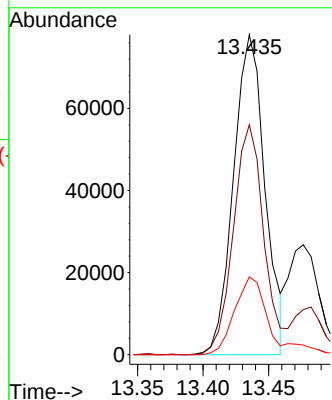
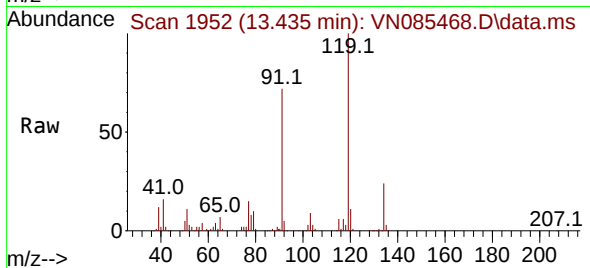
Tgt Ion:119 Resp: 130247

Ion Ratio Lower Upper

119 100

91 70.4 35.1 105.3

134 26.7 12.0 36.1



#84

1,2,4-Trimethylbenzene

Concen: 19.743 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VN085468.D

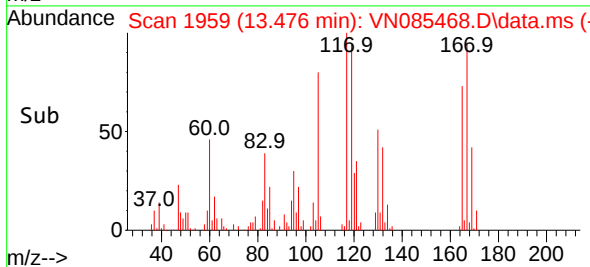
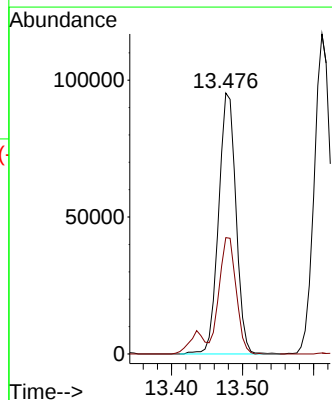
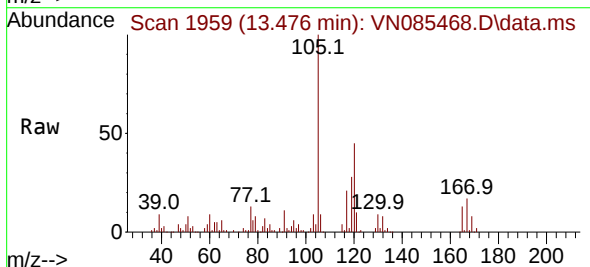
Acq: 16 Jan 2025 13:53

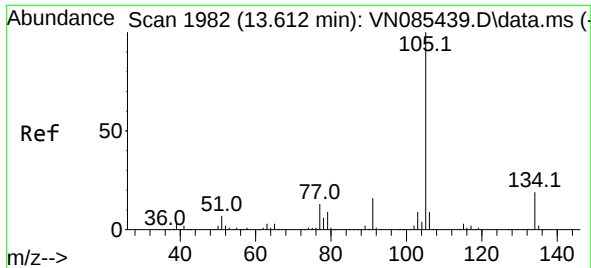
Tgt Ion:105 Resp: 161062

Ion Ratio Lower Upper

105 100

120 43.5 21.6 65.0

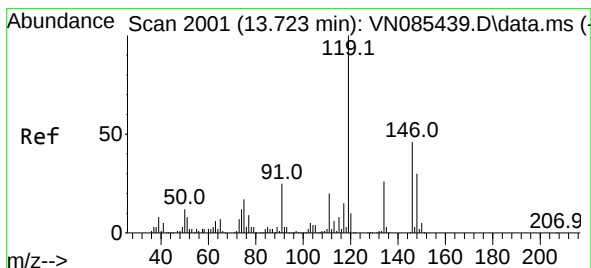
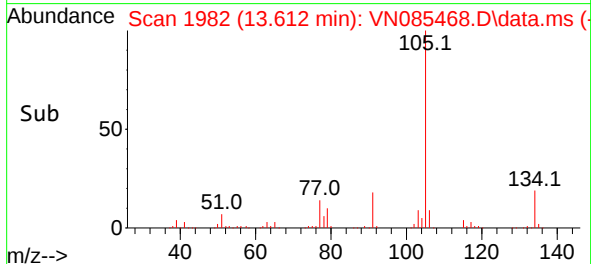
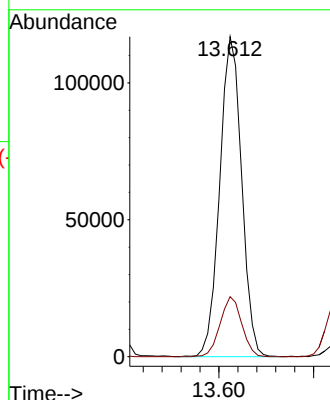
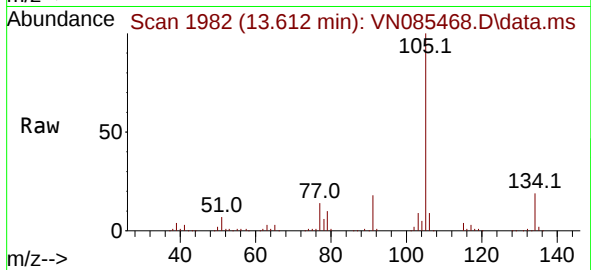




#85
 sec-Butylbenzene
 Concen: 19.705 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085468.D
 Acq: 16 Jan 2025 13:53

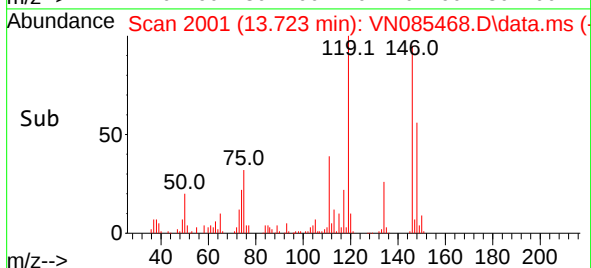
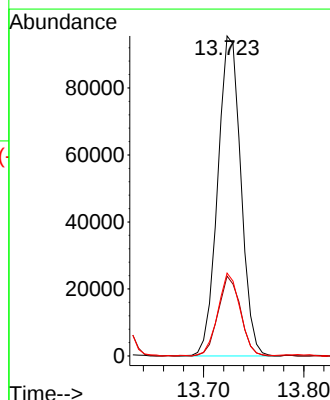
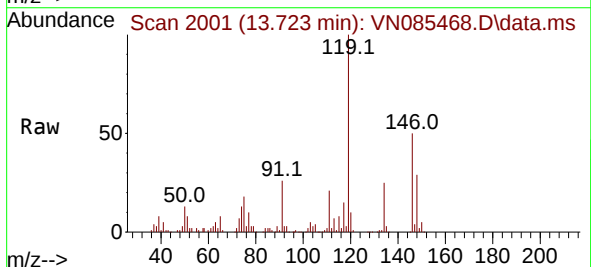
Instrument :
 MSVOA_N
 ClientSampleId :

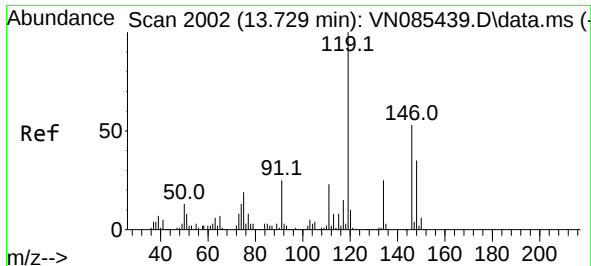
Tgt Ion:105 Resp: 187726
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 19.313 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085468.D
 Acq: 16 Jan 2025 13:53

Tgt Ion:119 Resp: 153063
 Ion Ratio Lower Upper
 119 100
 134 24.1 12.7 38.0
 91 25.0 12.7 38.1

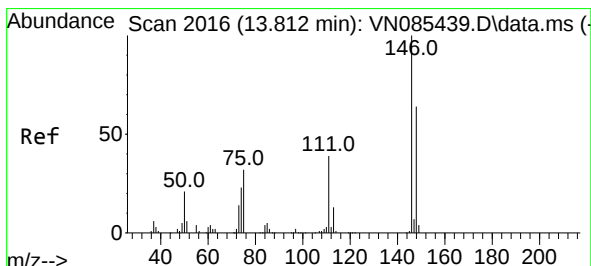
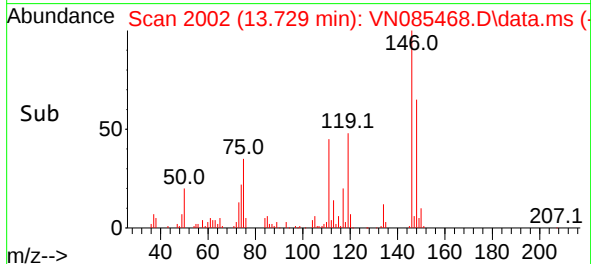
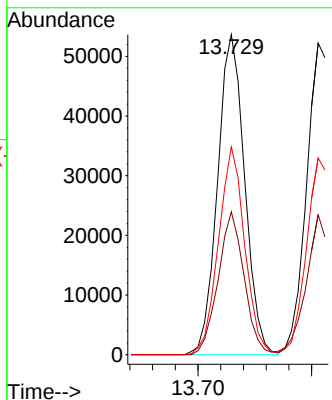
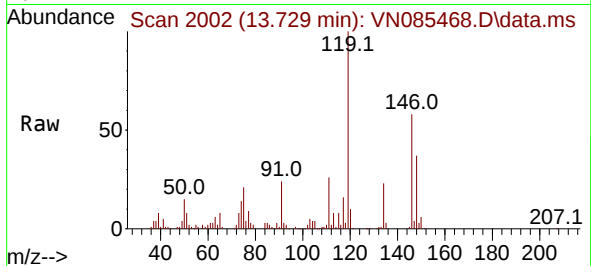




#87
 1,3-Dichlorobenzene
 Concen: 18.651 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN085468.D
 Acq: 16 Jan 2025 13:53

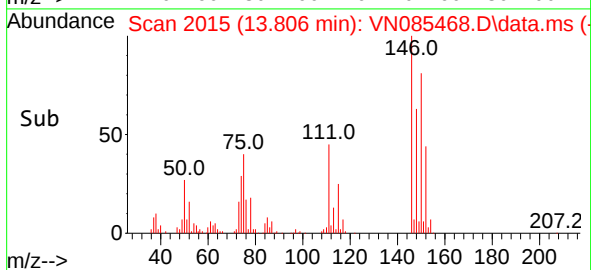
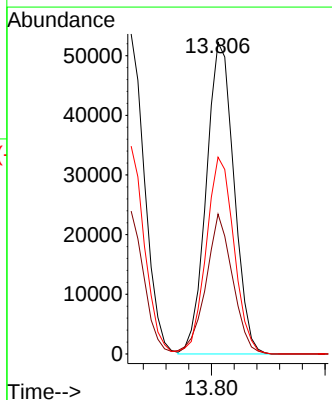
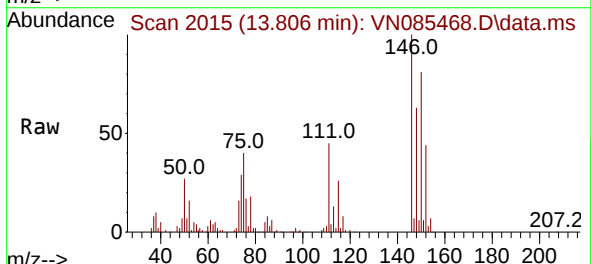
Instrument :
 MSVOA_N
 ClientSampleId :

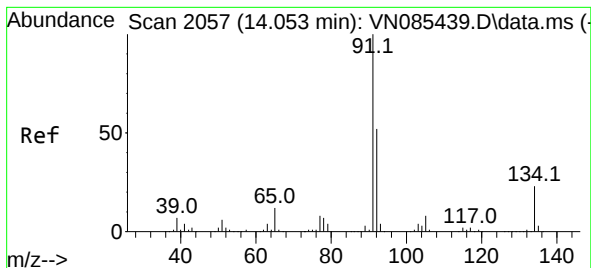
Tgt Ion:146 Resp: 88924
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.4 64.3
 148 62.8 32.3 96.9



#88
 1,4-Dichlorobenzene
 Concen: 17.919 ug/l
 RT: 13.806 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: VN085468.D
 Acq: 16 Jan 2025 13:53

Tgt Ion:146 Resp: 88555
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.3 63.7
 148 63.7 32.4 97.0





#89

n-Butylbenzene

Concen: 18.239 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN085468.D

Acq: 16 Jan 2025 13:53

Instrument :

MSVOA_N

ClientSampleId :

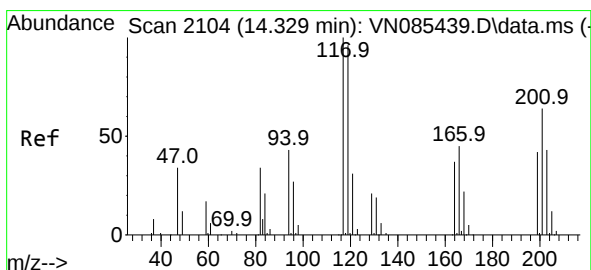
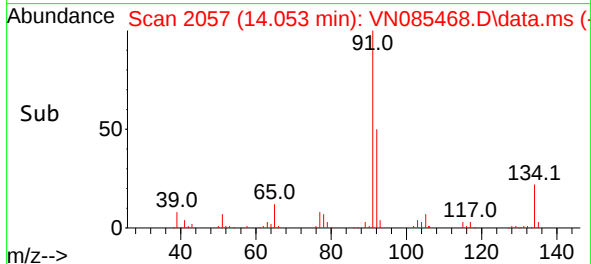
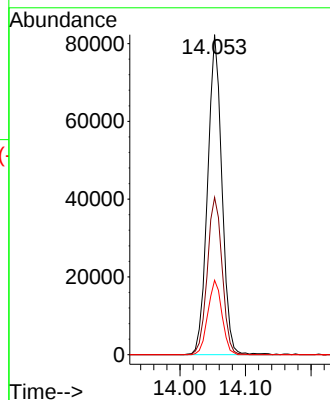
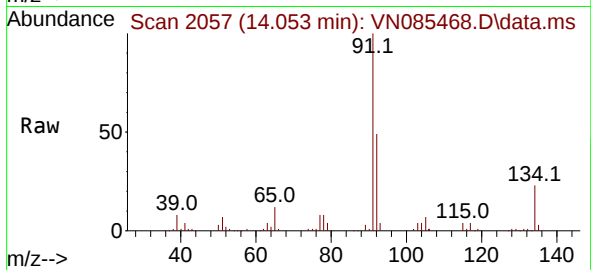
Tgt Ion: 91 Resp: 124658

Ion Ratio Lower Upper

91 100

92 50.9 25.8 77.3

134 22.9 11.7 35.1



#90

Hexachloroethane

Concen: 18.097 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN085468.D

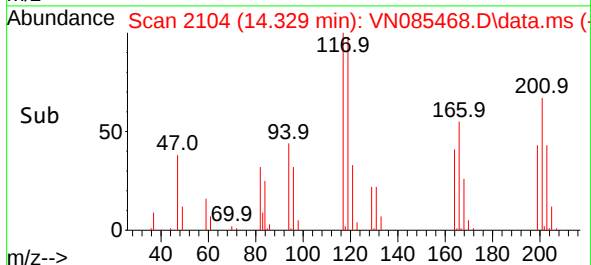
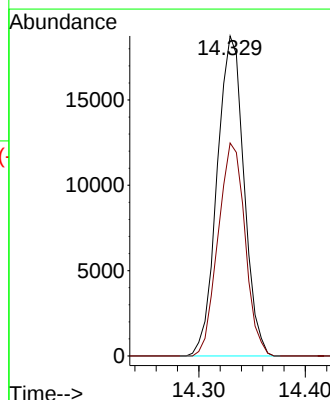
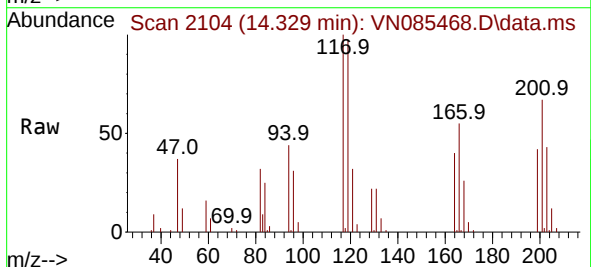
Acq: 16 Jan 2025 13:53

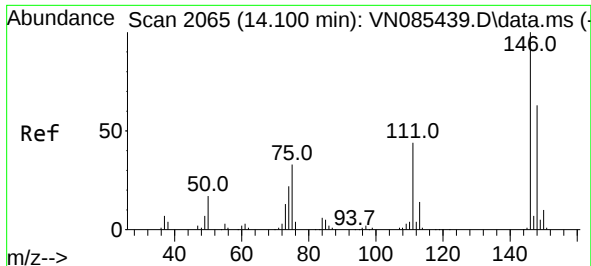
Tgt Ion: 117 Resp: 32822

Ion Ratio Lower Upper

117 100

201 66.7 33.7 101.0





#91

1,2-Dichlorobenzene

Concen: 17.747 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. 0.000 min

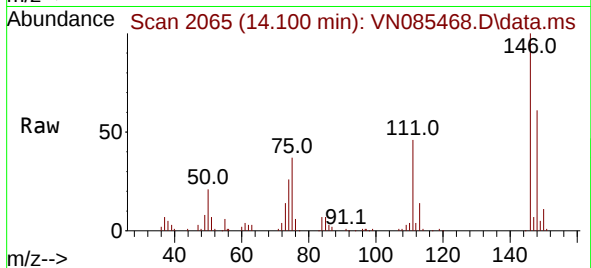
Lab File: VN085468.D

Acq: 16 Jan 2025 13:53

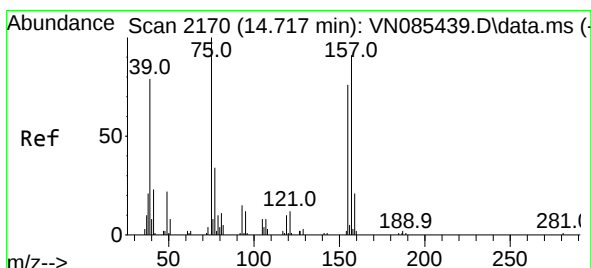
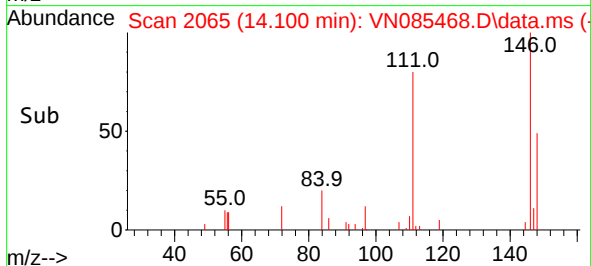
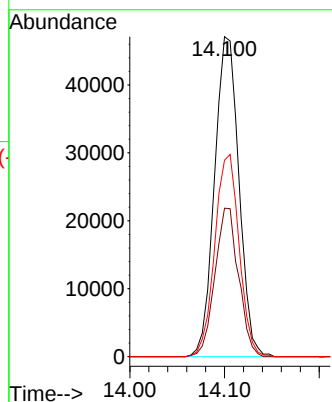
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	146	Resp:	84403
Ion Ratio	Lower	Upper	
146	100		
111	45.0	21.7	65.1
148	63.1	31.4	94.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.911 ug/l

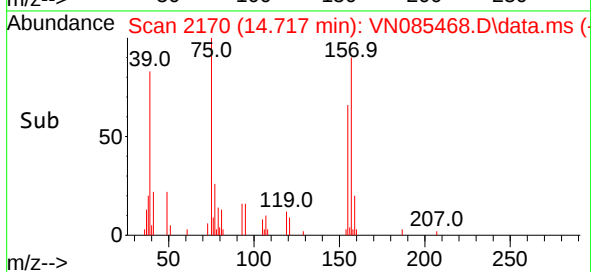
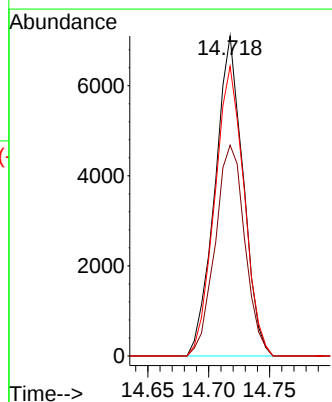
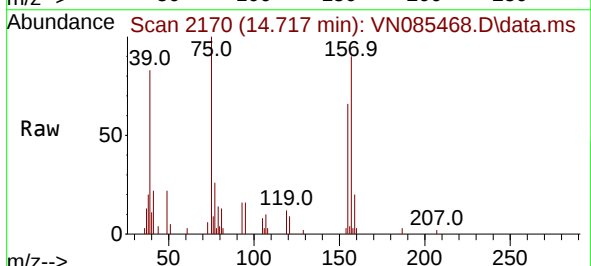
RT: 14.717 min Scan# 2170

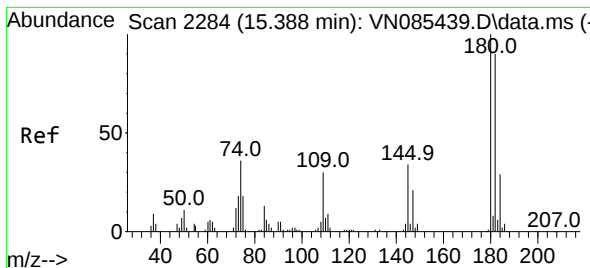
Delta R.T. 0.000 min

Lab File: VN085468.D

Acq: 16 Jan 2025 13:53

Tgt Ion:	75	Resp:	11449
Ion Ratio	Lower	Upper	
75	100		
155	69.4	36.4	109.2
157	94.1	45.4	136.1





#93

1,2,4-Trichlorobenzene

Concen: 16.977 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. 0.000 min

Lab File: VN085468.D

Acq: 16 Jan 2025 13:53

Instrument :

MSVOA_N

ClientSampleId :

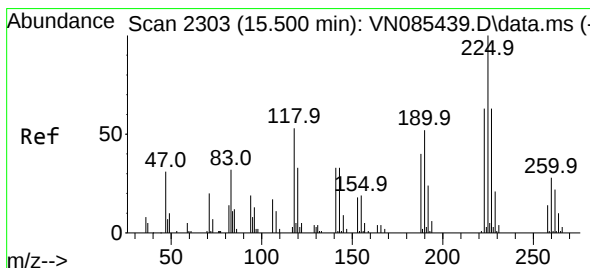
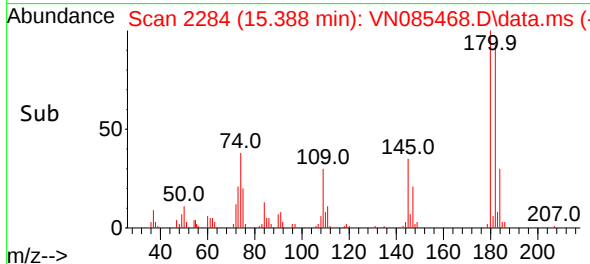
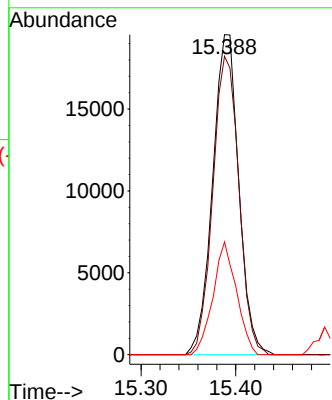
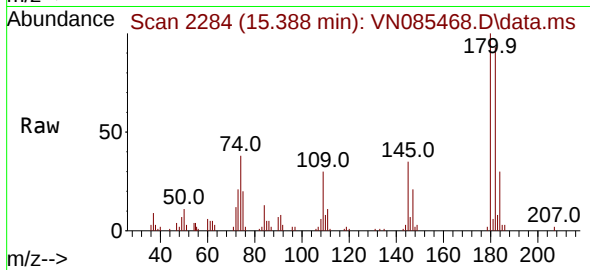
Tgt Ion:180 Resp: 37526

Ion Ratio Lower Upper

180 100

182 92.8 46.8 140.3

145 31.7 16.0 48.0



#94

Hexachlorobutadiene

Concen: 17.264 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN085468.D

Acq: 16 Jan 2025 13:53

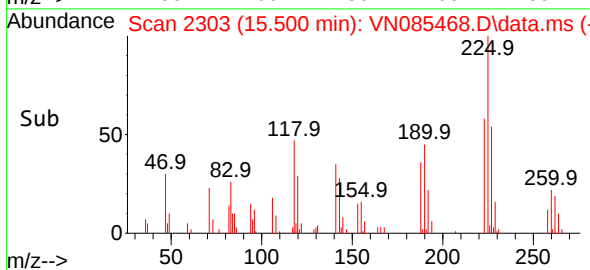
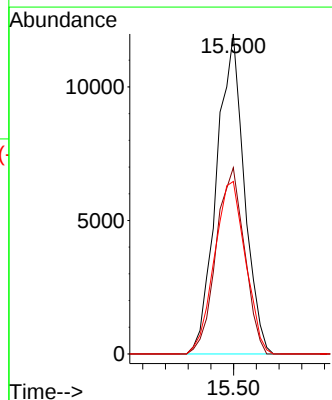
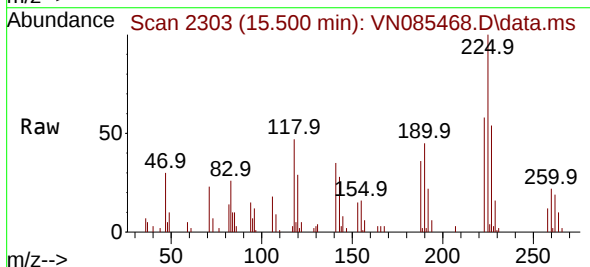
Tgt Ion:225 Resp: 20260

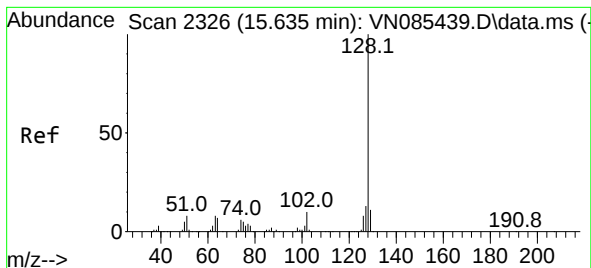
Ion Ratio Lower Upper

225 100

223 59.6 30.7 92.1

227 60.4 30.9 92.5





#95

Naphthalene

Concen: 15.069 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN085468.D

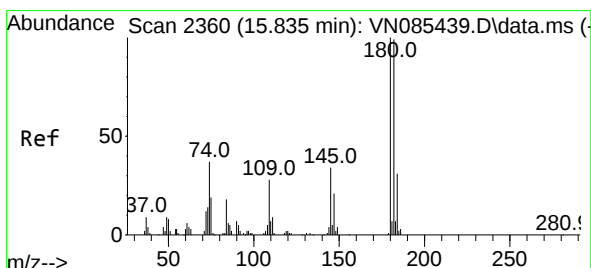
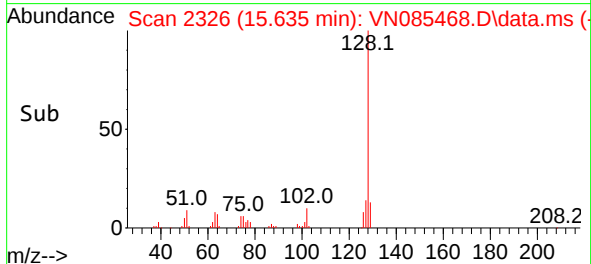
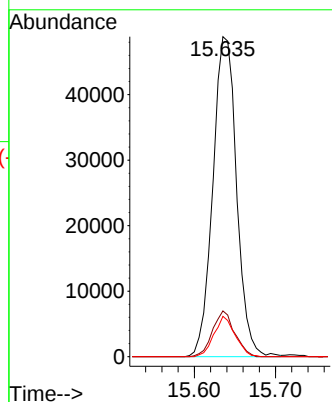
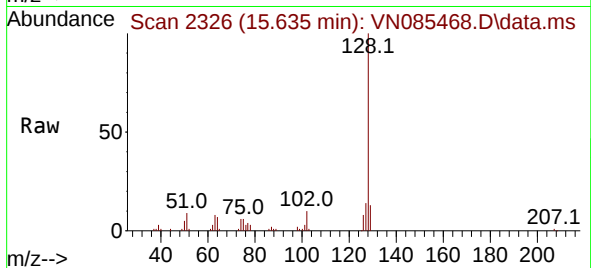
Acq: 16 Jan 2025 13:53

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	128	Resp:	99391
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	16.0
129	11.2	8.8	13.2



#96

1,2,3-Trichlorobenzene

Concen: 16.310 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085468.D

Acq: 16 Jan 2025 13:53

Tgt Ion:	180	Resp:	36479
Ion Ratio	Lower	Upper	
180	100		
182	96.6	47.4	142.2
145	35.0	16.9	50.7

