

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120624\
 Data File : VN085118.D
 Acq On : 06 Dec 2024 10:26
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Quant Time: Dec 06 22:28:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N120624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 06 22:19:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	31263	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	162398	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	151793	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	74804	30.155	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.533%	
60) 4-Bromofluorobenzene	12.847	95	75101	29.902	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 99.667%	
63) Toluene-d8	10.565	98	218988	30.755	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.533%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	51416	20.557	ug/l	100
3) Chloromethane	2.359	50	43625	19.705	ug/l	100
4) Vinyl Chloride	2.512	62	44749	19.762	ug/l	100
5) Bromomethane	2.965	94	27801	19.338	ug/l	100
6) Chloroethane	3.124	64	27130	19.501	ug/l	100
7) Trichlorofluoromethane	3.500	101	72134	19.461	ug/l	100
8) Diethyl Ether	3.959	74	21832	18.596	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	40093	19.343	ug/l	100
10) 1,1-Dichloroethene	4.342	96	36518	19.181	ug/l	100
11) Methyl Iodide	4.589	142	48887	18.514	ug/l	100
12) Methyl Acetate	5.018	43	42971	19.131	ug/l	100
13) Acrolein	4.183	56	26615	81.540	ug/l	100
14) Acrylonitrile	5.718	53	87191	93.488	ug/l	100
15) Acetone	4.424	58	23800	94.168	ug/l	100
16) Carbon Disulfide	4.712	76	111875	19.659	ug/l	100
17) Allyl chloride	5.024	41	49995	18.351	ug/l	100
18) Methylene Chloride	5.271	84	41937	19.412	ug/l	100
19) trans-1,2-Dichloroethene	5.783	96	37486	18.942	ug/l	100
20) Diisopropyl ether	6.665	45	118238	19.776	ug/l	100
21) 1,1-Dichloroethane	6.565	63	71204	19.296	ug/l	100
22) cis-1,2-Dichloroethene	7.488	96	44288	19.471	ug/l	100
23) tert-Butyl Alcohol	5.512	59	30593	91.438	ug/l	# 100
24) Methyl tert-Butyl Ether	5.794	73	113672	19.125	ug/l	100
25) Chloroform	7.959	83	75756	19.596	ug/l	100
26) Cyclohexane	8.253	56	60954	20.061	ug/l	100
29) 1,1-Dichloropropene	8.371	75	52226	19.930	ug/l	100
30) 2-Butanone	7.483	43	117537	97.739	ug/l	100
31) 2,2-Dichloropropane	7.488	77	65781	19.575	ug/l	# 100
32) 1,1,1-Trichloroethane	8.171	97	71977	20.293	ug/l	100
33) Carbon Tetrachloride	8.359	117	63567	19.861	ug/l	100
34) Benzene	8.606	78	162502	19.740	ug/l	100
35) Methacrylonitrile	7.777	41	27120	20.040	ug/l	100
36) 1,2-Dichloroethane	8.665	62	54631	19.494	ug/l	100
37) Trichloroethene	9.353	130	38555	19.667	ug/l	100
38) Methylcyclohexane	9.600	83	52032	18.261	ug/l	100
39) 1,2-Dichloropropane	9.618	63	40007	20.064	ug/l	100
40) Dibromomethane	9.706	93	28813	20.145	ug/l	100
41) Bromodichloromethane	9.882	83	60013	19.628	ug/l	100
42) Vinyl Acetate	6.600	43	404546	96.136	ug/l	100

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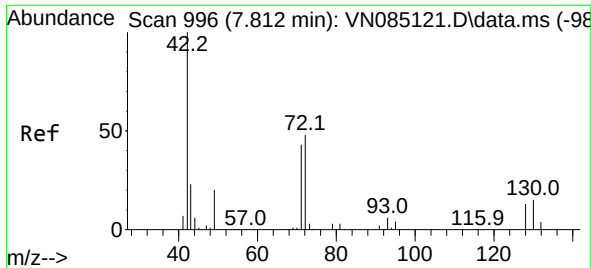
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	43730	18.276	ug/l	100
44) Isopropyl Acetate	8.688	43	80717	19.412	ug/l	100
45) 1,4-Dioxane	9.694	88	13988	403.408	ug/l	100
46) Methyl methacrylate	9.682	41	37174	19.535	ug/l	100
47) n-amyl Acetate	12.494	43	67009	19.154	ug/l	100
48) t-1,3-Dichloropropene	10.835	75	55998	18.657	ug/l	100
49) cis-1,3-Dichloropropene	10.312	75	63845	19.540	ug/l	100
50) 1,1,2-Trichloroethane	11.012	97	38466	19.958	ug/l	100
51) Ethyl methacrylate	10.871	69	54805	18.696	ug/l	100
52) 1,3-Dichloropropane	11.159	76	63330	19.634	ug/l	100
53) Dibromochloromethane	11.353	129	46068	19.614	ug/l	100
54) 1,2-Dibromoethane	11.465	107	37625	19.376	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	133977	98.387	ug/l	100
56) Bromoform	12.576	173	29780	18.911	ug/l	100
58) 4-Methyl-2-Pentanone	10.441	43	249951	100.896	ug/l	100
59) 2-Hexanone	11.194	43	190003	101.223	ug/l	100
61) Tetrachloroethene	11.100	164	36183	19.684	ug/l	100
62) Toluene	10.629	91	173344	19.581	ug/l	100
64) Chlorobenzene	11.888	112	106855	19.550	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.959	131	38831	19.032	ug/l	100
66) Ethyl Benzene	11.965	91	176006	18.737	ug/l	100
67) m/p-Xylenes	12.070	106	144263	39.929	ug/l	100
68) o-Xylene	12.394	106	65568	19.324	ug/l	100
69) Styrene	12.412	104	111060	19.289	ug/l	100
70) Isopropylbenzene	12.694	105	167624	19.153	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	53829	20.208	ug/l	100
72) 1,2,3-Trichloropropane	12.994	75	68245	25.935	ug/l	74
73) Bromobenzene	12.976	156	42513	19.393	ug/l	100
74) n-propylbenzene	13.035	91	204446	19.431	ug/l	100
75) 2-Chlorotoluene	13.123	91	128581	19.766	ug/l	100
76) 1,3,5-Trimethylbenzene	13.170	105	145824	19.449	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	18073	18.901	ug/l	100
78) 4-Chlorotoluene	13.217	91	127680	19.337	ug/l	100
79) tert-butylbenzene	13.435	119	118752	19.283	ug/l	100
80) 1,2,4-Trimethylbenzene	13.476	105	144579	19.521	ug/l	100
81) sec-Butylbenzene	13.612	105	168895	19.304	ug/l	100
82) p-Isopropyltoluene	13.729	119	138833	19.140	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	77464	19.261	ug/l	100
84) 1,4-Dichlorobenzene	13.812	146	75083	19.156	ug/l	100
85) n-Butylbenzene	14.053	91	109819	18.049	ug/l	100
86) Hexachloroethane	14.329	117	27795	19.248	ug/l	100
87) 1,2-Dichlorobenzene	14.100	146	72993	19.228	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.717	75	10448	19.634	ug/l	100
89) 1,2,4-Trichlorobenzene	15.835	180	34577	18.598	ug/l	100
90) Hexachlorobutadiene	15.500	225	18570	19.222	ug/l	100
91) Naphthalene	15.641	128	98254	17.011	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	34577	18.598	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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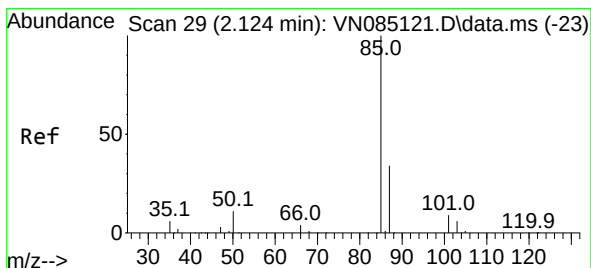
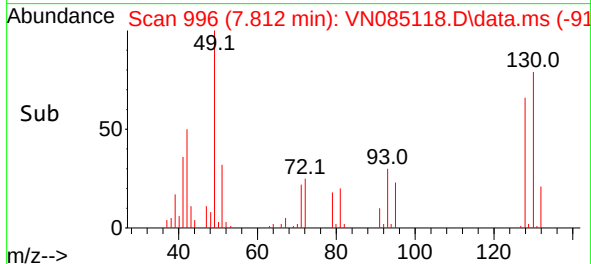
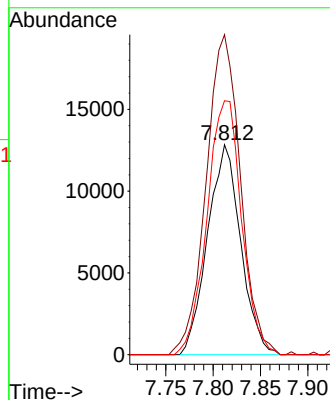
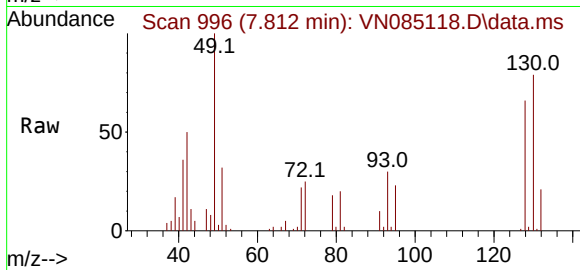




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

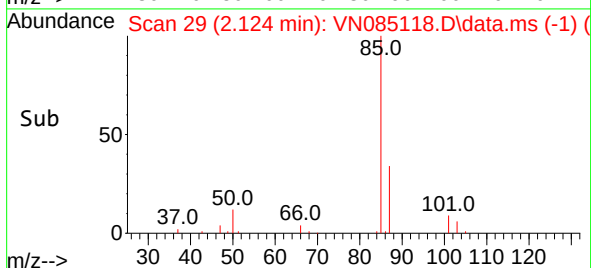
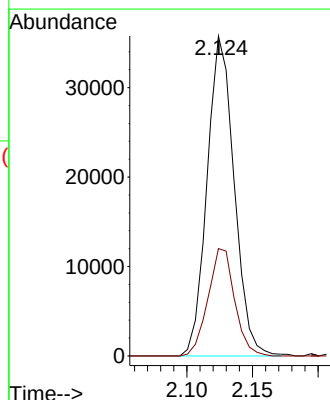
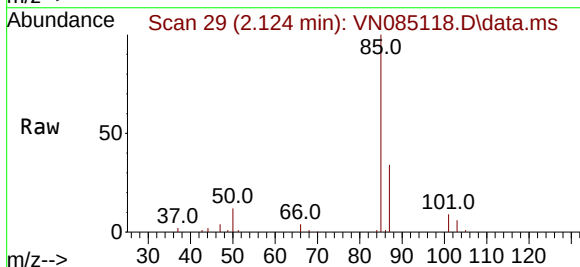
Instrument :
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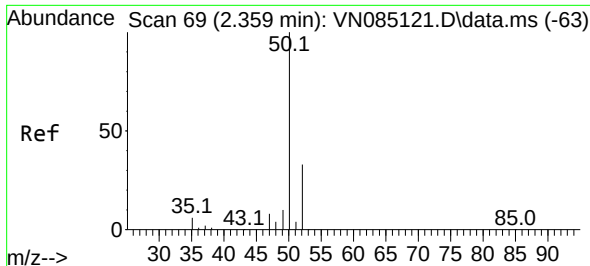
Tgt Ion:128 Resp: 31263
Ion Ratio Lower Upper
128 100
49 157.8 0.0 394.5
130 126.6 0.0 316.5



#2
Dichlorodifluoromethane
Concen: 20.557 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

Tgt Ion: 85 Resp: 51416
Ion Ratio Lower Upper
85 100
87 33.5 16.8 50.3

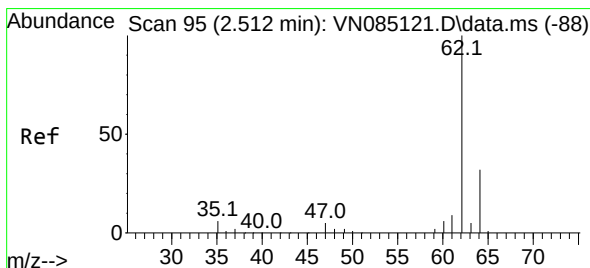
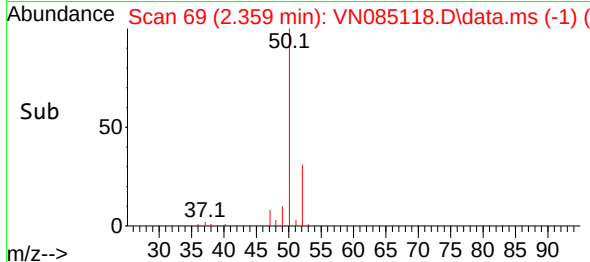
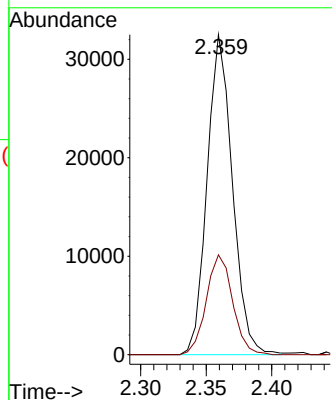
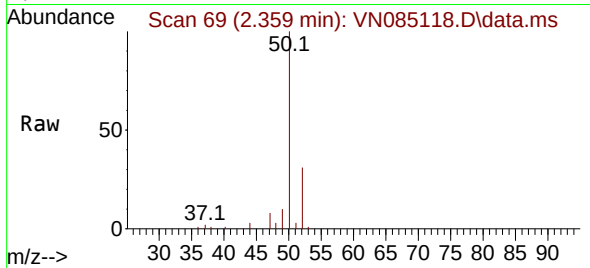




#3
Chloromethane
Concen: 19.705 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

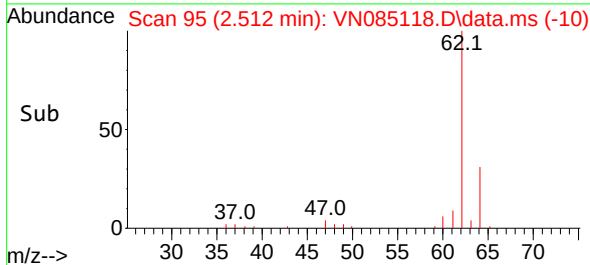
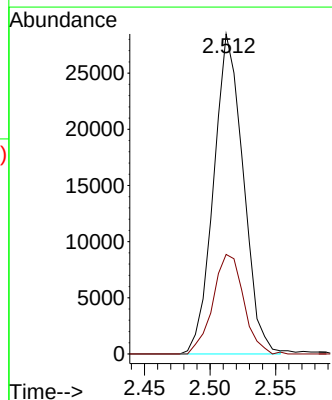
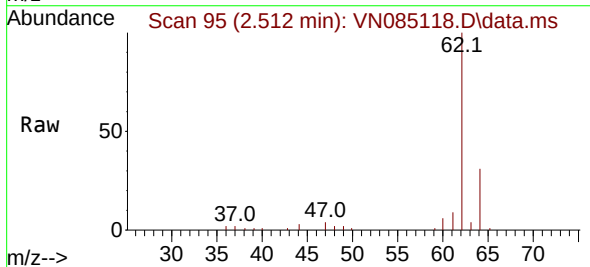
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MSVOA_N
ClientSampleId :
VSTDICCC020

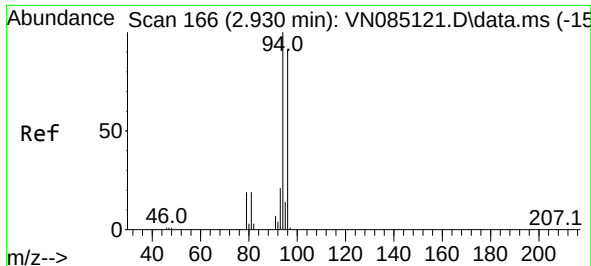
Tgt Ion: 50 Resp: 43625
Ion Ratio Lower Upper
50 100
52 31.2 25.0 37.4



#4
Vinyl Chloride
Concen: 19.762 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

Tgt Ion: 62 Resp: 44749
Ion Ratio Lower Upper
62 100
64 31.1 24.9 37.3

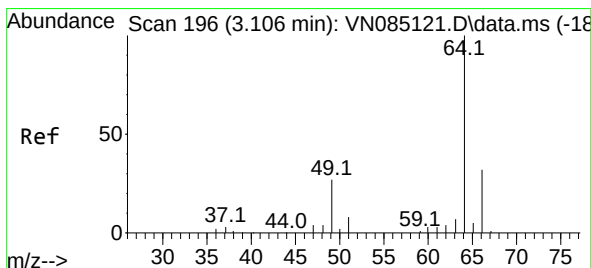
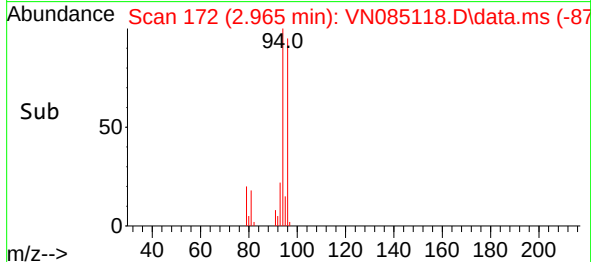
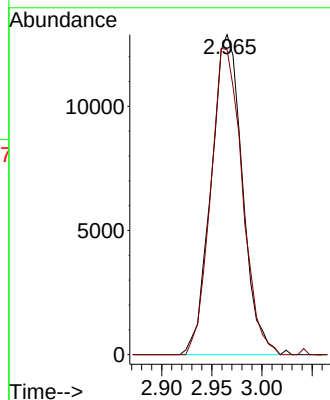
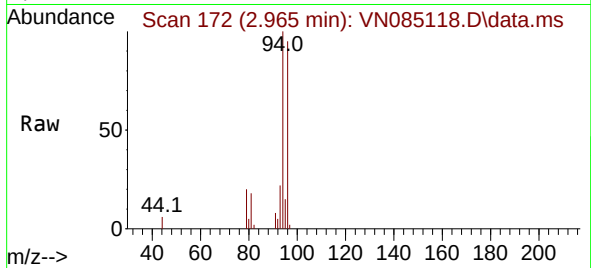




#5
Bromomethane
Concen: 19.338 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

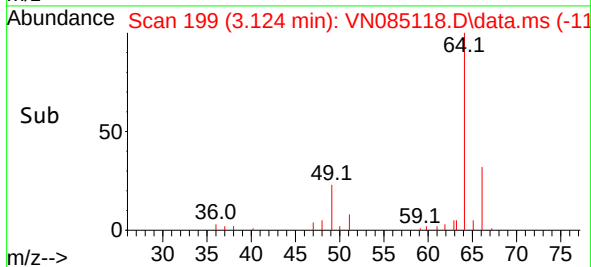
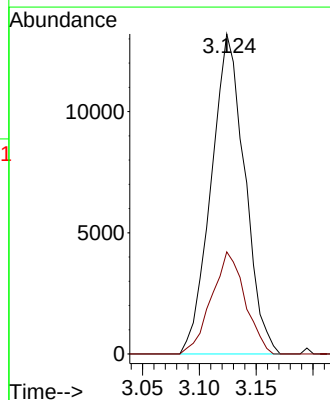
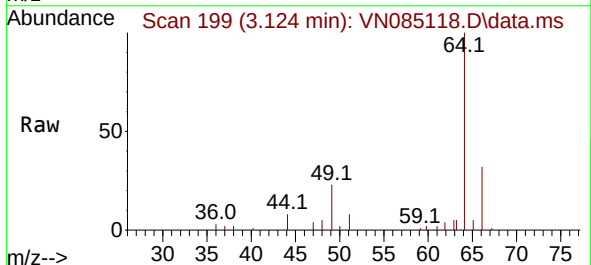
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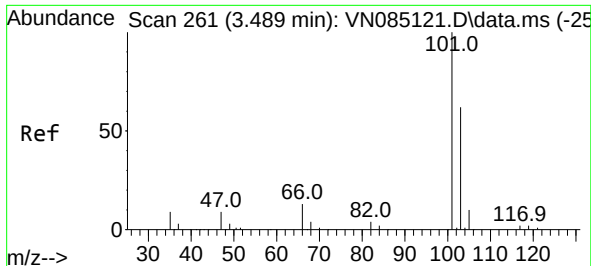
Tgt Ion: 94 Resp: 27801
Ion Ratio Lower Upper
94 100
96 95.3 76.2 114.4



#6
Chloroethane
Concen: 19.501 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

Tgt Ion: 64 Resp: 27130
Ion Ratio Lower Upper
64 100
66 31.9 25.5 38.3

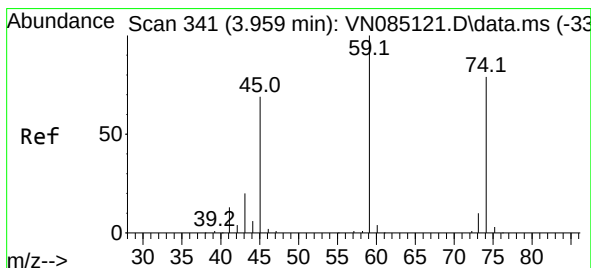
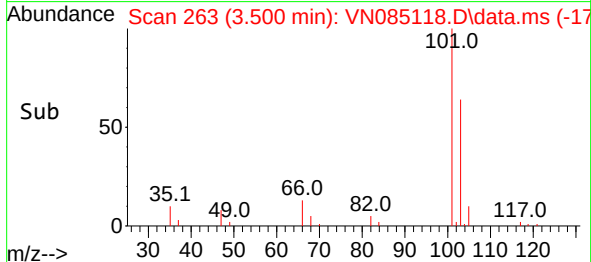
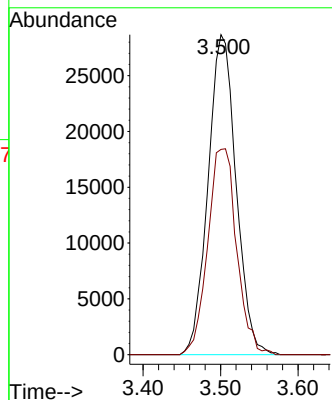
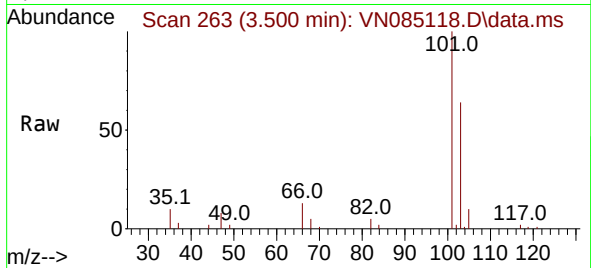




#7
Trichlorofluoromethane
Concen: 19.461 ug/l
RT: 3.500 min Scan# 261
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

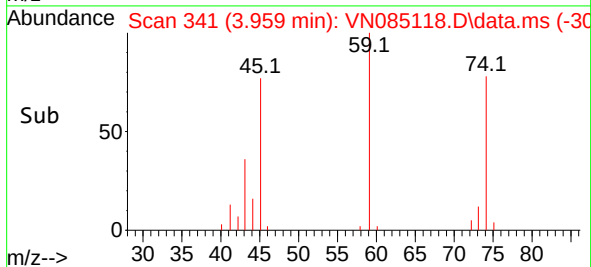
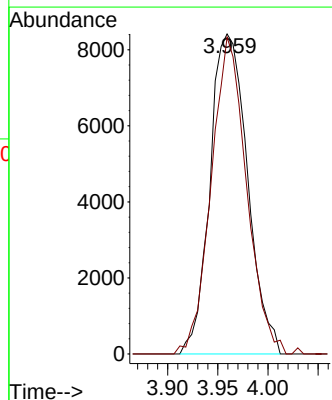
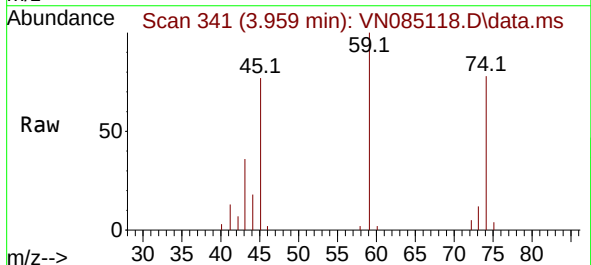
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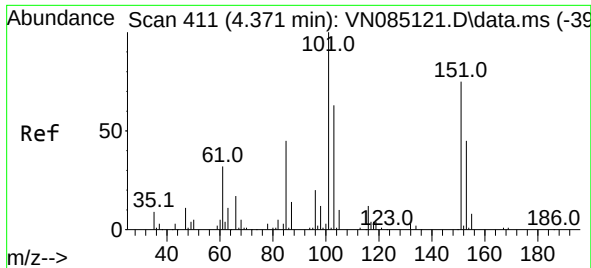
Tgt Ion:101 Resp: 72134
Ion Ratio Lower Upper
101 100
103 64.1 51.3 76.9



#8
Diethyl Ether
Concen: 18.596 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

Tgt Ion: 74 Resp: 21832
Ion Ratio Lower Upper
74 100
45 93.2 18.6 167.8

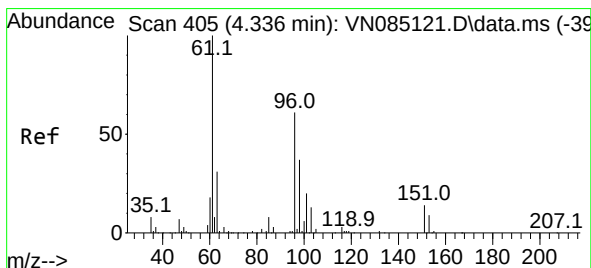
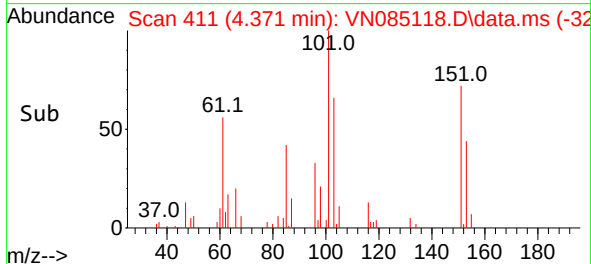
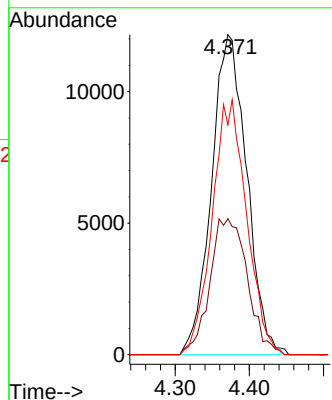
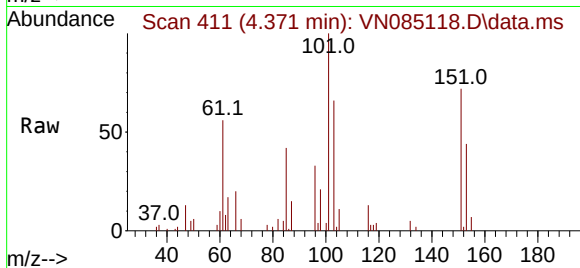




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.343 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VN085118.D
 Acq: 06 Dec 2024 10:26

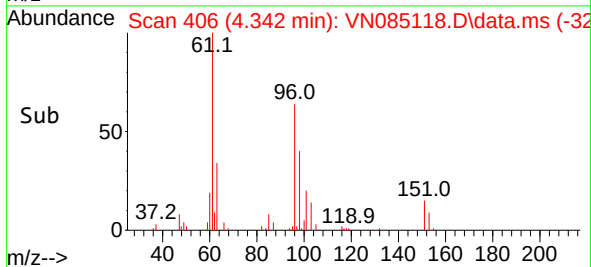
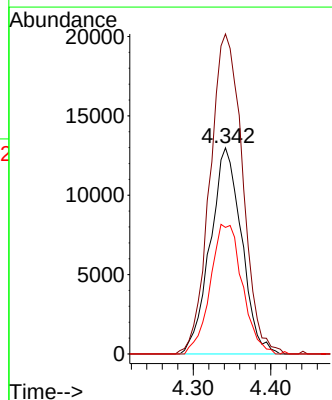
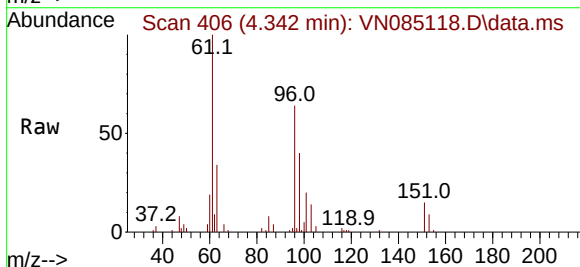
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 ClientSampleId :
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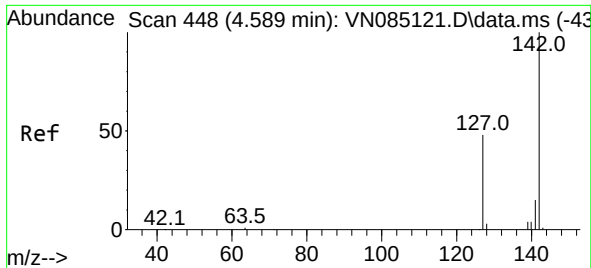
Tgt Ion:	101	Resp:	40093
Ion	Ratio	Lower	Upper
101	100		
85	44.3	0.0	88.6
151	77.9	0.0	155.8



#10
 1,1-Dichloroethene
 Concen: 19.181 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. 0.000 min
 Lab File: VN085118.D
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Tgt Ion:	96	Resp:	36518
Ion	Ratio	Lower	Upper
96	100		
61	153.7	123.0	184.4
98	61.4	49.1	73.7

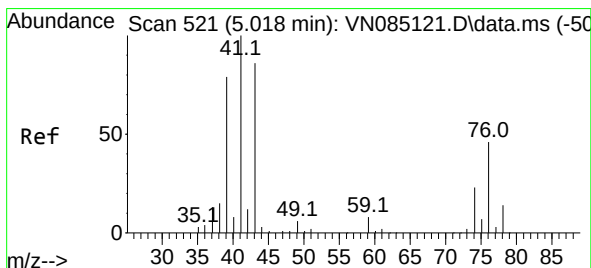
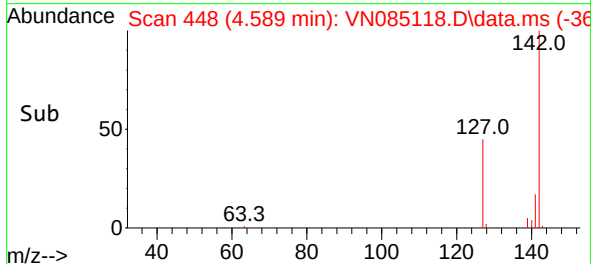
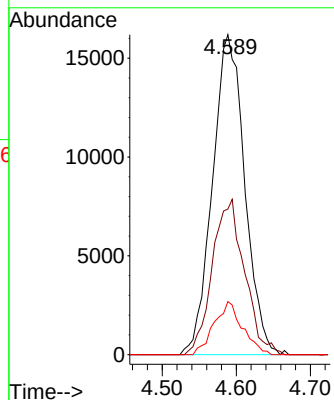
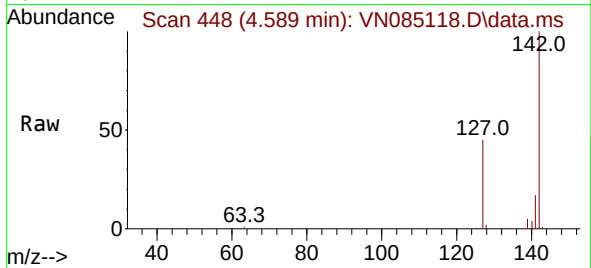




#11
Methyl Iodide
Concen: 18.514 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

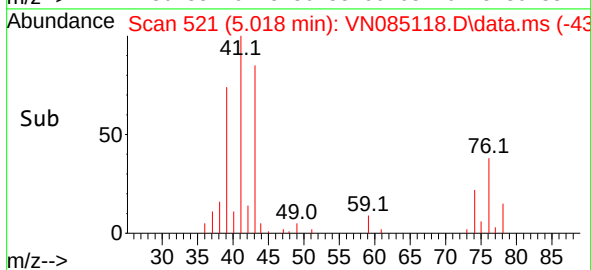
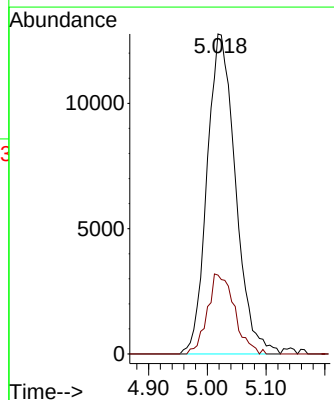
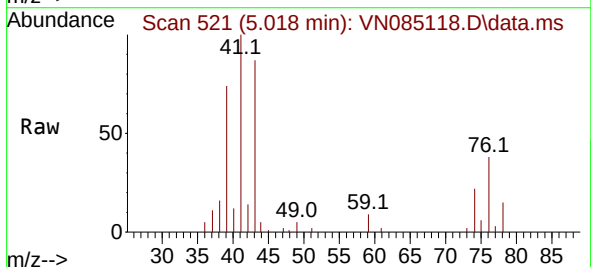
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

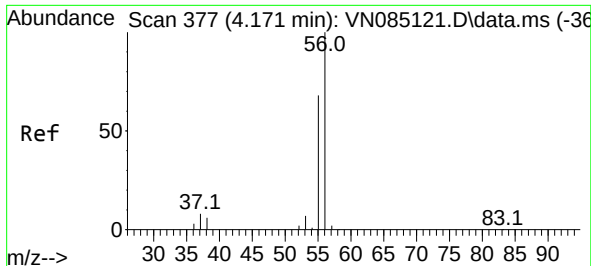
Tgt Ion:142 Resp: 48887
Ion Ratio Lower Upper
142 100
127 45.0 22.5 67.5
141 16.6 8.3 24.9



#12
Methyl Acetate
Concen: 19.131 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

Tgt Ion: 43 Resp: 42971
Ion Ratio Lower Upper
43 100
74 24.7 19.8 29.6





#13

Acrolein

Concen: 81.540 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN085118.D

Acq: 06 Dec 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :

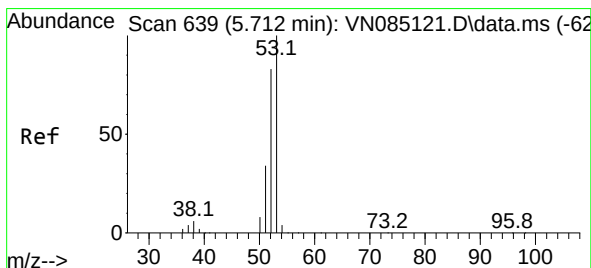
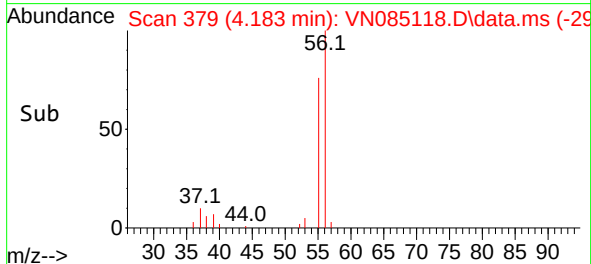
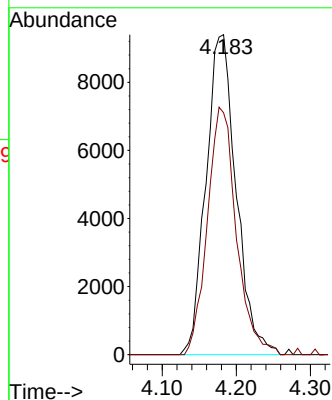
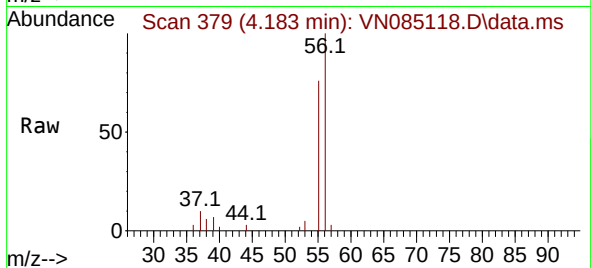
VSTDICCC020

Tgt Ion: 56 Resp: 26615

Ion Ratio Lower Upper

56 100

55 74.2 59.4 89.0



#14

Acrylonitrile

Concen: 93.488 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.000 min

Lab File: VN085118.D

Acq: 06 Dec 2024 10:26

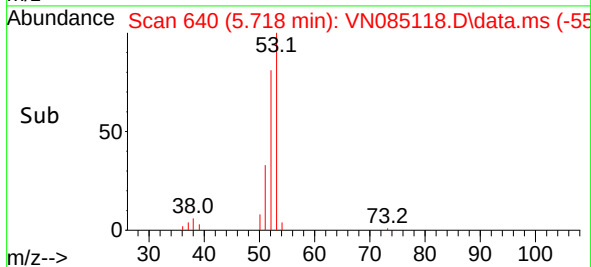
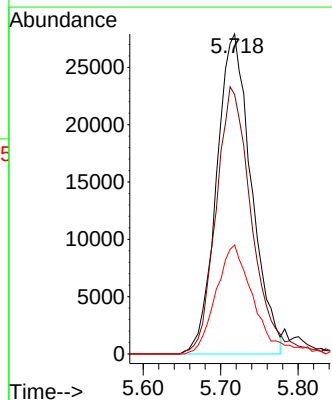
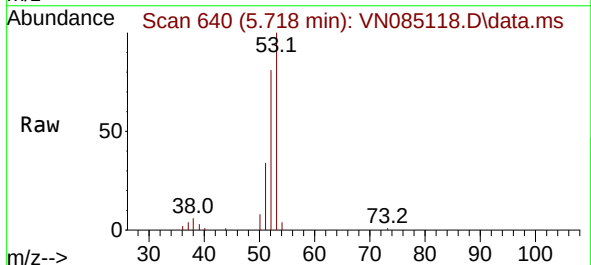
Tgt Ion: 53 Resp: 87191

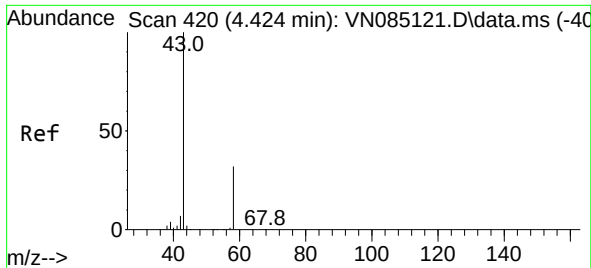
Ion Ratio Lower Upper

53 100

52 85.7 42.9 128.5

51 34.3 17.2 51.5





#15

Acetone

Concen: 94.168 ug/l

RT: 4.424 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN085118.D

Acq: 06 Dec 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :

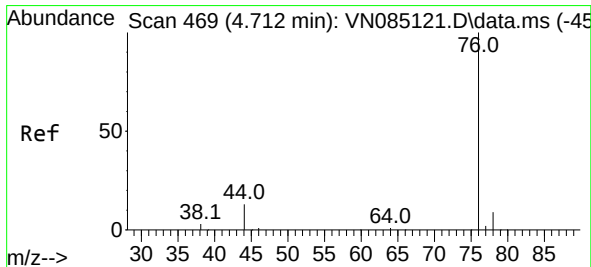
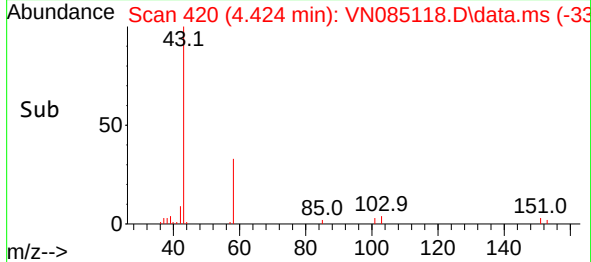
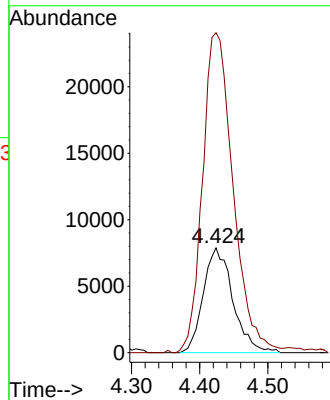
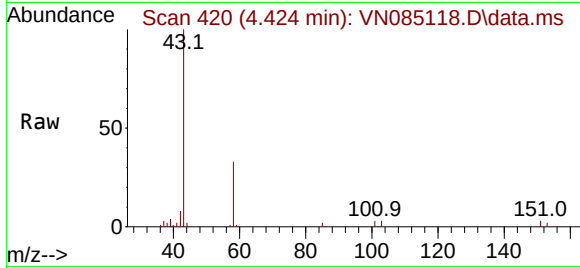
VSTDICCC020

Tgt Ion: 58 Resp: 23800

Ion Ratio Lower Upper

58 100

43 302.9 242.3 363.5



#16

Carbon Disulfide

Concen: 19.659 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN085118.D

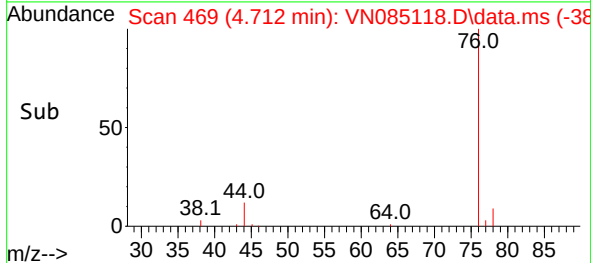
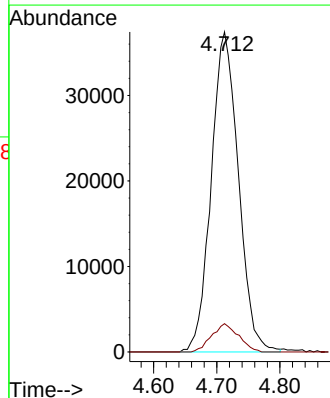
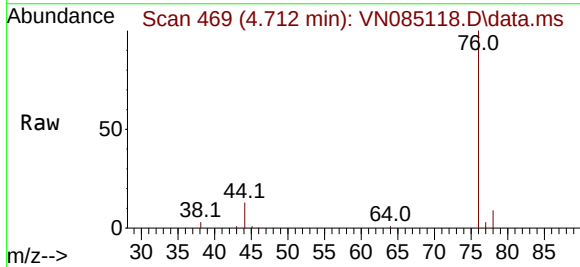
Acq: 06 Dec 2024 10:26

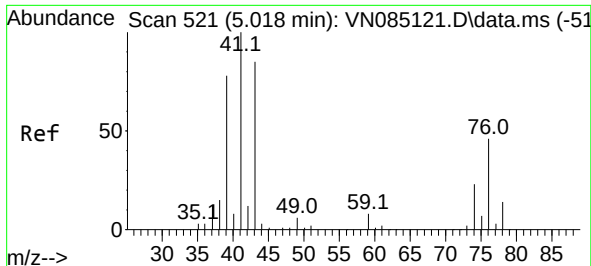
Tgt Ion: 76 Resp: 111875

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7





#17

Allyl chloride

Concen: 18.351 ug/l

RT: 5.024 min Scan# 51

Delta R.T. 0.000 min

Lab File: VN085118.D

Acq: 06 Dec 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

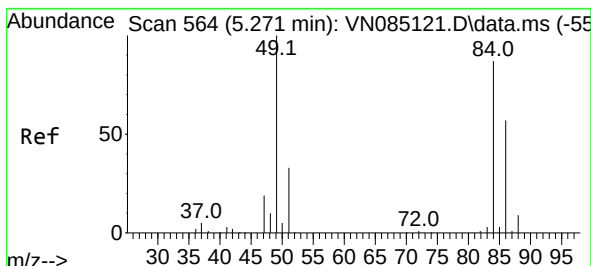
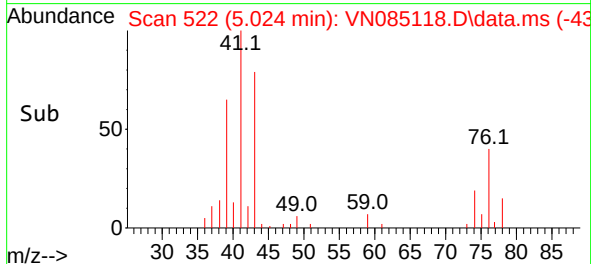
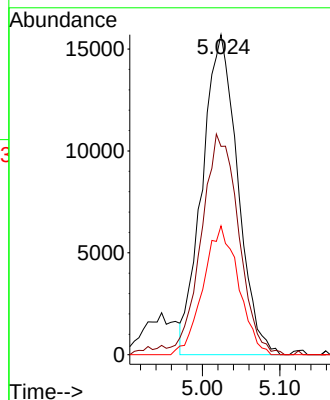
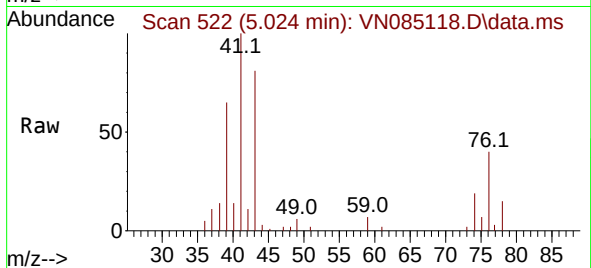
Tgt Ion: 41 Resp: 49995

Ion Ratio Lower Upper

41 100

39 64.1 32.0 96.2

76 40.3 20.2 60.5



#18

Methylene Chloride

Concen: 19.412 ug/l

RT: 5.271 min Scan# 564

Delta R.T. 0.000 min

Lab File: VN085118.D

Acq: 06 Dec 2024 10:26

Tgt Ion: 84 Resp: 41937

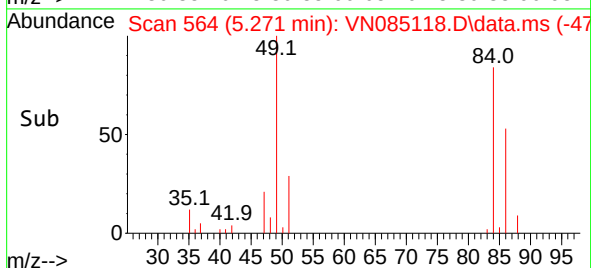
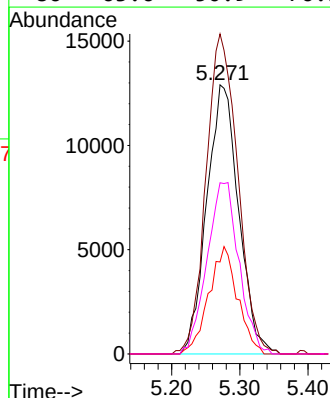
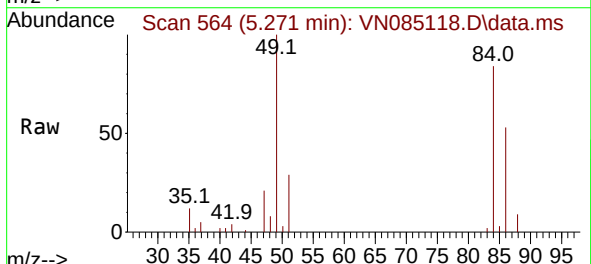
Ion Ratio Lower Upper

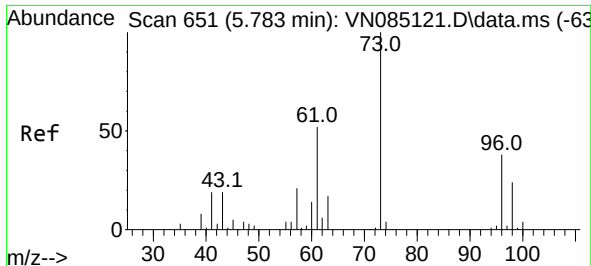
84 100

49 118.9 95.1 142.7

51 34.2 27.4 41.0

86 63.6 50.9 76.3

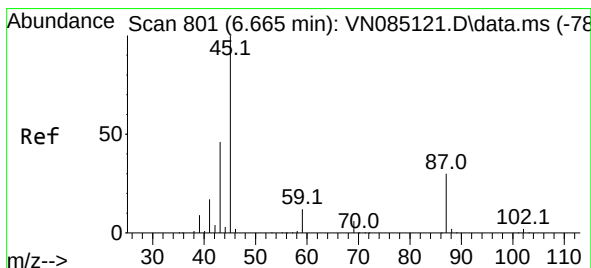
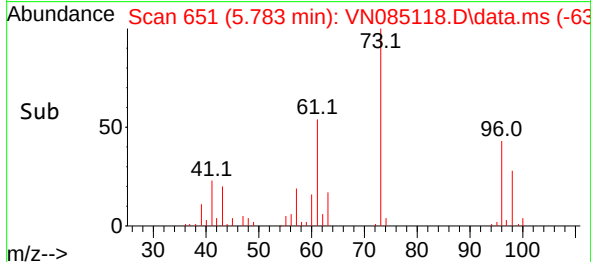
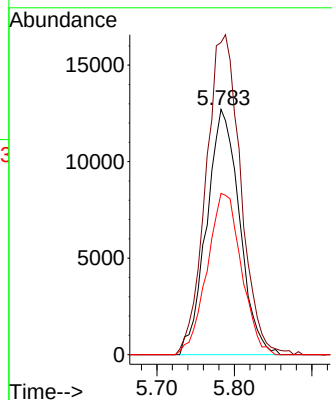
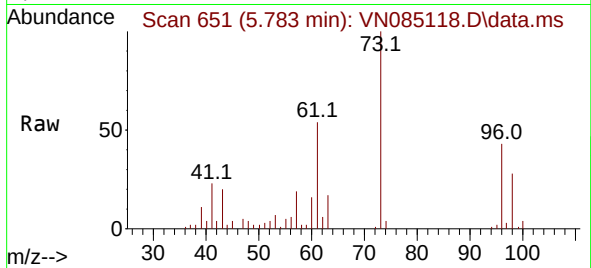




#19
trans-1,2-Dichloroethene
Concen: 18.942 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

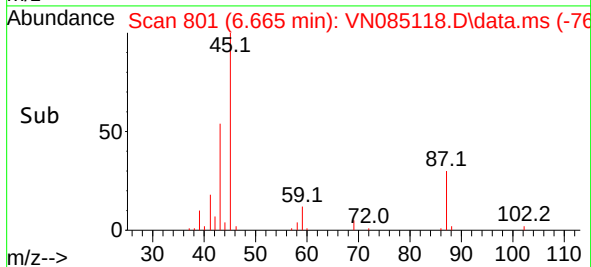
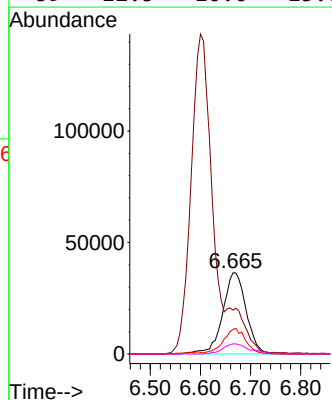
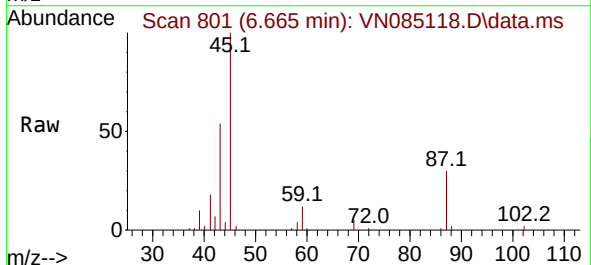
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

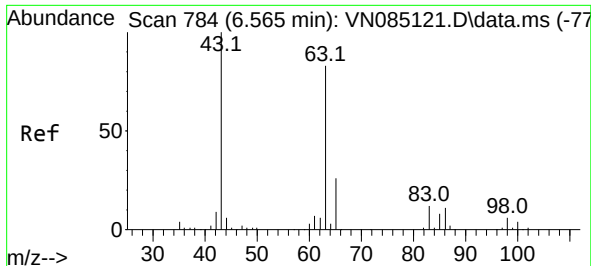
Tgt Ion: 96 Resp: 37486
Ion Ratio Lower Upper
96 100
61 125.5 100.4 150.6
98 65.8 52.6 79.0



#20
Diisopropyl ether
Concen: 19.776 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

Tgt Ion: 45 Resp: 118238
Ion Ratio Lower Upper
45 100
43 52.4 41.9 62.9
87 30.1 24.1 36.1
59 12.5 10.0 15.0

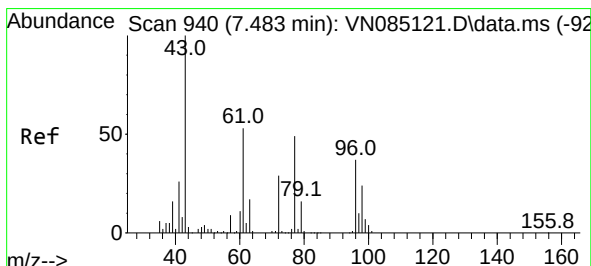
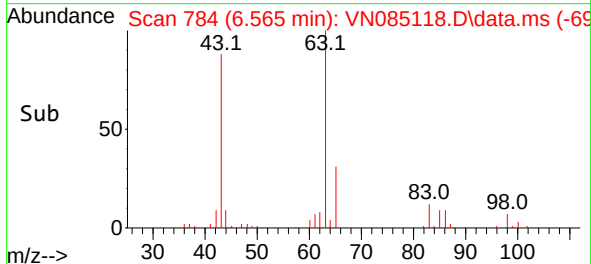
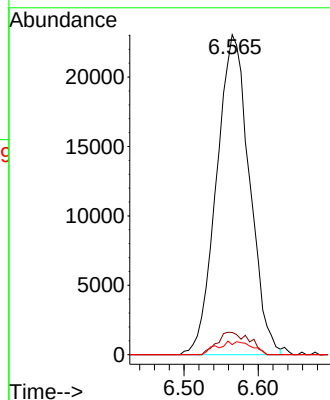
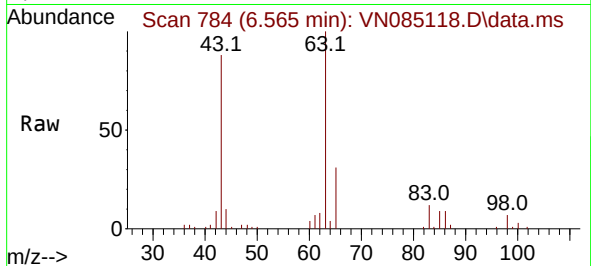




#21
1,1-Dichloroethane
Concen: 19.296 ug/l
RT: 6.565 min Scan# 712
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

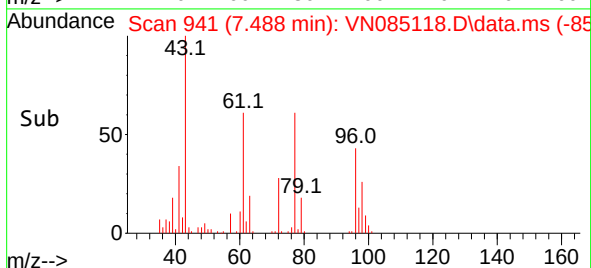
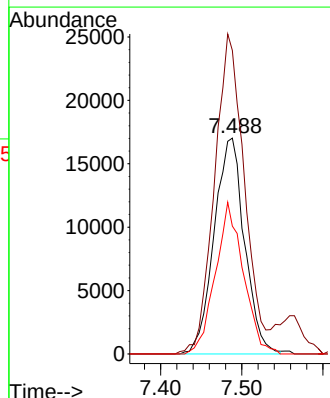
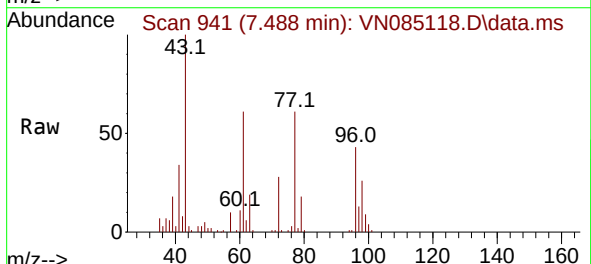
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

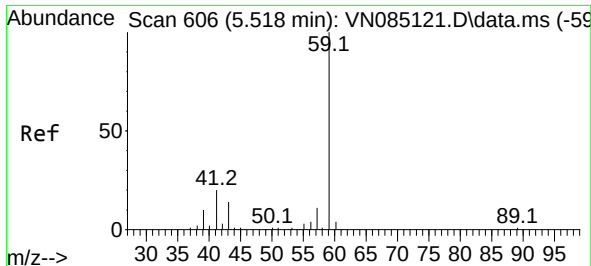
Tgt Ion: 63 Resp: 71204
Ion Ratio Lower Upper
63 100
98 6.9 3.5 10.4
100 3.2 1.6 4.8



#22
cis-1,2-Dichloroethene
Concen: 19.471 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

Tgt Ion: 96 Resp: 44288
Ion Ratio Lower Upper
96 100
61 144.9 115.9 173.9
98 64.8 51.8 77.8

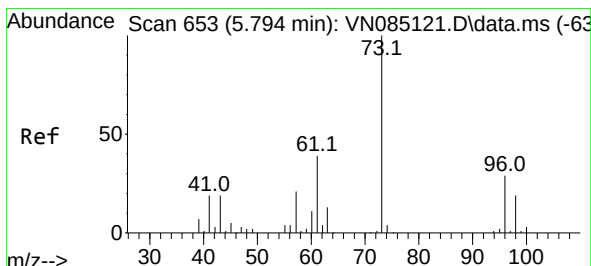
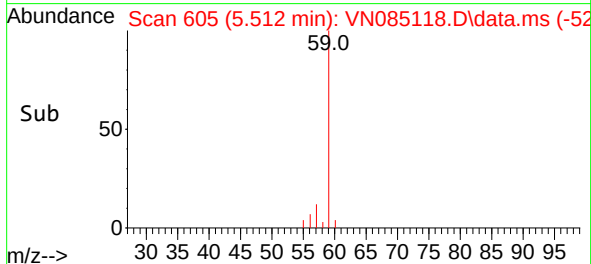
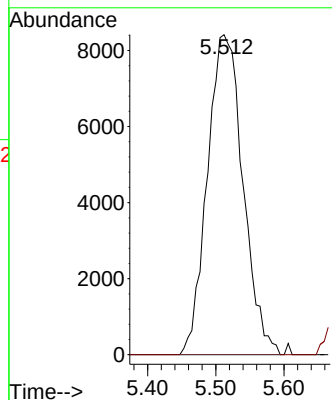
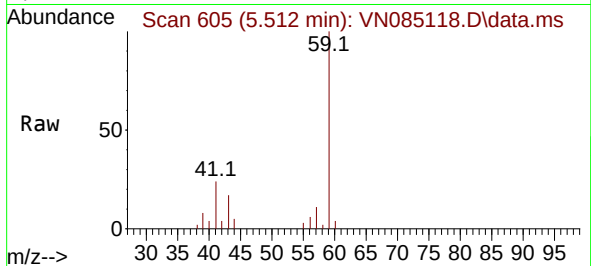




#23
tert-Butyl Alcohol
Concen: 91.438 ug/l
RT: 5.512 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

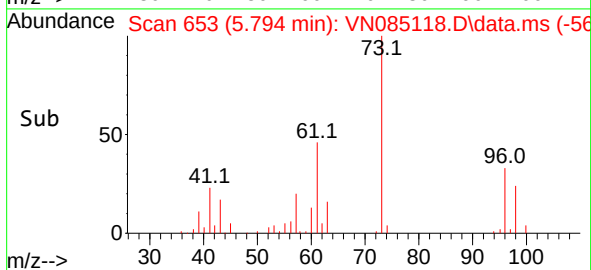
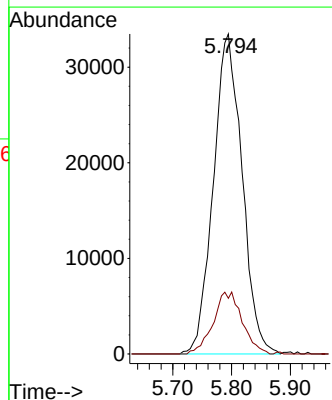
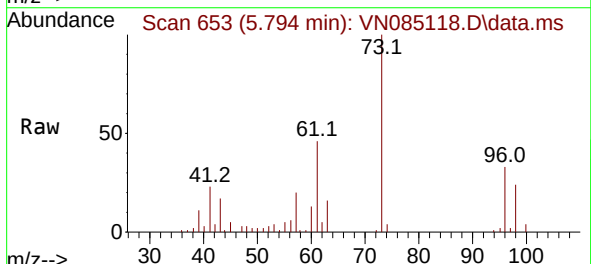
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

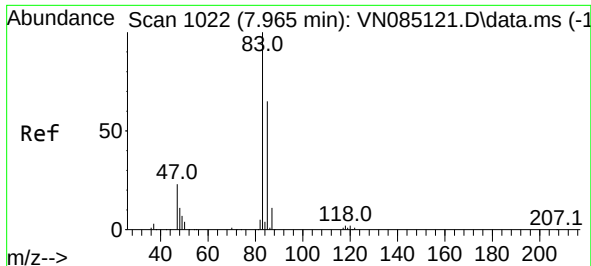
Tgt Ion: 59 Resp: 30593
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 19.125 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

Tgt Ion: 73 Resp: 113672
Ion Ratio Lower Upper
73 100
43 10.9 8.7 13.1

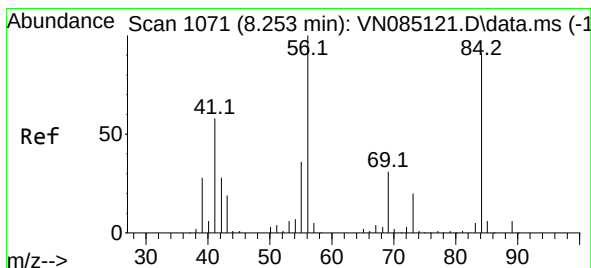
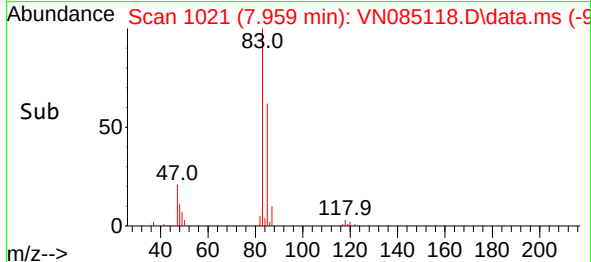
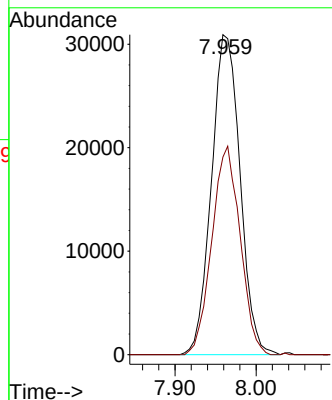
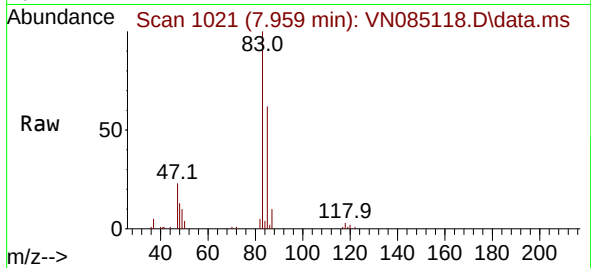




#25
Chloroform
Concen: 19.596 ug/l
RT: 7.959 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

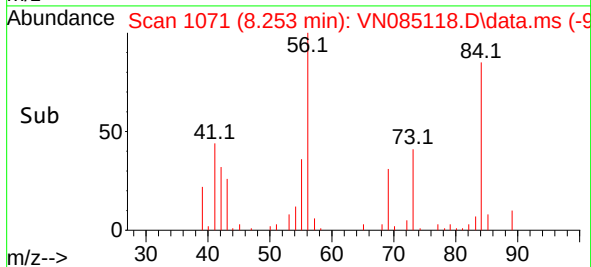
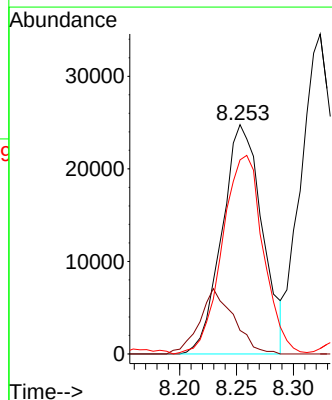
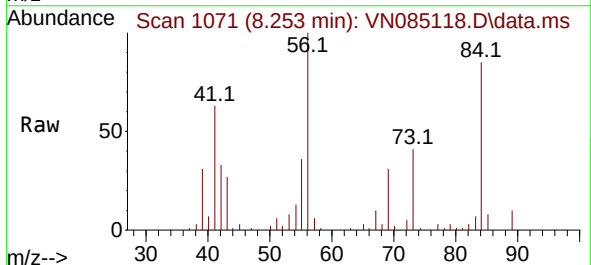
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

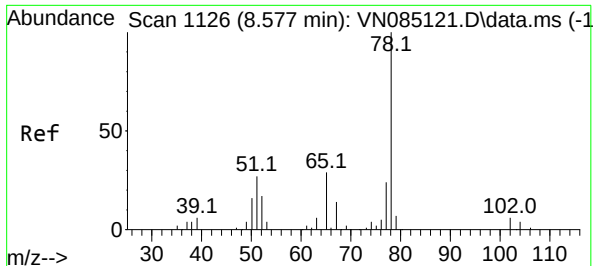
Tgt Ion: 83 Resp: 75756
Ion Ratio Lower Upper
83 100
85 61.7 49.4 74.0



#26
Cyclohexane
Concen: 20.061 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

Tgt Ion: 56 Resp: 60954
Ion Ratio Lower Upper
56 100
89 24.4 19.5 29.3
84 88.2 70.6 105.8

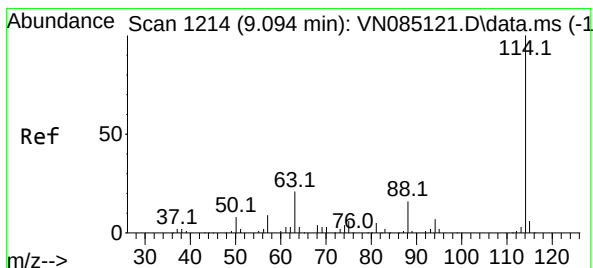
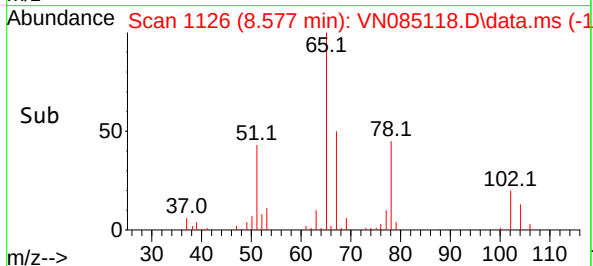
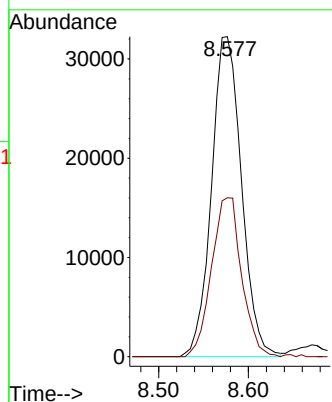
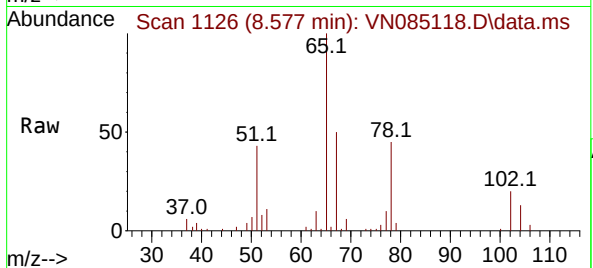




#27
 1,2-Dichloroethane-d4
 Concen: 30.155 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN085118.D
 Acq: 06 Dec 2024 10:26

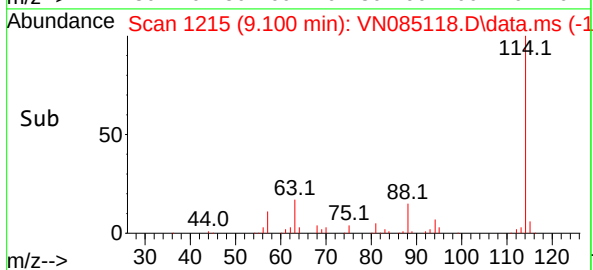
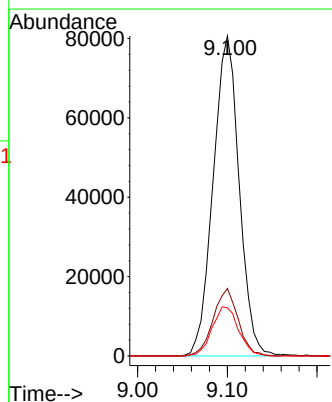
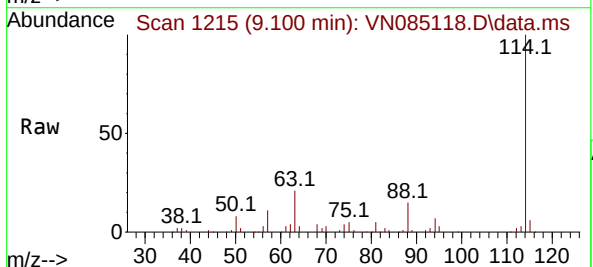
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

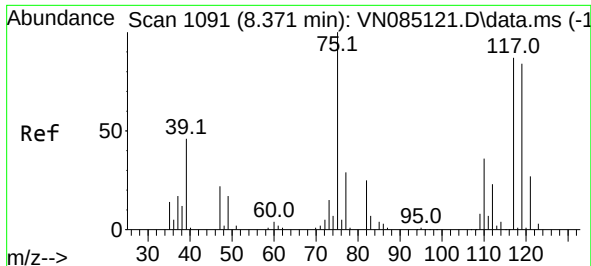
Tgt Ion: 65 Resp: 74804
 Ion Ratio Lower Upper
 65 100
 67 49.9 39.9 59.9



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN085118.D
 Acq: 06 Dec 2024 10:26

Tgt Ion: 114 Resp: 162398
 Ion Ratio Lower Upper
 114 100
 63 20.2 16.2 24.2
 88 15.6 12.5 18.7

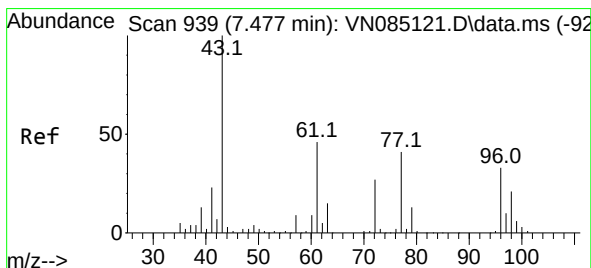
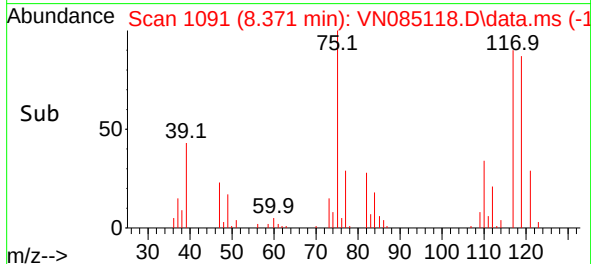
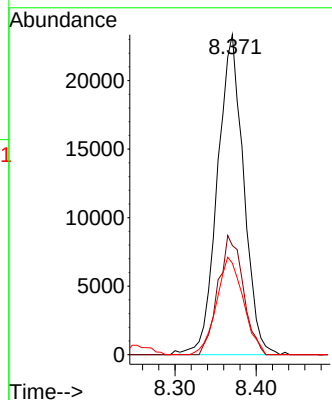
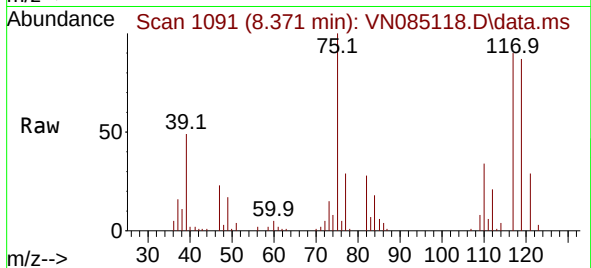




#29
1,1-Dichloropropene
Concen: 19.930 ug/l
RT: 8.371 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

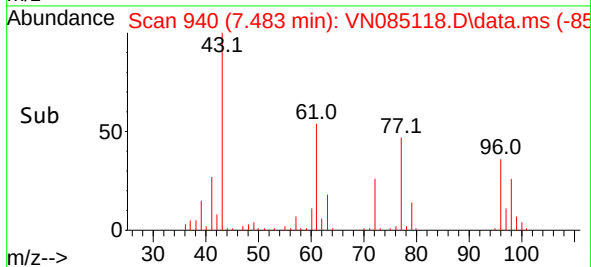
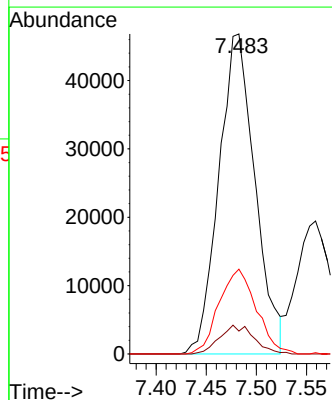
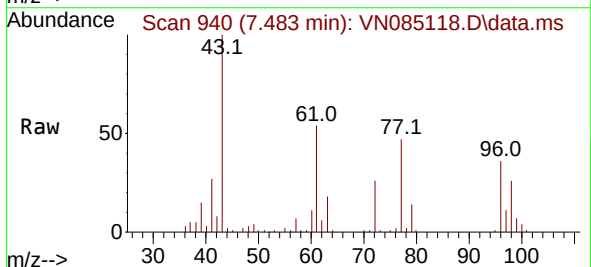
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

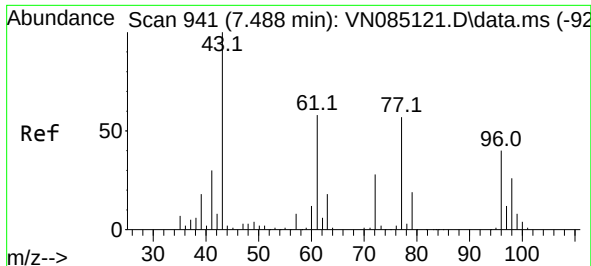
Tgt Ion: 75 Resp: 52226
Ion Ratio Lower Upper
75 100
110 35.8 0.0 71.6
77 31.1 0.0 62.2



#30
2-Butanone
Concen: 97.739 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

Tgt Ion: 43 Resp: 117537
Ion Ratio Lower Upper
43 100
57 8.6 6.9 10.3
72 27.3 21.8 32.8

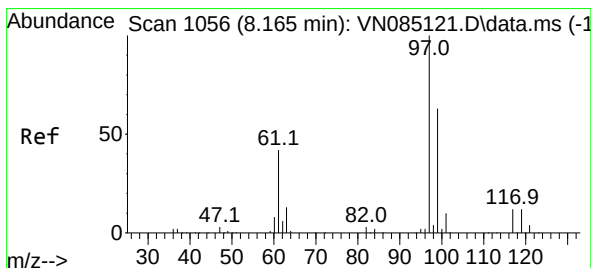
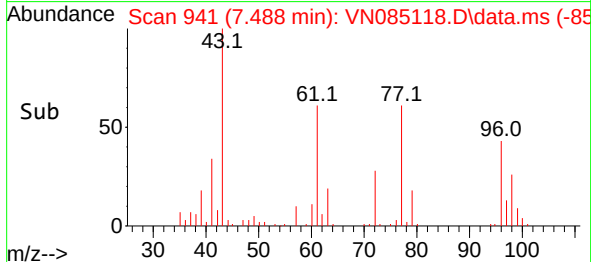
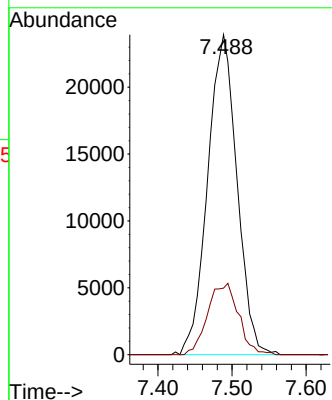
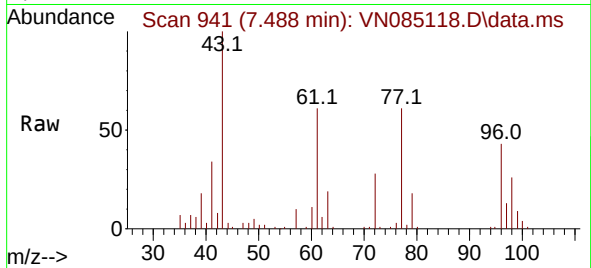




#31
2,2-Dichloropropane
Concen: 19.575 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

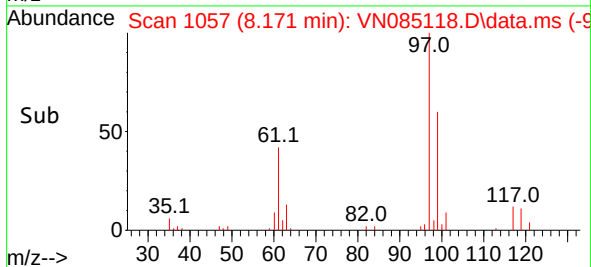
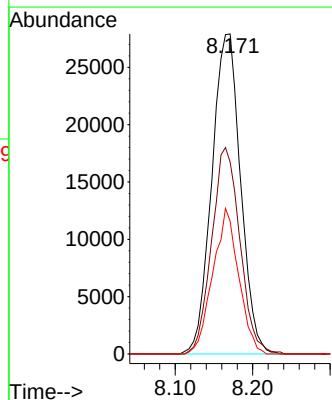
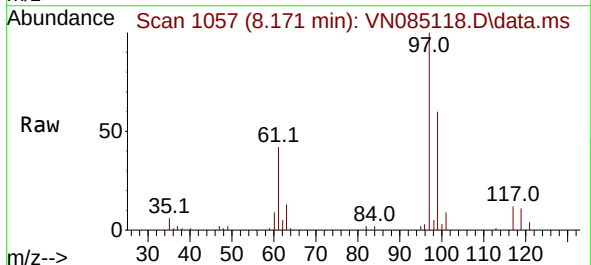
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

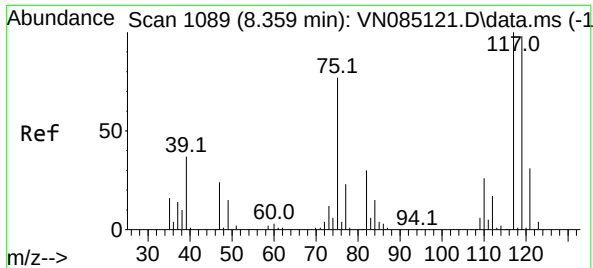
Tgt Ion: 77 Resp: 65781
Ion Ratio Lower Upper
77 100
97 0.0 0.0 0.0



#32
1,1,1-Trichloroethane
Concen: 20.293 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

Tgt Ion: 97 Resp: 71977
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 40.9 32.7 49.1

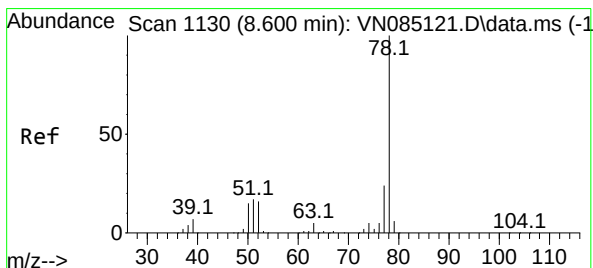
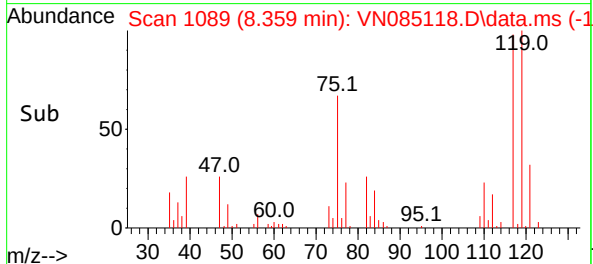
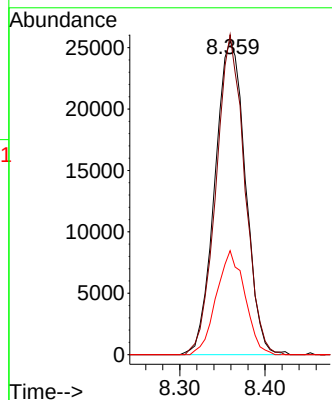
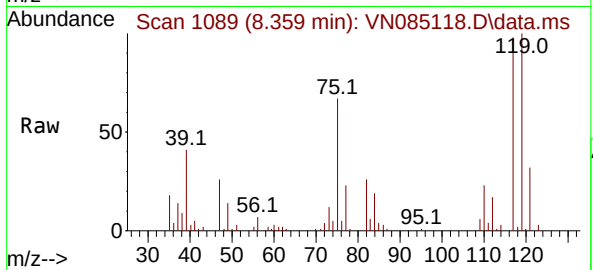




#33
Carbon Tetrachloride
Concen: 19.861 ug/l
RT: 8.359 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

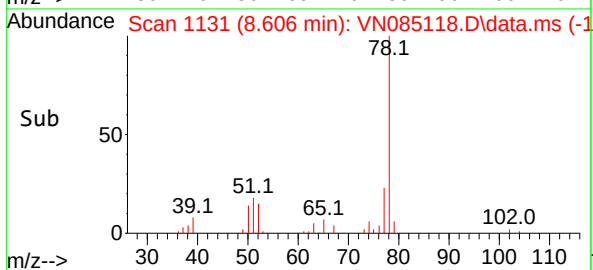
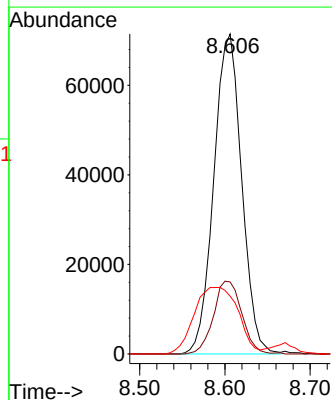
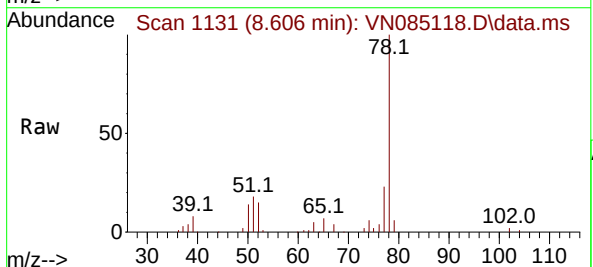
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

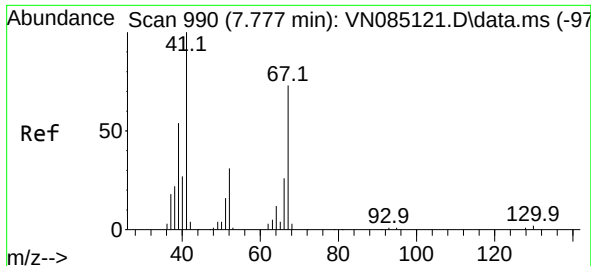
Tgt Ion:117 Resp: 63567
Ion Ratio Lower Upper
117 100
119 102.0 81.6 122.4
121 33.1 26.5 39.7



#34
Benzene
Concen: 19.740 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

Tgt Ion: 78 Resp: 162502
Ion Ratio Lower Upper
78 100
77 22.5 18.0 27.0
51 15.5 12.4 18.6



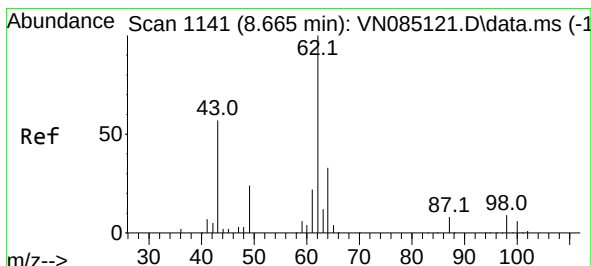
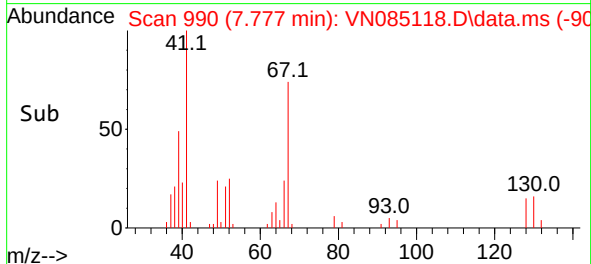
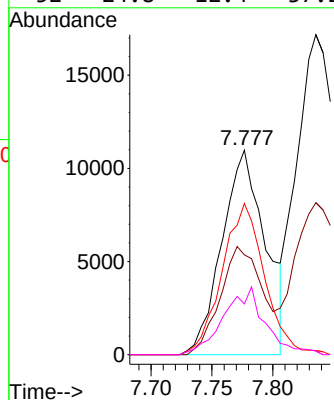
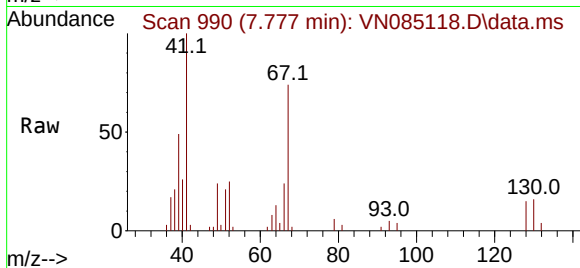


#35
Methacrylonitrile
Concen: 20.040 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

Tgt Ion: 41 Resp: 27120

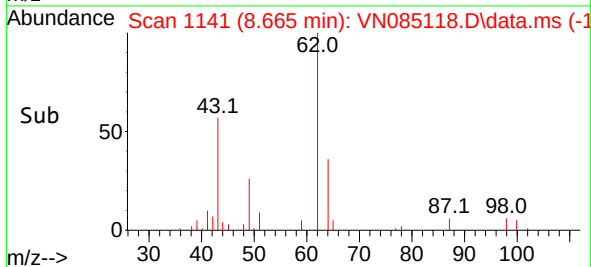
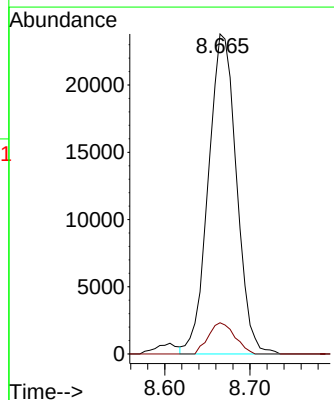
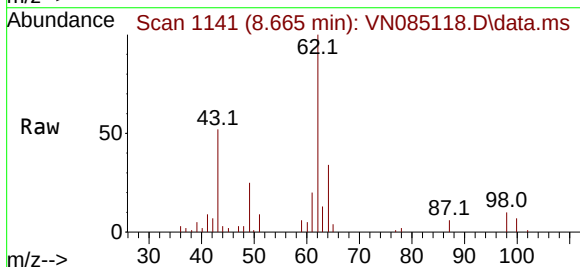
Ion	Ratio	Lower	Upper
41	100		
39	48.8	24.4	73.2
67	73.9	37.0	110.9
52	24.8	12.4	37.2

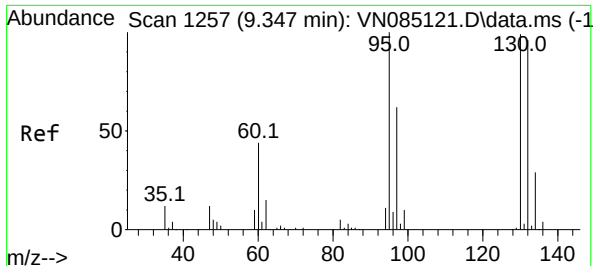


#36
1,2-Dichloroethane
Concen: 19.494 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

Tgt Ion: 62 Resp: 54631

Ion	Ratio	Lower	Upper
62	100		
98	9.1	7.3	10.9

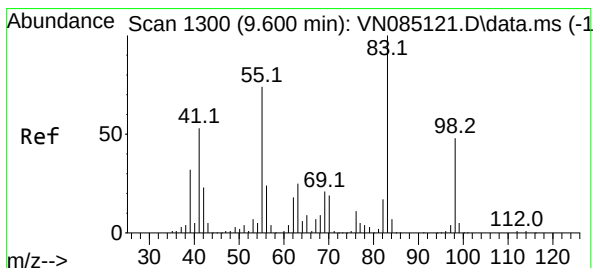
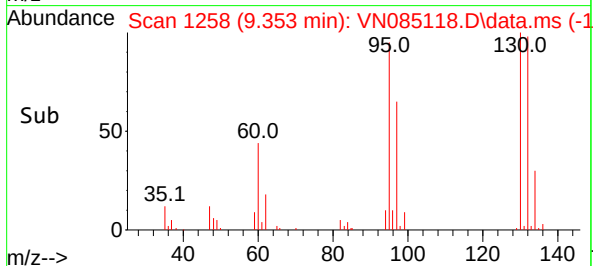
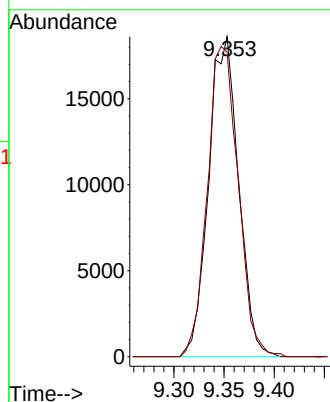
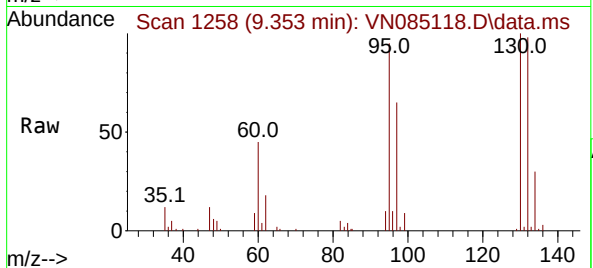




#37
Trichloroethene
Concen: 19.667 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

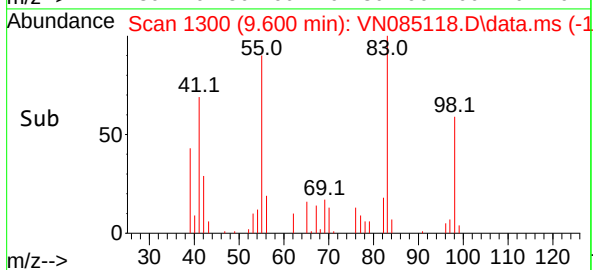
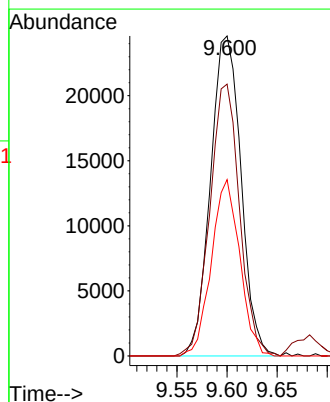
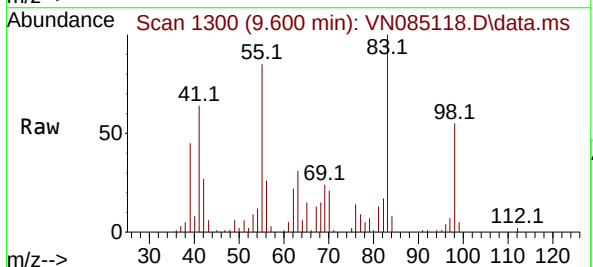
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

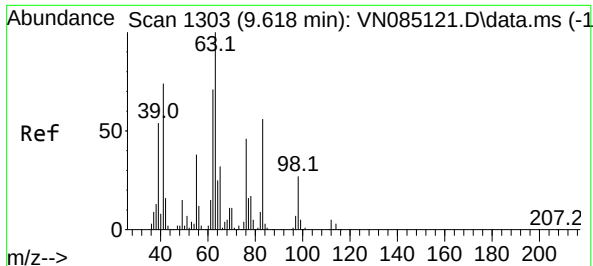
Tgt Ion:130 Resp: 38555
Ion Ratio Lower Upper
130 100
95 95.3 76.2 114.4



#38
Methylcyclohexane
Concen: 18.261 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

Tgt Ion: 83 Resp: 52032
Ion Ratio Lower Upper
83 100
55 82.9 41.4 124.4
98 51.4 25.7 77.1





#39

1,2-Dichloropropane

Concen: 20.064 ug/l

RT: 9.618 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085118.D

Acq: 06 Dec 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :

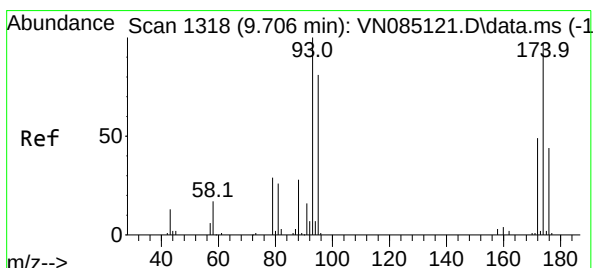
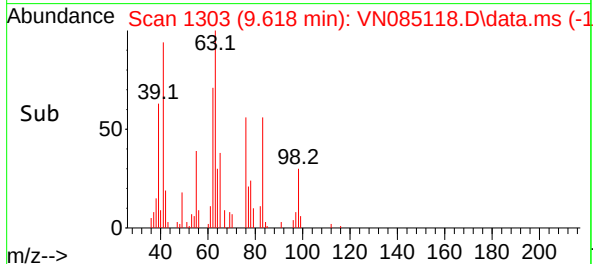
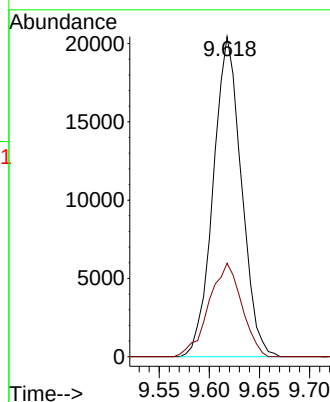
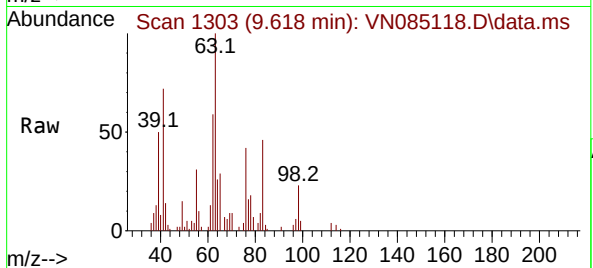
VSTDICCC020

Tgt Ion: 63 Resp: 40007

Ion Ratio Lower Upper

63 100

65 29.2 23.4 35.0



#40

Dibromomethane

Concen: 20.145 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN085118.D

Acq: 06 Dec 2024 10:26

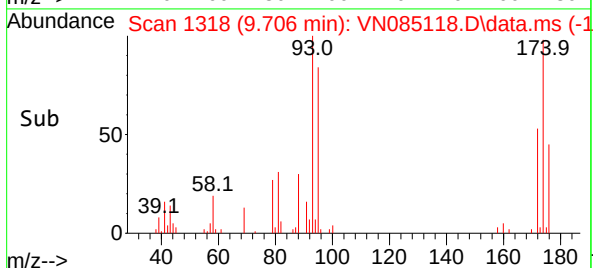
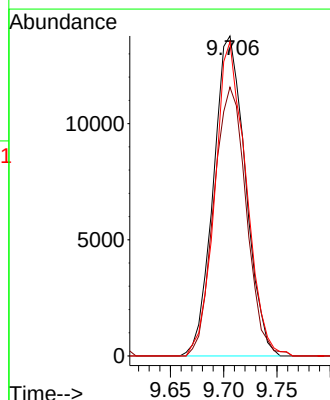
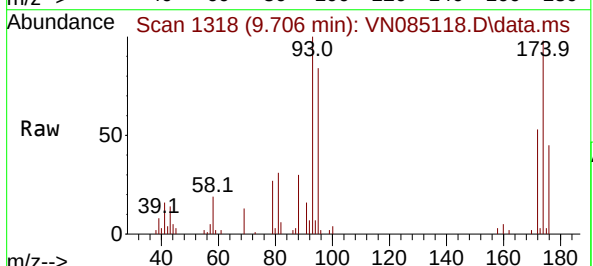
Tgt Ion: 93 Resp: 28813

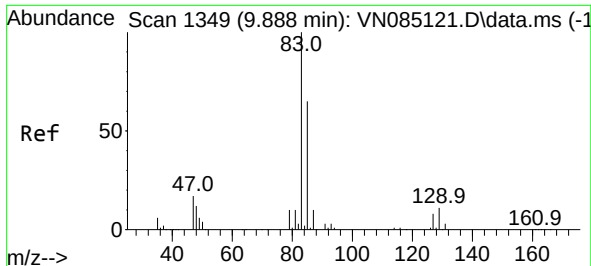
Ion Ratio Lower Upper

93 100

95 84.7 0.0 169.4

174 94.9 0.0 189.8

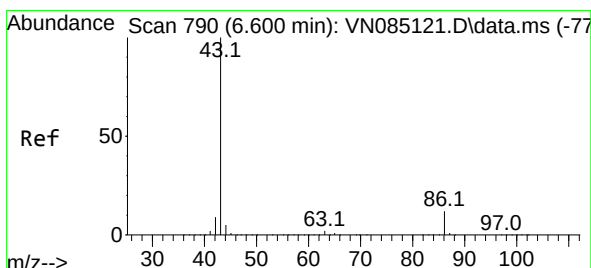
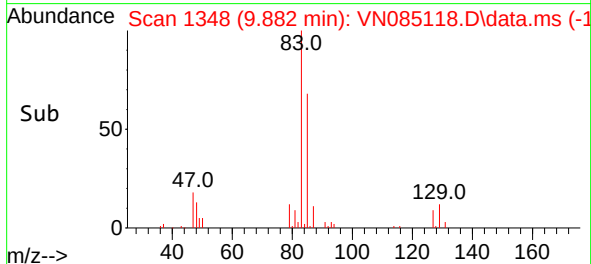
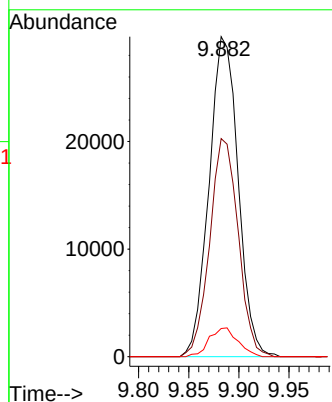
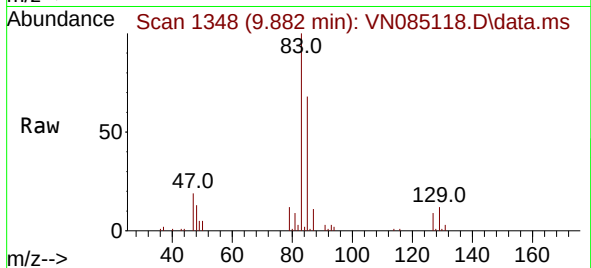




#41
Bromodichloromethane
Concen: 19.628 ug/l
RT: 9.882 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

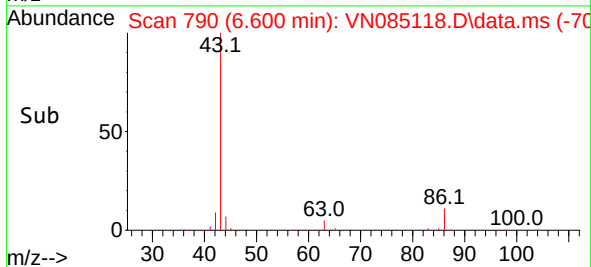
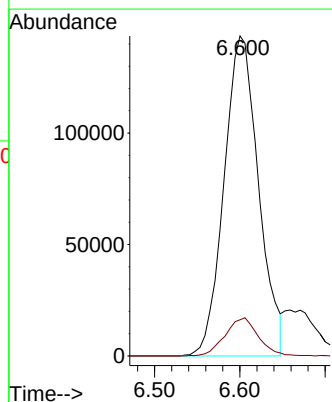
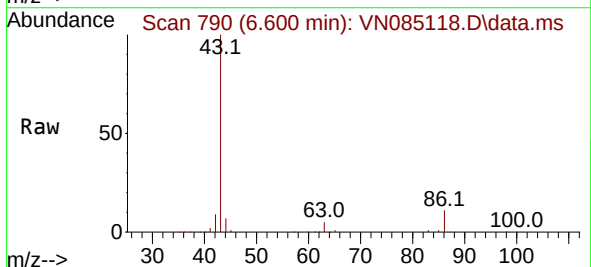
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

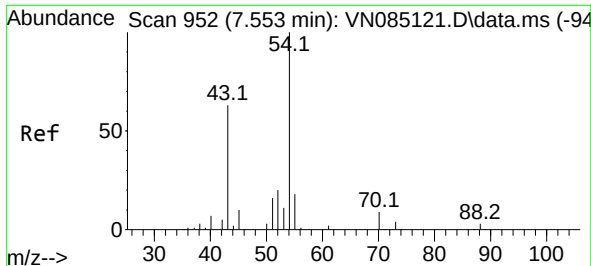
Tgt Ion: 83	Resp: 60013
Ion Ratio	Lower Upper
83 100	
85 68.2	54.6 81.8
127 8.8	7.0 10.6



#42
Vinyl Acetate
Concen: 96.136 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

Tgt Ion: 43	Resp: 404546
Ion Ratio	Lower Upper
43 100	
86 11.5	9.2 13.8

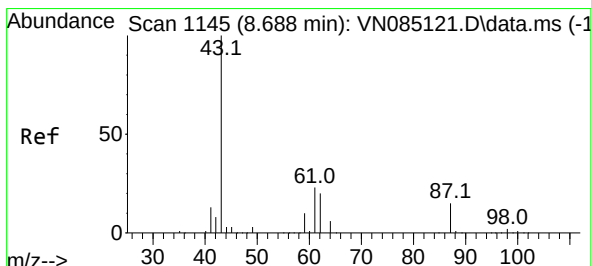
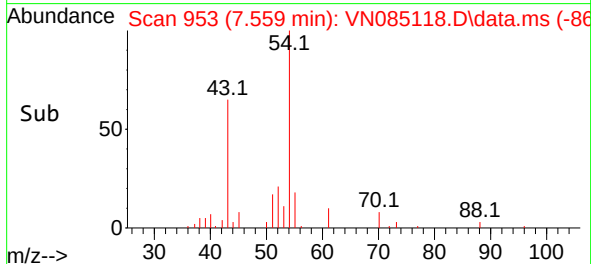
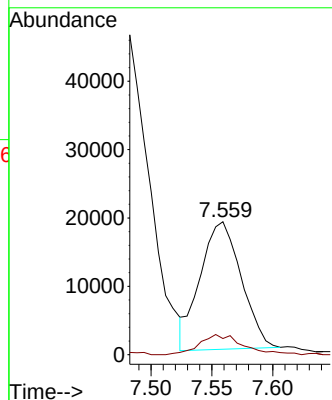
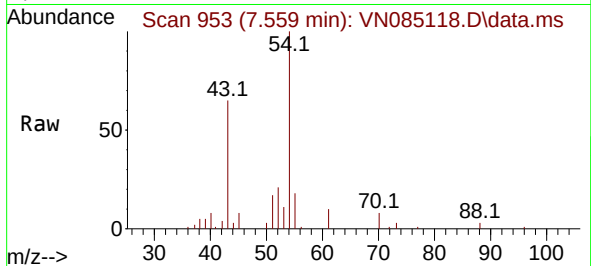




#43
Ethyl Acetate
Concen: 18.276 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

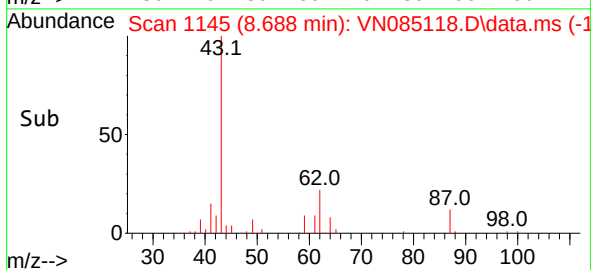
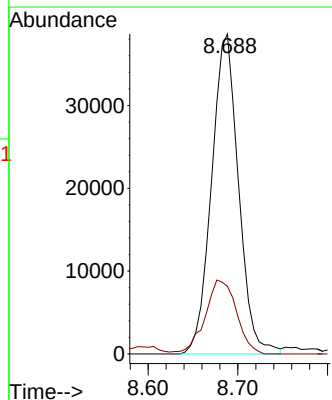
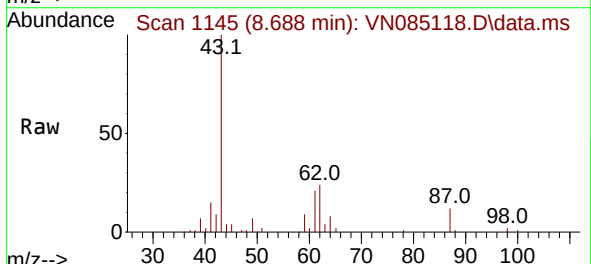
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

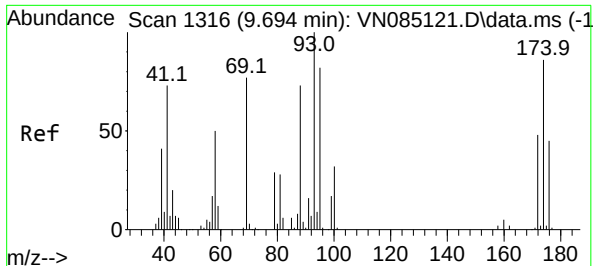
Tgt Ion: 43 Resp: 43730
Ion Ratio Lower Upper
43 100
45 16.6 13.3 19.9



#44
Isopropyl Acetate
Concen: 19.412 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

Tgt Ion: 43 Resp: 80717
Ion Ratio Lower Upper
43 100
61 26.9 21.5 32.3

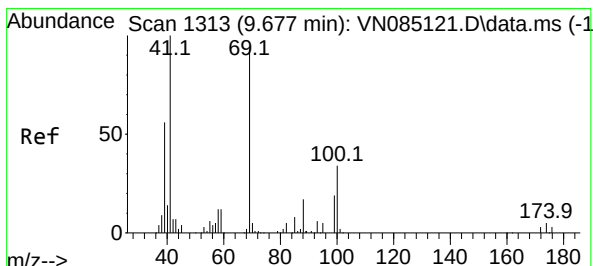
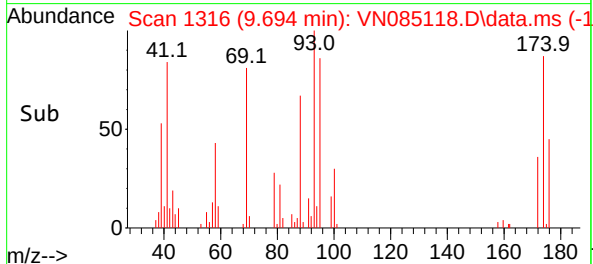
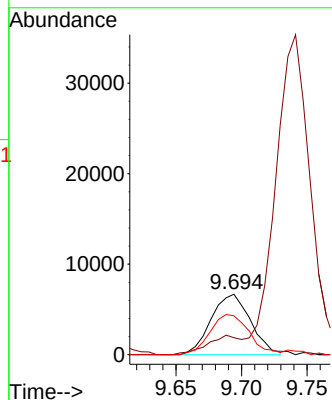
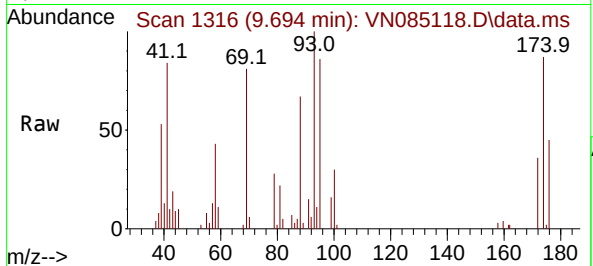




#45
1,4-Dioxane
Concen: 403.408 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

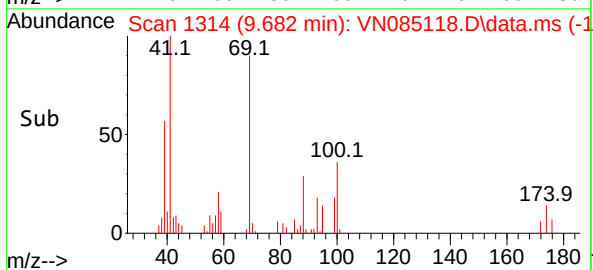
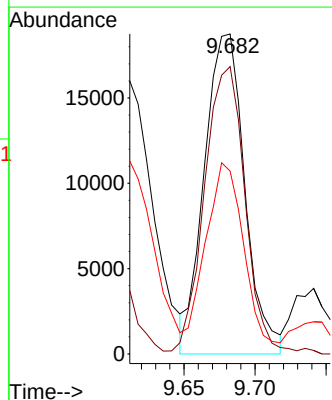
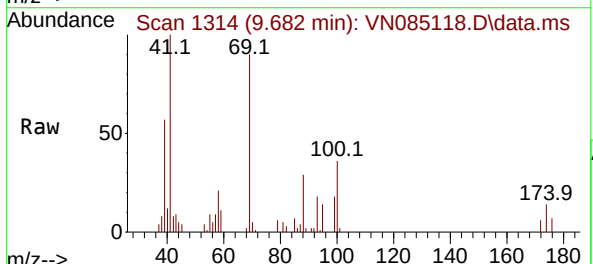
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

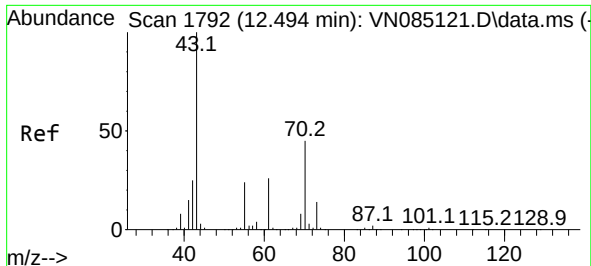
Tgt Ion: 88 Resp: 13988
Ion Ratio Lower Upper
88 100
43 27.1 21.7 32.5
58 65.8 52.6 79.0



#46
Methyl methacrylate
Concen: 19.535 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

Tgt Ion: 41 Resp: 37174
Ion Ratio Lower Upper
41 100
69 93.3 46.7 140.0
39 57.0 28.5 85.5

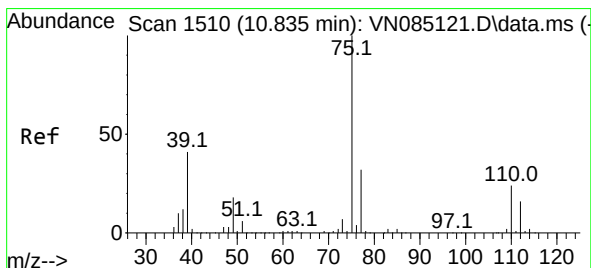
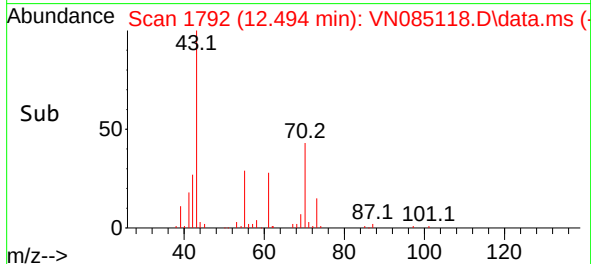
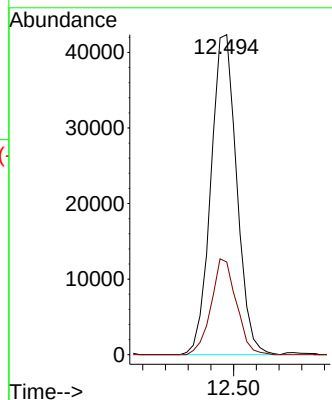
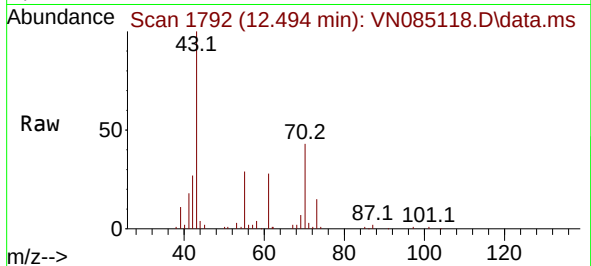




#47
n-amyl acetate
Concen: 19.154 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

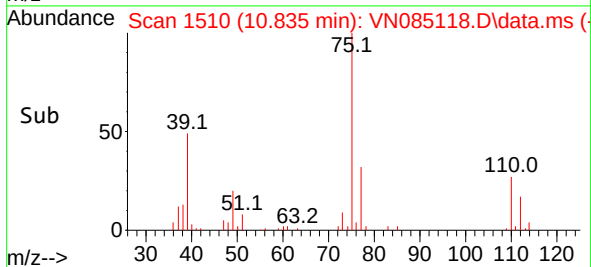
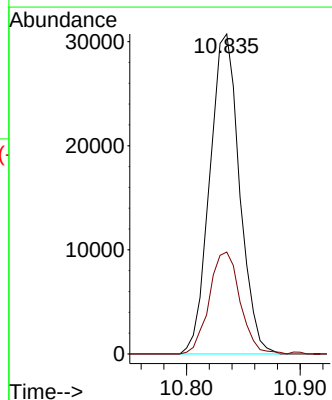
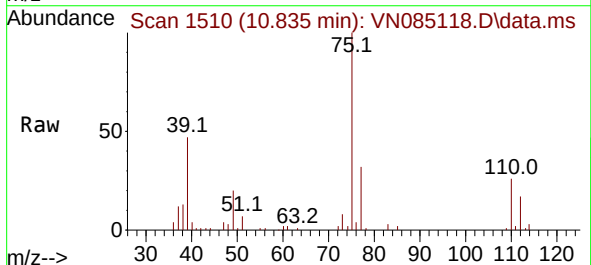
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

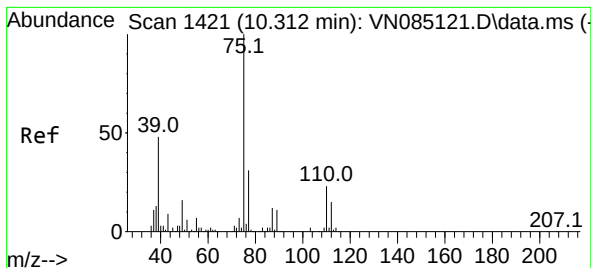
Tgt Ion: 43 Resp: 67009
Ion Ratio Lower Upper
43 100
55 29.1 23.3 34.9



#48
t-1,3-Dichloropropene
Concen: 18.657 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

Tgt Ion: 75 Resp: 55998
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3

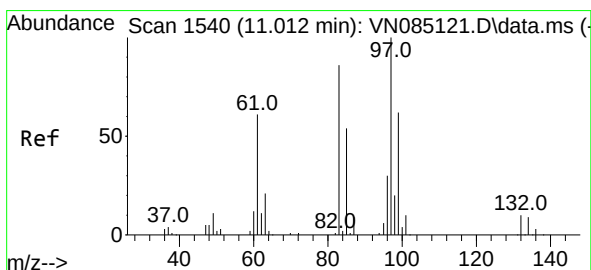
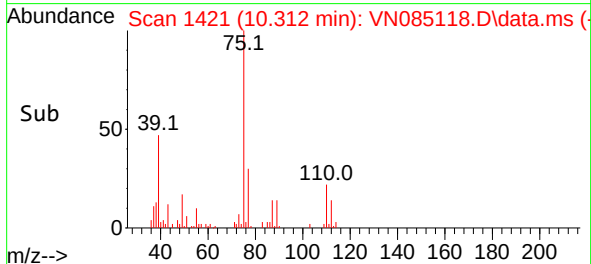
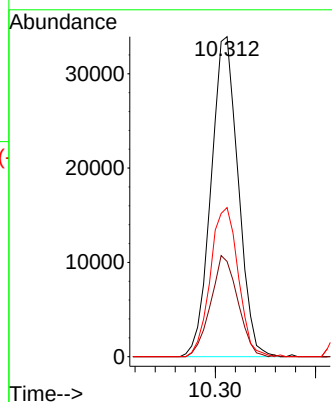
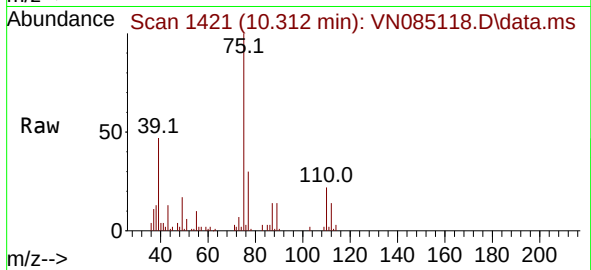




#49
 cis-1,3-Dichloropropene
 Concen: 19.540 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN085118.D
 Acq: 06 Dec 2024 10:26

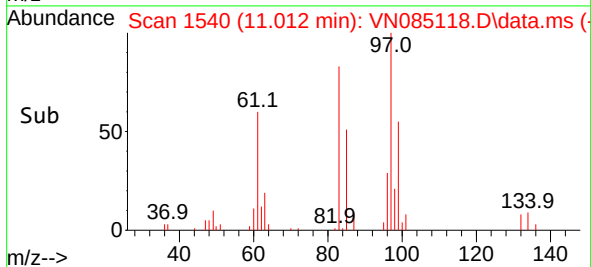
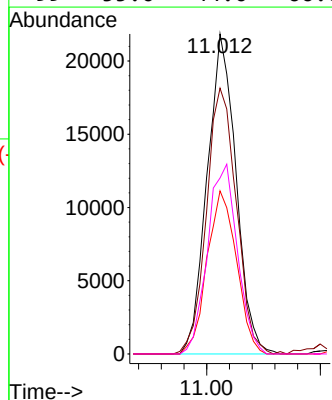
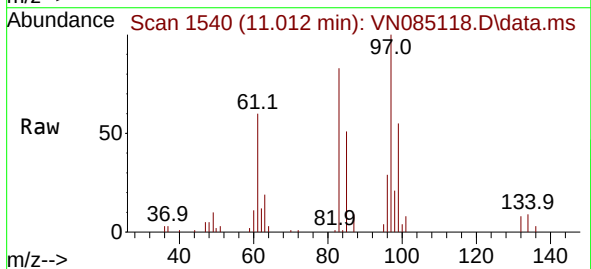
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

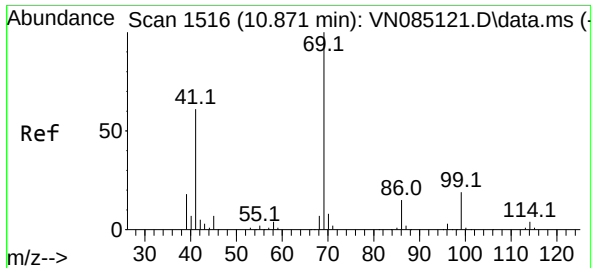
Tgt Ion:	75	Resp:	63845
Ion	Ratio	Lower	Upper
75	100		
77	29.7	23.8	35.6
39	46.6	37.3	55.9



#50
 1,1,2-Trichloroethane
 Concen: 19.958 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. 0.000 min
 Lab File: VN085118.D
 Acq: 06 Dec 2024 10:26

Tgt Ion:	97	Resp:	38466
Ion	Ratio	Lower	Upper
97	100		
83	82.3	65.8	98.8
85	51.0	40.8	61.2
99	55.0	44.0	66.0

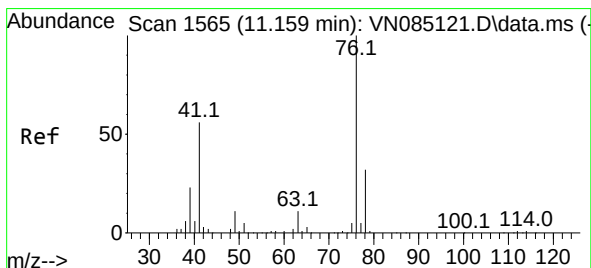
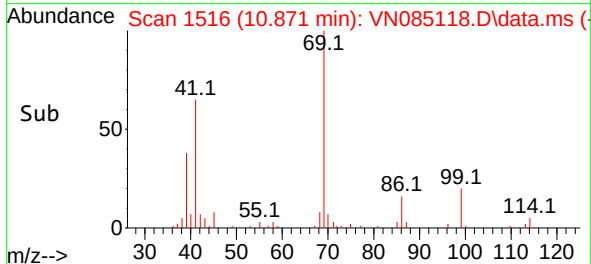
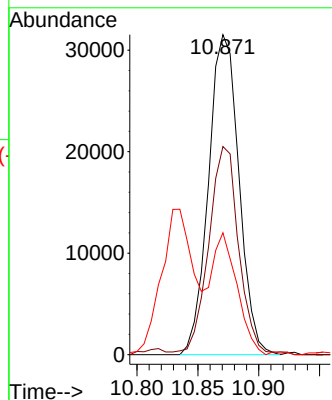
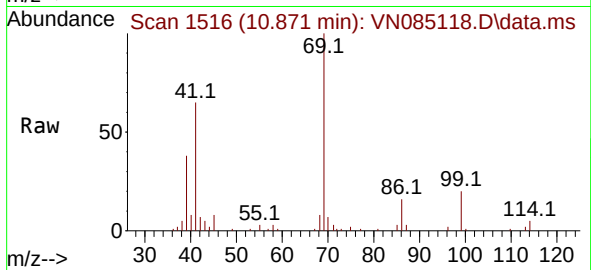




#51
Ethyl methacrylate
Concen: 18.696 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

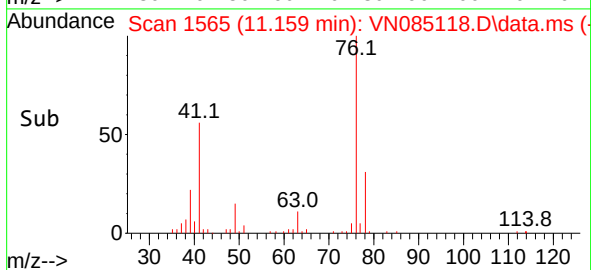
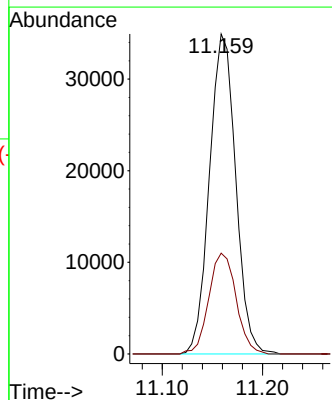
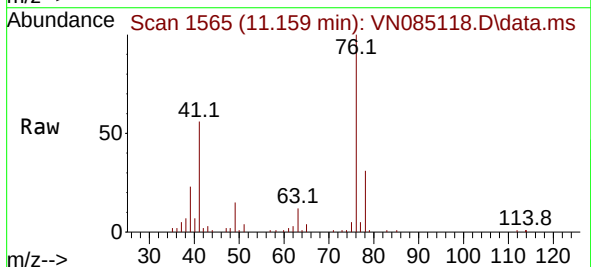
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

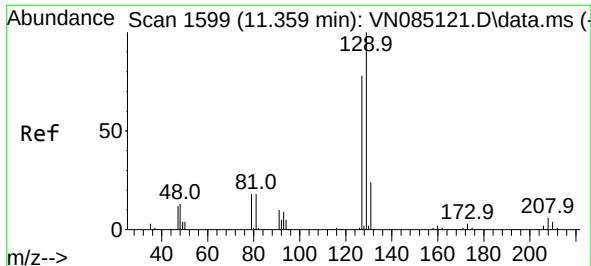
Tgt Ion:	69	Resp:	54805
Ion	Ratio	Lower	Upper
69	100		
41	64.2	32.1	96.3
39	37.6	18.8	56.4



#52
1,3-Dichloropropane
Concen: 19.634 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

Tgt Ion:	76	Resp:	63330
Ion	Ratio	Lower	Upper
76	100		
78	32.8	0.0	65.6

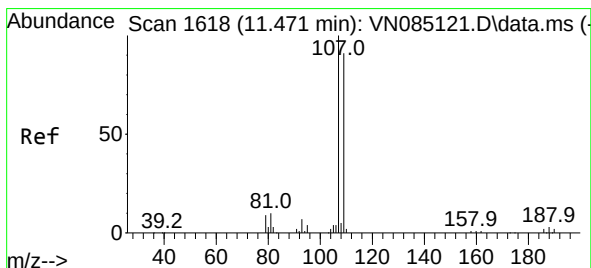
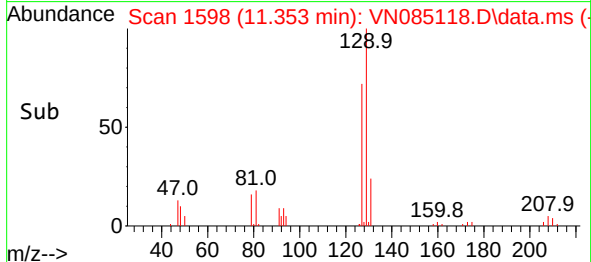
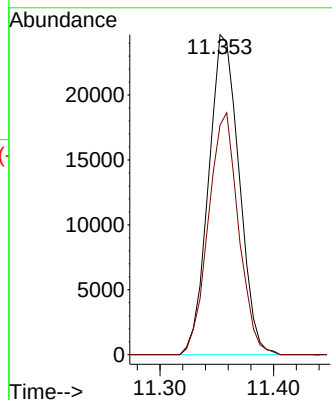
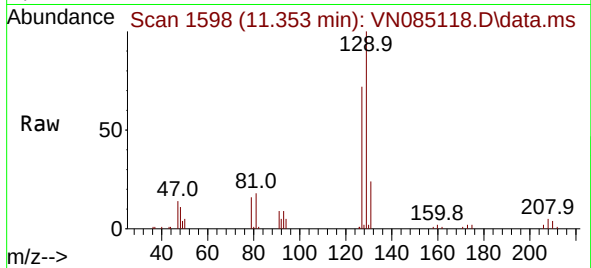




#53
Dibromochloromethane
Concen: 19.614 ug/l
RT: 11.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

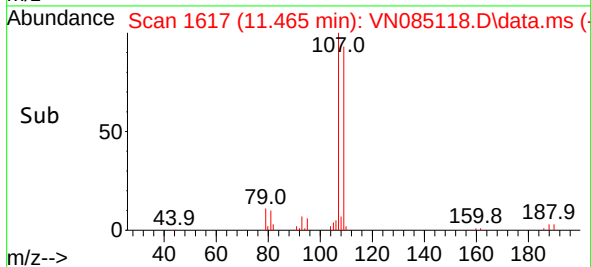
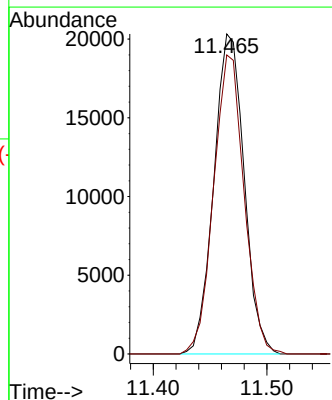
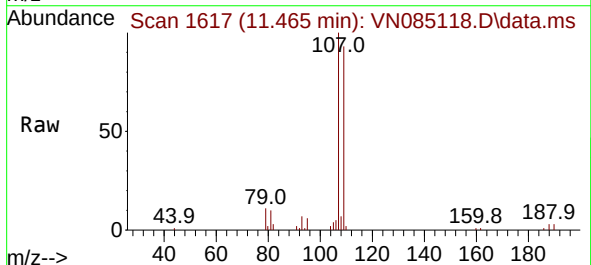
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

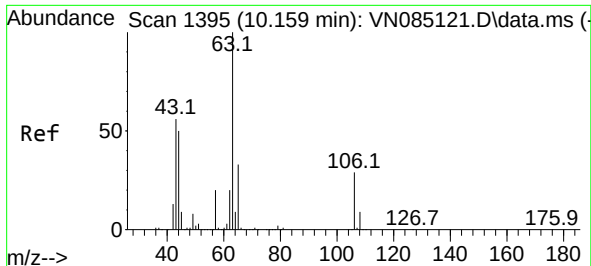
Tgt Ion:129 Resp: 46068
Ion Ratio Lower Upper
129 100
127 74.6 37.3 111.9



#54
1,2-Dibromoethane
Concen: 19.376 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

Tgt Ion:107 Resp: 37625
Ion Ratio Lower Upper
107 100
109 94.0 75.2 112.8

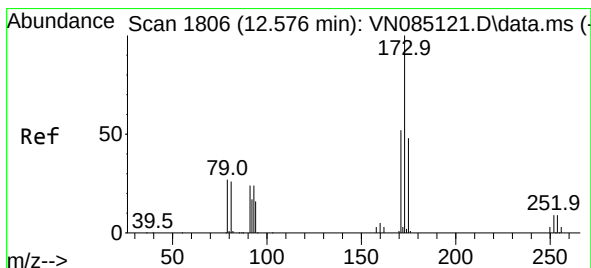
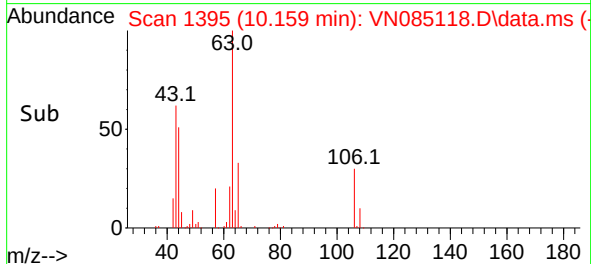
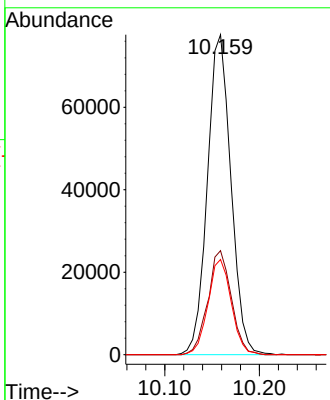
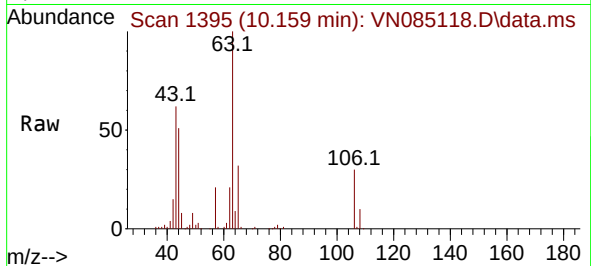




#55
2-Chloroethyl vinyl ether
Concen: 98.387 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

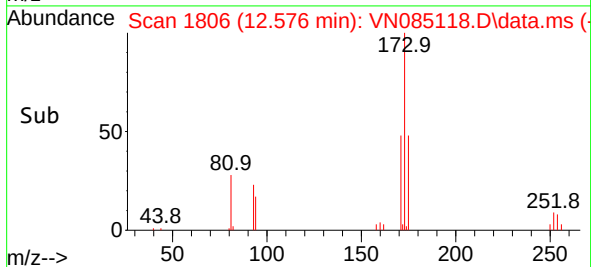
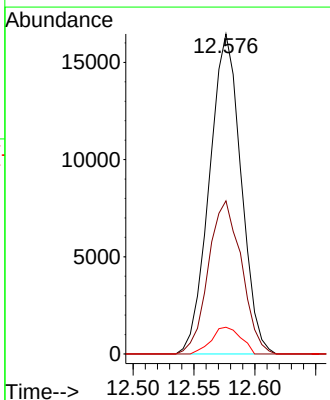
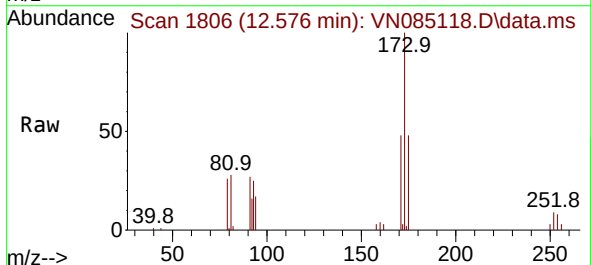
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

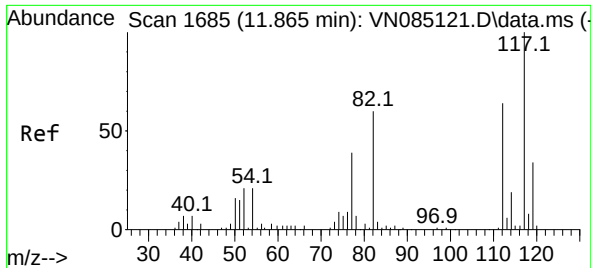
Tgt Ion: 63 Resp: 133977
Ion Ratio Lower Upper
63 100
65 32.4 25.9 38.9
106 29.4 23.5 35.3



#56
Bromoform
Concen: 18.911 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

Tgt Ion: 173 Resp: 29780
Ion Ratio Lower Upper
173 100
175 50.2 40.2 60.2
254 7.8 6.2 9.4

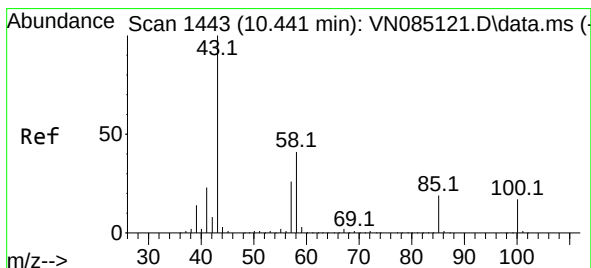
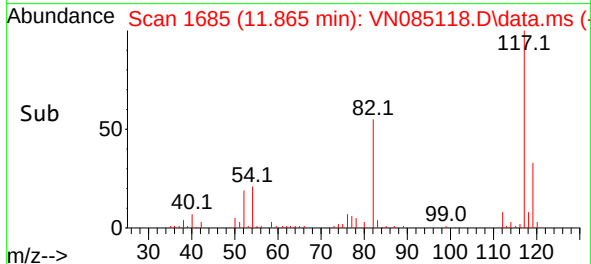
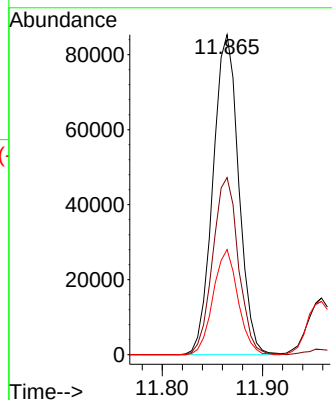
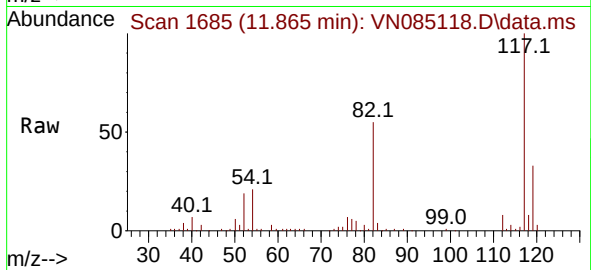




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

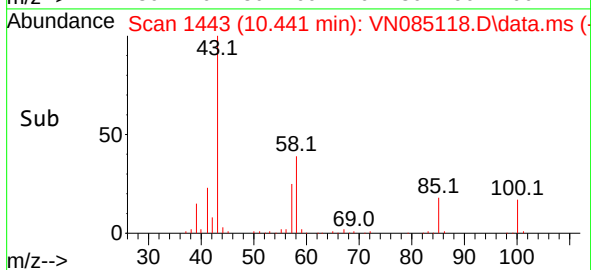
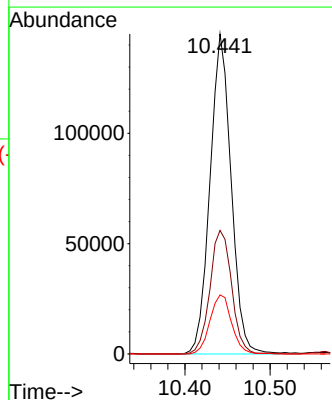
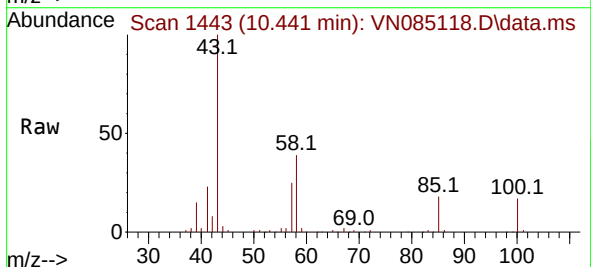
Instrument :
MSVOA_N
ClientSampleId :
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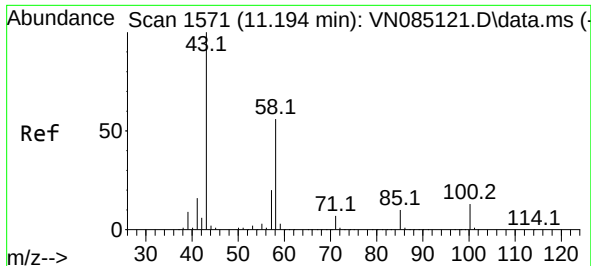
Tgt Ion:117 Resp: 151793
Ion Ratio Lower Upper
117 100
82 55.3 44.2 66.4
119 31.8 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 100.896 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

Tgt Ion: 43 Resp: 249951
Ion Ratio Lower Upper
43 100
58 39.5 31.6 47.4
85 18.8 15.0 22.6

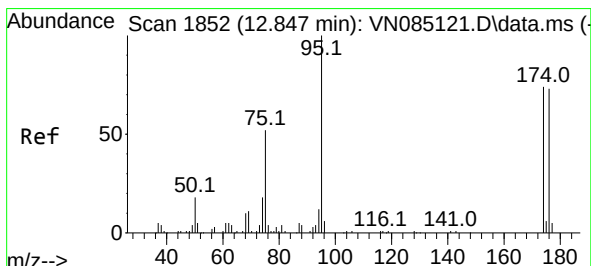
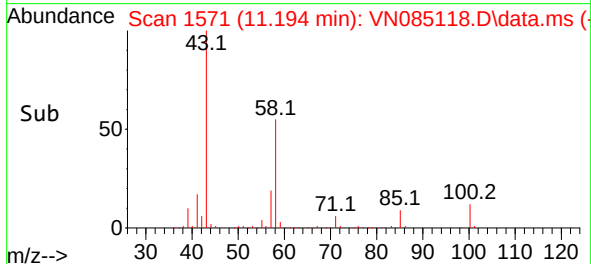
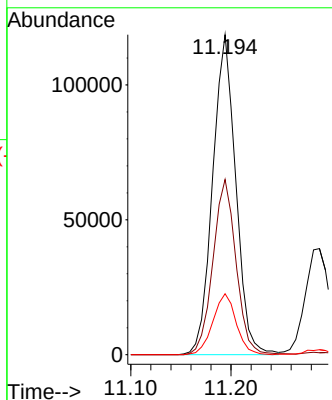
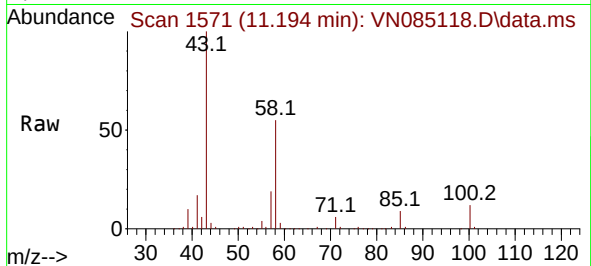




#59
2-Hexanone
Concen: 101.223 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

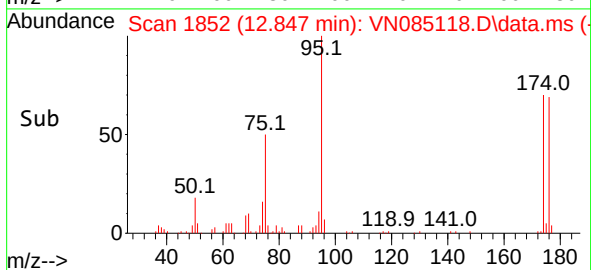
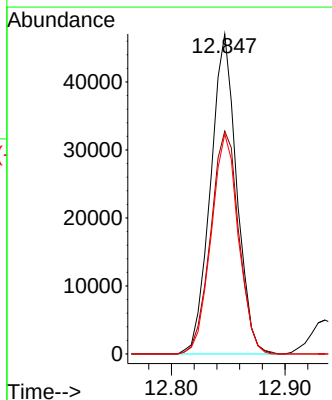
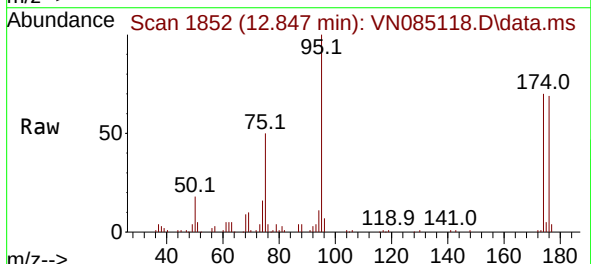
Instrument :
MSVOA_N
ClientSampleId :
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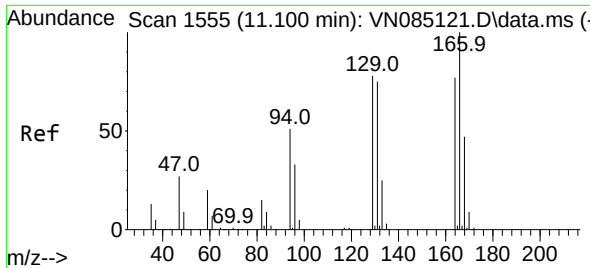
Tgt Ion: 43 Resp: 190003
Ion Ratio Lower Upper
43 100
58 54.5 43.6 65.4
57 19.2 15.4 23.0



#60
4-Bromofluorobenzene
Concen: 29.902 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

Tgt Ion: 95 Resp: 75101
Ion Ratio Lower Upper
95 100
174 75.4 60.3 90.5
176 71.7 57.4 86.0

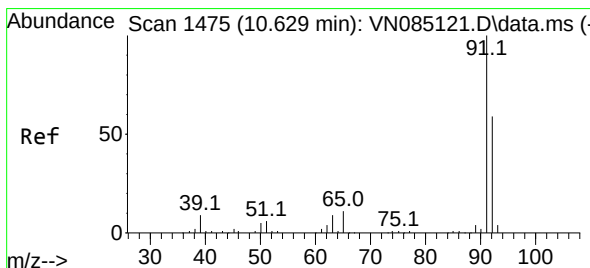
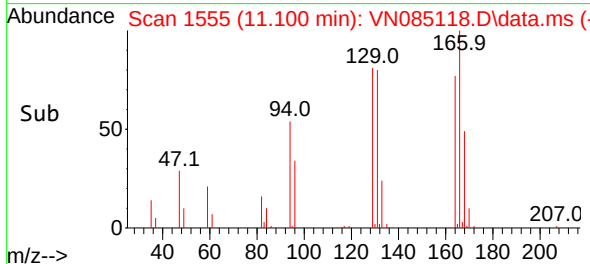
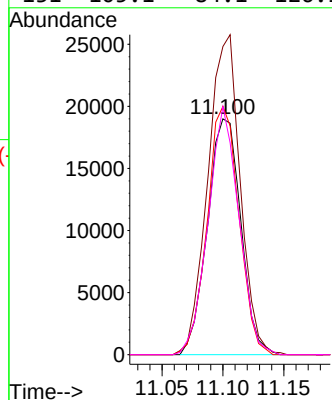
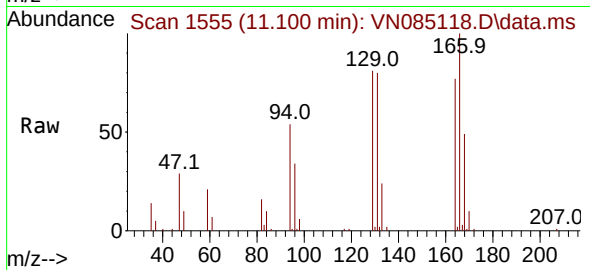




#61
Tetrachloroethene
Concen: 19.684 ug/l
RT: 11.100 min Scan# 1155
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

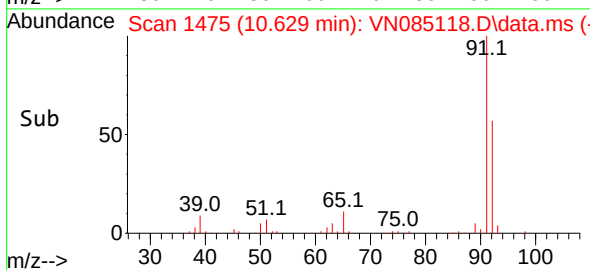
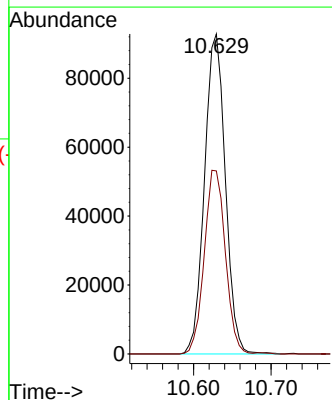
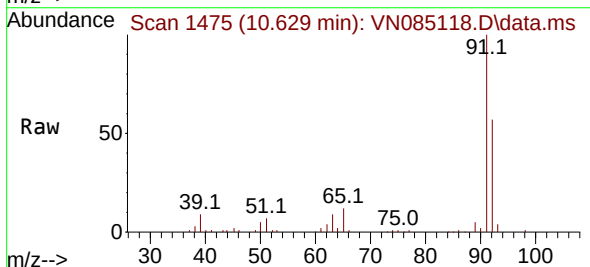
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

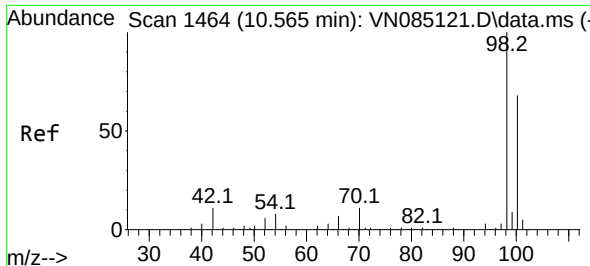
Tgt Ion:164 Resp: 36183
Ion Ratio Lower Upper
164 100
166 129.8 103.8 155.8
129 105.3 84.2 126.4
131 105.1 84.1 126.1



#62
Toluene
Concen: 19.581 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

Tgt Ion: 91 Resp: 173344
Ion Ratio Lower Upper
91 100
92 58.1 46.5 69.7

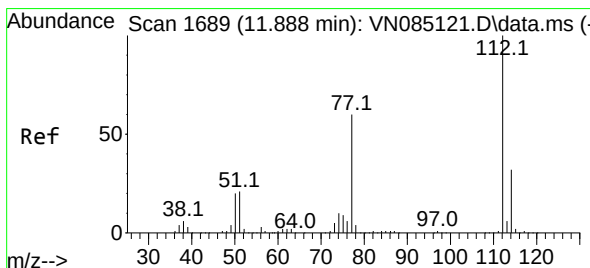
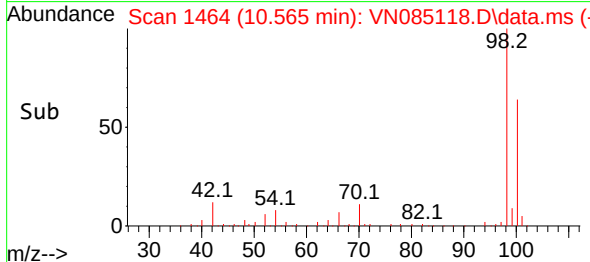
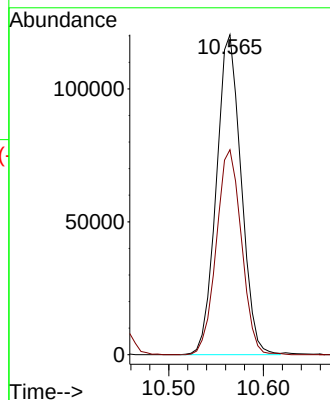
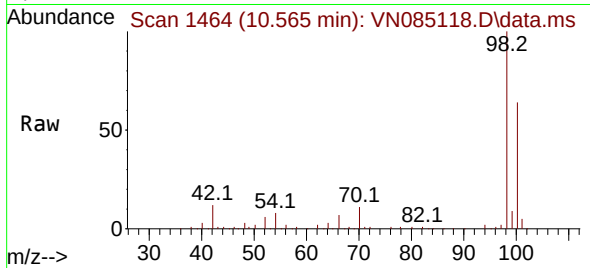




#63
Toluene-d8
Concen: 30.755 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

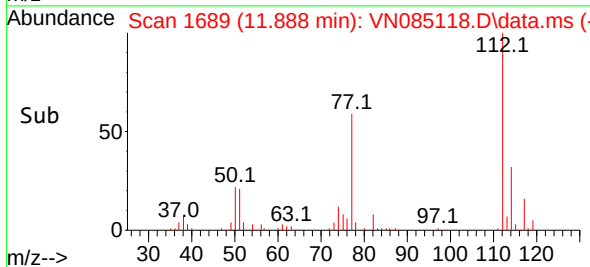
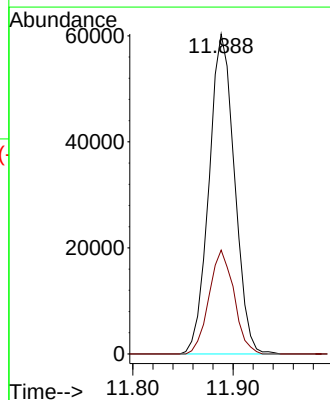
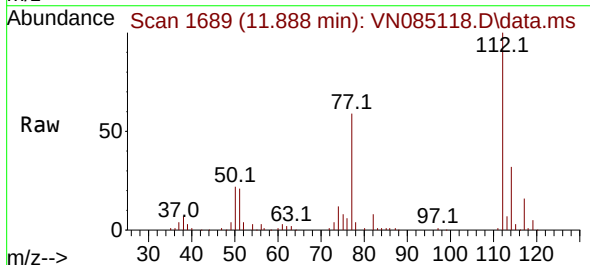
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

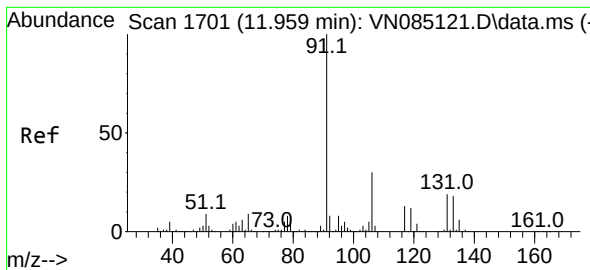
Tgt Ion: 98 Resp: 218988
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#64
Chlorobenzene
Concen: 19.550 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

Tgt Ion: 112 Resp: 106855
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0

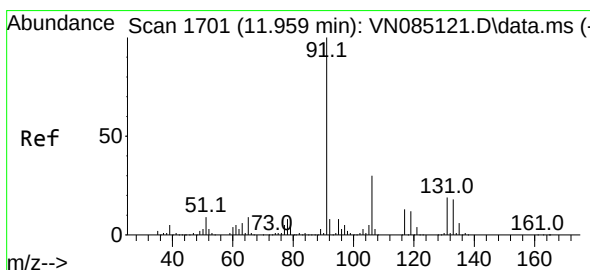
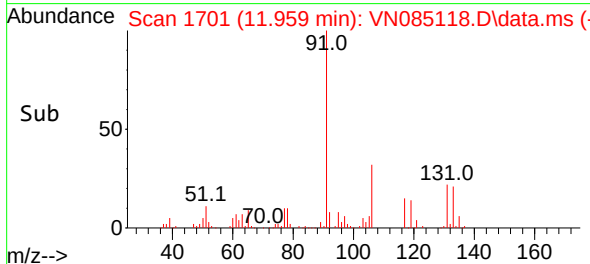
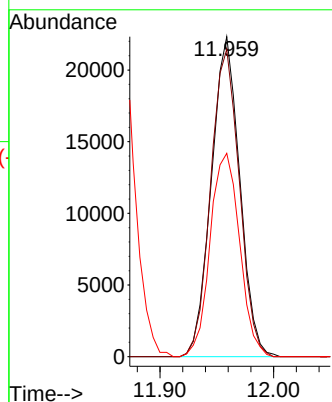
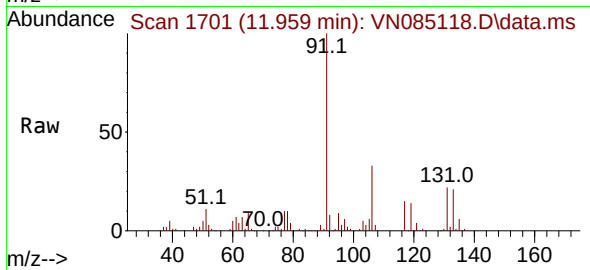




#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.032 ug/l
 RT: 11.959 min Scan# 1701
 Delta R.T. 0.000 min
 Lab File: VN085118.D
 Acq: 06 Dec 2024 10:26

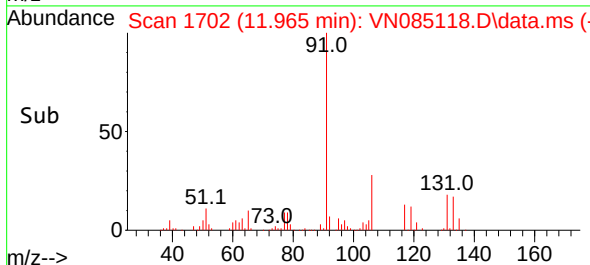
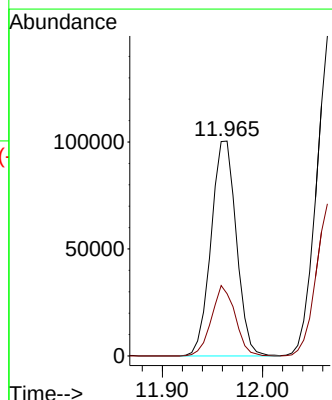
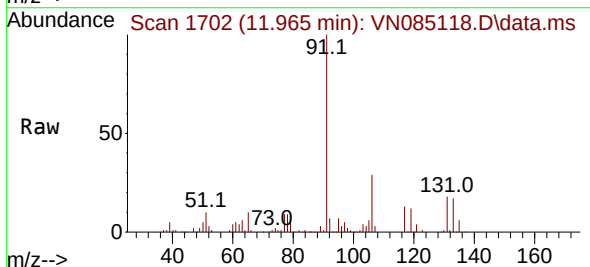
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

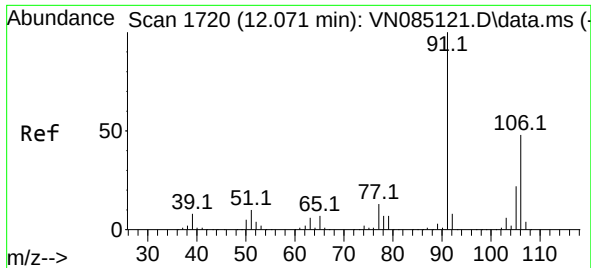
Tgt Ion:131 Resp: 38831
 Ion Ratio Lower Upper
 131 100
 133 97.0 0.0 194.0
 119 65.9 0.0 131.8



#66
 Ethyl Benzene
 Concen: 18.737 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN085118.D
 Acq: 06 Dec 2024 10:26

Tgt Ion: 91 Resp: 176006
 Ion Ratio Lower Upper
 91 100
 106 28.9 23.1 34.7

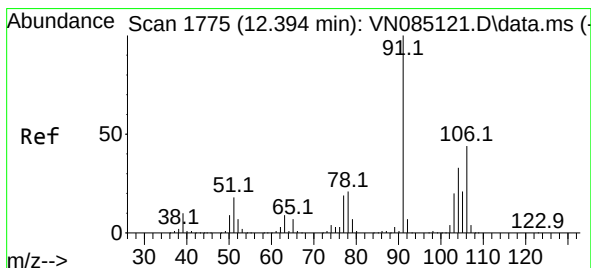
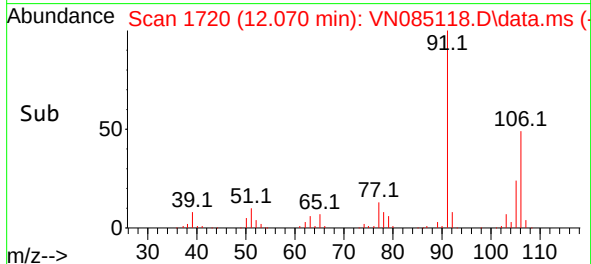
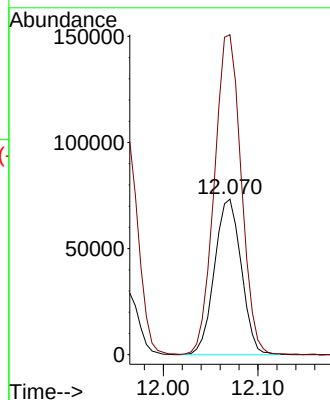
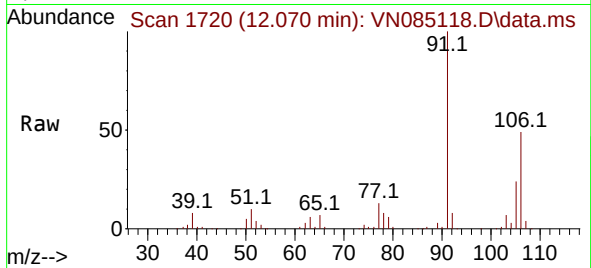




#67
m/p-Xylenes
Concen: 39.929 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

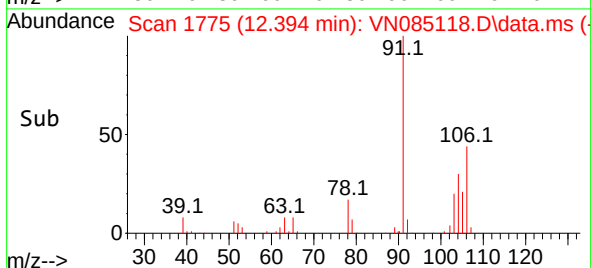
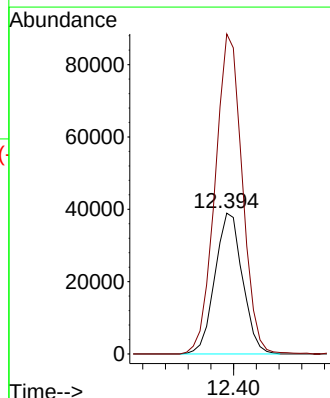
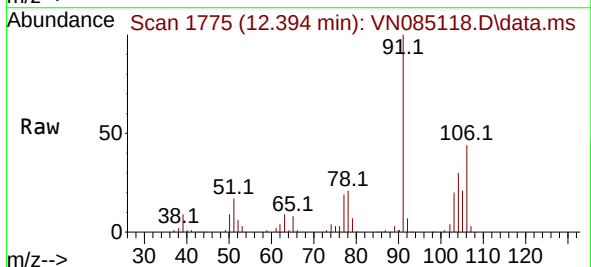
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

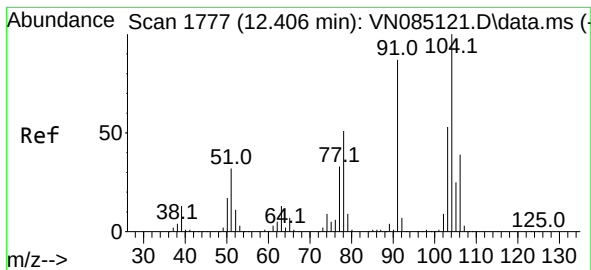
Tgt Ion:106 Resp: 144263
Ion Ratio Lower Upper
106 100
91 206.2 165.0 247.4



#68
o-Xylene
Concen: 19.324 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

Tgt Ion:106 Resp: 65568
Ion Ratio Lower Upper
106 100
91 224.3 112.1 336.4





#69

Styrene

Concen: 19.289 ug/l

RT: 12.412 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN085118.D

Acq: 06 Dec 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

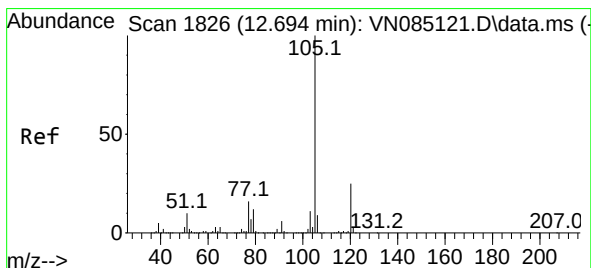
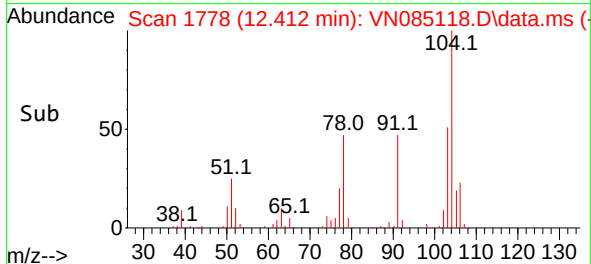
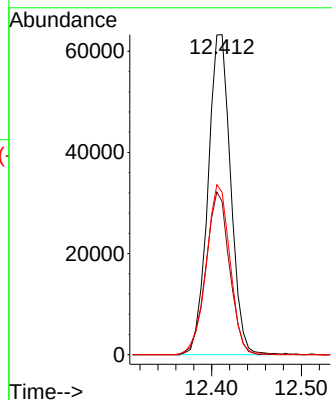
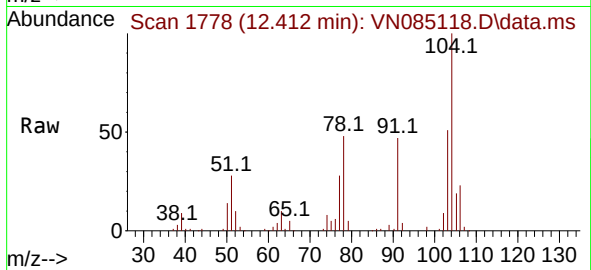
Tgt Ion:104 Resp: 111060

Ion Ratio Lower Upper

104 100

78 52.9 42.3 63.5

103 55.5 44.4 66.6



#70

Isopropylbenzene

Concen: 19.153 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN085118.D

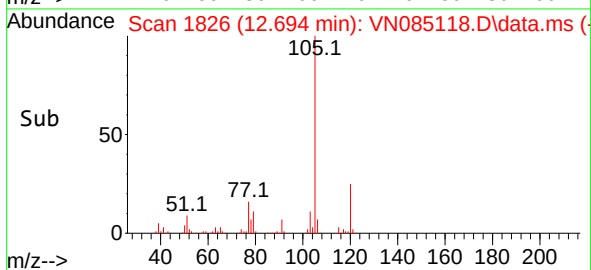
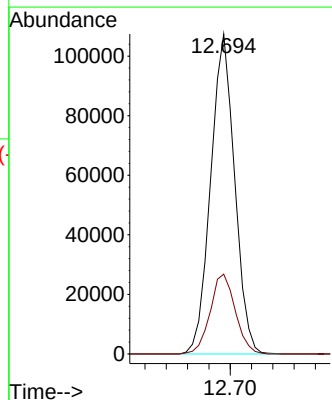
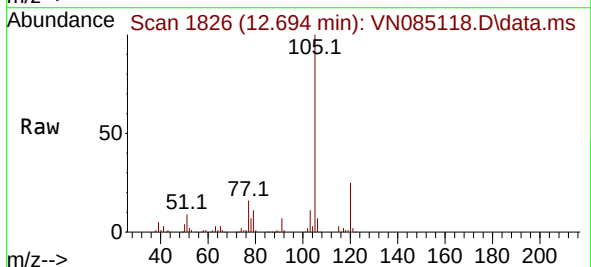
Acq: 06 Dec 2024 10:26

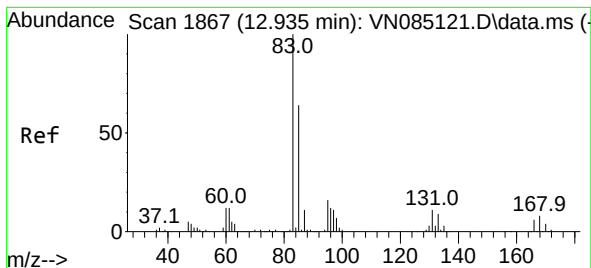
Tgt Ion:105 Resp: 167624

Ion Ratio Lower Upper

105 100

120 26.1 18.3 33.9

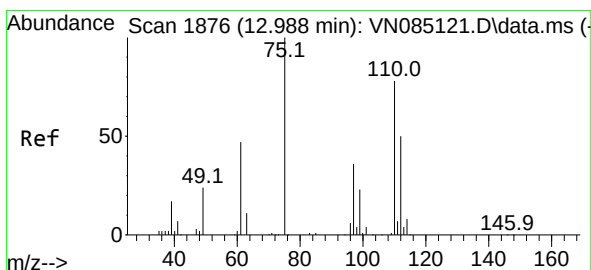
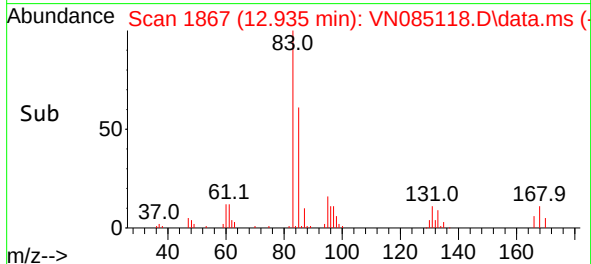
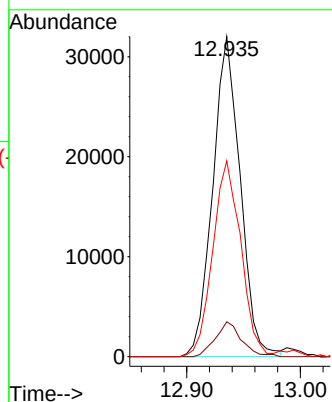
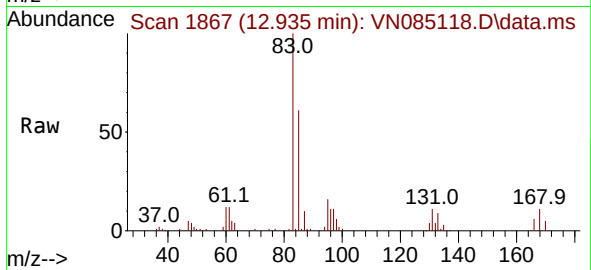




#71
1,1,2,2-Tetrachloroethane
Concen: 20.208 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

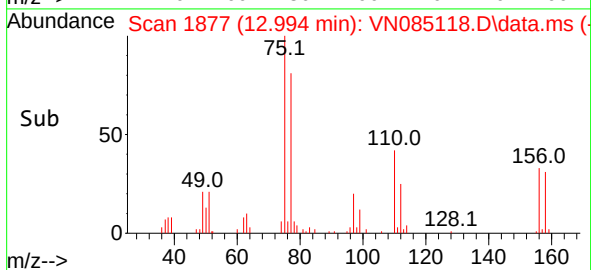
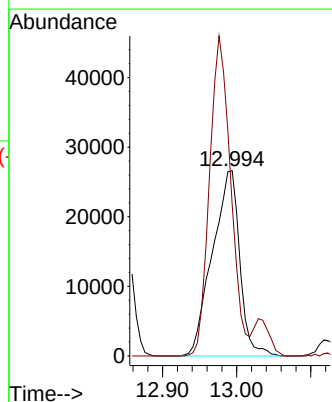
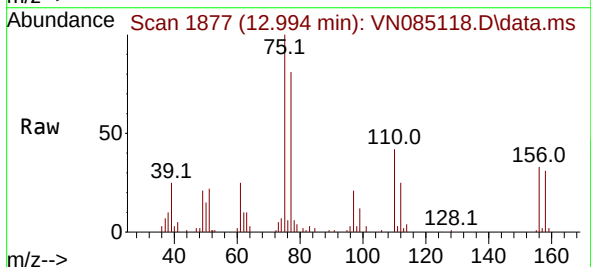
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

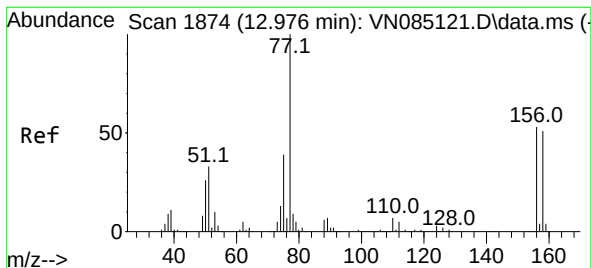
Tgt Ion: 83 Resp: 53829
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 62.3 31.1 93.5



#72
1,2,3-Trichloropropane
Concen: 25.935 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

Tgt Ion: 75 Resp: 68245
Ion Ratio Lower Upper
75 100
77 134.1 0.0 339.0





#73

Bromobenzene

Concen: 19.393 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN085118.D

Acq: 06 Dec 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

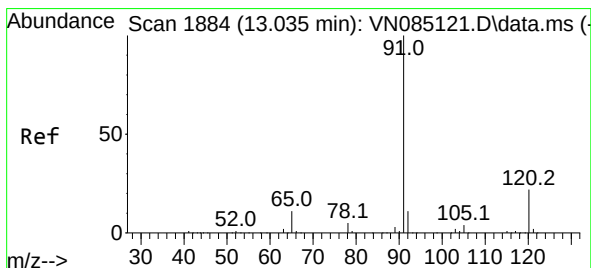
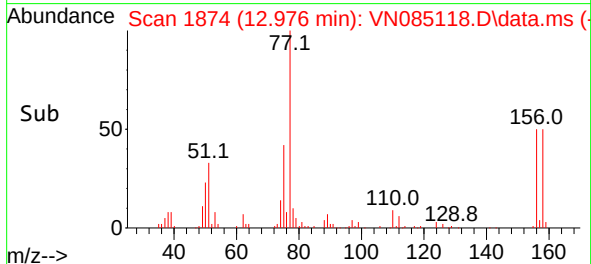
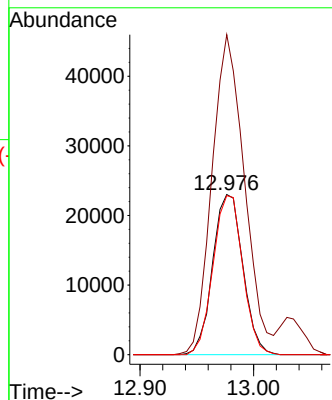
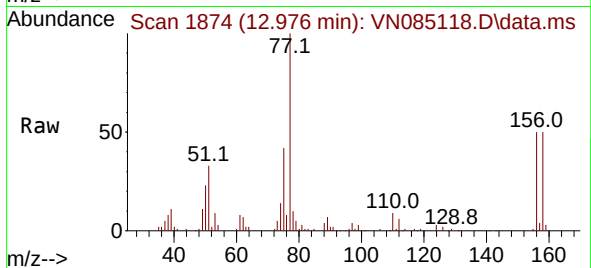
Tgt Ion:156 Resp: 42513

Ion Ratio Lower Upper

156 100

77 215.2 0.0 430.4

158 97.6 0.0 195.2



#74

n-propylbenzene

Concen: 19.431 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN085118.D

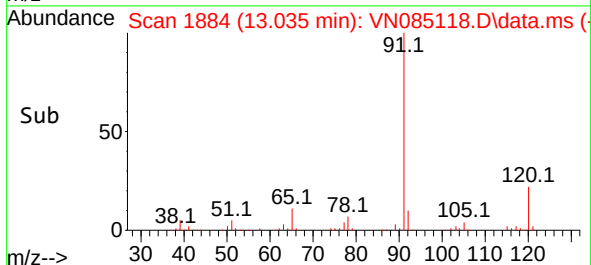
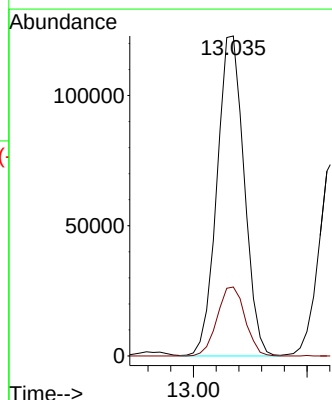
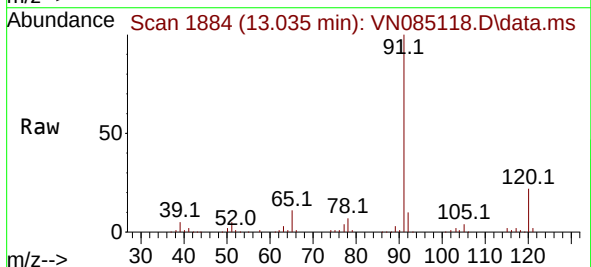
Acq: 06 Dec 2024 10:26

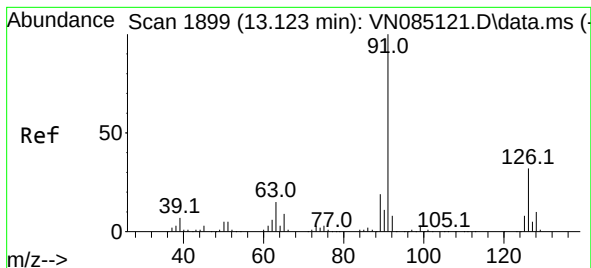
Tgt Ion: 91 Resp: 204446

Ion Ratio Lower Upper

91 100

120 22.0 0.0 44.0





#75

2-Chlorotoluene

Concen: 19.766 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN085118.D

Acq: 06 Dec 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :

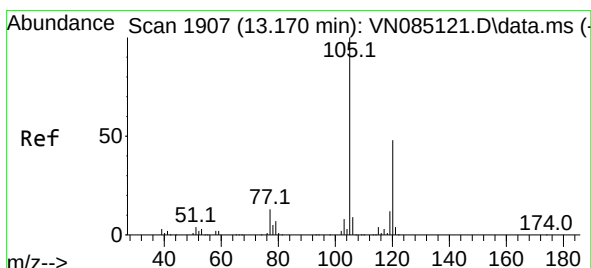
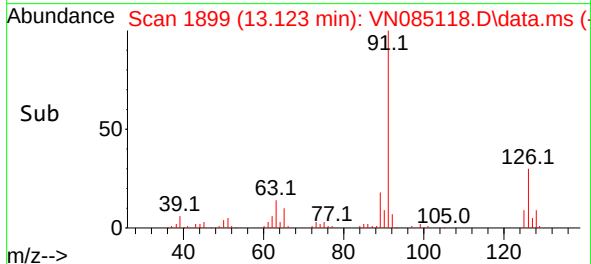
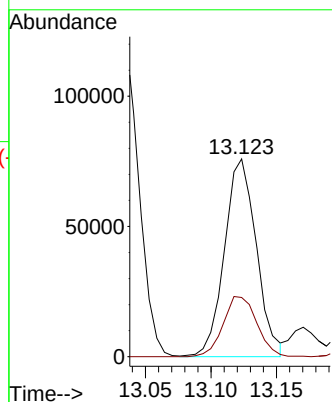
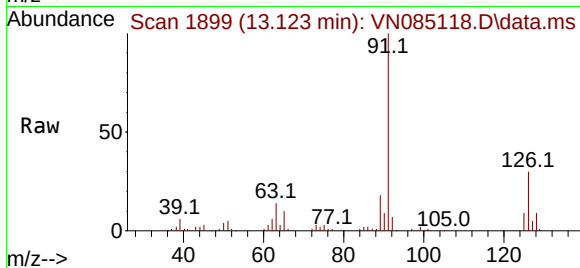
VSTDICCC020

Tgt Ion: 91 Resp: 128581

Ion Ratio Lower Upper

91 100

126 32.1 0.0 64.2



#76

1,3,5-Trimethylbenzene

Concen: 19.449 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN085118.D

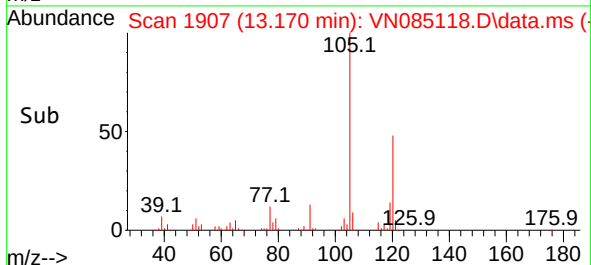
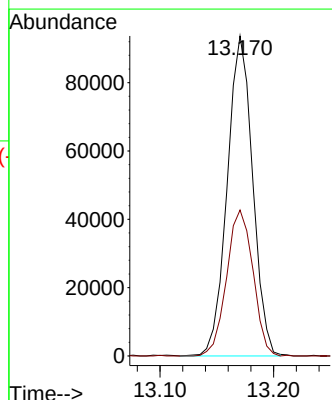
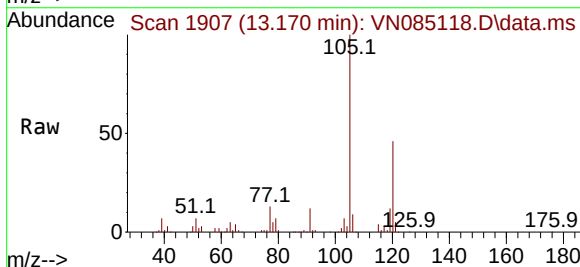
Acq: 06 Dec 2024 10:26

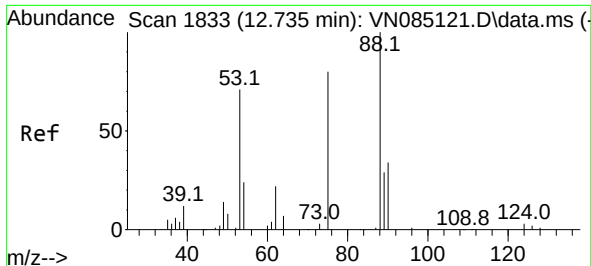
Tgt Ion: 105 Resp: 145824

Ion Ratio Lower Upper

105 100

120 47.2 0.0 94.4

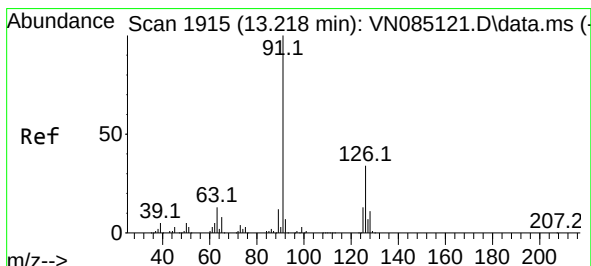
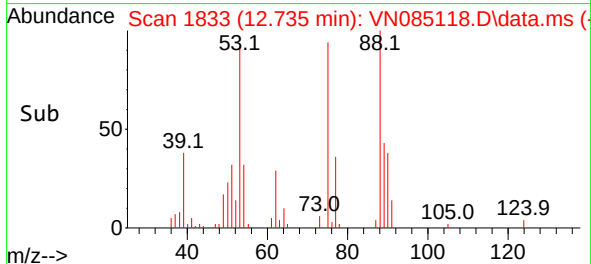
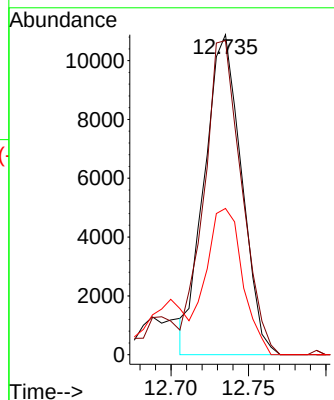
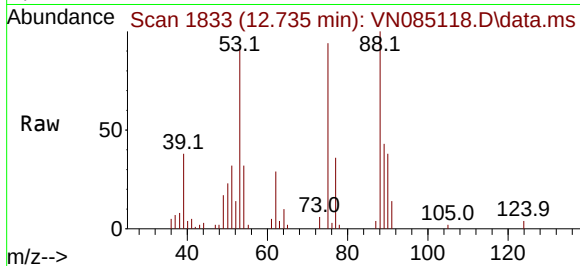




#77
t-1,4-Dichloro-2-butene
Concen: 18.901 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

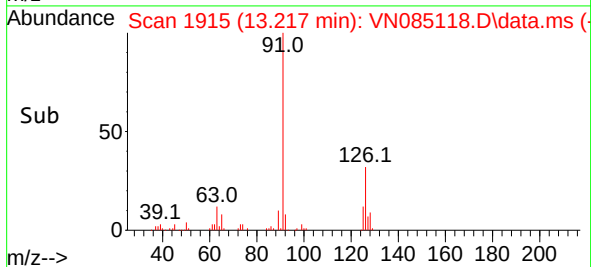
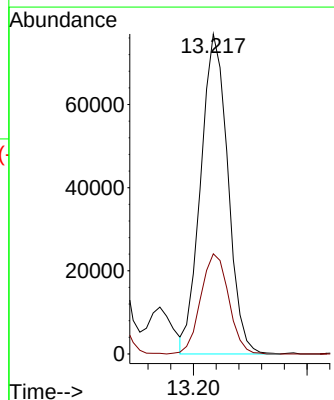
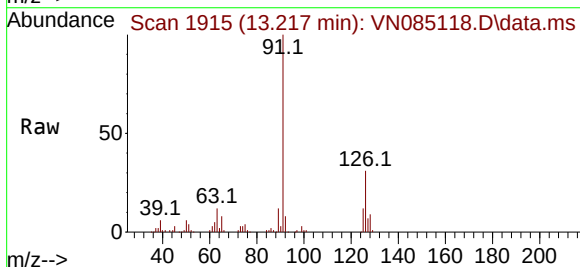
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

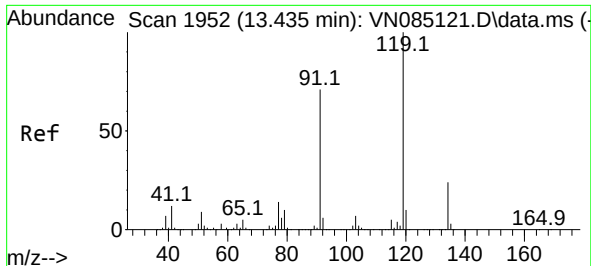
Tgt Ion: 75 Resp: 18073
Ion Ratio Lower Upper
75 100
53 98.2 49.1 147.3
89 45.7 22.9 68.5



#78
4-Chlorotoluene
Concen: 19.337 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

Tgt Ion: 91 Resp: 127680
Ion Ratio Lower Upper
91 100
126 32.2 0.0 64.4

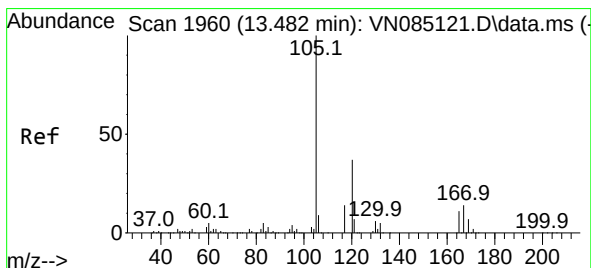
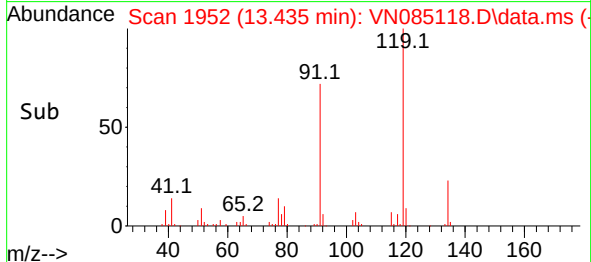
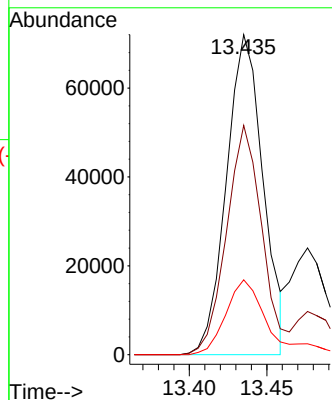
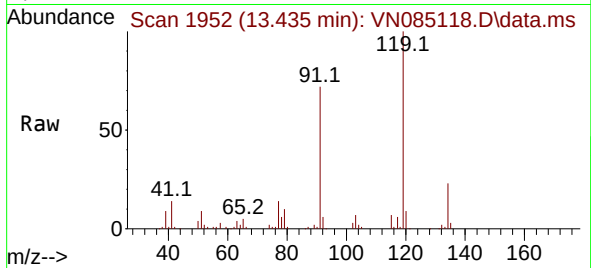




#79
tert-butylbenzene
Concen: 19.283 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

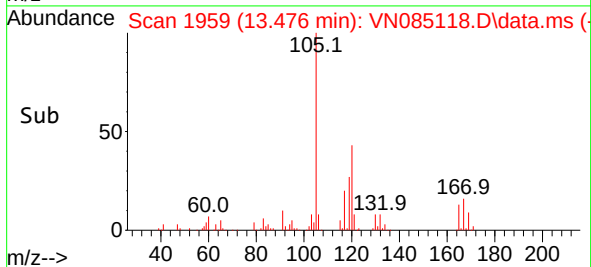
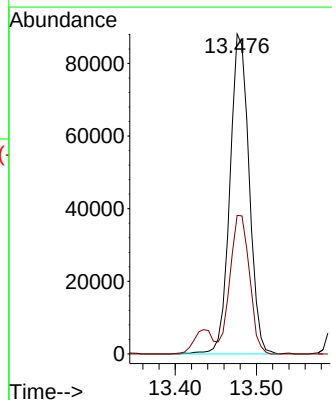
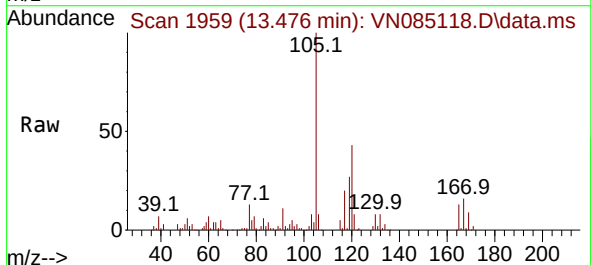
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

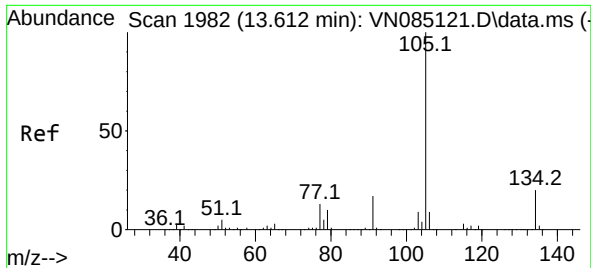
Tgt Ion:119 Resp: 118752
Ion Ratio Lower Upper
119 100
91 69.6 0.0 139.2
134 24.0 0.0 48.0



#80
1,2,4-Trimethylbenzene
Concen: 19.521 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

Tgt Ion:105 Resp: 144579
Ion Ratio Lower Upper
105 100
120 43.7 0.0 87.4

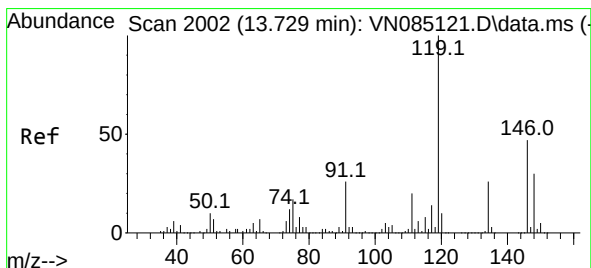
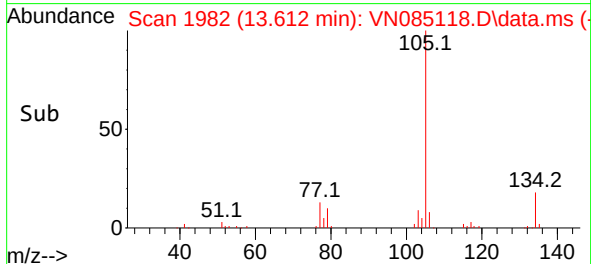
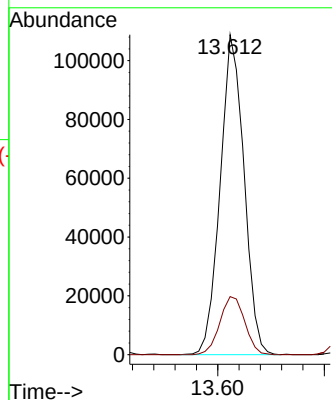
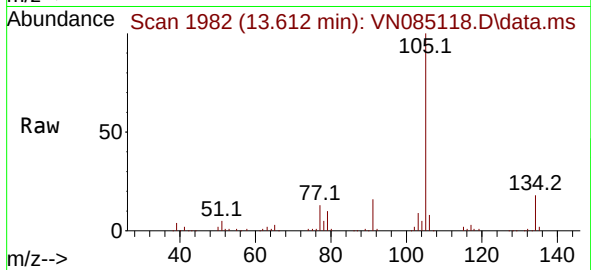




#81
 sec-Butylbenzene
 Concen: 19.304 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN085118.D
 Acq: 06 Dec 2024 10:26

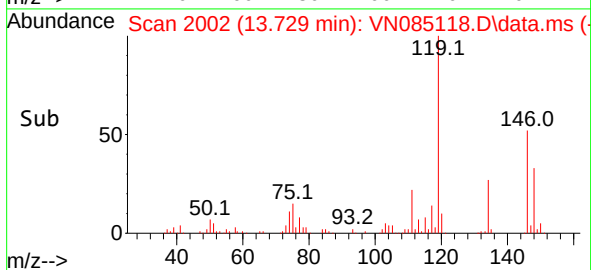
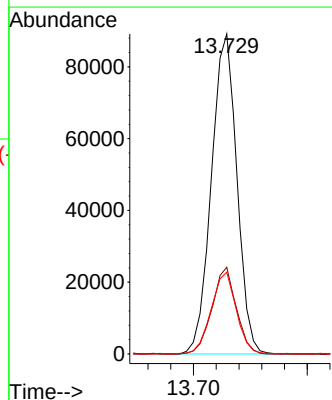
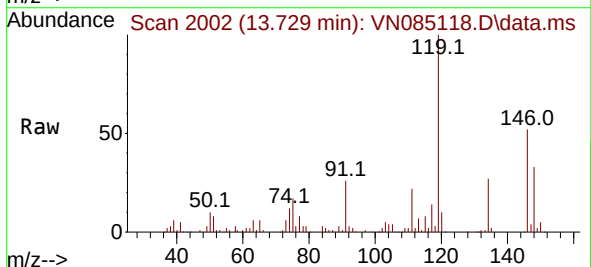
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

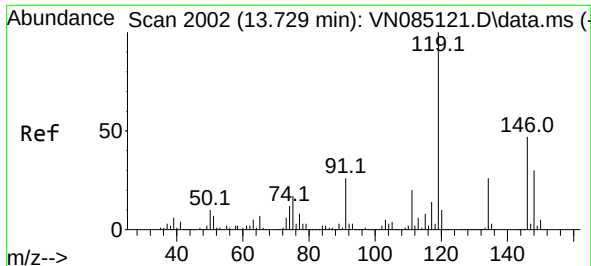
Tgt Ion:105 Resp: 168895
 Ion Ratio Lower Upper
 105 100
 134 19.0 0.0 38.0



#82
 p-Isopropyltoluene
 Concen: 19.140 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN085118.D
 Acq: 06 Dec 2024 10:26

Tgt Ion:119 Resp: 138833
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 51.6
 91 25.2 0.0 50.4

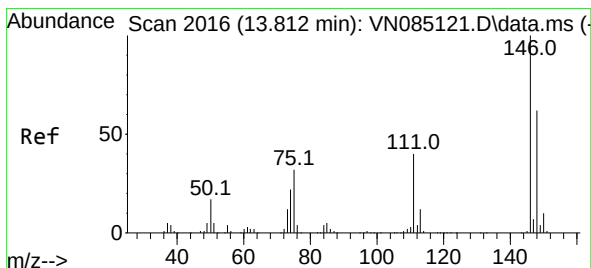
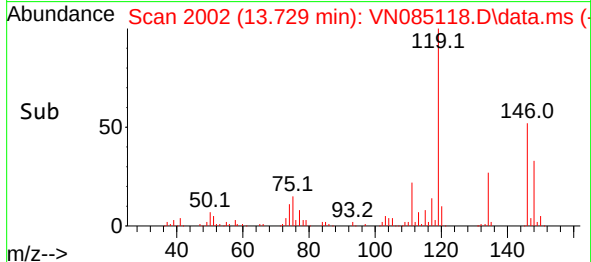
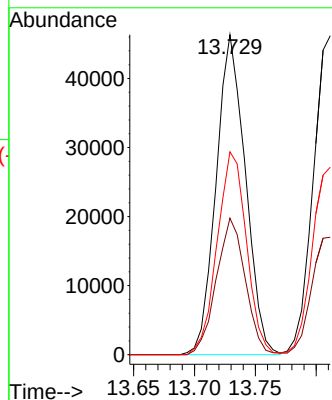
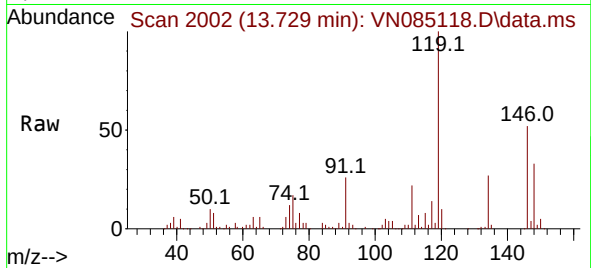




#83
 1,3-Dichlorobenzene
 Concen: 19.261 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN085118.D
 Acq: 06 Dec 2024 10:26

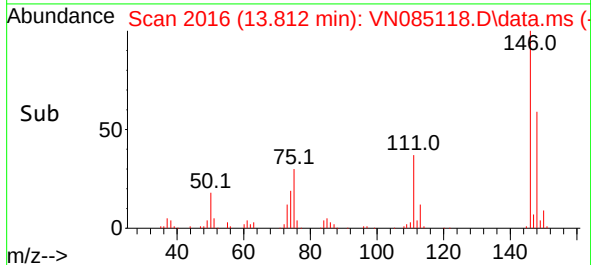
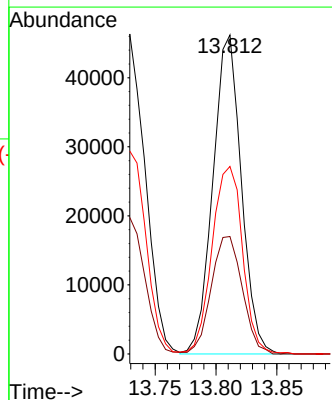
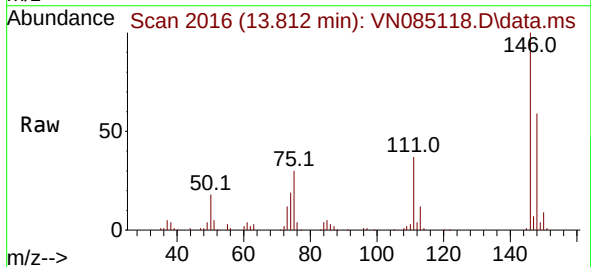
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

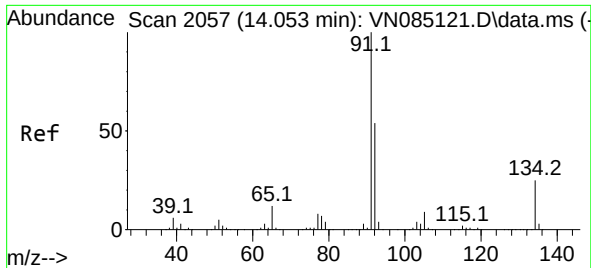
Tgt Ion:146 Resp: 77464
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.1 63.3
 148 63.5 31.8 95.3



#84
 1,4-Dichlorobenzene
 Concen: 19.156 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN085118.D
 Acq: 06 Dec 2024 10:26

Tgt Ion:146 Resp: 75083
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.1 60.3
 148 63.1 31.6 94.7

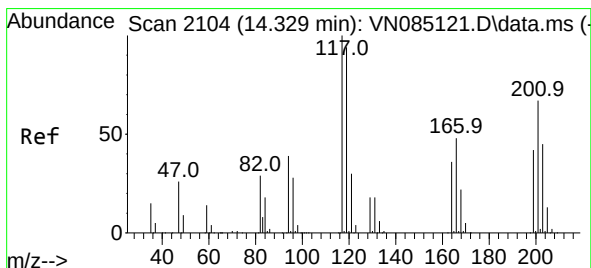
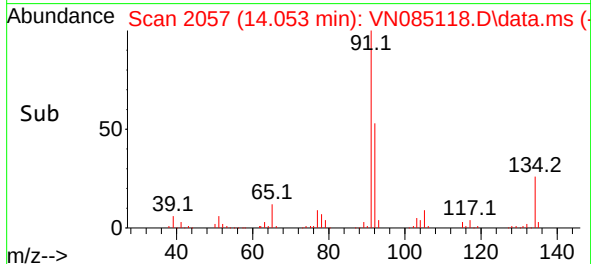
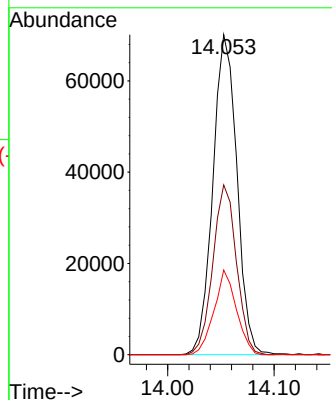
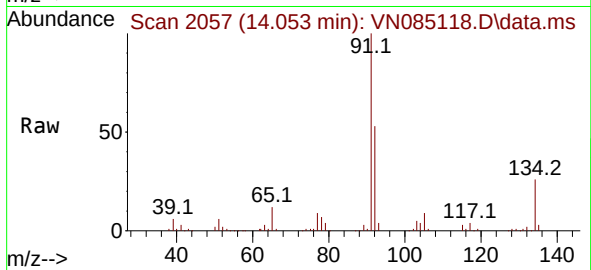




#85
n-Butylbenzene
Concen: 18.049 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

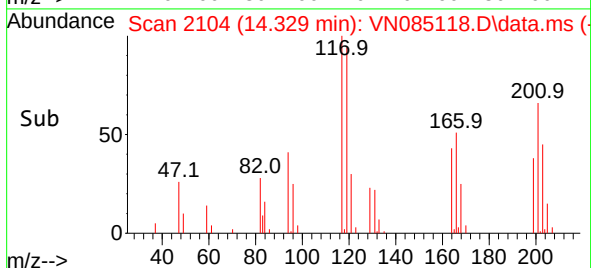
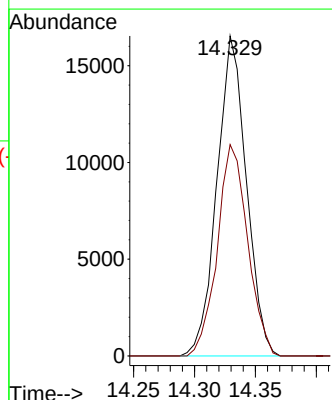
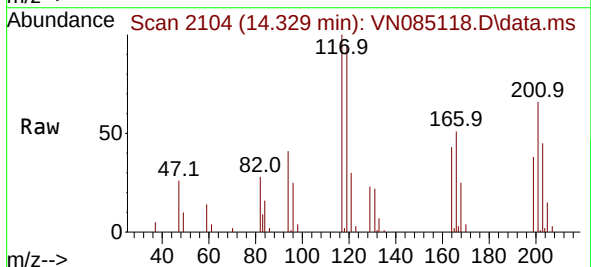
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

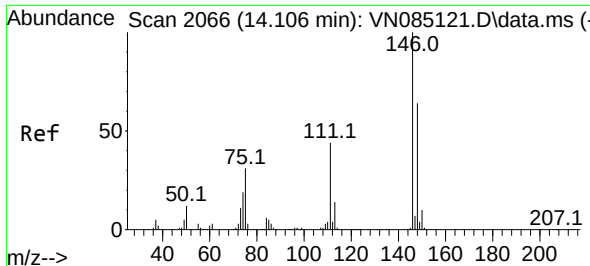
Tgt Ion: 91 Resp: 109819
Ion Ratio Lower Upper
91 100
92 52.0 0.0 104.0
134 24.6 0.0 49.2



#86
Hexachloroethane
Concen: 19.248 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

Tgt Ion: 117 Resp: 27795
Ion Ratio Lower Upper
117 100
201 68.2 34.1 102.3





#87

1,2-Dichlorobenzene

Concen: 19.228 ug/l

RT: 14.100 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN085118.D

Acq: 06 Dec 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

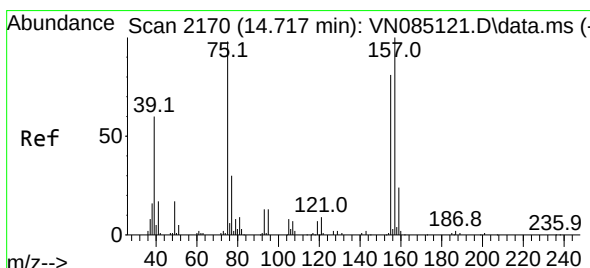
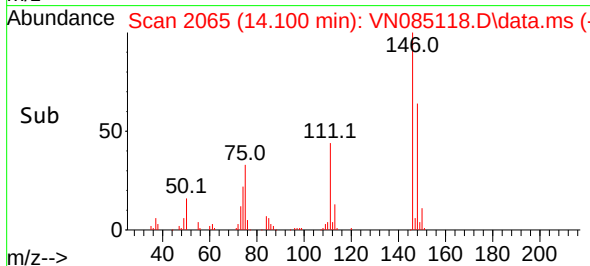
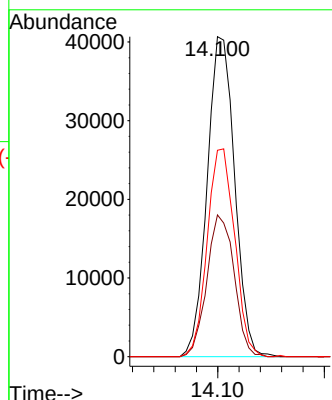
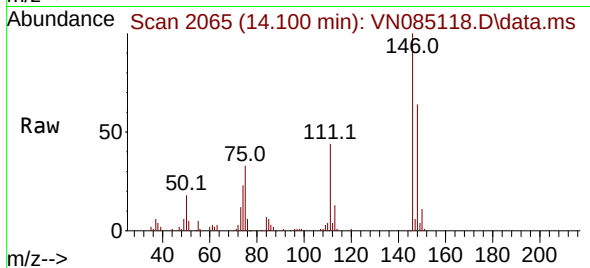
Tgt Ion:146 Resp: 72993

Ion Ratio Lower Upper

146 100

111 43.8 21.9 65.7

148 64.7 32.4 97.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.634 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VN085118.D

Acq: 06 Dec 2024 10:26

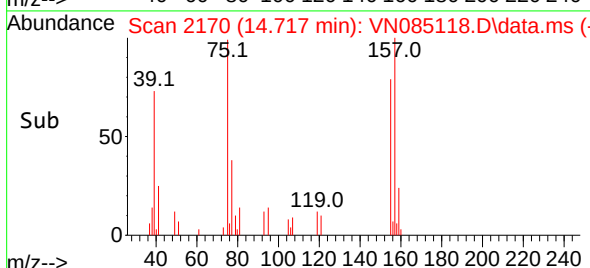
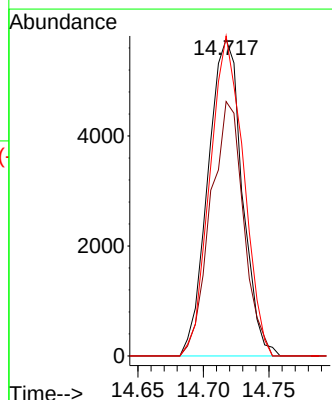
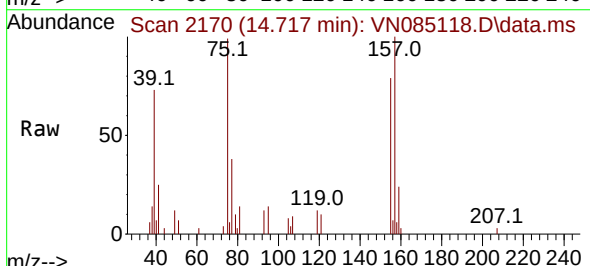
Tgt Ion: 75 Resp: 10448

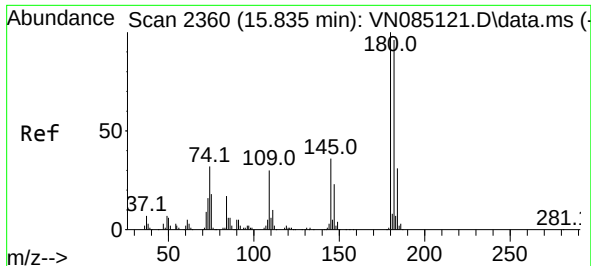
Ion Ratio Lower Upper

75 100

155 77.6 62.1 93.1

157 99.1 79.3 118.9

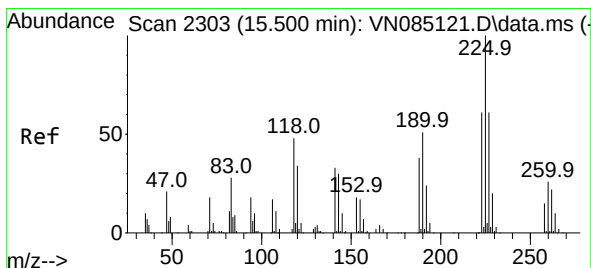
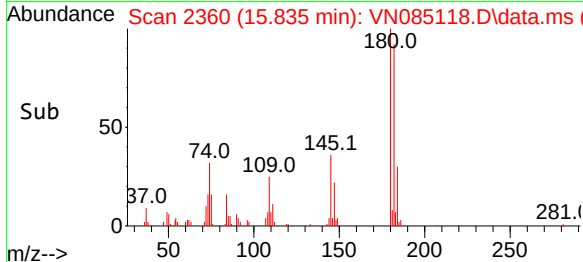
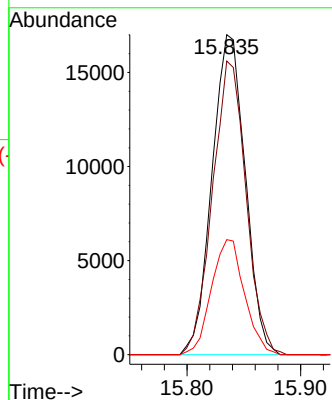
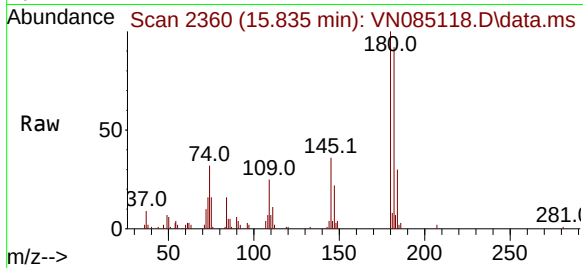




#89
1,2,4-Trichlorobenzene
Concen: 18.598 ug/l
RT: 15.835 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

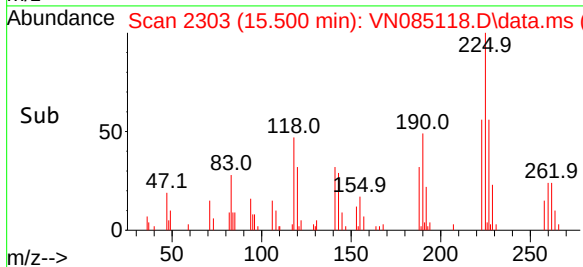
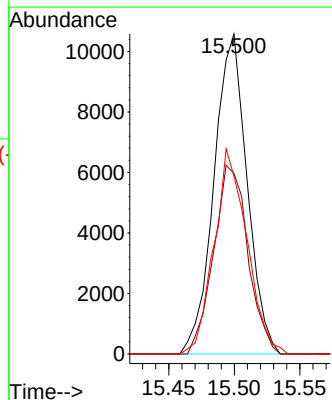
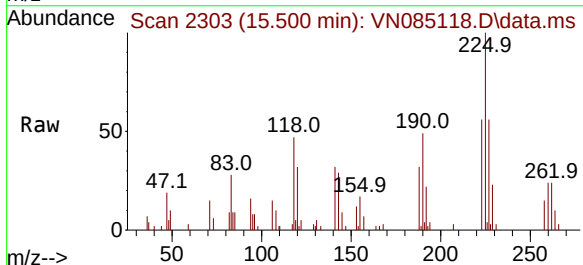
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

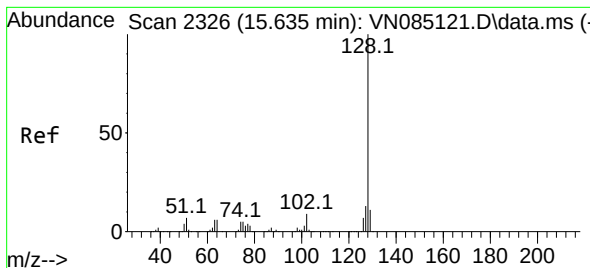
Tgt Ion:180 Resp: 34577
Ion Ratio Lower Upper
180 100
182 92.5 74.0 111.0
145 35.8 28.6 43.0



#90
Hexachlorobutadiene
Concen: 19.222 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN085118.D
Acq: 06 Dec 2024 10:26

Tgt Ion:225 Resp: 18570
Ion Ratio Lower Upper
225 100
223 60.9 0.0 121.8
227 63.4 0.0 126.8





#91

Naphthalene

Concen: 17.011 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN085118.D

Acq: 06 Dec 2024 10:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

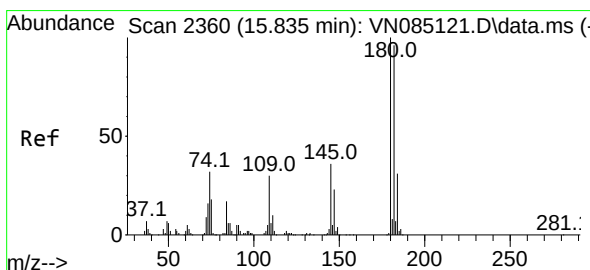
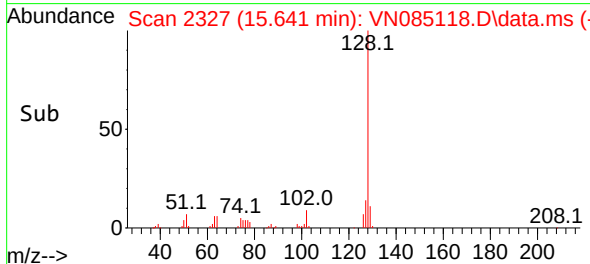
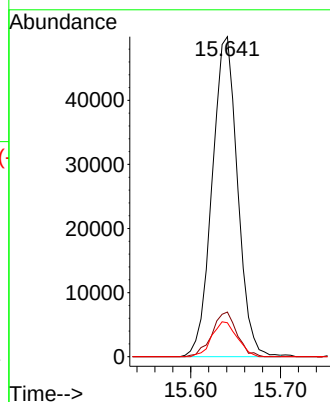
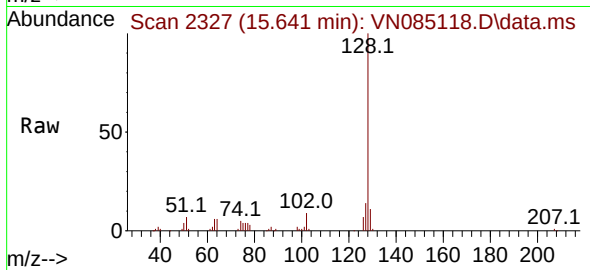
Tgt Ion:128 Resp: 98254

Ion Ratio Lower Upper

128 100

127 13.7 11.0 16.4

129 10.9 8.7 13.1



#92

1,2,3-Trichlorobenzene

Concen: 18.598 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085118.D

Acq: 06 Dec 2024 10:26

Tgt Ion:180 Resp: 34577

Ion Ratio Lower Upper

180 100

182 92.5 0.0 185.0

145 35.8 0.0 71.6

