

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120624\
 Data File : VN085123.D
 Acq On : 06 Dec 2024 12:28
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN120624

Quant Time: Dec 06 23:06:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N120624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 06 22:50:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	34320	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	185717	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	167596	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	80315	29.493	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.300%		
60) 4-Bromofluorobenzene	12.847	95	85871	30.966	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	103.233%		
63) Toluene-d8	10.565	98	238389	30.323	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.067%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	60791	22.140	ug/l	99
3) Chloromethane	2.359	50	54189	22.297	ug/l	94
4) Vinyl Chloride	2.512	62	53524	21.532	ug/l	96
5) Bromomethane	2.965	94	37678	23.874	ug/l	100
6) Chloroethane	3.124	64	34096	22.326	ug/l	96
7) Trichlorofluoromethane	3.500	101	88313	21.704	ug/l	97
8) Diethyl Ether	3.959	74	28800	22.346	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	50308	22.109	ug/l	97
10) 1,1-Dichloroethene	4.342	96	45812	21.919	ug/l	98
11) Methyl Iodide	4.589	142	63446	21.887	ug/l	96
12) Methyl Acetate	5.018	43	53958	21.883	ug/l	91
13) Acrolein	4.177	56	29807	83.185	ug/l	97
14) Acrylonitrile	5.718	53	111980	109.372	ug/l	96
15) Acetone	4.424	58	29118	104.948	ug/l	97
16) Carbon Disulfide	4.712	76	137866	22.068	ug/l	97
17) Allyl chloride	5.024	41	65461	21.888	ug/l	94
18) Methylene Chloride	5.283	84	49652	20.936	ug/l	94
19) trans-1,2-Dichloroethene	5.783	96	47495	21.862	ug/l	96
20) Diisopropyl ether	6.665	45	143427	21.853	ug/l	98
21) 1,1-Dichloroethane	6.565	63	88356	21.811	ug/l #	97
22) cis-1,2-Dichloroethene	7.488	96	56787	22.742	ug/l	98
23) tert-Butyl Alcohol	5.512	59	41094	111.884	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	145319	22.254	ug/l #	76
25) Chloroform	7.965	83	91959	21.669	ug/l	96
26) Cyclohexane	8.259	56	75227	22.553	ug/l	97
29) 1,1-Dichloropropene	8.371	75	65505	21.858	ug/l	99
30) 2-Butanone	7.483	43	147216	107.048	ug/l	98
31) 2,2-Dichloropropane	7.488	77	82584	21.490	ug/l #	100
32) 1,1,1-Trichloroethane	8.165	97	86299	21.275	ug/l	99
33) Carbon Tetrachloride	8.359	117	76333	20.855	ug/l	95
34) Benzene	8.606	78	199228	21.162	ug/l	94
35) Methacrylonitrile	7.771	41	34766	22.464	ug/l	97
36) 1,2-Dichloroethane	8.665	62	68920	21.505	ug/l	100
37) Trichloroethene	9.347	130	48331	21.558	ug/l	92
38) Methylcyclohexane	9.600	83	71750	22.020	ug/l	95
39) 1,2-Dichloropropane	9.618	63	47583	20.867	ug/l	94
40) Dibromomethane	9.712	93	34556	21.127	ug/l	98
41) Bromodichloromethane	9.888	83	73839	21.117	ug/l	94
42) Vinyl Acetate	6.600	43	554646	115.256	ug/l	98

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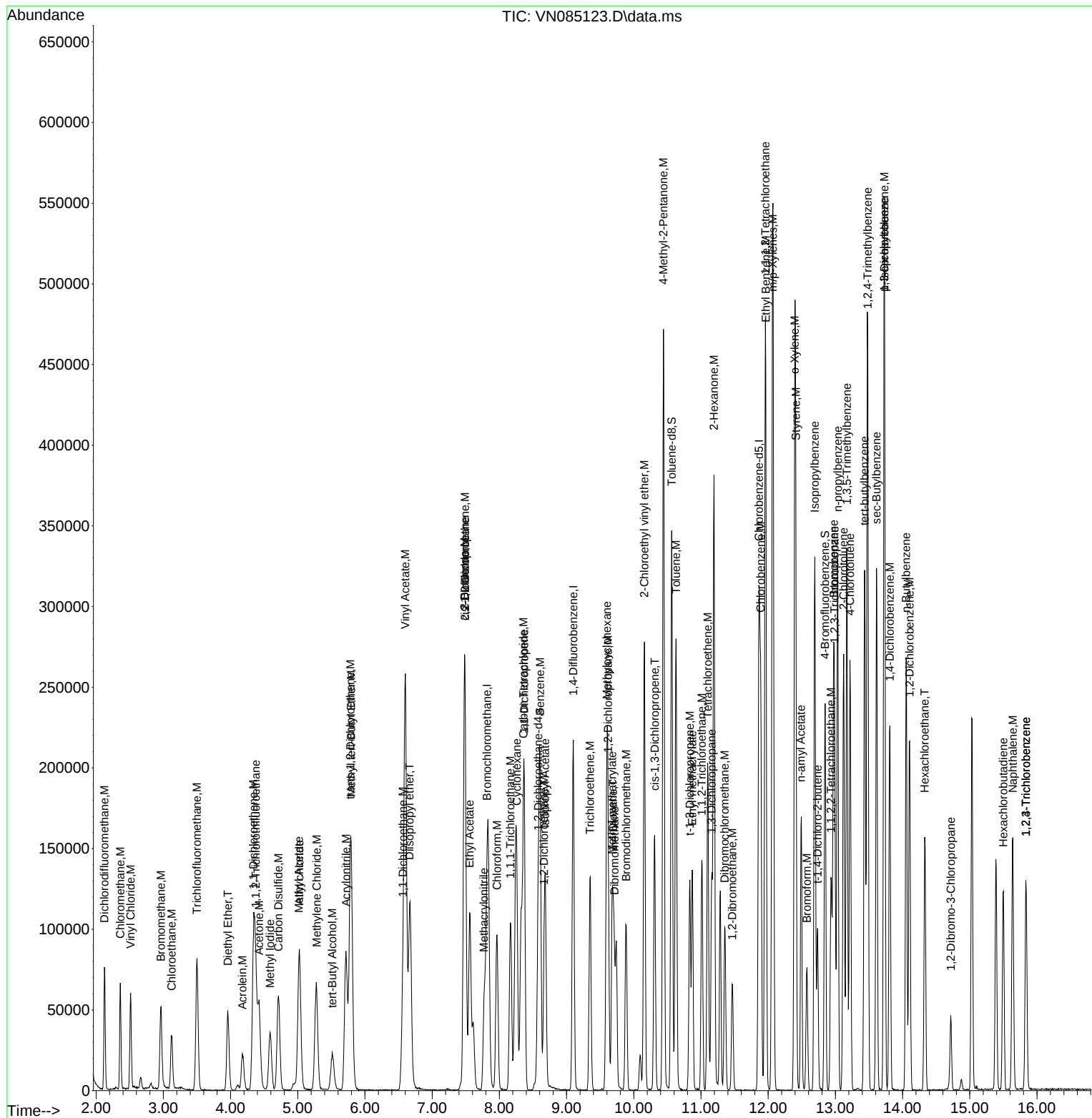
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43) Ethyl Acetate	7.559	43	62407	22.807	ug/l	93
44) Isopropyl Acetate	8.682	43	103521	21.770	ug/l	100
45) 1,4-Dioxane	9.694	88	17346	437.438	ug/l	96
46) Methyl methacrylate	9.677	41	47854	21.989	ug/l	96
47) n-amyl Acetate	12.488	43	87700	21.920	ug/l	97
48) t-1,3-Dichloropropene	10.835	75	72633	21.161	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	79711	21.333	ug/l	98
50) 1,1,2-Trichloroethane	11.012	97	47258	21.441	ug/l	95
51) Ethyl methacrylate	10.871	69	74129	22.113	ug/l	97
52) 1,3-Dichloropropane	11.159	76	79252	21.486	ug/l	99
53) Dibromochloromethane	11.353	129	55601	20.701	ug/l	93
54) 1,2-Dibromoethane	11.465	107	47513	21.396	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	120953	77.670	ug/l	99
56) Bromoform	12.576	173	37077	20.588	ug/l	96
58) 4-Methyl-2-Pentanone	10.441	43	305762	111.787	ug/l	99
59) 2-Hexanone	11.194	43	233377	112.607	ug/l	98
61) Tetrachloroethene	11.100	164	45248	22.294	ug/l	95
62) Toluene	10.629	91	214790	21.975	ug/l	99
64) Chlorobenzene	11.888	112	133437	22.112	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.959	131	48941	21.725	ug/l	98
66) Ethyl Benzene	11.965	91	231289	22.300	ug/l	96
67) m/p-Xylenes	12.070	106	182990	45.872	ug/l	99
68) o-Xylene	12.394	106	84266	22.492	ug/l	99
69) Styrene	12.412	104	145082	22.822	ug/l	99
70) Isopropylbenzene	12.694	105	217804	22.540	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	65321	22.210	ug/l	98
72) 1,2,3-Trichloropropane	12.988	75	85676	29.489	ug/l	75
73) Bromobenzene	12.976	156	53832	22.241	ug/l	99
74) n-propylbenzene	13.035	91	261027	22.470	ug/l	99
75) 2-Chlorotoluene	13.123	91	161221	22.446	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	189105	22.843	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	22735	21.535	ug/l	99
78) 4-Chlorotoluene	13.217	91	163711	22.456	ug/l	100
79) tert-butylbenzene	13.435	119	152793	22.471	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	188016	22.992	ug/l	100
81) sec-Butylbenzene	13.612	105	221463	22.925	ug/l	99
82) p-Isopropyltoluene	13.729	119	181815	22.702	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	96640	21.763	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	98028	22.651	ug/l	99
85) n-Butylbenzene	14.053	91	148587	22.118	ug/l	98
86) Hexachloroethane	14.329	117	34505	21.642	ug/l	97
87) 1,2-Dichlorobenzene	14.106	146	92278	22.016	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	12928	22.003	ug/l	98
89) 1,2,4-Trichlorobenzene	15.835	180	47265	23.026	ug/l	97
90) Hexachlorobutadiene	15.500	225	24662	23.121	ug/l	98
91) Naphthalene	15.641	128	145950	22.886	ug/l	98
92) 1,2,3-Trichlorobenzene	15.835	180	47265	23.026	ug/l	97

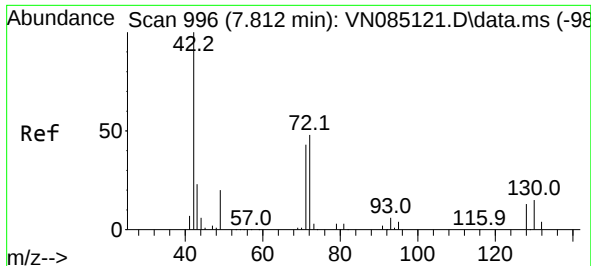
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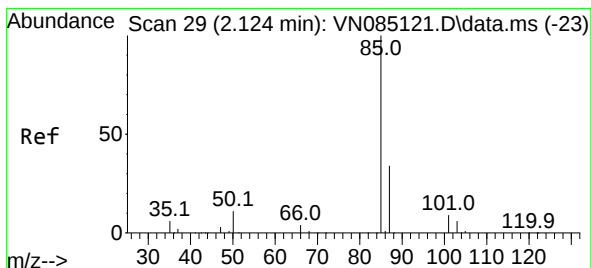
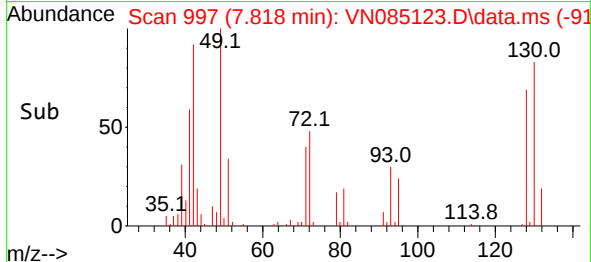
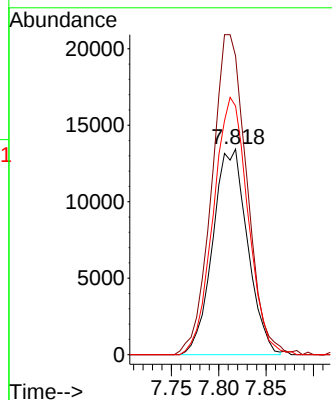
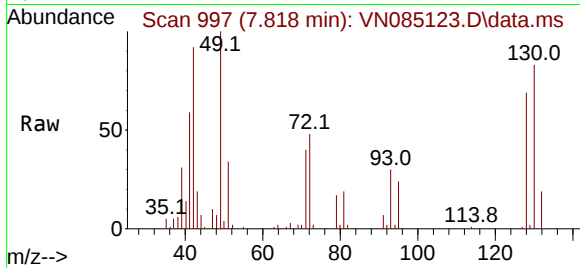




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN085123.D
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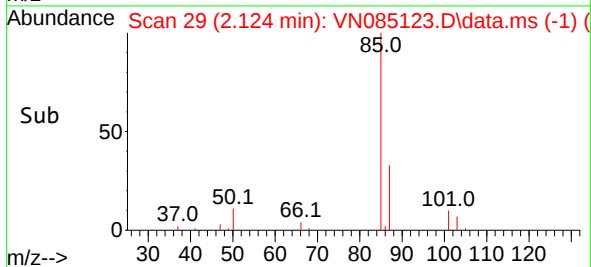
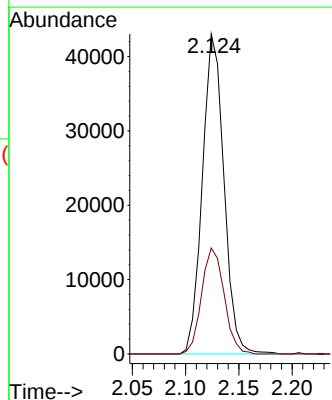
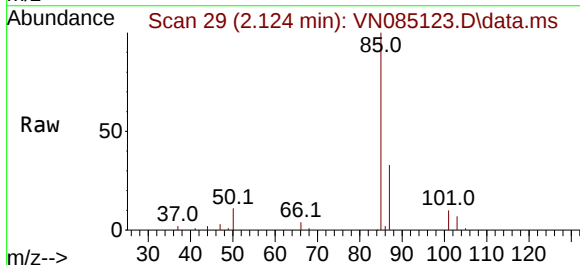
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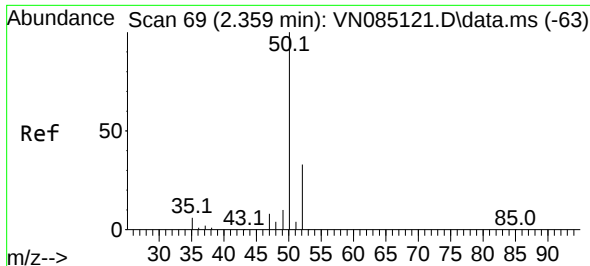
Tgt Ion:128 Resp: 34320
Ion Ratio Lower Upper
128 100
49 156.1 0.0 394.5
130 124.9 0.0 316.5



#2
Dichlorodifluoromethane
Concen: 22.140 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

Tgt Ion: 85 Resp: 60791
Ion Ratio Lower Upper
85 100
87 33.1 16.8 50.3

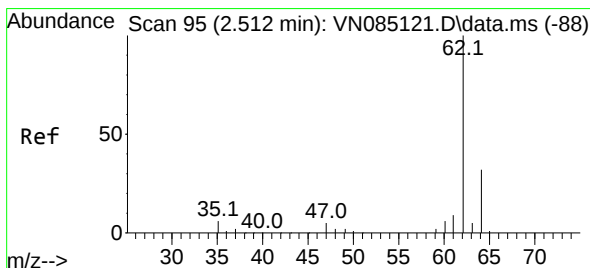
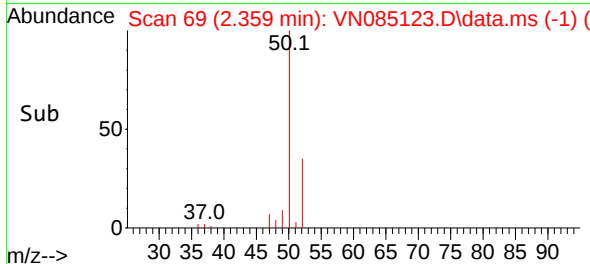
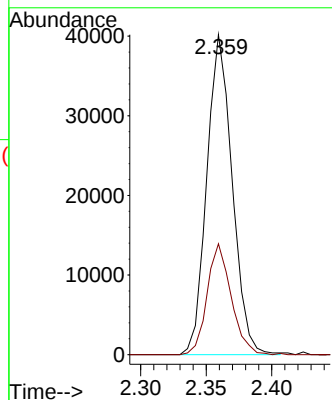
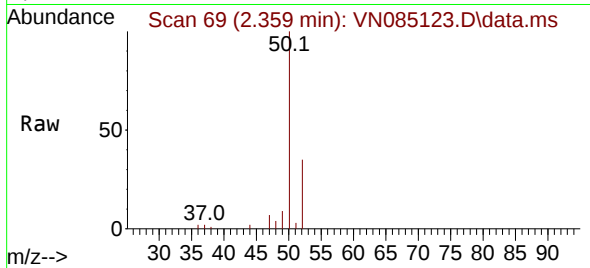




#3
Chloromethane
Concen: 22.297 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

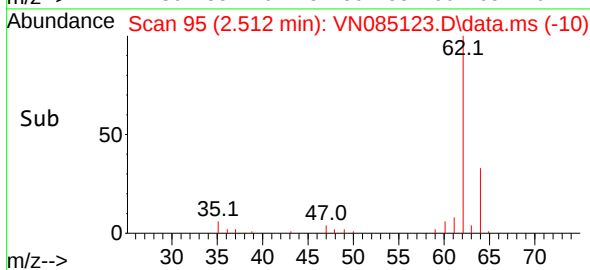
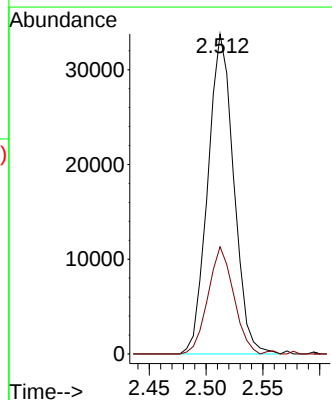
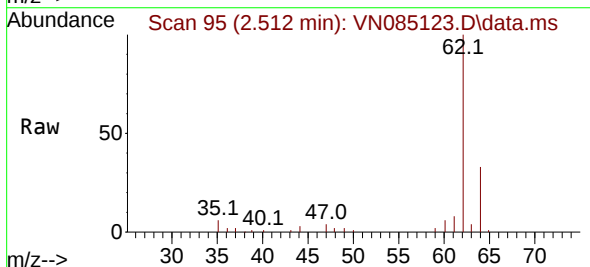
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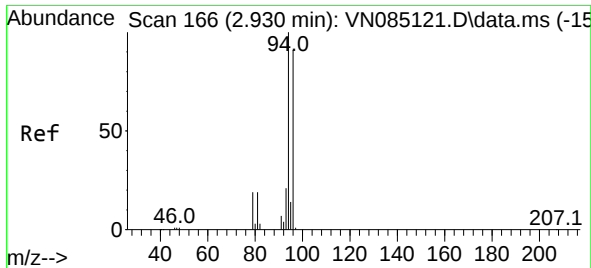
Tgt Ion: 50 Resp: 54189
Ion Ratio Lower Upper
50 100
52 34.7 25.0 37.4



#4
Vinyl Chloride
Concen: 21.532 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

Tgt Ion: 62 Resp: 53524
Ion Ratio Lower Upper
62 100
64 33.5 24.9 37.3

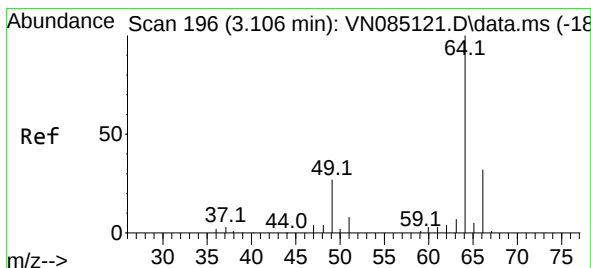
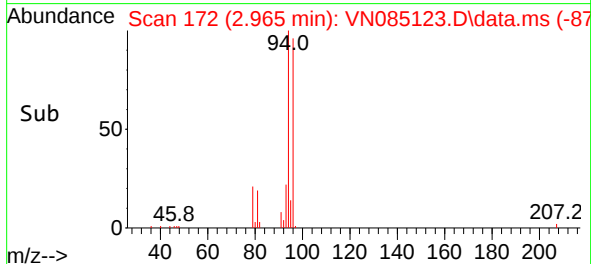
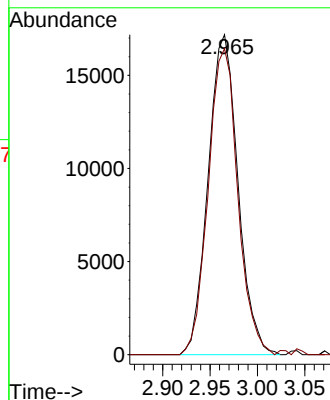
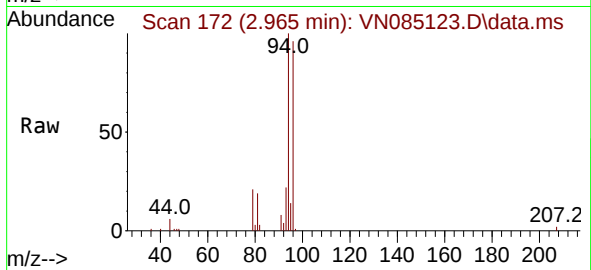




#5
Bromomethane
Concen: 23.874 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

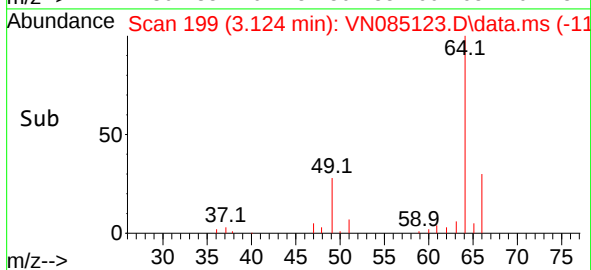
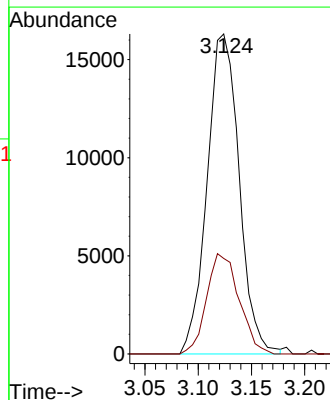
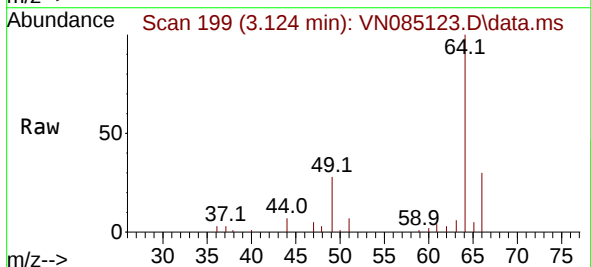
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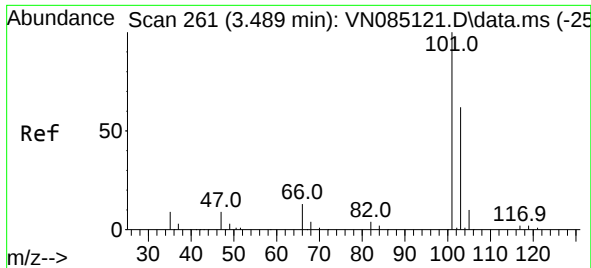
Tgt Ion: 94 Resp: 37678
Ion Ratio Lower Upper
94 100
96 95.7 76.2 114.4



#6
Chloroethane
Concen: 22.326 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

Tgt Ion: 64 Resp: 34096
Ion Ratio Lower Upper
64 100
66 29.9 25.5 38.3

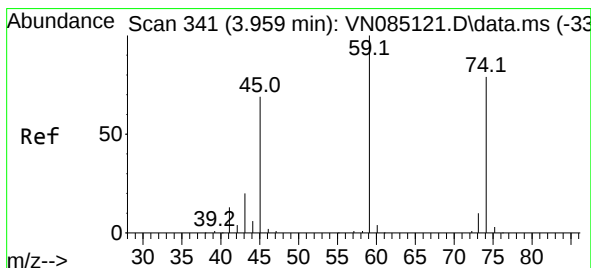
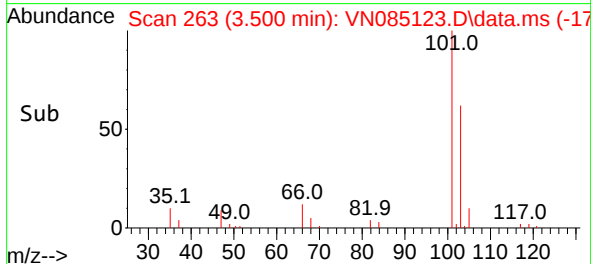
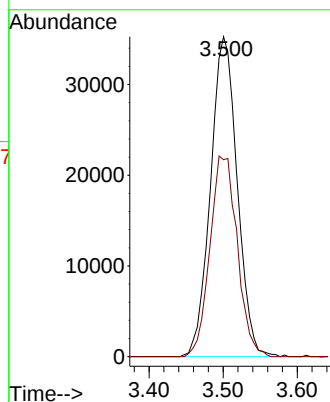
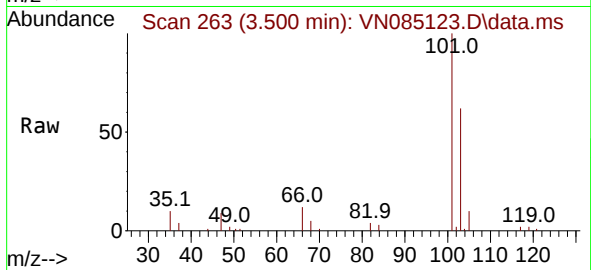




#7
Trichlorofluoromethane
Concen: 21.704 ug/l
RT: 3.500 min Scan# 261
Delta R.T. 0.000 min
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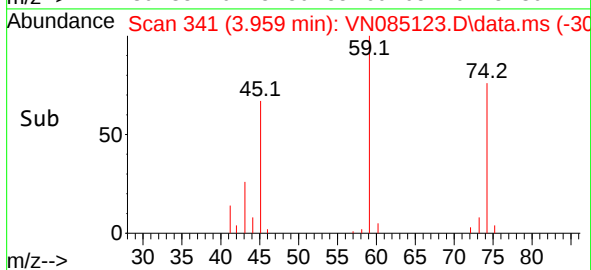
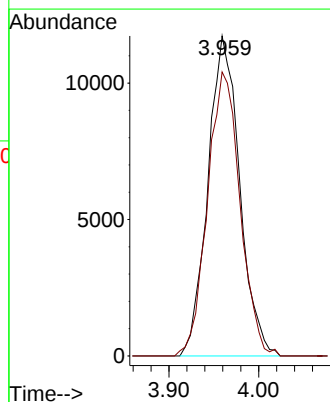
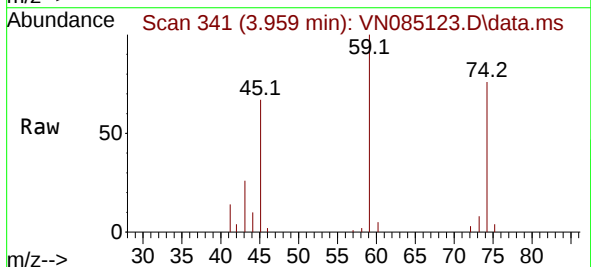
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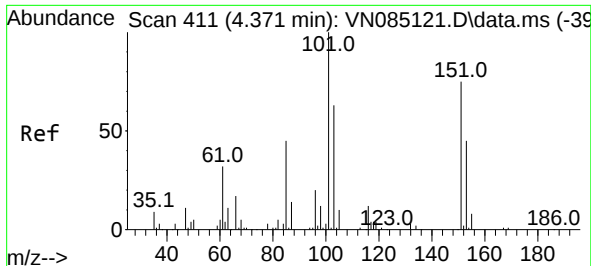
Tgt Ion:101 Resp: 88313
Ion Ratio Lower Upper
101 100
103 61.6 51.3 76.9



#8
Diethyl Ether
Concen: 22.346 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

Tgt Ion: 74 Resp: 28800
Ion Ratio Lower Upper
74 100
45 90.7 18.6 167.8

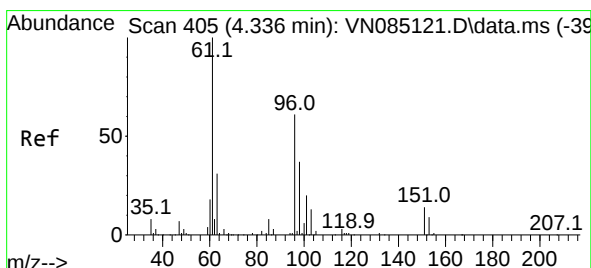
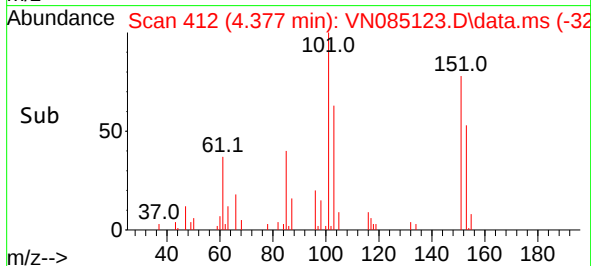
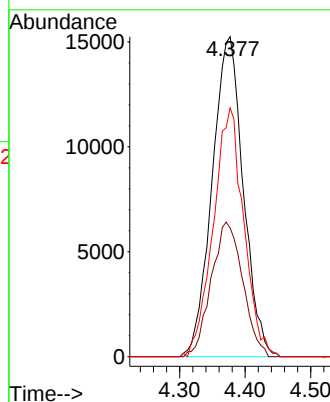
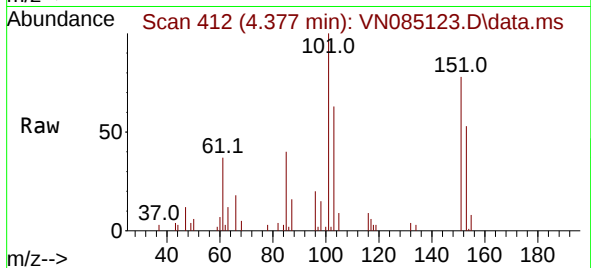




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.109 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085123.D
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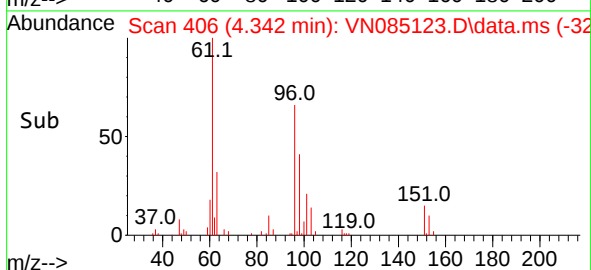
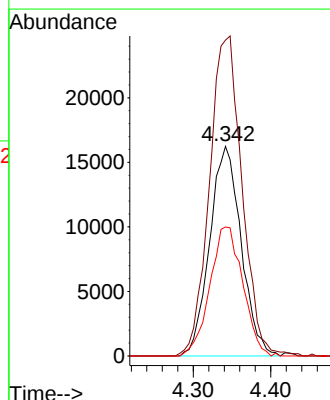
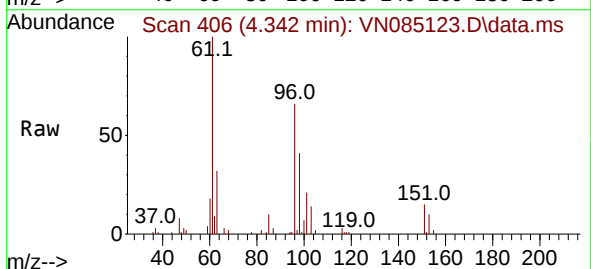
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ICVVN120624

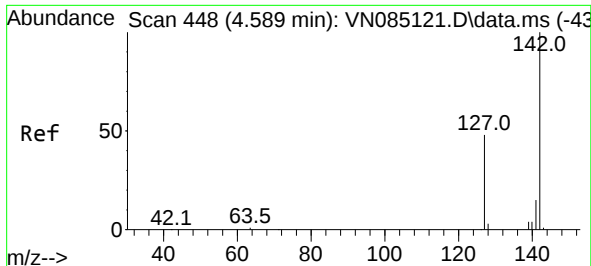
Tgt Ion:101 Resp: 50308
Ion Ratio Lower Upper
101 100
85 42.5 0.0 88.6
151 75.8 0.0 155.8



#10
1,1-Dichloroethene
Concen: 21.919 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

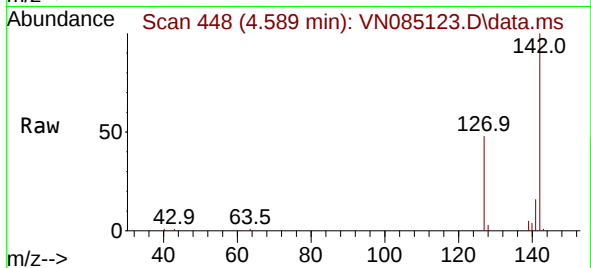
Tgt Ion: 96 Resp: 45812
Ion Ratio Lower Upper
96 100
61 149.4 123.0 184.4
98 61.5 49.1 73.7



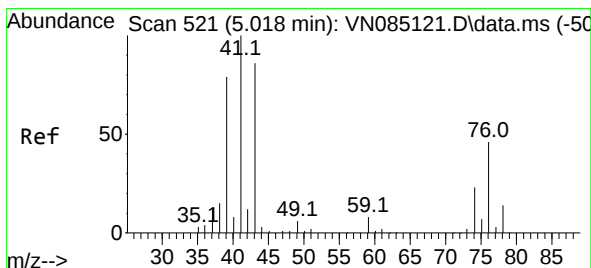
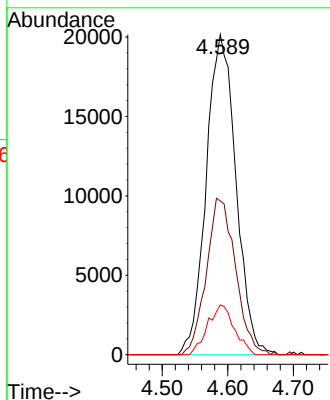
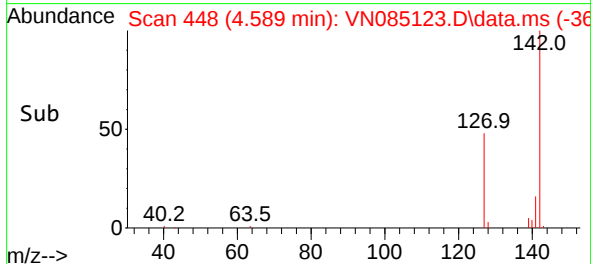


#11
Methyl Iodide
Concen: 21.887 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120624

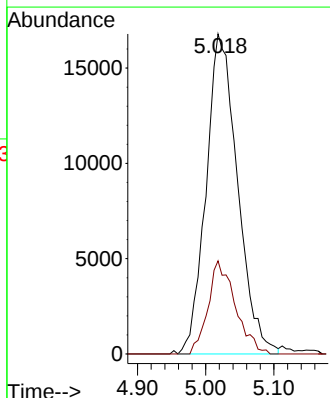
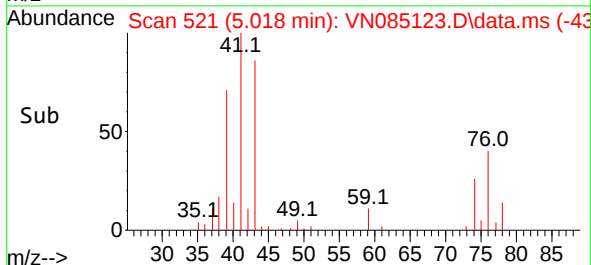
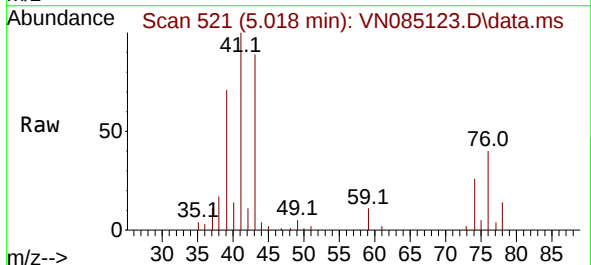


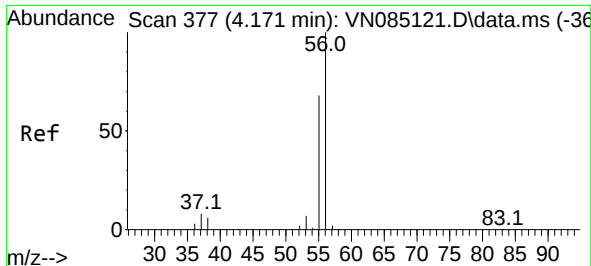
Tgt Ion:142 Resp: 63446
Ion Ratio Lower Upper
142 100
127 48.1 22.5 67.5
141 15.5 8.3 24.9



#12
Methyl Acetate
Concen: 21.883 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

Tgt Ion: 43 Resp: 53958
Ion Ratio Lower Upper
43 100
74 29.3 19.8 29.6





#13

Acrolein

Concen: 83.185 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN085123.D

Acq: 06 Dec 2024 12:28

Instrument :

MSVOA_N

ClientSampleId :

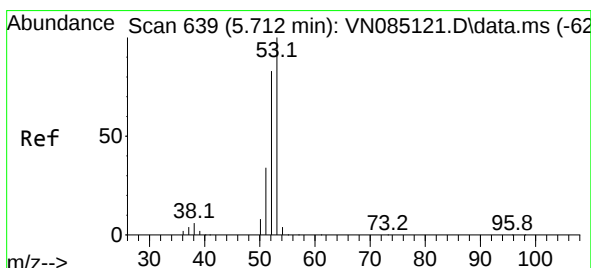
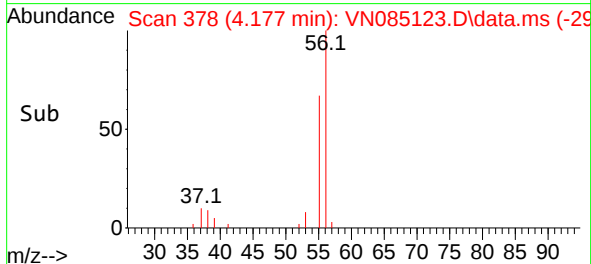
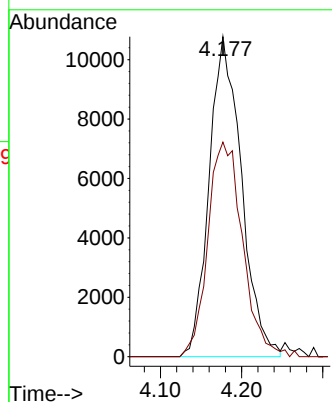
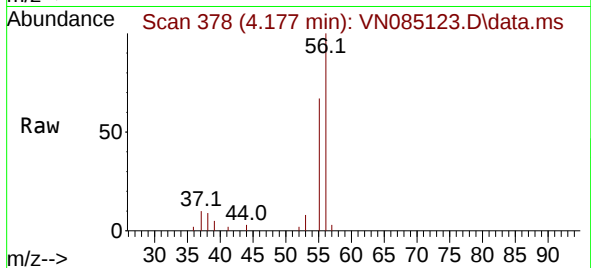
ICVVN120624

Tgt Ion: 56 Resp: 29807

Ion Ratio Lower Upper

56 100

55 71.6 59.4 89.0



#14

Acrylonitrile

Concen: 109.372 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.000 min

Lab File: VN085123.D

Acq: 06 Dec 2024 12:28

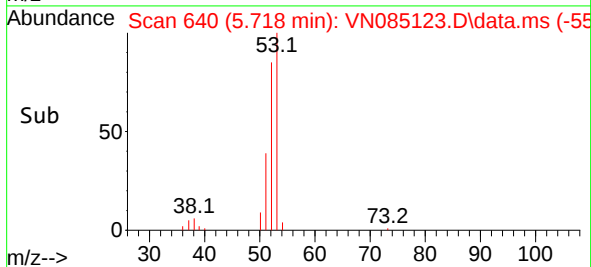
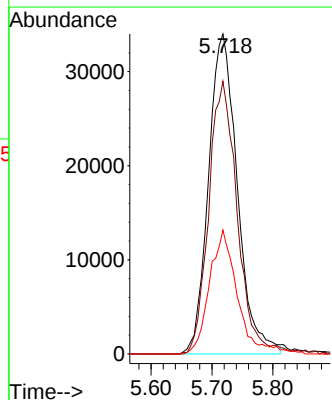
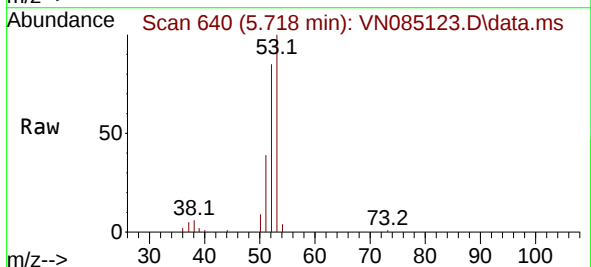
Tgt Ion: 53 Resp: 111980

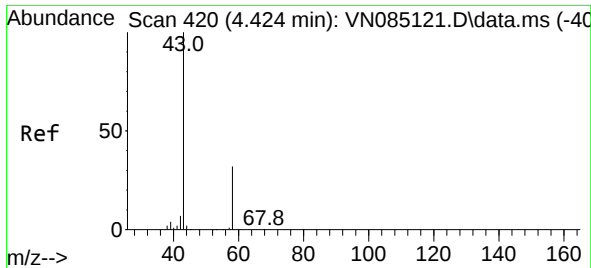
Ion Ratio Lower Upper

53 100

52 82.8 42.9 128.5

51 37.5 17.2 51.5

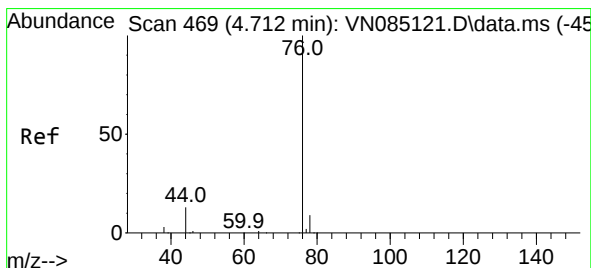
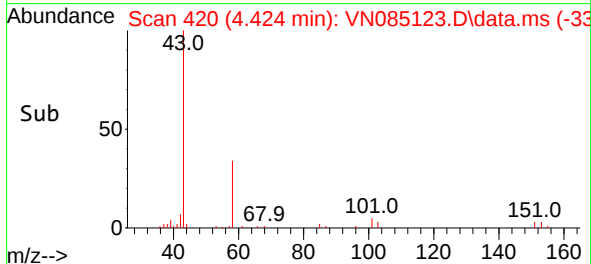
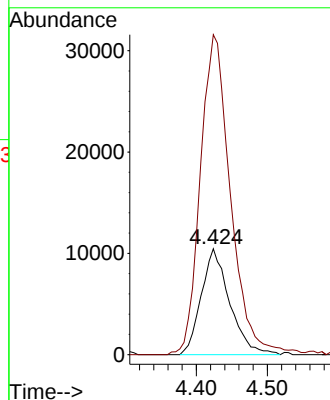
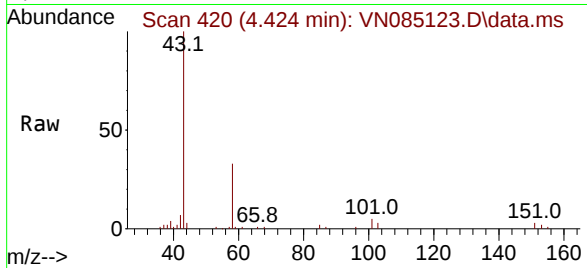




#15
Acetone
Concen: 104.948 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

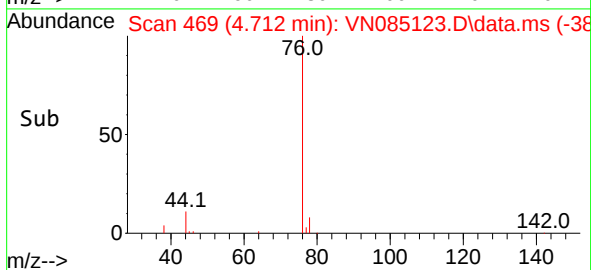
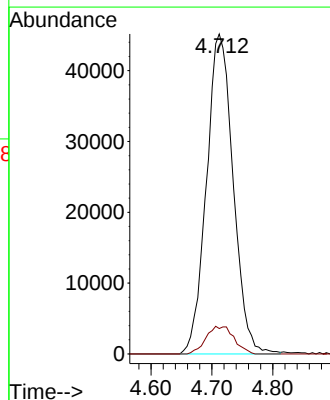
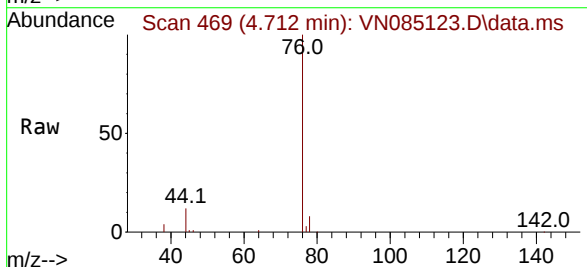
Instrument :
MSVOA_N
ClientSampleId :
ICVVN120624

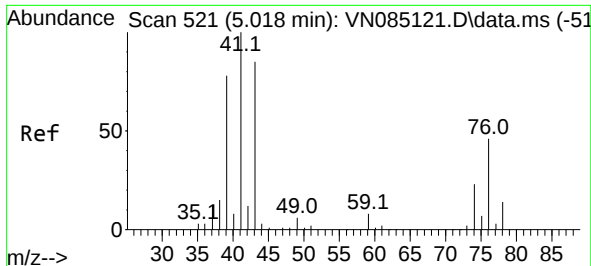
Tgt Ion: 58 Resp: 29118
Ion Ratio Lower Upper
58 100
43 296.9 242.3 363.5



#16
Carbon Disulfide
Concen: 22.068 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

Tgt Ion: 76 Resp: 137866
Ion Ratio Lower Upper
76 100
78 7.9 7.1 10.7





#17

Allyl chloride

Concen: 21.888 ug/l

RT: 5.024 min Scan# 51

Delta R.T. 0.000 min

Lab File: VN085123.D

Acq: 06 Dec 2024 12:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN120624

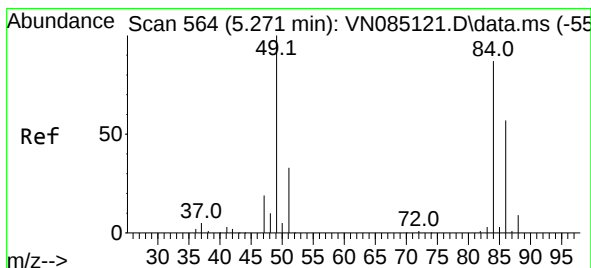
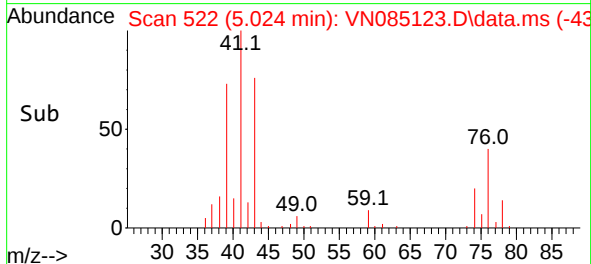
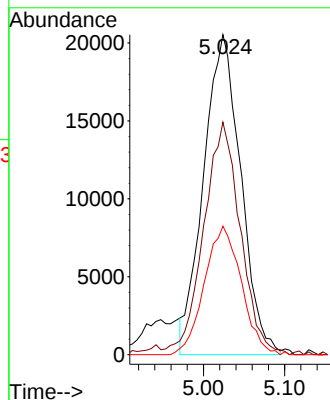
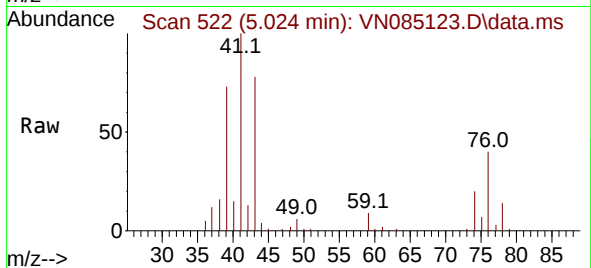
Tgt Ion: 41 Resp: 65461

Ion Ratio Lower Upper

41 100

39 71.9 32.0 96.2

76 40.6 20.2 60.5



#18

Methylene Chloride

Concen: 20.936 ug/l

RT: 5.283 min Scan# 566

Delta R.T. 0.012 min

Lab File: VN085123.D

Acq: 06 Dec 2024 12:28

Tgt Ion: 84 Resp: 49652

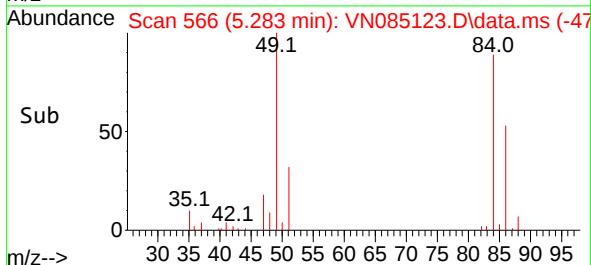
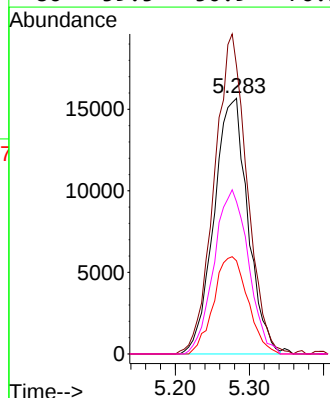
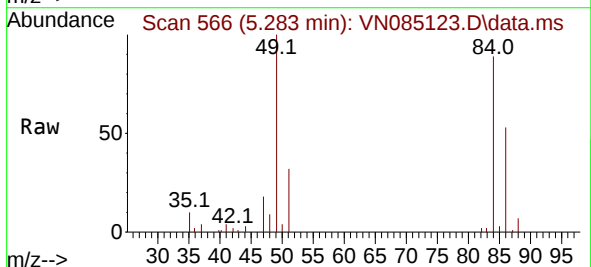
Ion Ratio Lower Upper

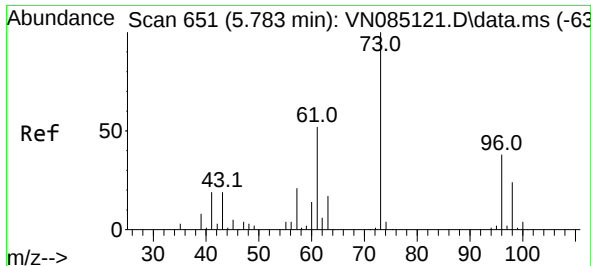
84 100

49 111.4 95.1 142.7

51 36.4 27.4 41.0

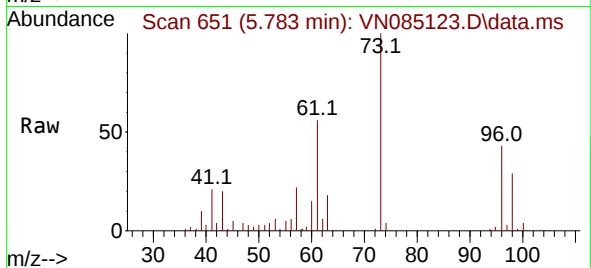
86 59.5 50.9 76.3





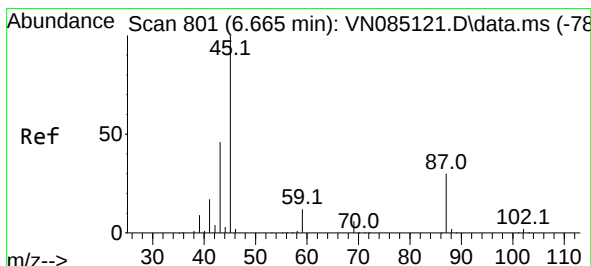
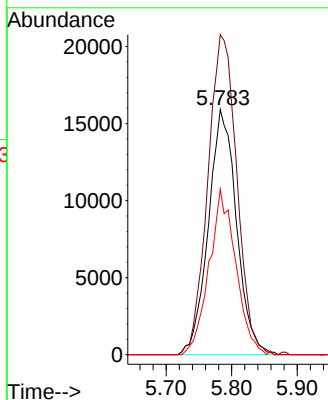
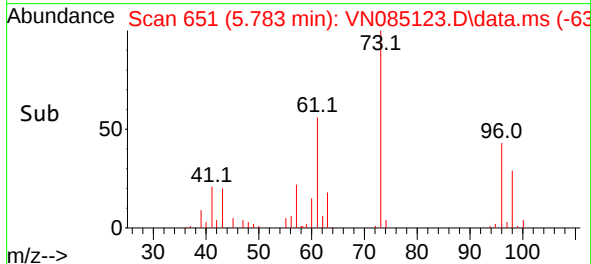
#19
trans-1,2-Dichloroethene
Concen: 21.862 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120624



Tgt Ion: 96 Resp: 47495

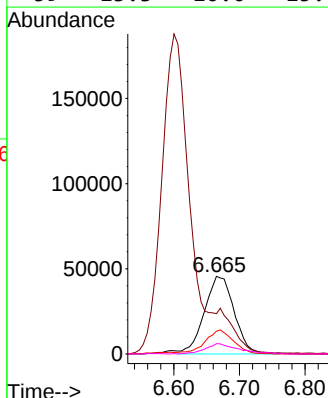
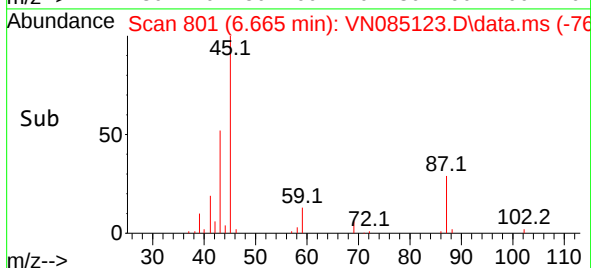
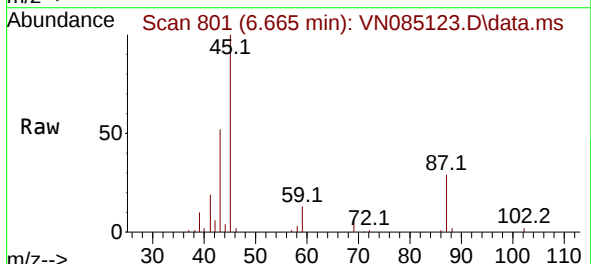
Ion	Ratio	Lower	Upper
96	100		
61	130.6	100.4	150.6
98	67.5	52.6	79.0

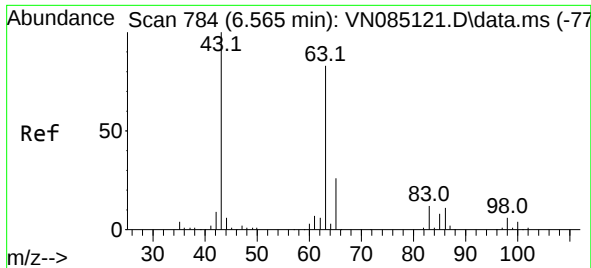


#20
Diisopropyl ether
Concen: 21.853 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

Tgt Ion: 45 Resp: 143427

Ion	Ratio	Lower	Upper
45	100		
43	50.6	41.9	62.9
87	29.5	24.1	36.1
59	13.3	10.0	15.0

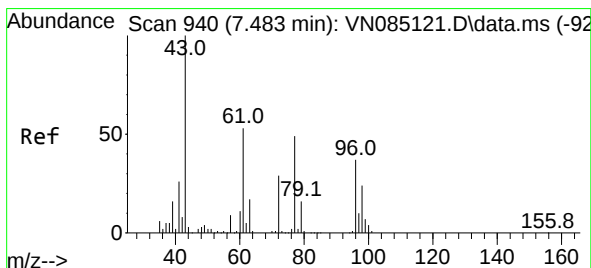
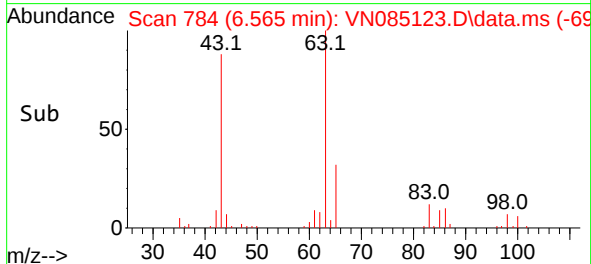
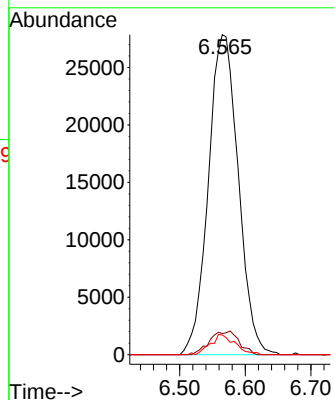
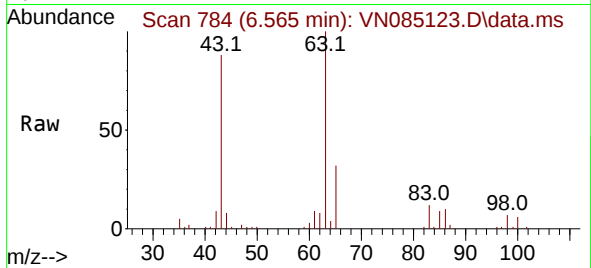




#21
1,1-Dichloroethane
Concen: 21.811 ug/l
RT: 6.565 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

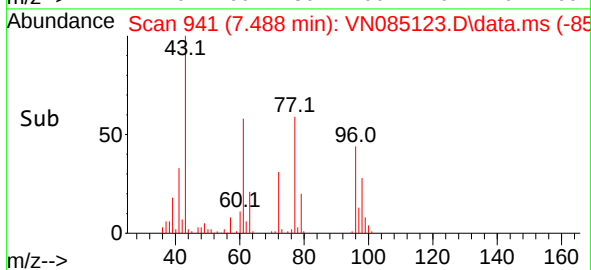
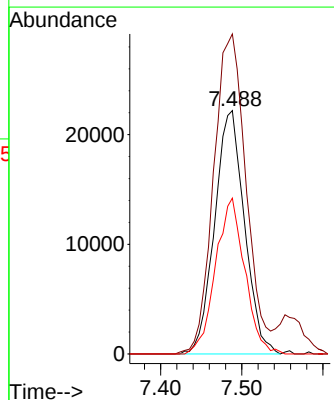
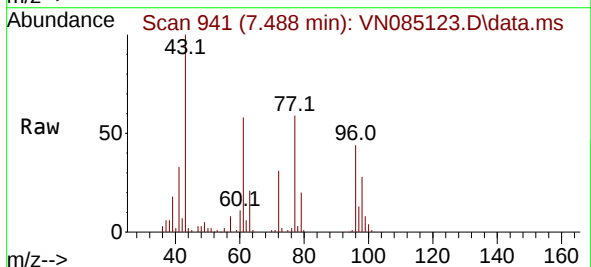
Instrument :
MSVOA_N
ClientSampleId :
ICVVN120624

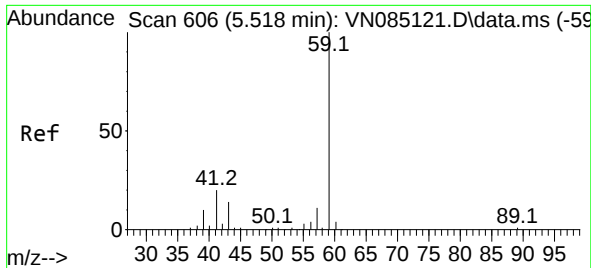
Tgt Ion: 63 Resp: 88356
Ion Ratio Lower Upper
63 100
98 6.6 3.5 10.4
100 6.1 1.6 4.8#



#22
cis-1,2-Dichloroethene
Concen: 22.742 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

Tgt Ion: 96 Resp: 56787
Ion Ratio Lower Upper
96 100
61 142.2 115.9 173.9
98 62.3 51.8 77.8

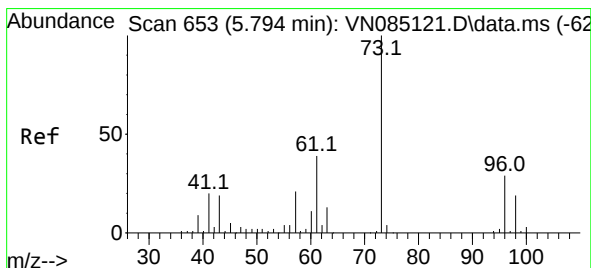
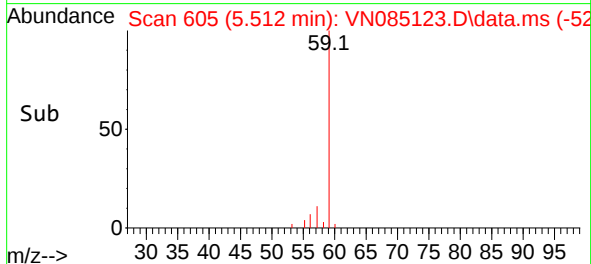
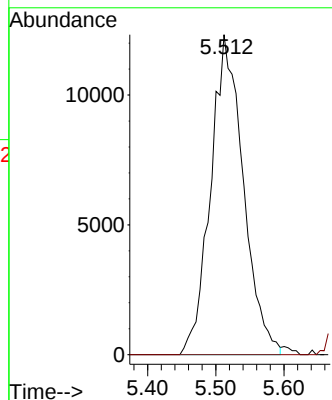
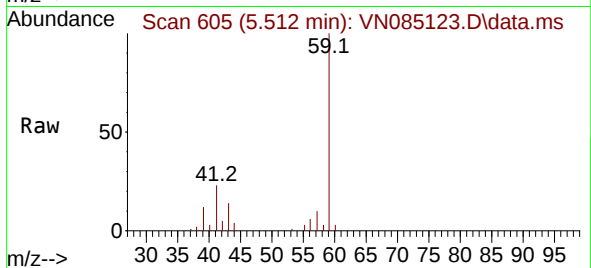




#23
tert-Butyl Alcohol
Concen: 111.884 ug/l
RT: 5.512 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

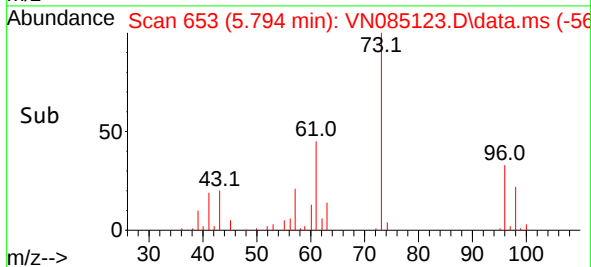
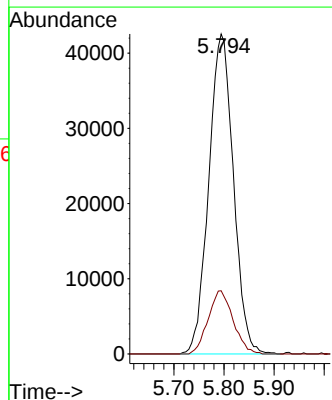
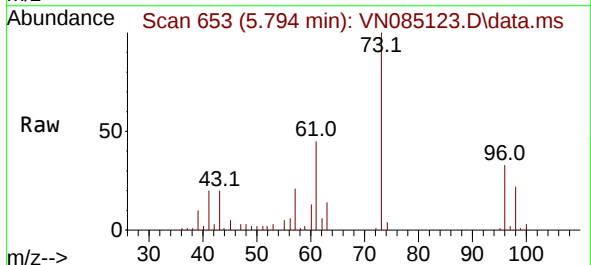
Instrument :
MSVOA_N
ClientSampleId :
ICVVN120624

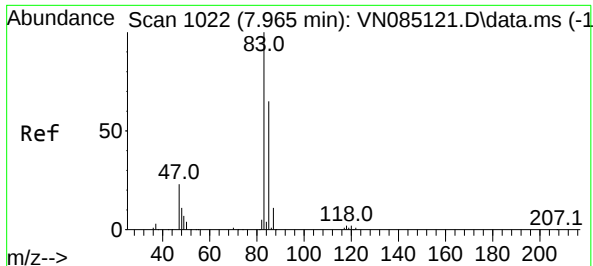
Tgt Ion: 59 Resp: 41094
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 22.254 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

Tgt Ion: 73 Resp: 145319
Ion Ratio Lower Upper
73 100
43 20.0 8.7 13.1#





#25

Chloroform

Concen: 21.669 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN085123.D

Acq: 06 Dec 2024 12:28

Instrument :

MSVOA_N

ClientSampleId :

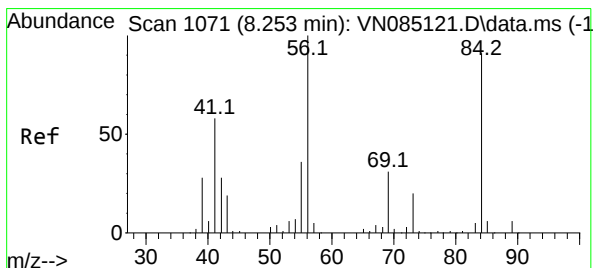
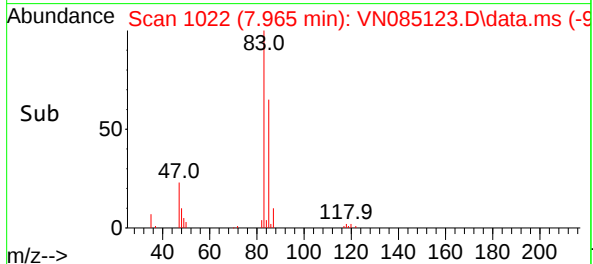
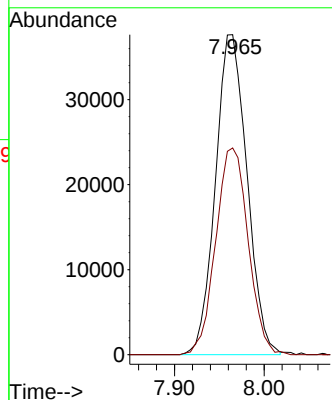
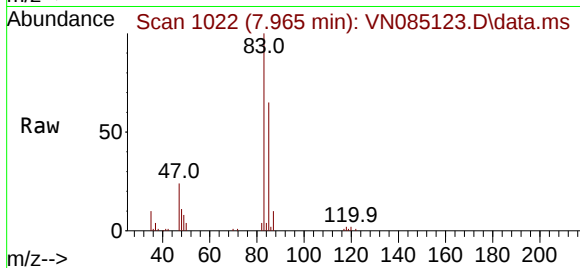
ICVVN120624

Tgt Ion: 83 Resp: 91959

Ion Ratio Lower Upper

83 100

85 64.6 49.4 74.0



#26

Cyclohexane

Concen: 22.553 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.006 min

Lab File: VN085123.D

Acq: 06 Dec 2024 12:28

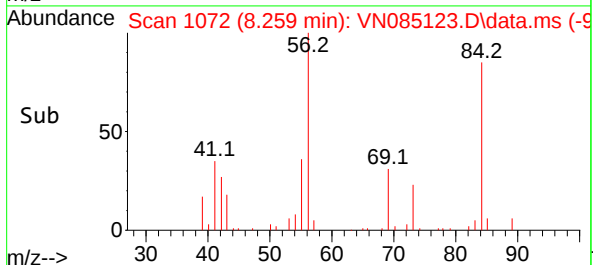
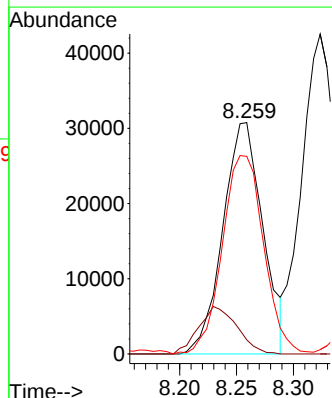
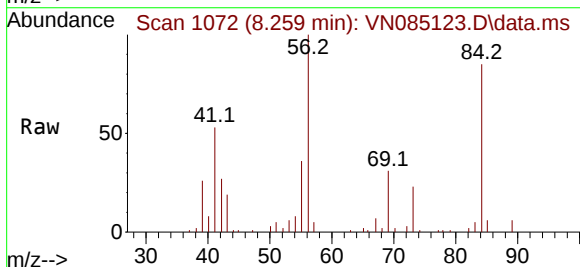
Tgt Ion: 56 Resp: 75227

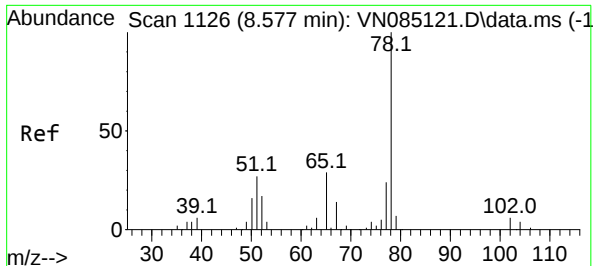
Ion Ratio Lower Upper

56 100

89 19.7 19.5 29.3

84 89.0 70.6 105.8

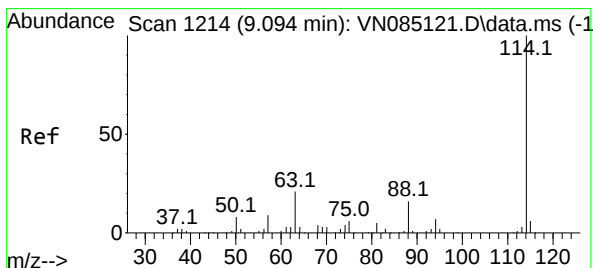
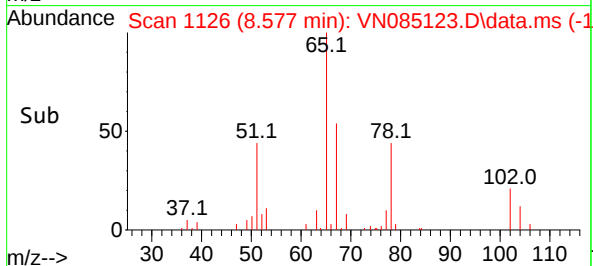
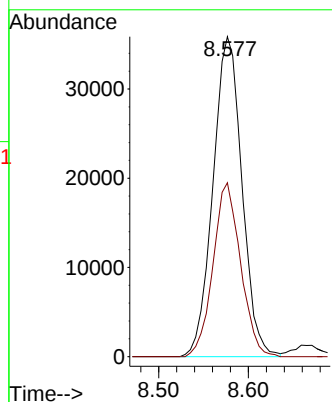
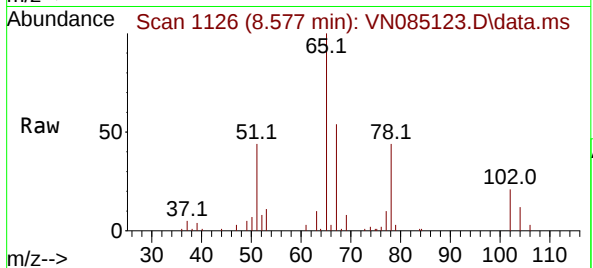




#27
 1,2-Dichloroethane-d4
 Concen: 29.493 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN085123.D
 Acq: 06 Dec 2024 12:28

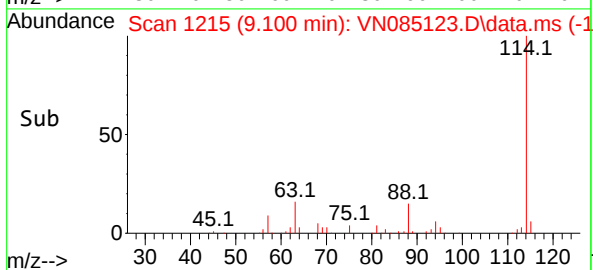
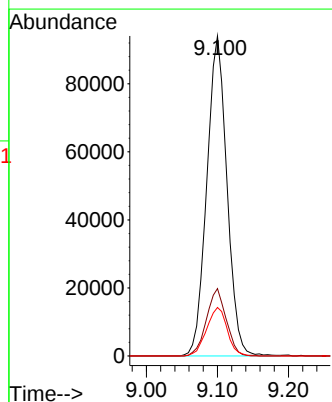
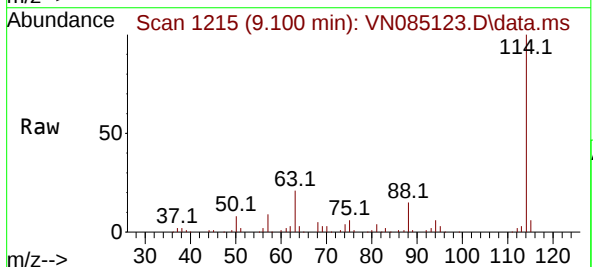
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN120624

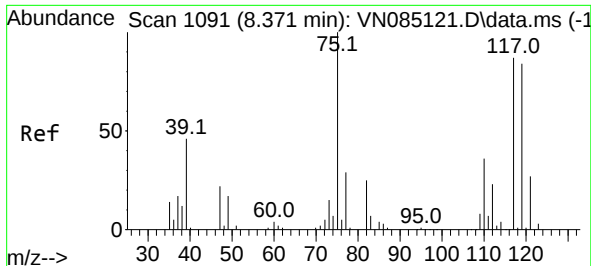
Tgt Ion: 65 Resp: 80315
 Ion Ratio Lower Upper
 65 100
 67 51.7 39.9 59.9



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN085123.D
 Acq: 06 Dec 2024 12:28

Tgt Ion: 114 Resp: 185717
 Ion Ratio Lower Upper
 114 100
 63 20.5 16.2 24.2
 88 15.5 12.5 18.7

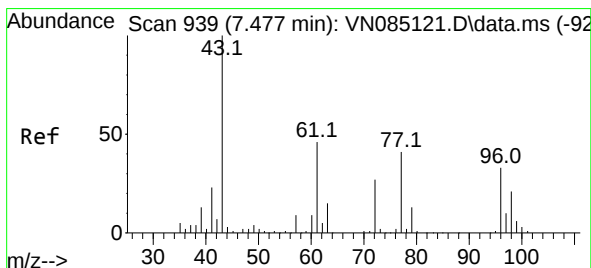
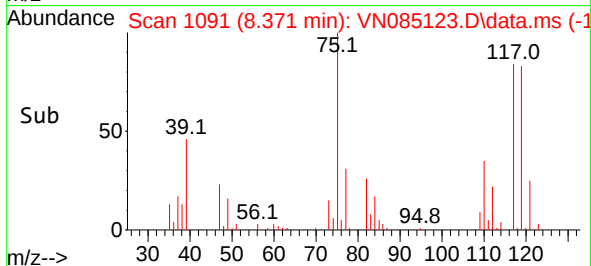
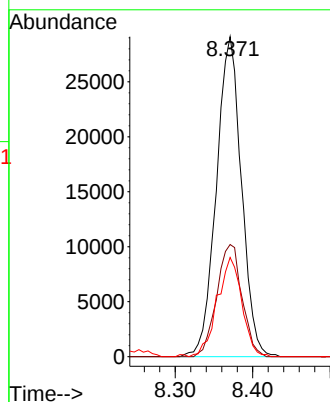
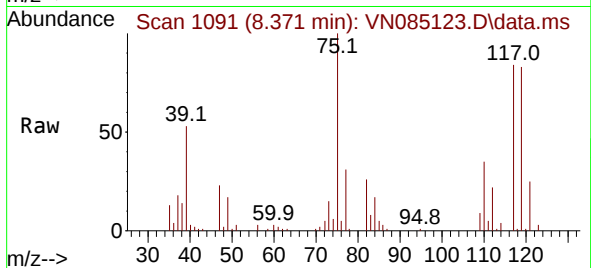




#29
1,1-Dichloropropene
Concen: 21.858 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

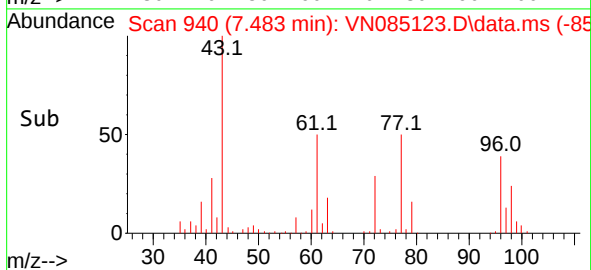
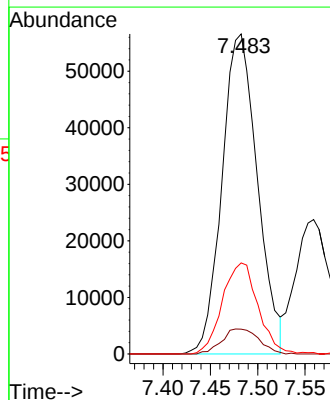
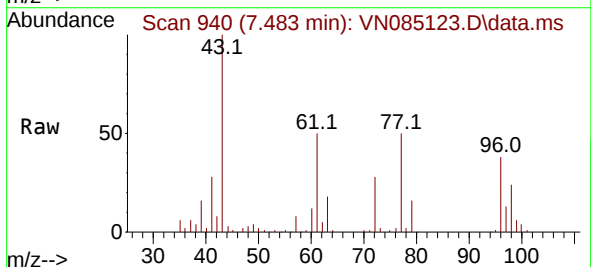
Instrument :
MSVOA_N
ClientSampleId :
ICVVN120624

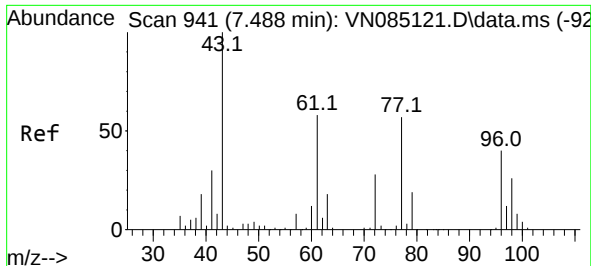
Tgt Ion:	75	Resp:	65505
Ion	Ratio	Lower	Upper
75	100		
110	35.2	0.0	71.6
77	30.4	0.0	62.2



#30
2-Butanone
Concen: 107.048 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

Tgt Ion:	43	Resp:	147216
Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.9	10.3
72	28.5	21.8	32.8





#31

2,2-Dichloropropane

Concen: 21.490 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN085123.D

Acq: 06 Dec 2024 12:28

Instrument :

MSVOA_N

ClientSampleId :

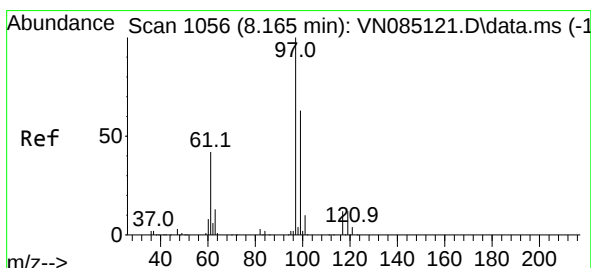
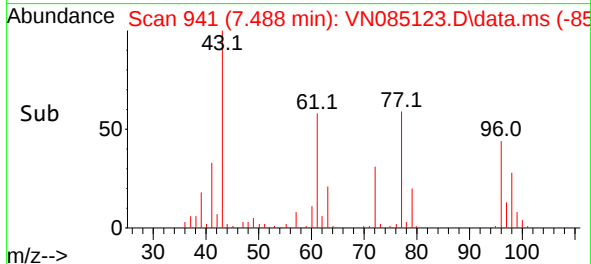
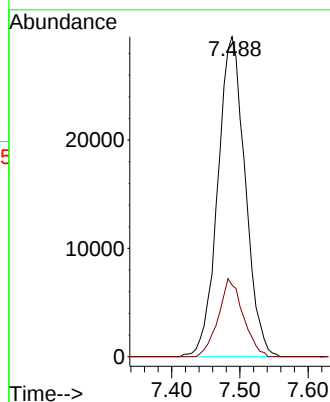
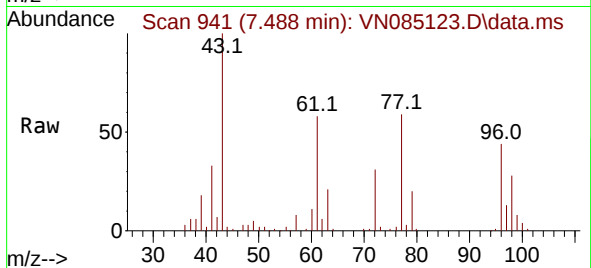
ICVVN120624

Tgt Ion: 77 Resp: 82584

Ion Ratio Lower Upper

77 100

97 22.0 0.0 0.0#



#32

1,1,1-Trichloroethane

Concen: 21.275 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN085123.D

Acq: 06 Dec 2024 12:28

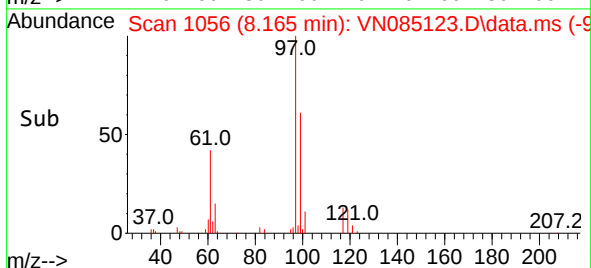
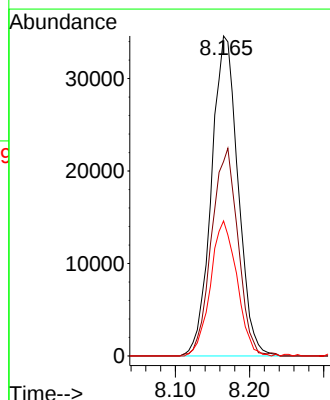
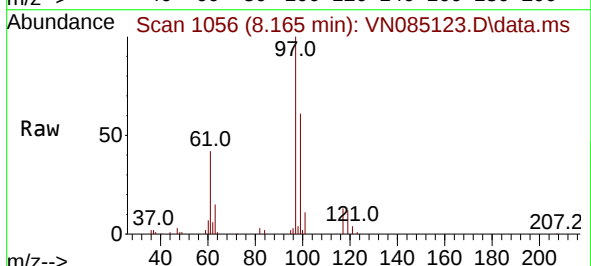
Tgt Ion: 97 Resp: 86299

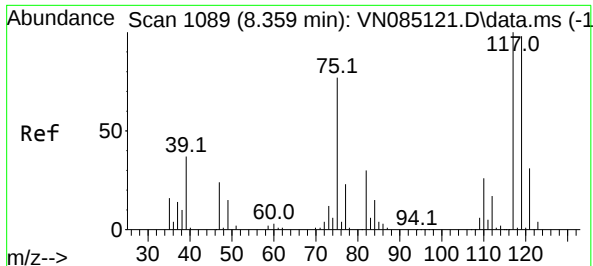
Ion Ratio Lower Upper

97 100

99 64.3 50.8 76.2

61 42.0 32.7 49.1

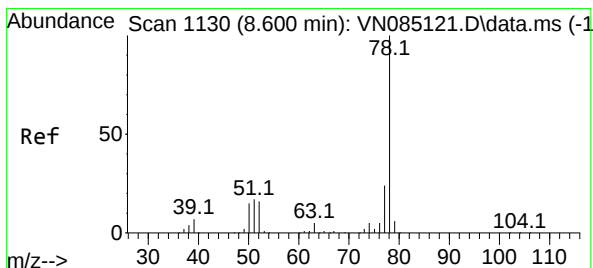
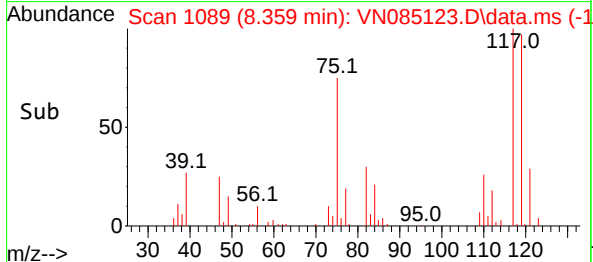
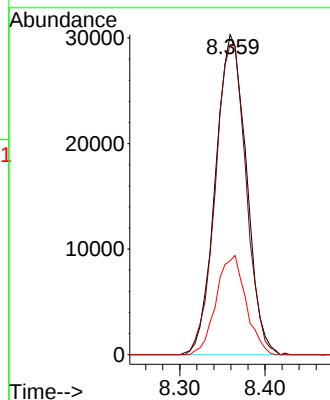
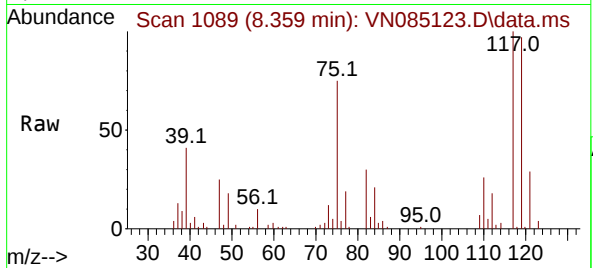




#33
Carbon Tetrachloride
Concen: 20.855 ug/l
RT: 8.359 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

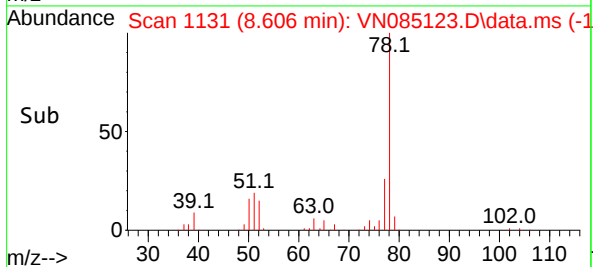
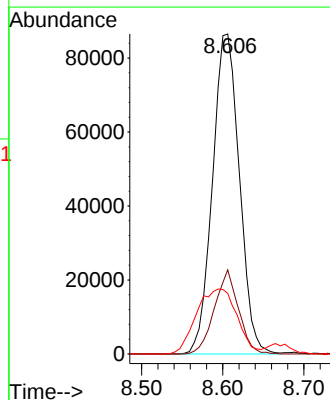
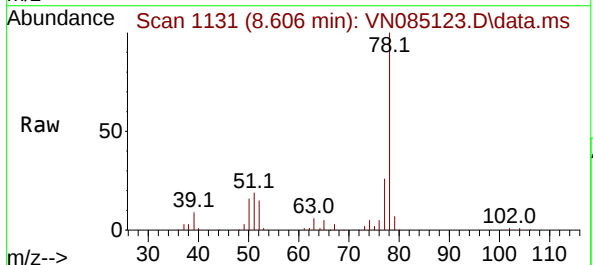
Instrument :
MSVOA_N
ClientSampleId :
ICVVN120624

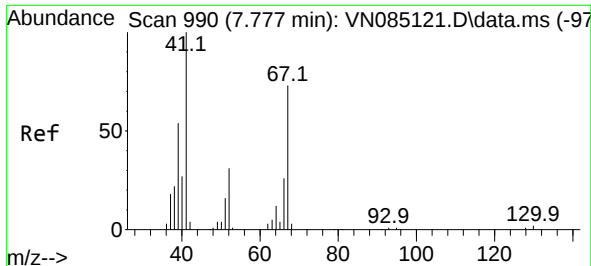
Tgt Ion:117 Resp: 76333
Ion Ratio Lower Upper
117 100
119 97.0 81.6 122.4
121 29.3 26.5 39.7



#34
Benzene
Concen: 21.162 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

Tgt Ion: 78 Resp: 199228
Ion Ratio Lower Upper
78 100
77 26.3 18.0 27.0
51 17.3 12.4 18.6



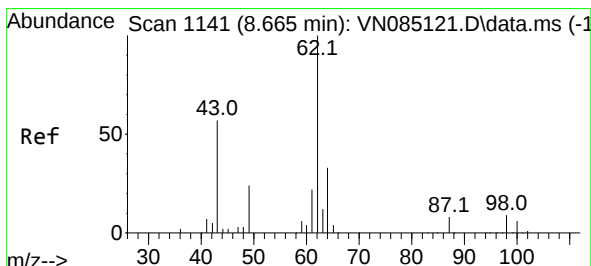
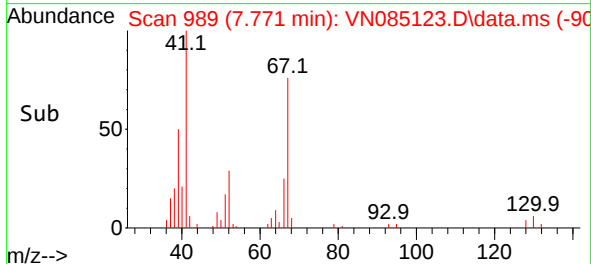
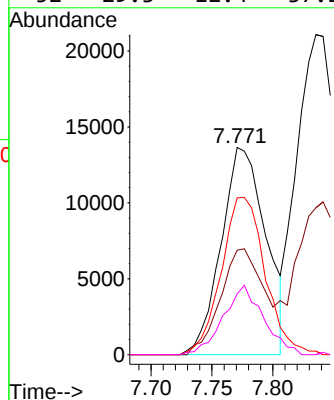
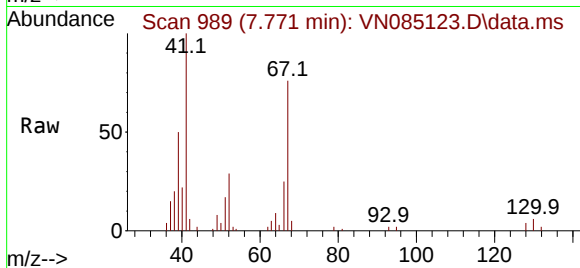


#35
Methacrylonitrile
Concen: 22.464 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

Instrument :
MSVOA_N
ClientSampleId :
ICVVN120624

Tgt Ion: 41 Resp: 34766

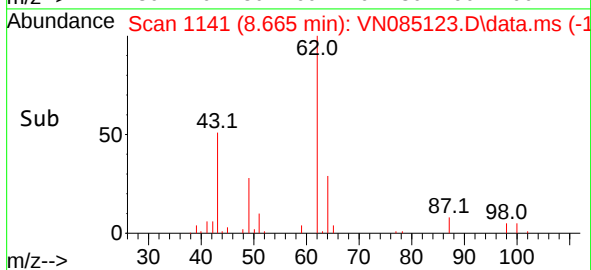
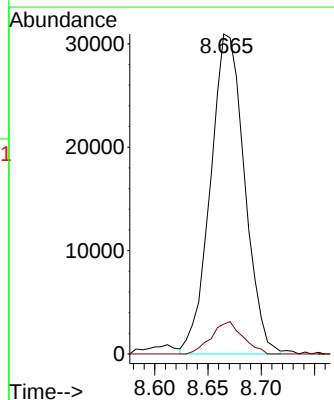
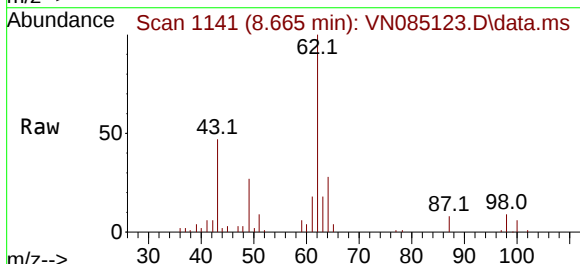
Ion	Ratio	Lower	Upper
41	100		
39	50.4	24.4	73.2
67	75.7	37.0	110.9
52	29.3	12.4	37.2

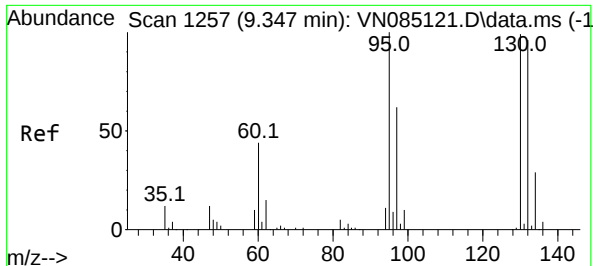


#36
1,2-Dichloroethane
Concen: 21.505 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

Tgt Ion: 62 Resp: 68920

Ion	Ratio	Lower	Upper
62	100		
98	9.3	7.3	10.9





#37

Trichloroethene

Concen: 21.558 ug/l

RT: 9.347 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN085123.D

Acq: 06 Dec 2024 12:28

Instrument :

MSVOA_N

ClientSampleId :

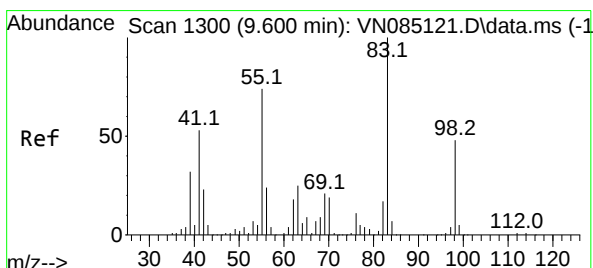
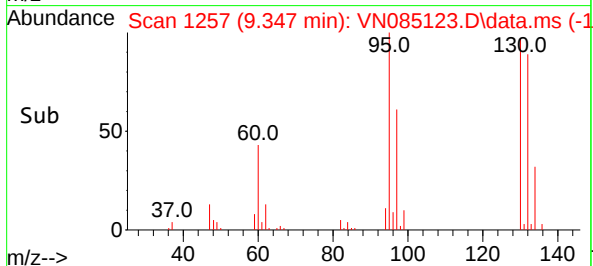
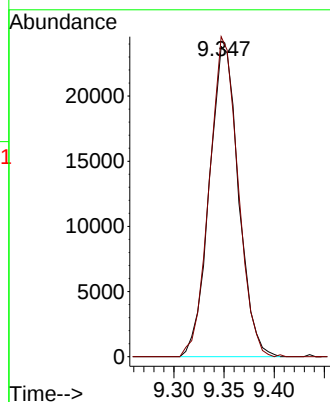
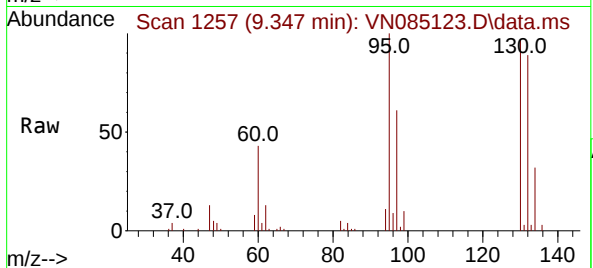
ICVVN120624

Tgt Ion:130 Resp: 48331

Ion Ratio Lower Upper

130 100

95 103.2 76.2 114.4



#38

Methylcyclohexane

Concen: 22.020 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN085123.D

Acq: 06 Dec 2024 12:28

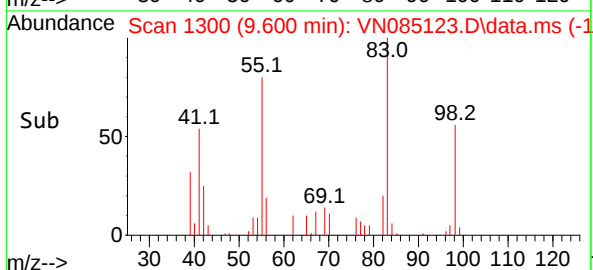
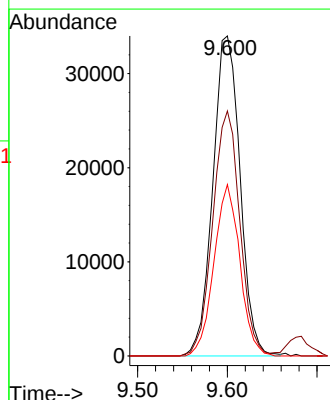
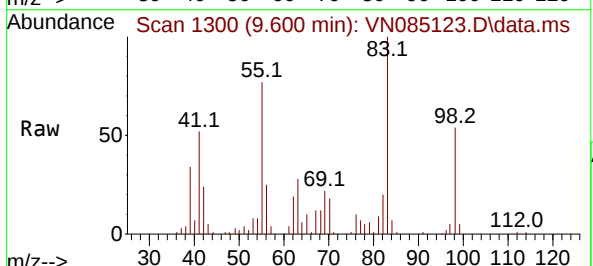
Tgt Ion: 83 Resp: 71750

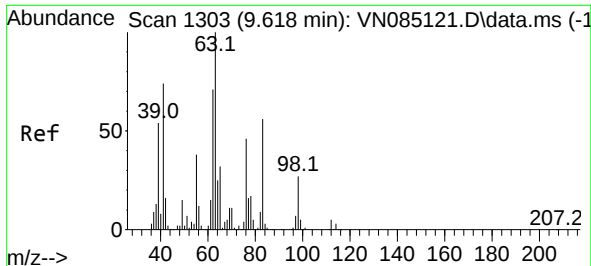
Ion Ratio Lower Upper

83 100

55 76.0 41.4 124.4

98 50.9 25.7 77.1

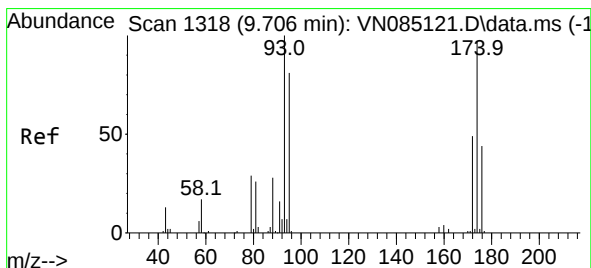
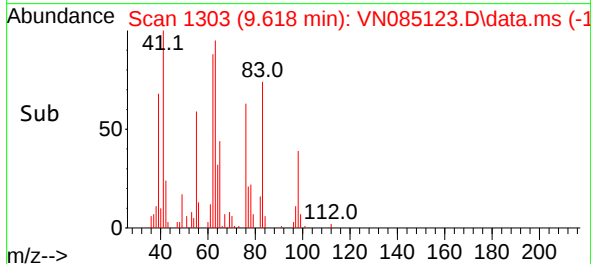
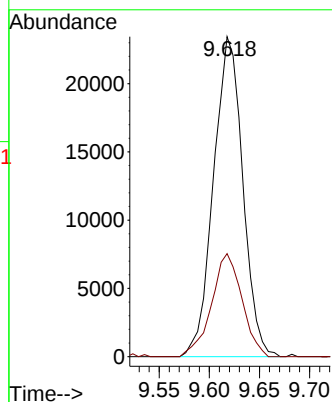
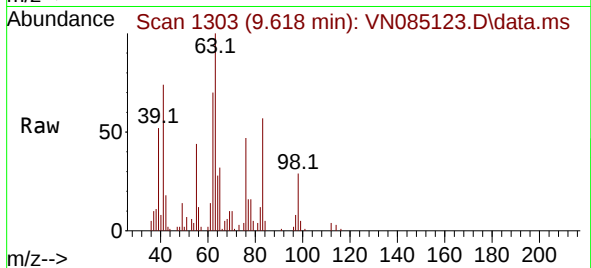




#39
1,2-Dichloropropane
Concen: 20.867 ug/l
RT: 9.618 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

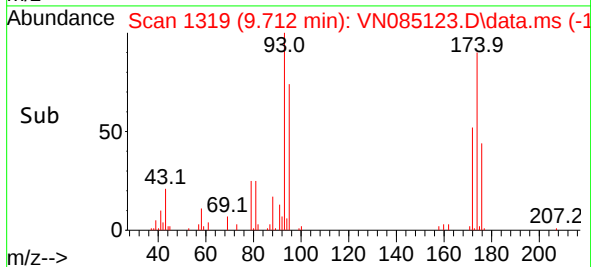
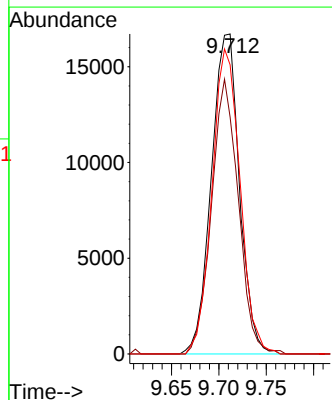
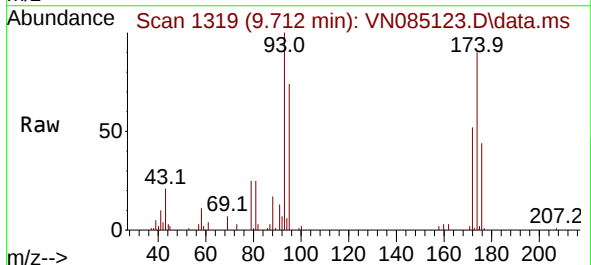
Instrument :
MSVOA_N
ClientSampleId :
ICVVN120624

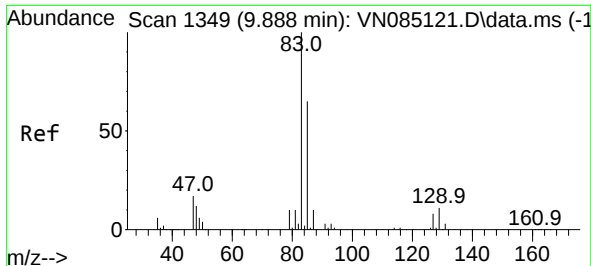
Tgt Ion: 63 Resp: 47583
Ion Ratio Lower Upper
63 100
65 32.2 23.4 35.0



#40
Dibromomethane
Concen: 21.127 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

Tgt Ion: 93 Resp: 34556
Ion Ratio Lower Upper
93 100
95 81.6 0.0 169.4
174 95.0 0.0 189.8

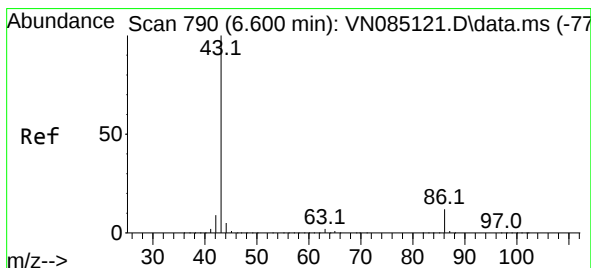
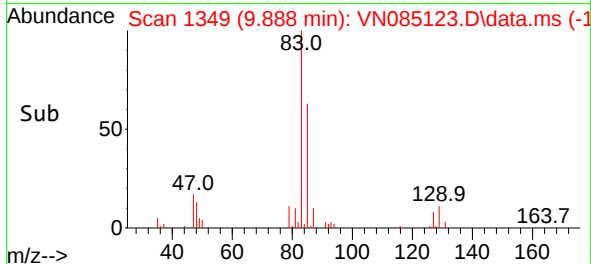
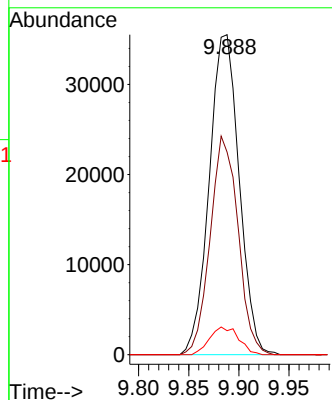
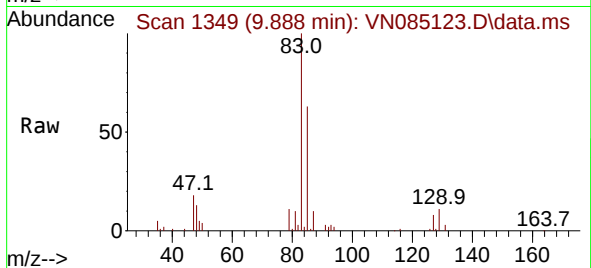




#41
Bromodichloromethane
Concen: 21.117 ug/l
RT: 9.888 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

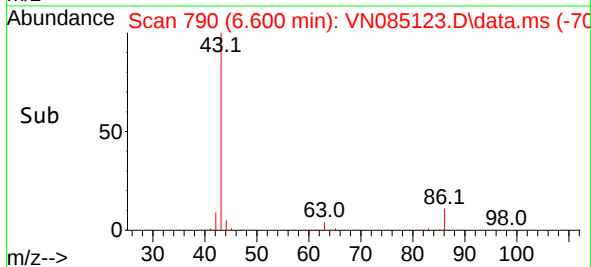
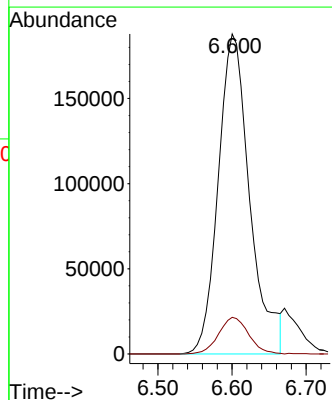
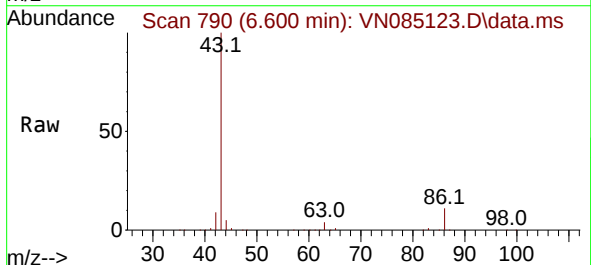
Instrument :
MSVOA_N
ClientSampleId :
ICVVN120624

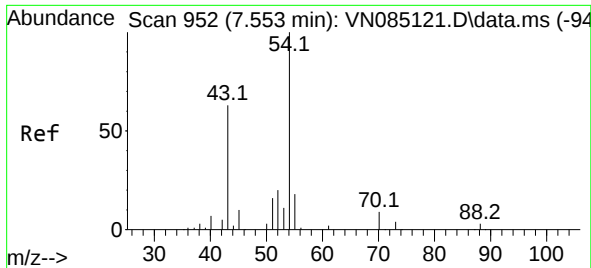
Tgt Ion: 83 Resp: 73839
Ion Ratio Lower Upper
83 100
85 63.3 54.6 81.8
127 7.5 7.0 10.6



#42
Vinyl Acetate
Concen: 115.256 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

Tgt Ion: 43 Resp: 554646
Ion Ratio Lower Upper
43 100
86 10.9 9.2 13.8

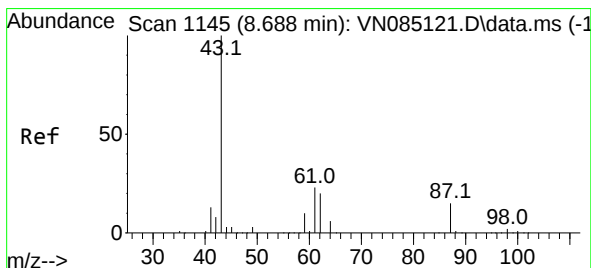
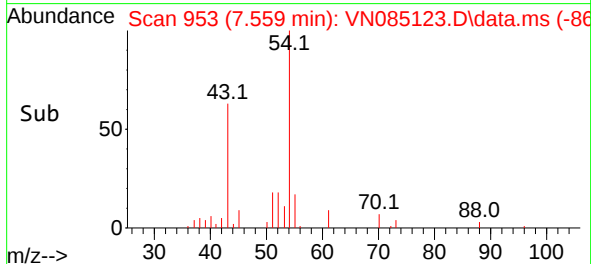
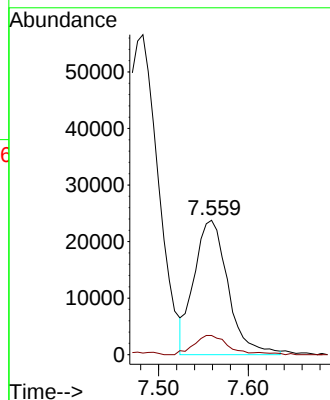
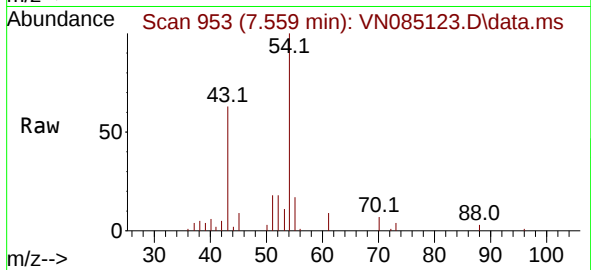




#43
Ethyl Acetate
Concen: 22.807 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

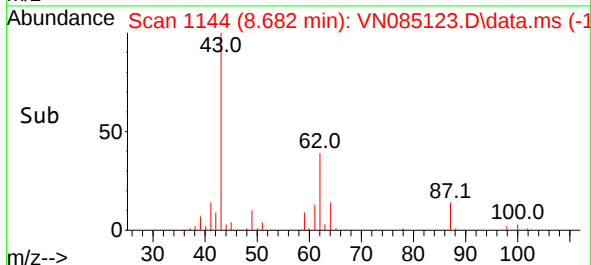
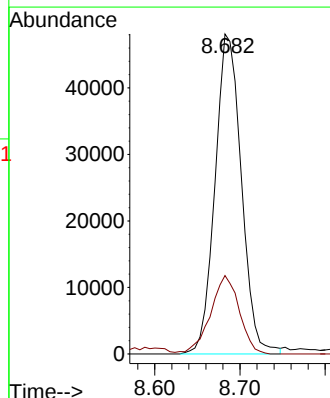
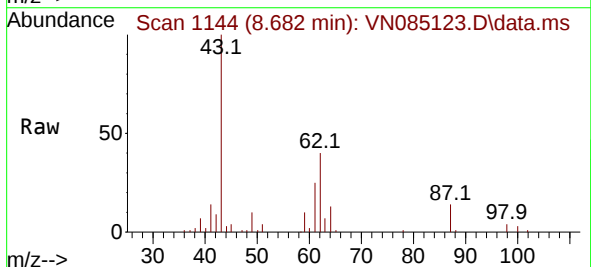
Instrument :
MSVOA_N
ClientSampleId :
ICVVN120624

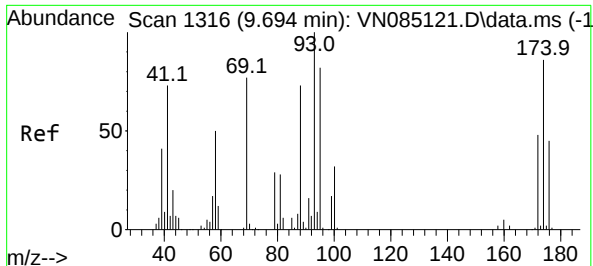
Tgt Ion: 43 Resp: 62407
Ion Ratio Lower Upper
43 100
45 13.7 13.3 19.9



#44
Isopropyl Acetate
Concen: 21.770 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

Tgt Ion: 43 Resp: 103521
Ion Ratio Lower Upper
43 100
61 26.8 21.5 32.3

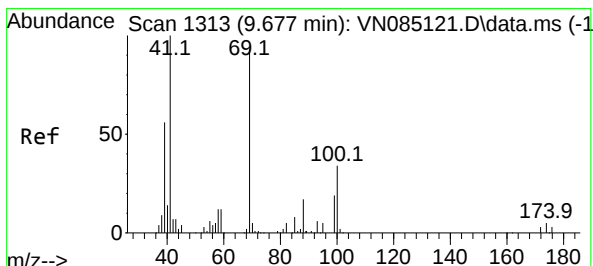
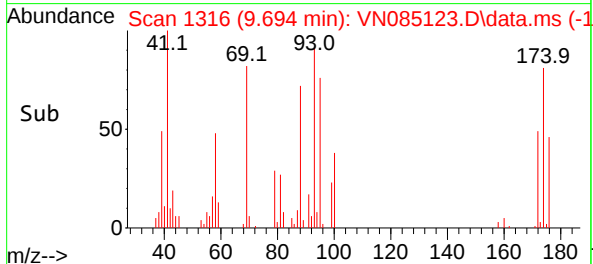
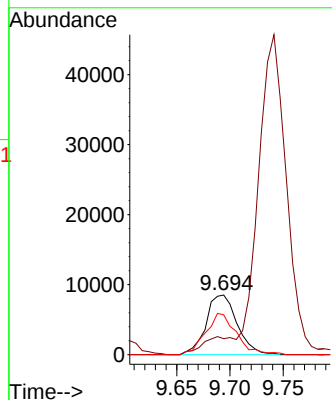
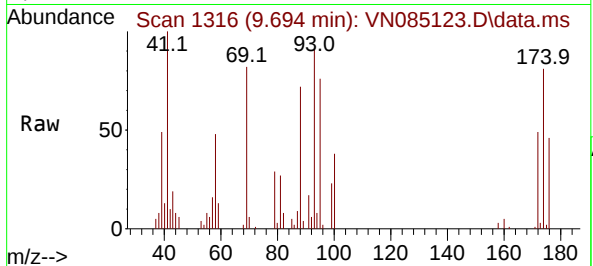




#45
1,4-Dioxane
Concen: 437.438 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

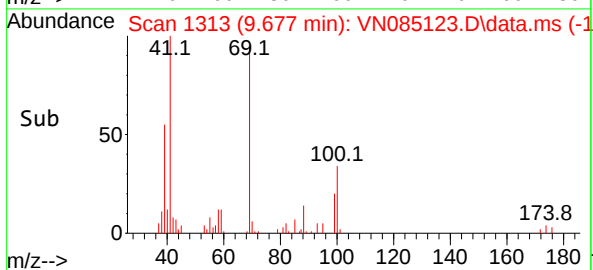
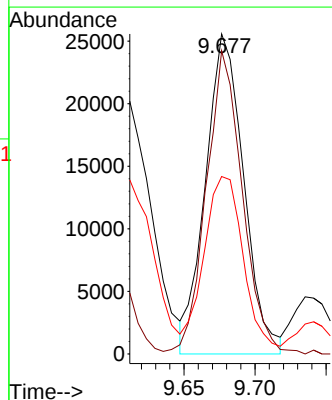
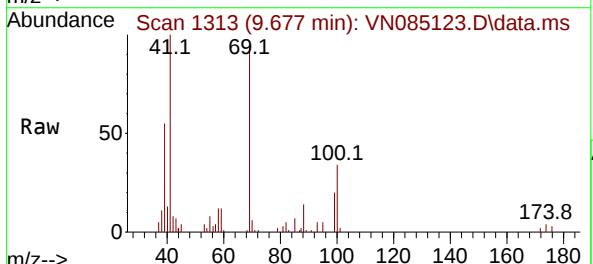
Instrument :
MSVOA_N
ClientSampleId :
ICVVN120624

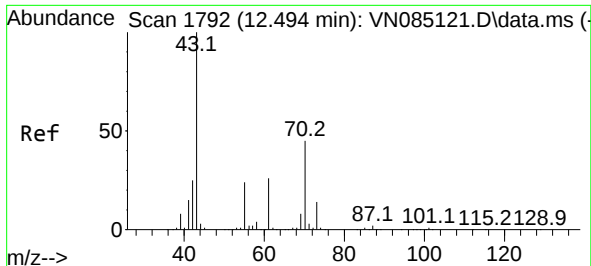
Tgt Ion: 88 Resp: 17346
Ion Ratio Lower Upper
88 100
43 31.7 21.7 32.5
58 67.5 52.6 79.0



#46
Methyl methacrylate
Concen: 21.989 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

Tgt Ion: 41 Resp: 47854
Ion Ratio Lower Upper
41 100
69 98.5 46.7 140.0
39 56.0 28.5 85.5

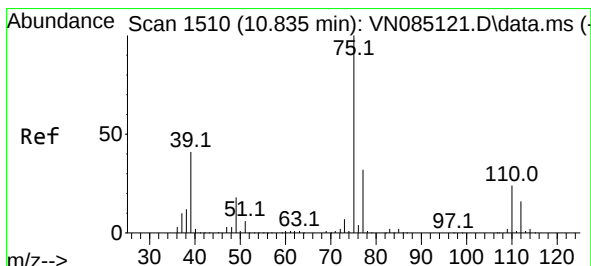
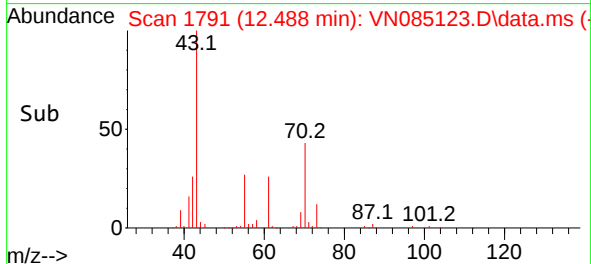
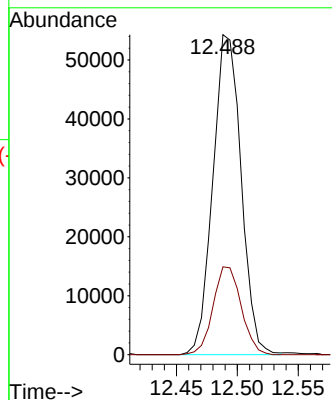
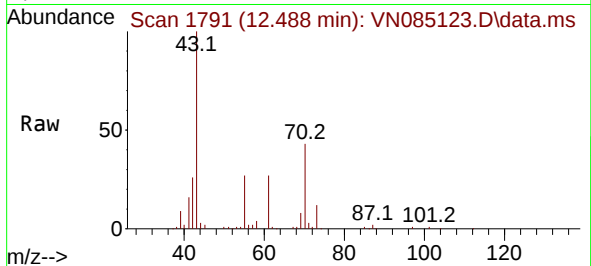




#47
n-amyl acetate
Concen: 21.920 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

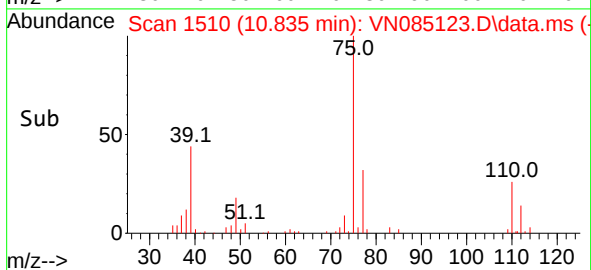
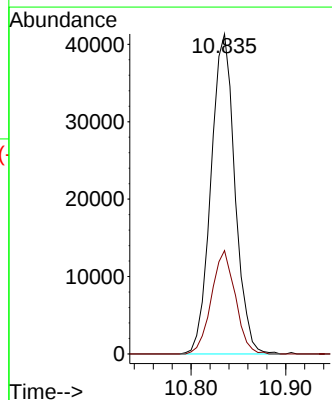
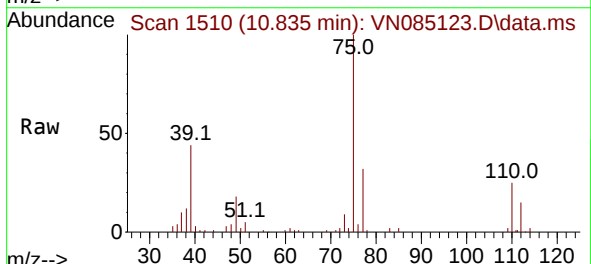
Instrument :
MSVOA_N
ClientSampleId :
ICVVN120624

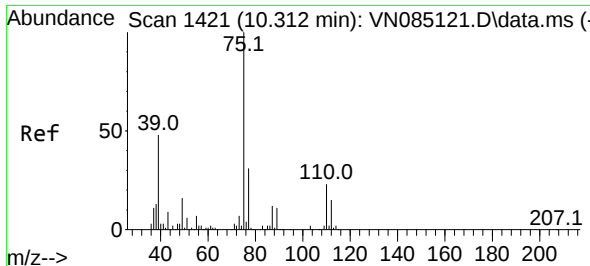
Tgt Ion: 43 Resp: 87700
Ion Ratio Lower Upper
43 100
55 27.3 23.3 34.9



#48
t-1,3-Dichloropropene
Concen: 21.161 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

Tgt Ion: 75 Resp: 72633
Ion Ratio Lower Upper
75 100
77 32.3 25.5 38.3

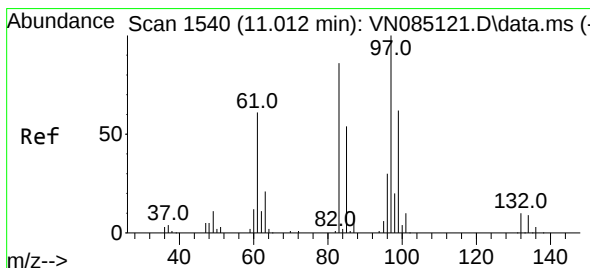
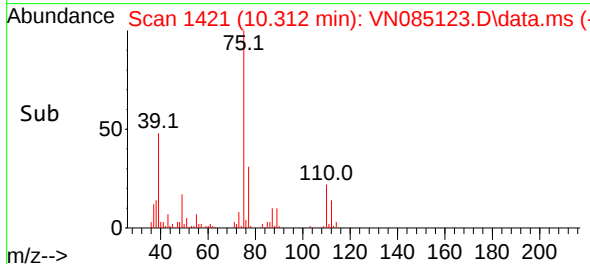
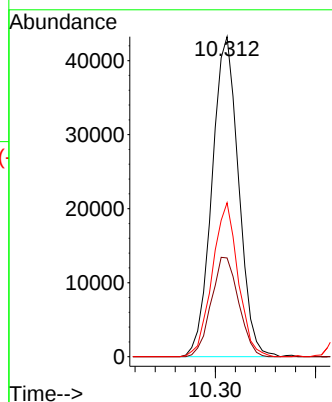
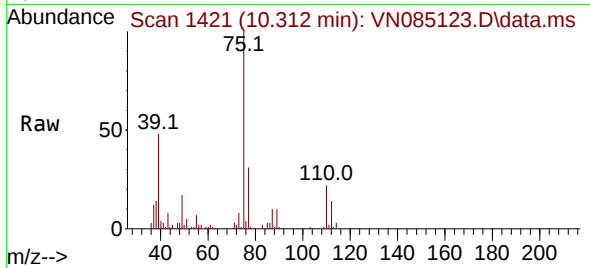




#49
 cis-1,3-Dichloropropene
 Concen: 21.333 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN085123.D
 Acq: 06 Dec 2024 12:28

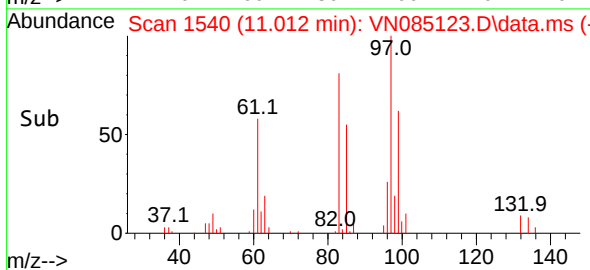
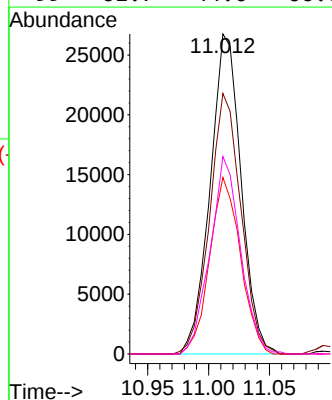
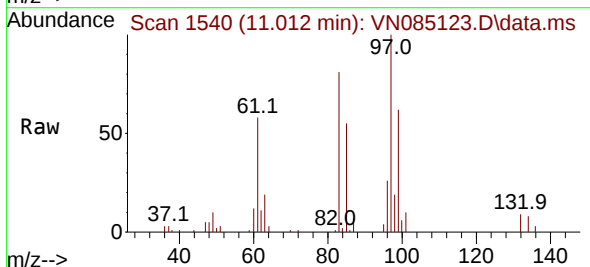
Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN120624

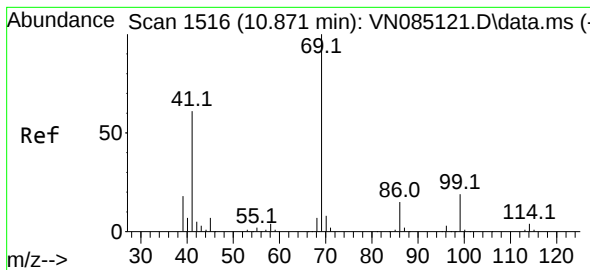
Tgt Ion: 75	Resp: 79711
Ion Ratio	Lower Upper
75 100	
77 30.9	23.8 35.6
39 48.1	37.3 55.9



#50
 1,1,2-Trichloroethane
 Concen: 21.441 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. 0.000 min
 Lab File: VN085123.D
 Acq: 06 Dec 2024 12:28

Tgt Ion: 97	Resp: 47258
Ion Ratio	Lower Upper
97 100	
83 81.4	65.8 98.8
85 55.1	40.8 61.2
99 61.7	44.0 66.0

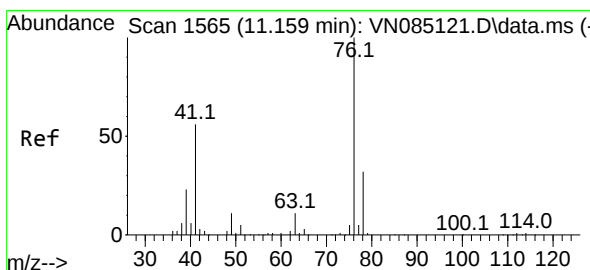
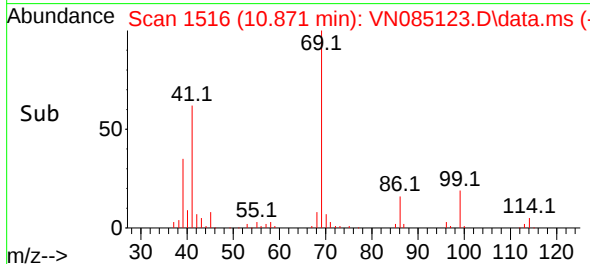
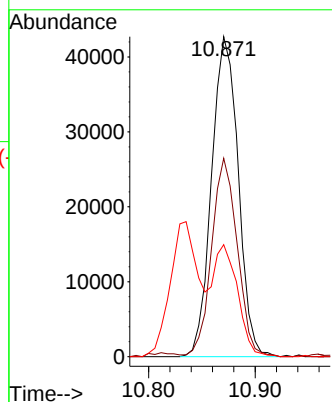
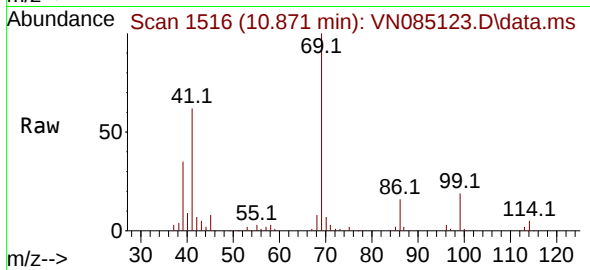




#51
Ethyl methacrylate
Concen: 22.113 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

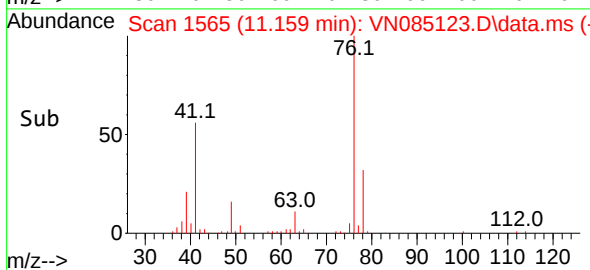
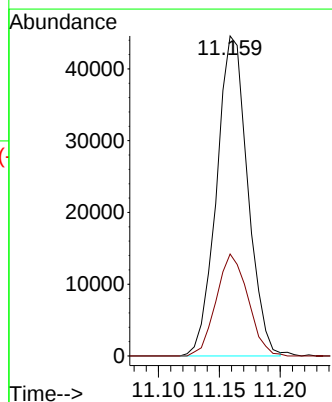
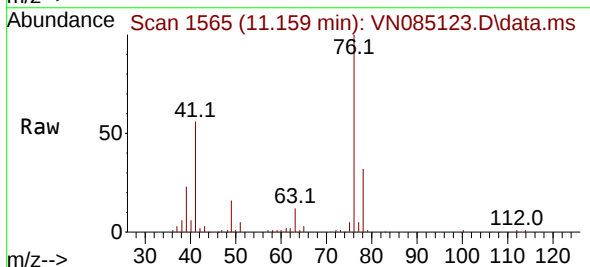
Instrument :
MSVOA_N
ClientSampleId :
ICVVN120624

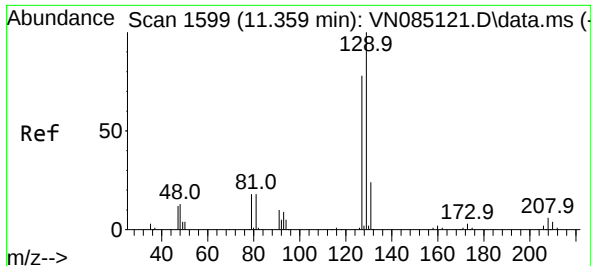
Tgt Ion: 69 Resp: 74129
Ion Ratio Lower Upper
69 100
41 62.0 32.1 96.3
39 35.0 18.8 56.4



#52
1,3-Dichloropropane
Concen: 21.486 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

Tgt Ion: 76 Resp: 79252
Ion Ratio Lower Upper
76 100
78 32.5 0.0 65.6

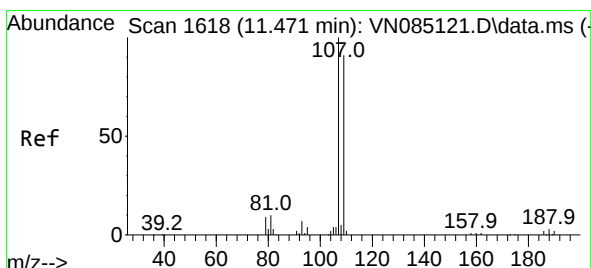
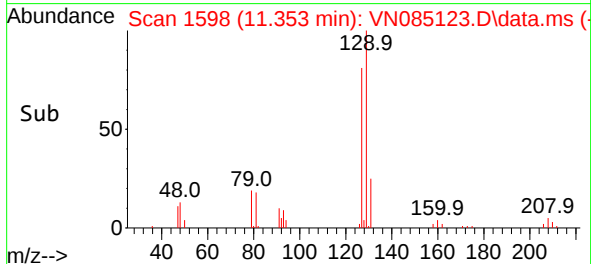
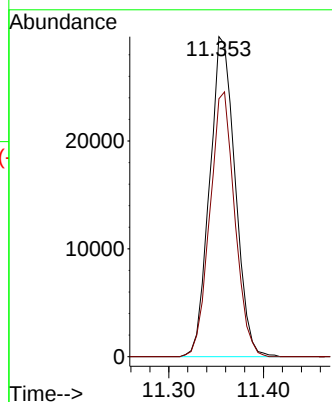
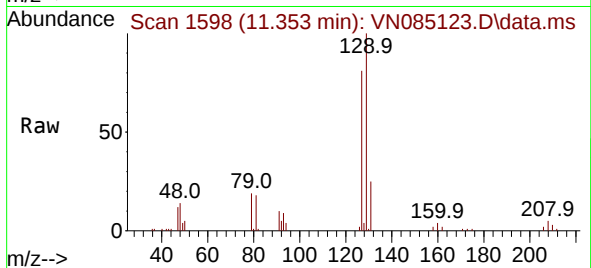




#53
Dibromochloromethane
Concen: 20.701 ug/l
RT: 11.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

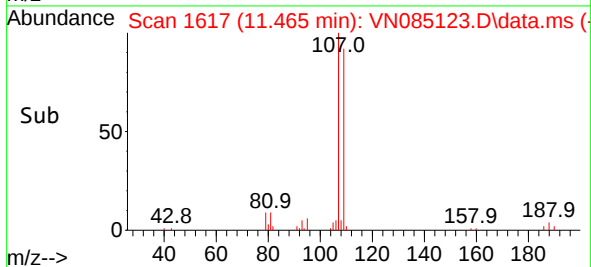
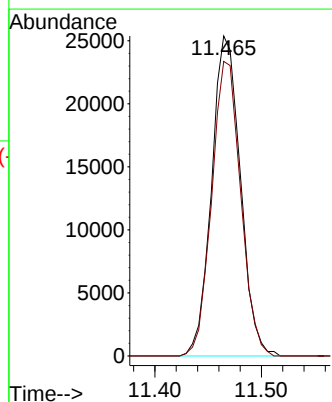
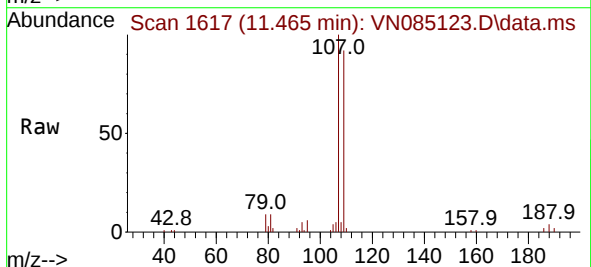
Instrument :
MSVOA_N
ClientSampleId :
ICVVN120624

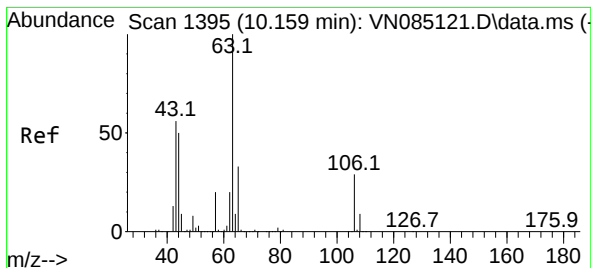
Tgt Ion:129 Resp: 55601
Ion Ratio Lower Upper
129 100
127 80.6 37.3 111.9



#54
1,2-Dibromoethane
Concen: 21.396 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

Tgt Ion:107 Resp: 47513
Ion Ratio Lower Upper
107 100
109 92.7 75.2 112.8

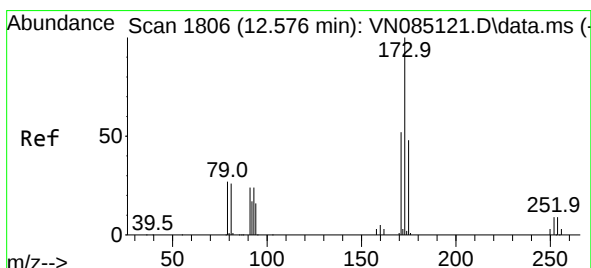
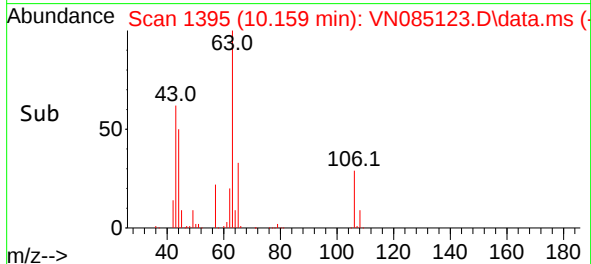
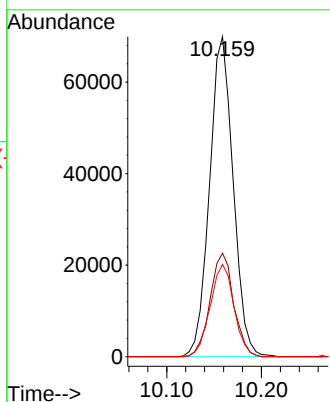
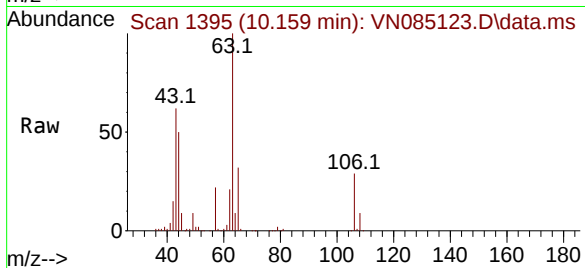




#55
2-Chloroethyl vinyl ether
Concen: 77.670 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

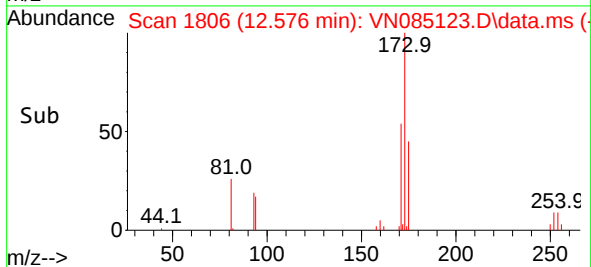
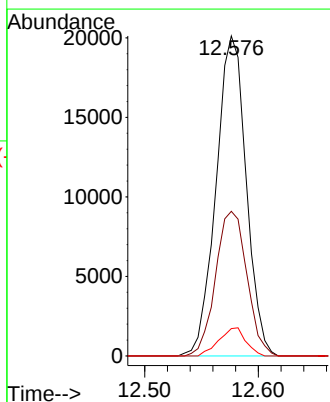
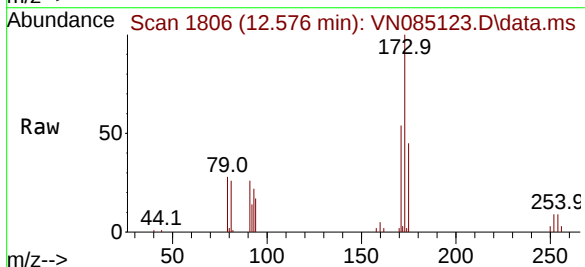
Instrument :
MSVOA_N
ClientSampleId :
ICVVN120624

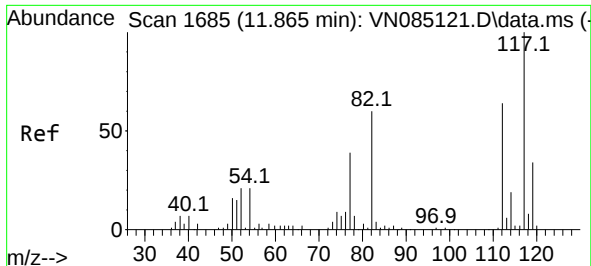
Tgt Ion: 63 Resp: 120953
Ion Ratio Lower Upper
63 100
65 32.2 25.9 38.9
106 29.1 23.5 35.3



#56
Bromoform
Concen: 20.588 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

Tgt Ion: 173 Resp: 37077
Ion Ratio Lower Upper
173 100
175 46.8 40.2 60.2
254 7.8 6.2 9.4





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN085123.D

Acq: 06 Dec 2024 12:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN120624

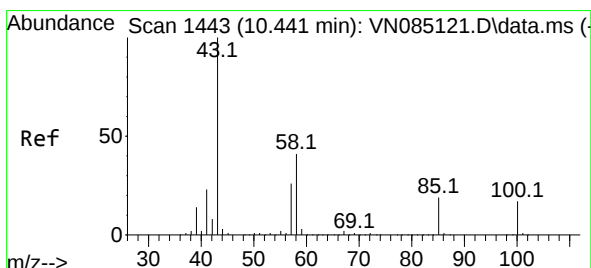
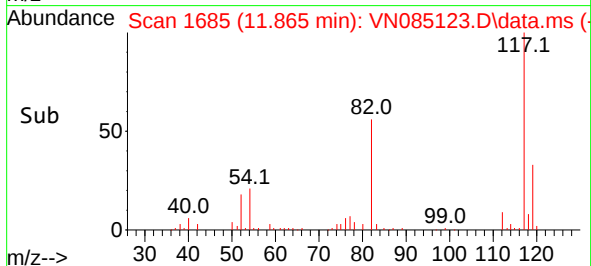
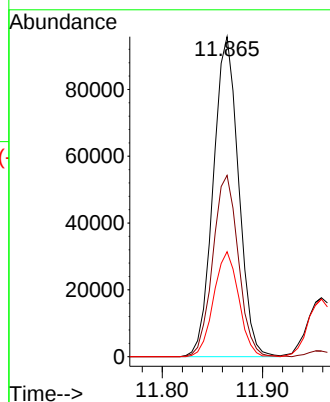
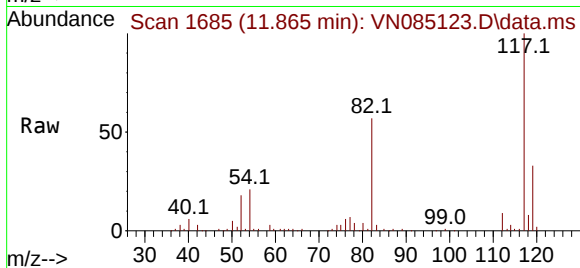
Tgt Ion:117 Resp: 167596

Ion Ratio Lower Upper

117 100

82 57.1 44.2 66.4

119 32.4 25.4 38.2



#58

4-Methyl-2-Pentanone

Concen: 111.787 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN085123.D

Acq: 06 Dec 2024 12:28

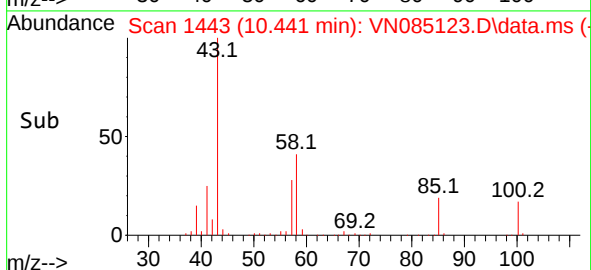
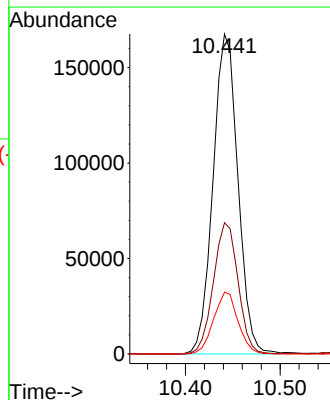
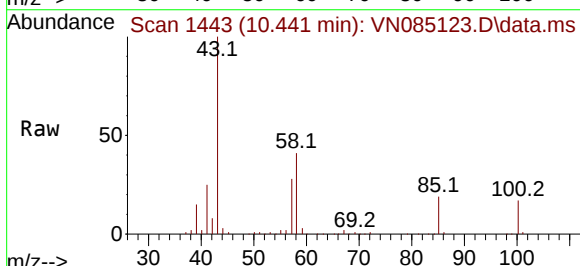
Tgt Ion: 43 Resp: 305762

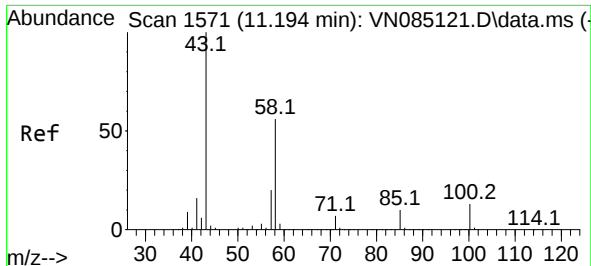
Ion Ratio Lower Upper

43 100

58 40.7 31.6 47.4

85 19.0 15.0 22.6

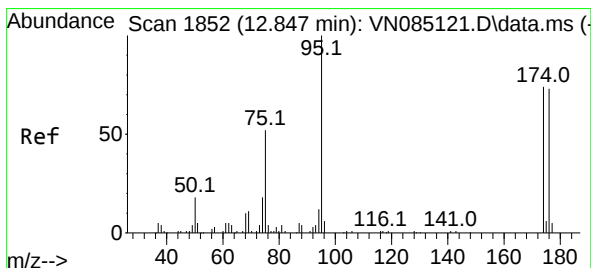
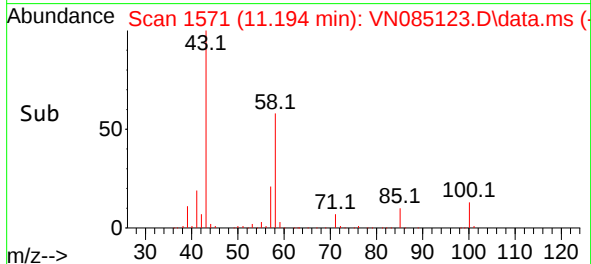
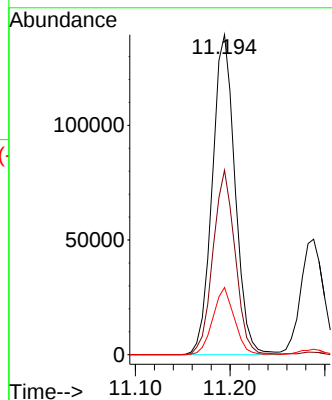
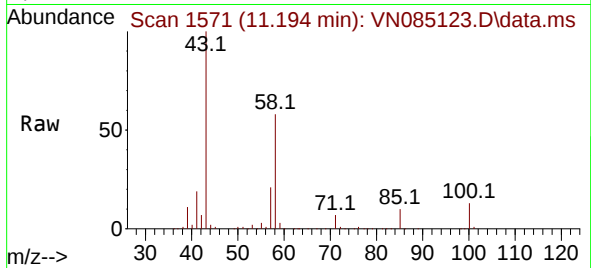




#59
2-Hexanone
Concen: 112.607 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

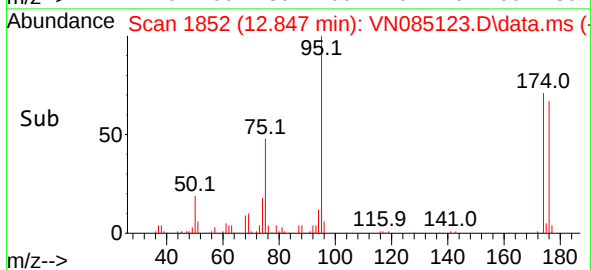
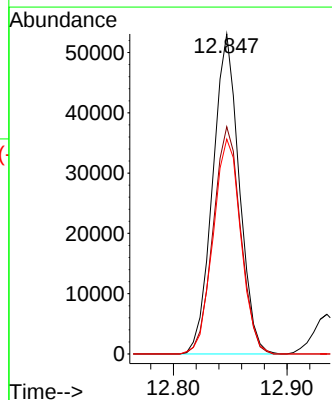
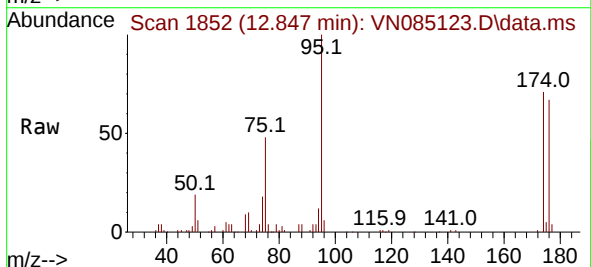
Instrument :
MSVOA_N
ClientSampleId :
ICVVN120624

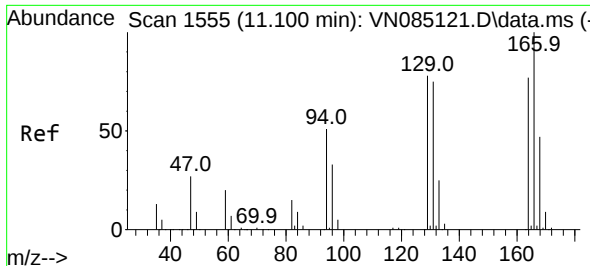
Tgt Ion: 43 Resp: 233377
Ion Ratio Lower Upper
43 100
58 56.1 43.6 65.4
57 19.8 15.4 23.0



#60
4-Bromofluorobenzene
Concen: 30.966 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

Tgt Ion: 95 Resp: 85871
Ion Ratio Lower Upper
95 100
174 73.6 60.3 90.5
176 70.5 57.4 86.0

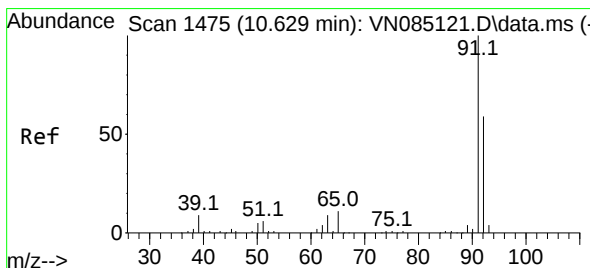
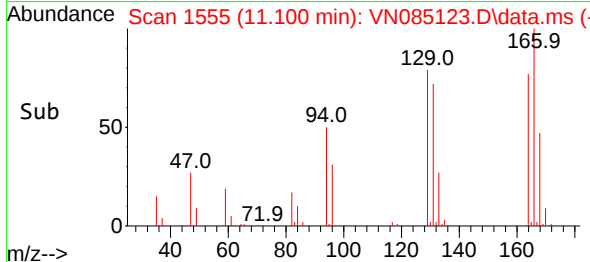
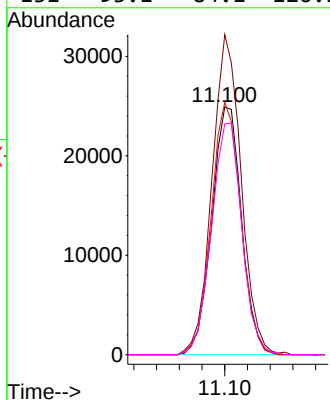
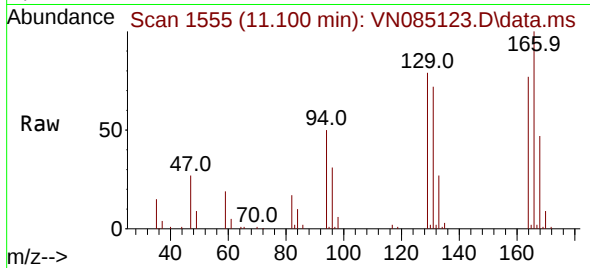




#61
Tetrachloroethene
Concen: 22.294 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

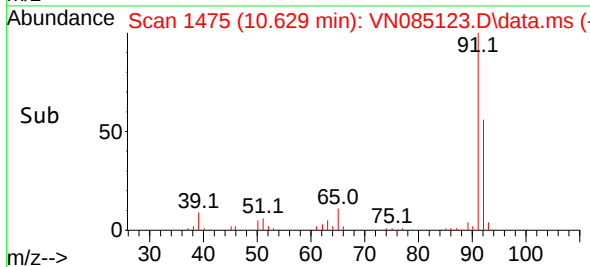
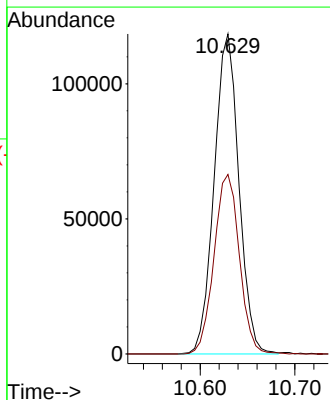
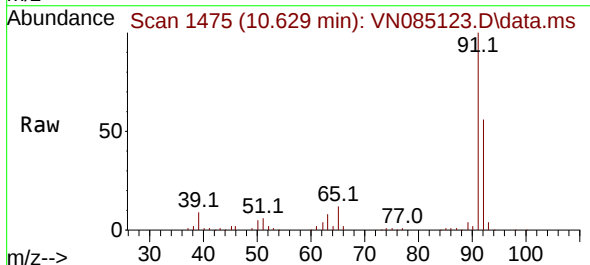
Instrument :
MSVOA_N
ClientSampleId :
ICVVN120624

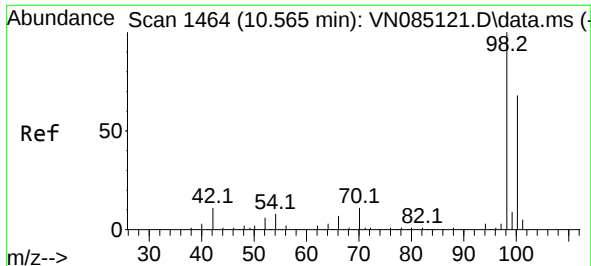
Tgt Ion:164 Resp: 45248
Ion Ratio Lower Upper
164 100
166 129.1 103.8 155.8
129 101.8 84.2 126.4
131 93.1 84.1 126.1



#62
Toluene
Concen: 21.975 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

Tgt Ion: 91 Resp: 214790
Ion Ratio Lower Upper
91 100
92 57.5 46.5 69.7

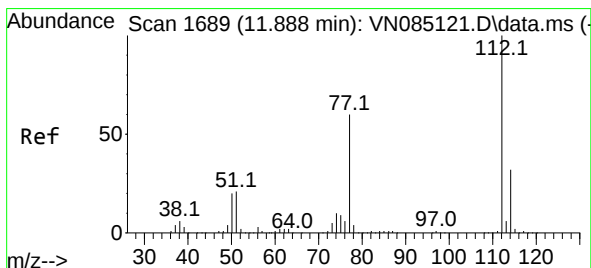
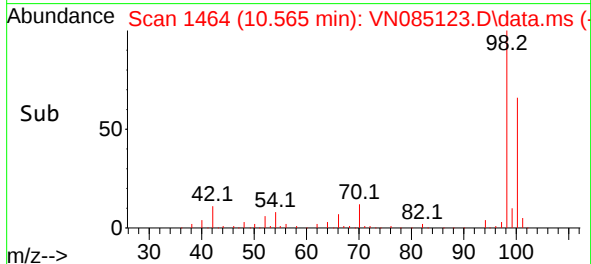
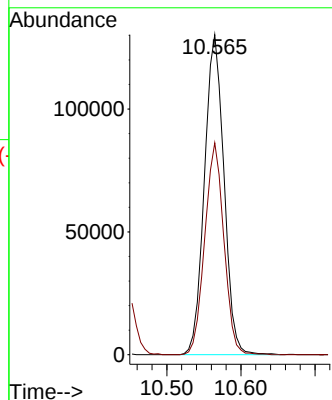
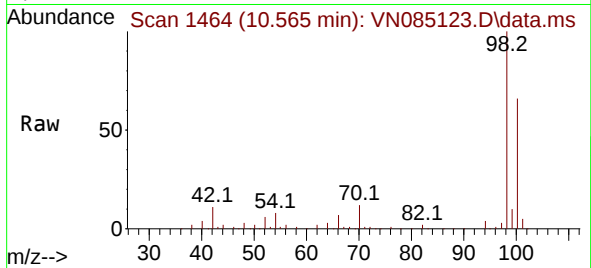




#63
Toluene-d8
Concen: 30.323 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

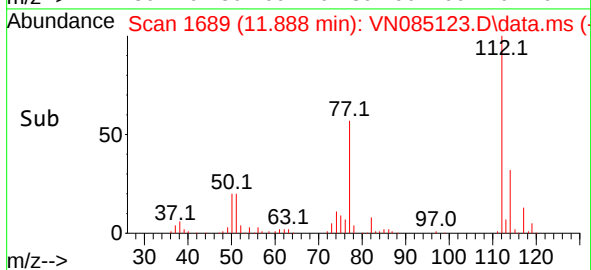
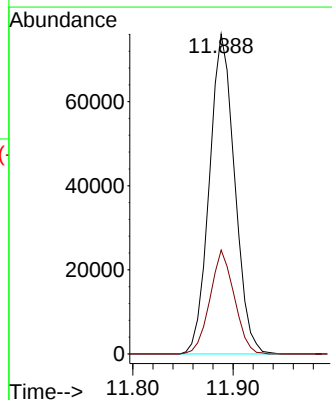
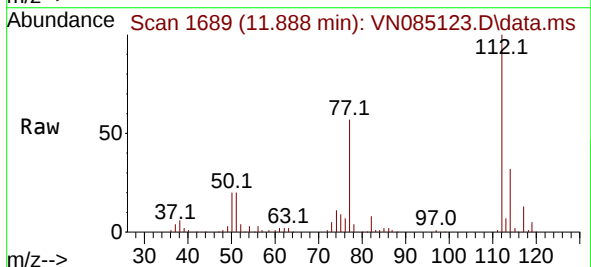
Instrument :
MSVOA_N
ClientSampleId :
ICVVN120624

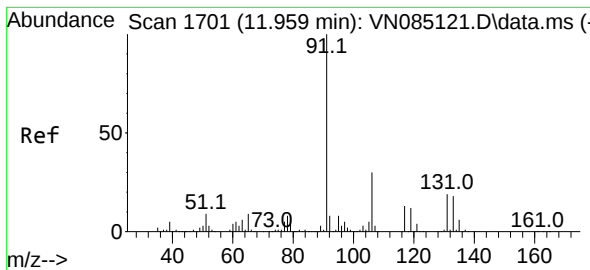
Tgt Ion: 98 Resp: 238389
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#64
Chlorobenzene
Concen: 22.112 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

Tgt Ion: 112 Resp: 133437
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0

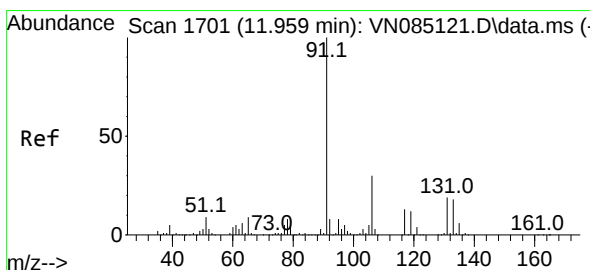
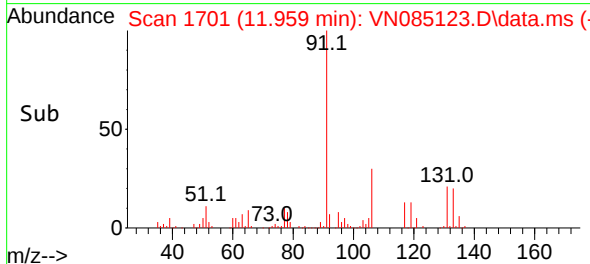
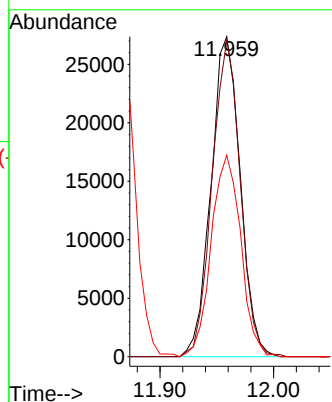
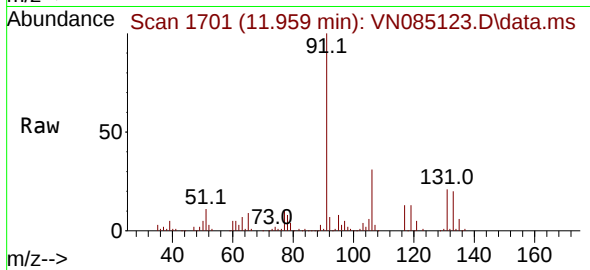




#65
 1,1,1,2-Tetrachloroethane
 Concen: 21.725 ug/l
 RT: 11.959 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN085123.D
 Acq: 06 Dec 2024 12:28

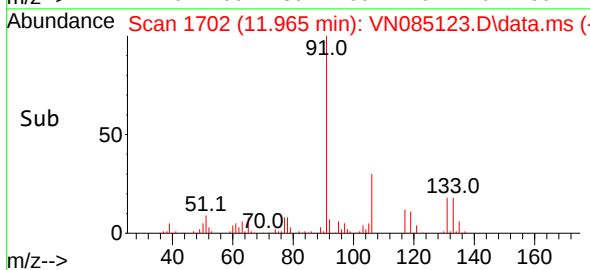
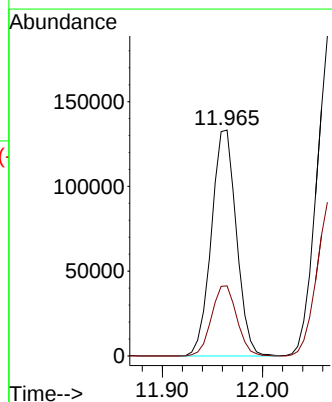
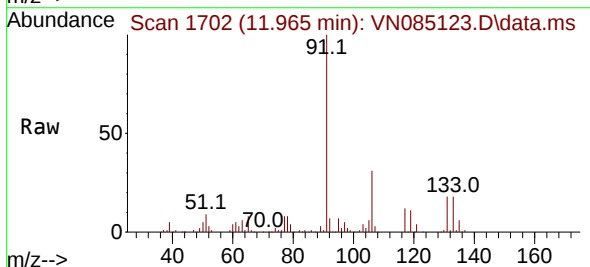
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN120624

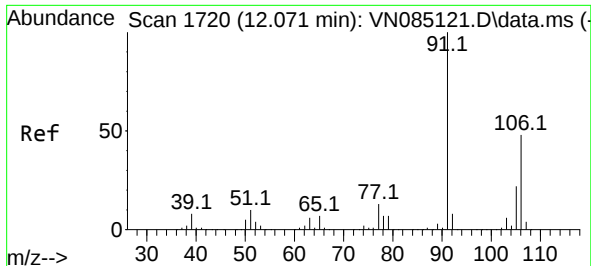
Tgt Ion:131 Resp: 48941
 Ion Ratio Lower Upper
 131 100
 133 95.2 0.0 194.0
 119 63.6 0.0 131.8



#66
 Ethyl Benzene
 Concen: 22.300 ug/l
 RT: 11.965 min Scan# 1702
 Delta R.T. 0.000 min
 Lab File: VN085123.D
 Acq: 06 Dec 2024 12:28

Tgt Ion: 91 Resp: 231289
 Ion Ratio Lower Upper
 91 100
 106 31.0 23.1 34.7

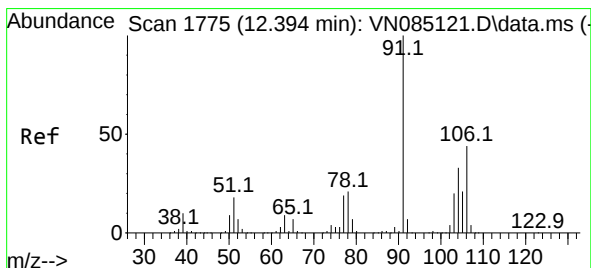
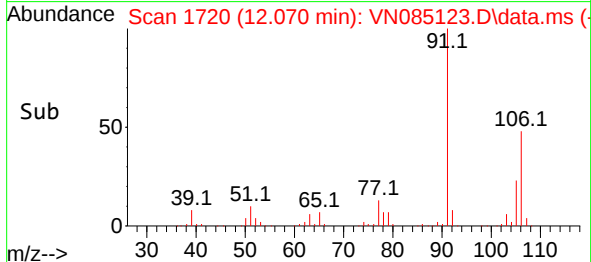
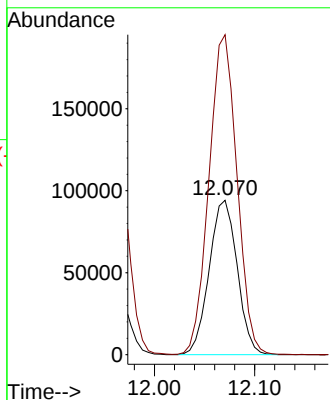
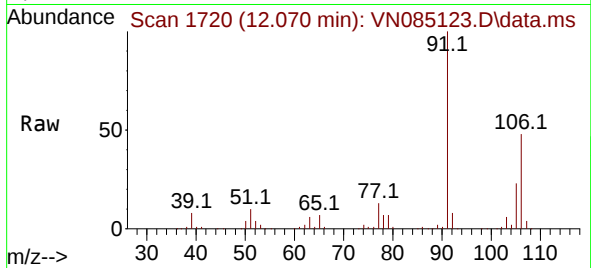




#67
m/p-Xylenes
Concen: 45.872 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

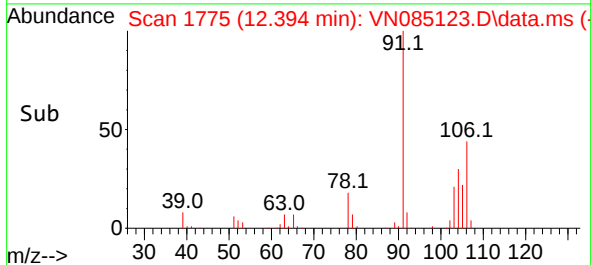
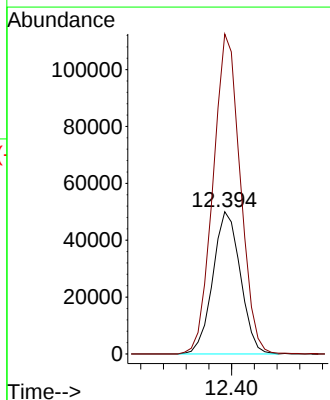
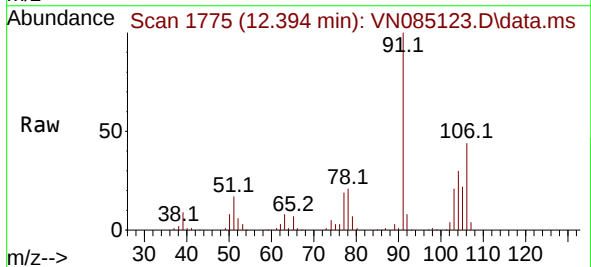
Instrument :
MSVOA_N
ClientSampleId :
ICVVN120624

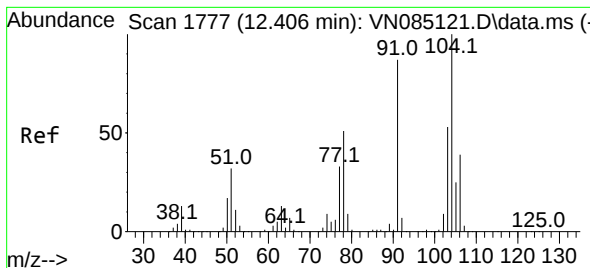
Tgt Ion:106 Resp: 182990
Ion Ratio Lower Upper
106 100
91 207.4 165.0 247.4



#68
o-Xylene
Concen: 22.492 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

Tgt Ion:106 Resp: 84266
Ion Ratio Lower Upper
106 100
91 222.2 112.1 336.4





#69

Styrene

Concen: 22.822 ug/l

RT: 12.412 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN085123.D

Acq: 06 Dec 2024 12:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN120624

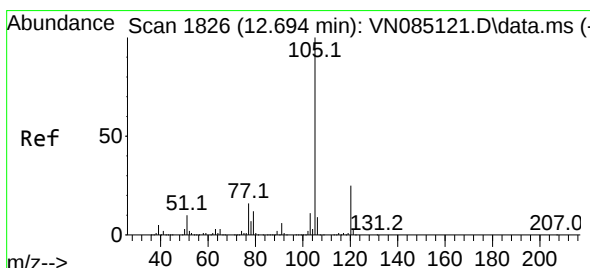
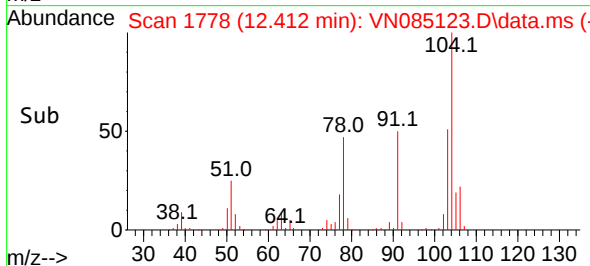
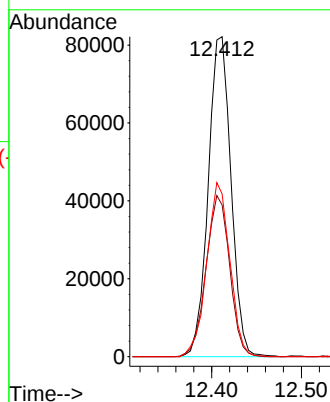
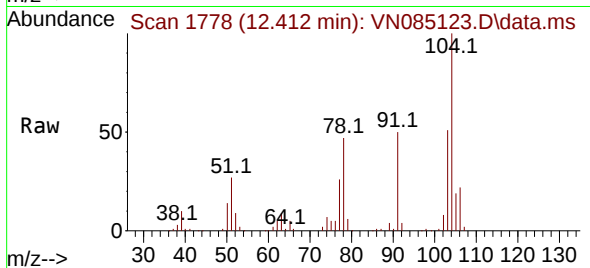
Tgt Ion:104 Resp: 145082

Ion Ratio Lower Upper

104 100

78 52.2 42.3 63.5

103 55.1 44.4 66.6



#70

Isopropylbenzene

Concen: 22.540 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN085123.D

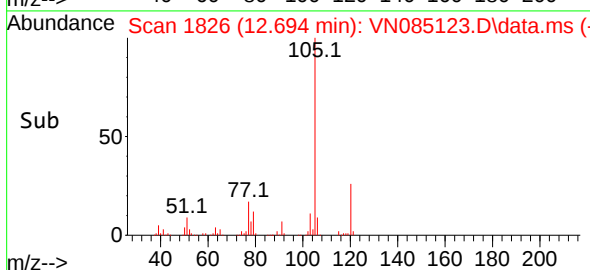
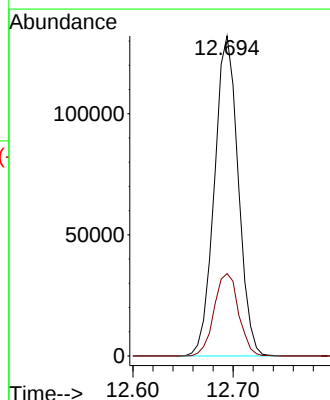
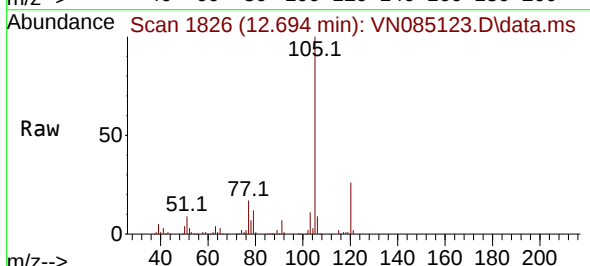
Acq: 06 Dec 2024 12:28

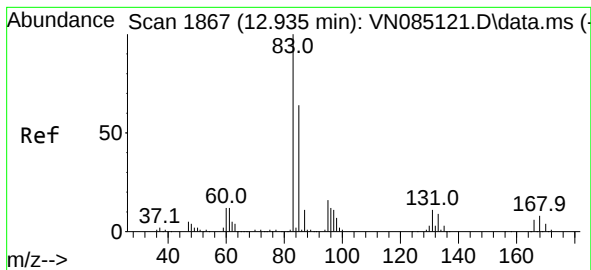
Tgt Ion:105 Resp: 217804

Ion Ratio Lower Upper

105 100

120 26.4 18.3 33.9

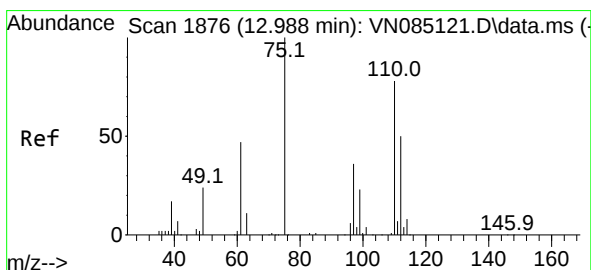
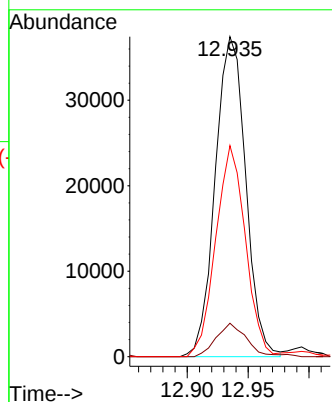
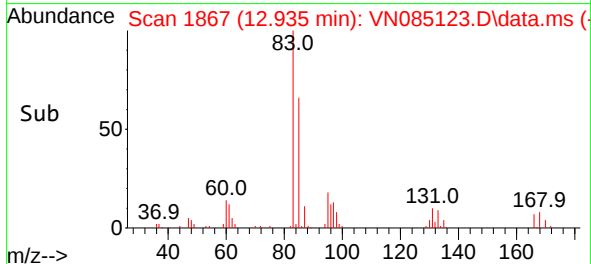
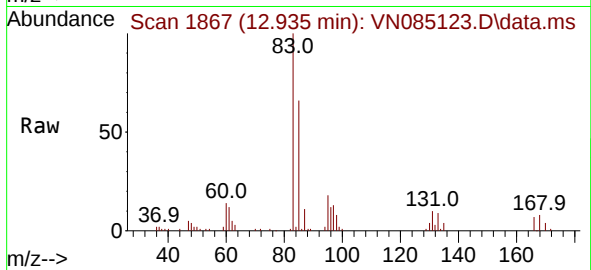




#71
1,1,2,2-Tetrachloroethane
Concen: 22.210 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

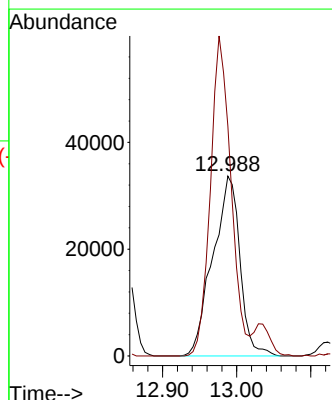
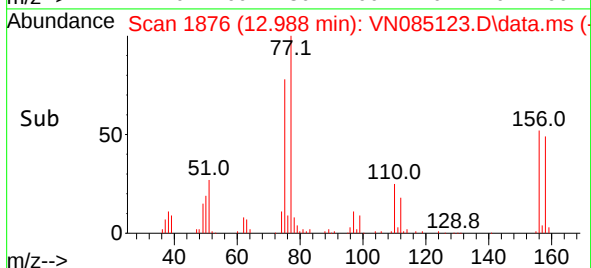
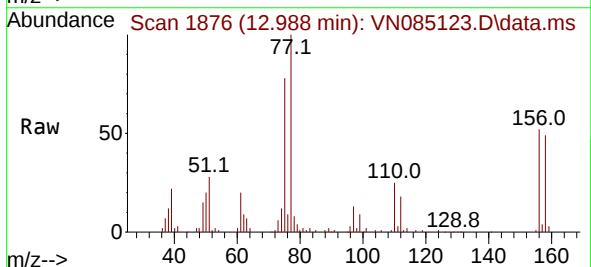
Instrument :
MSVOA_N
ClientSampleId :
ICVVN120624

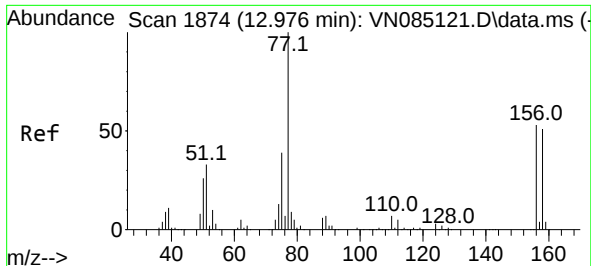
Tgt Ion: 83 Resp: 65321
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.3
85 64.0 31.1 93.5



#72
1,2,3-Trichloropropane
Concen: 29.489 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

Tgt Ion: 75 Resp: 85676
Ion Ratio Lower Upper
75 100
77 135.1 0.0 339.0

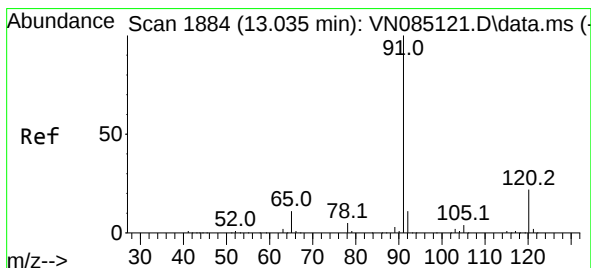
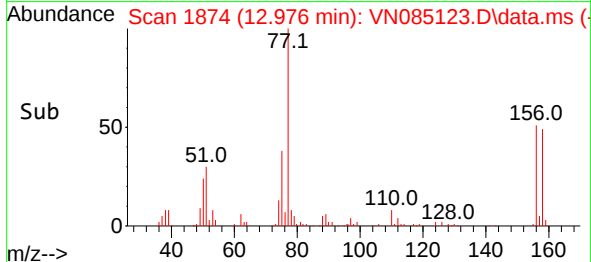
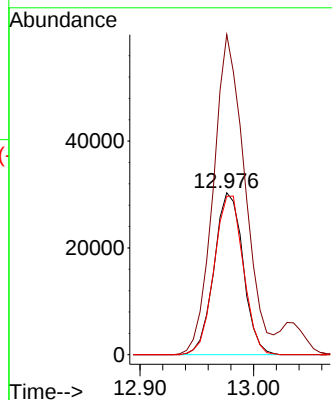
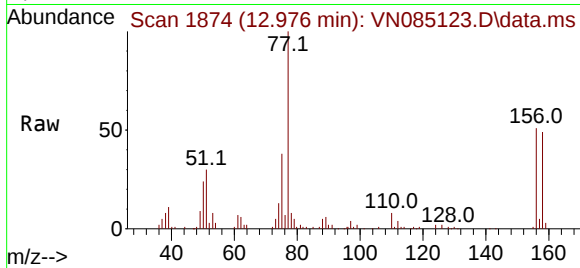




#73
Bromobenzene
Concen: 22.241 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

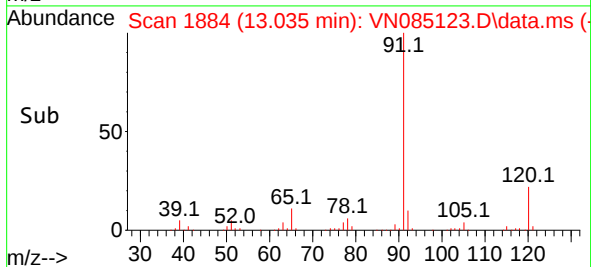
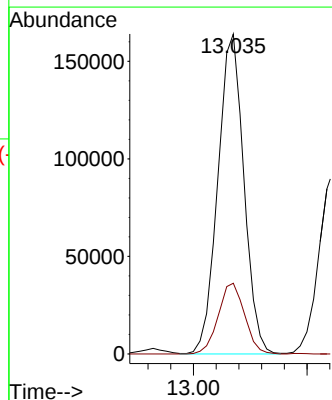
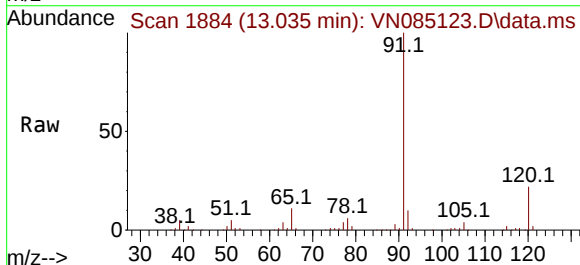
Instrument :
MSVOA_N
ClientSampleId :
ICVVN120624

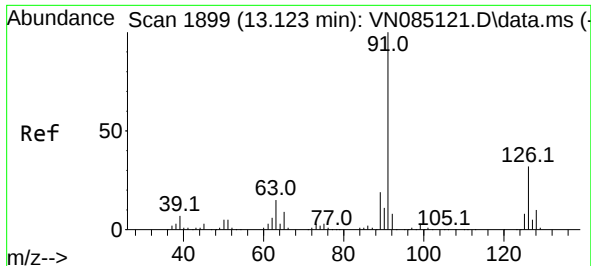
Tgt Ion:156 Resp: 53832
Ion Ratio Lower Upper
156 100
77 215.0 0.0 430.4
158 99.0 0.0 195.2



#74
n-propylbenzene
Concen: 22.470 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

Tgt Ion: 91 Resp: 261027
Ion Ratio Lower Upper
91 100
120 22.3 0.0 44.0

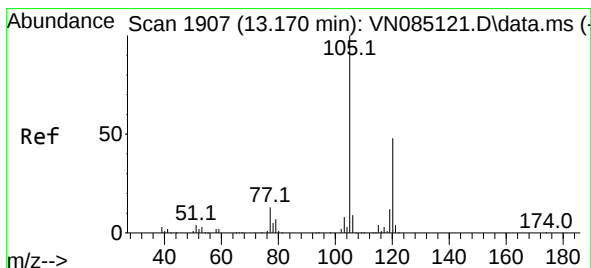
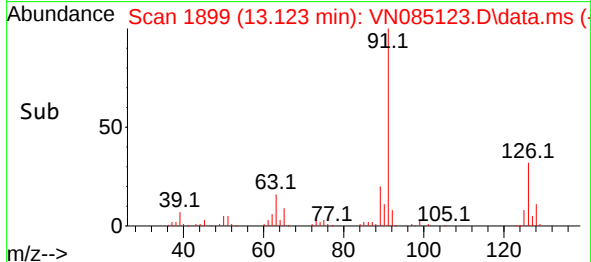
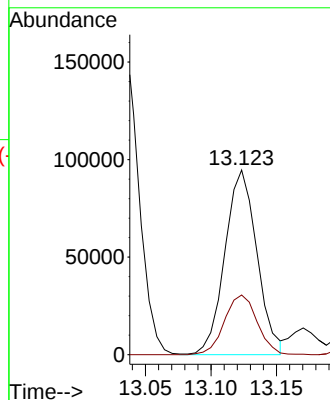
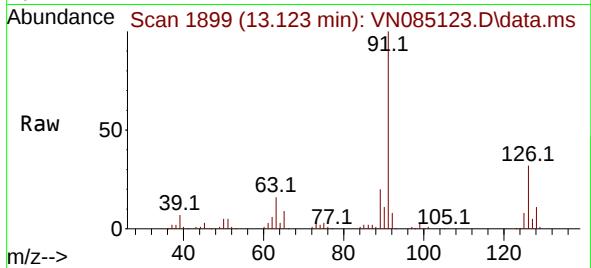




#75
2-Chlorotoluene
Concen: 22.446 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

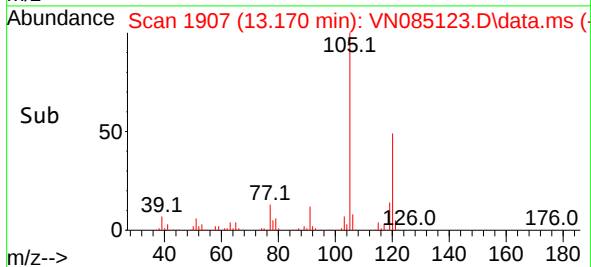
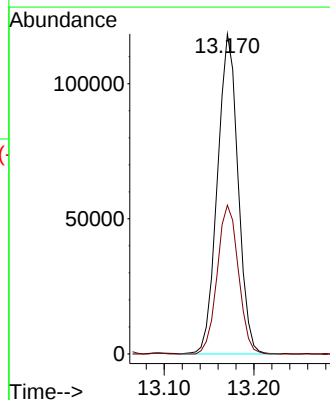
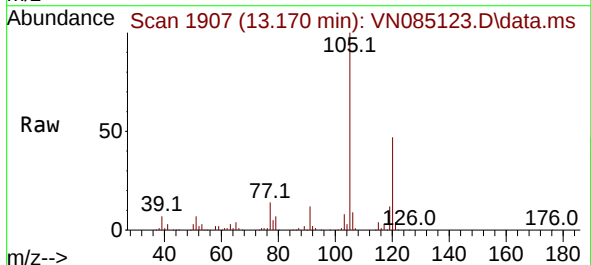
Instrument :
MSVOA_N
ClientSampleId :
ICVVN120624

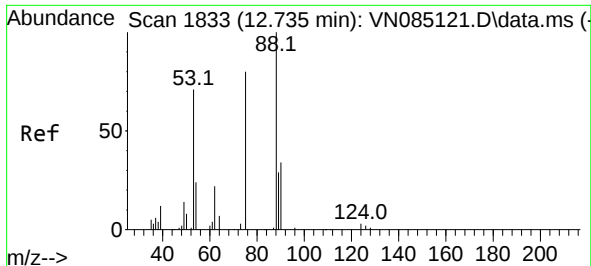
Tgt Ion: 91 Resp: 161221
Ion Ratio Lower Upper
91 100
126 32.9 0.0 64.2



#76
1,3,5-Trimethylbenzene
Concen: 22.843 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

Tgt Ion:105 Resp: 189105
Ion Ratio Lower Upper
105 100
120 47.7 0.0 94.4

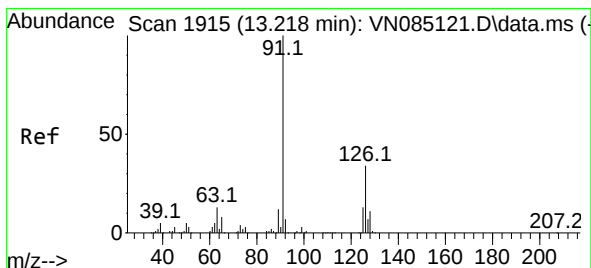
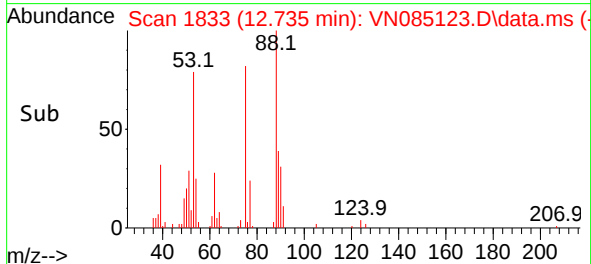
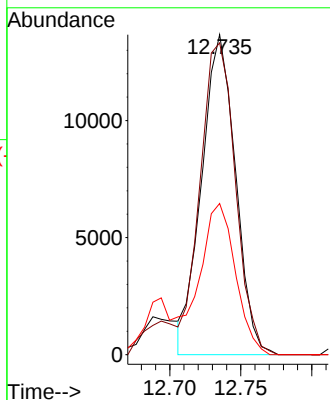
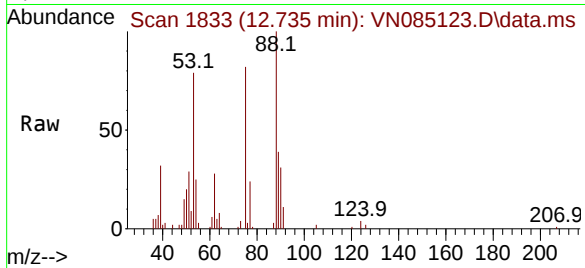




#77
t-1,4-Dichloro-2-butene
Concen: 21.535 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

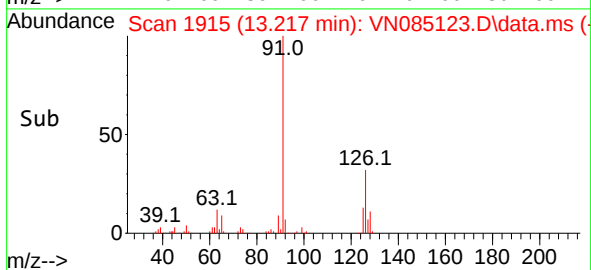
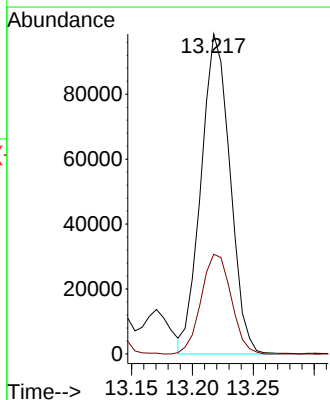
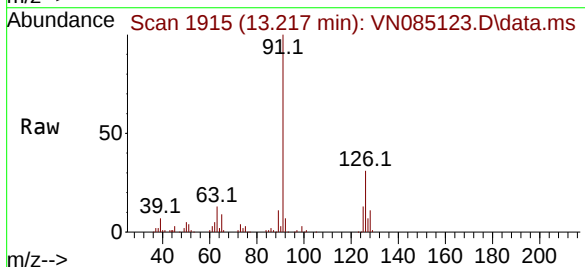
Instrument :
MSVOA_N
ClientSampleId :
ICVVN120624

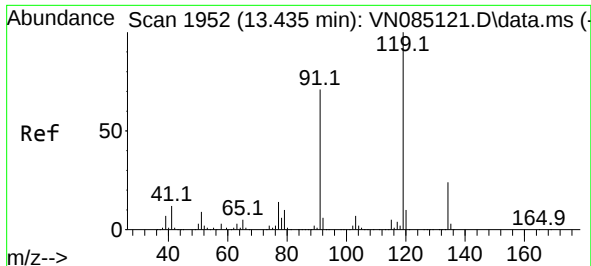
Tgt Ion: 75 Resp: 22735
Ion Ratio Lower Upper
75 100
53 97.4 49.1 147.3
89 47.2 22.9 68.5



#78
4-Chlorotoluene
Concen: 22.456 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

Tgt Ion: 91 Resp: 163711
Ion Ratio Lower Upper
91 100
126 32.1 0.0 64.4

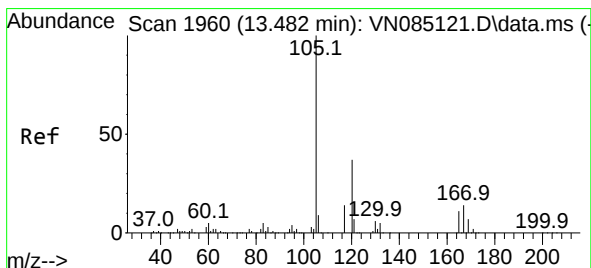
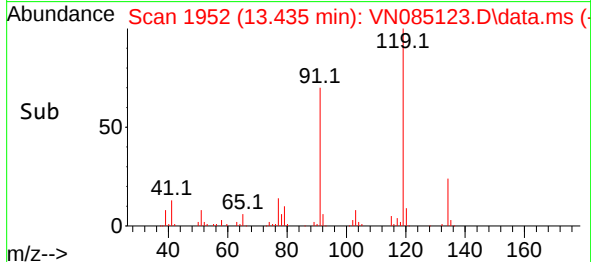
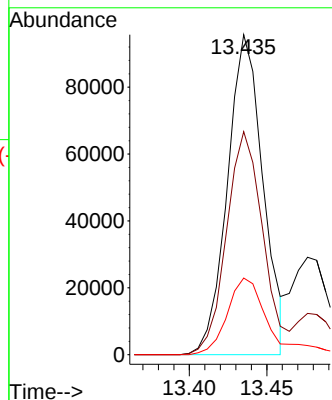
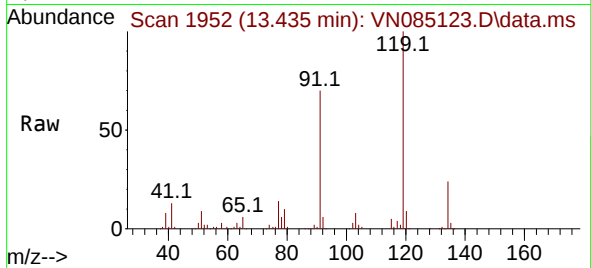




#79
tert-butylbenzene
Concen: 22.471 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

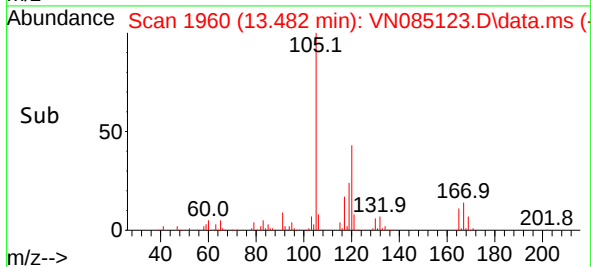
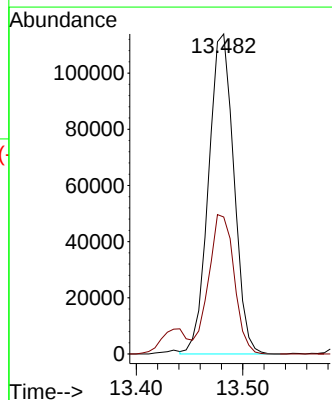
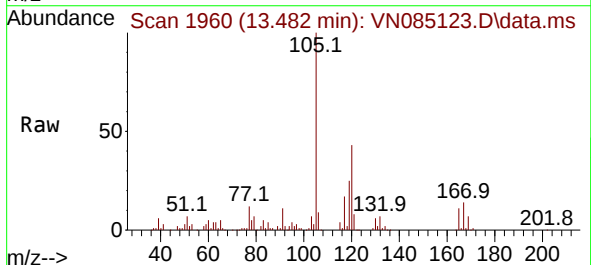
Instrument :
MSVOA_N
ClientSampleId :
ICVVN120624

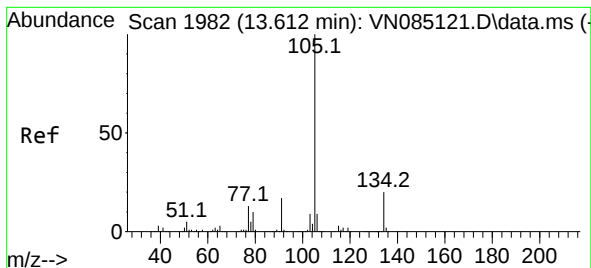
Tgt Ion:119 Resp: 152793
Ion Ratio Lower Upper
119 100
91 71.6 0.0 139.2
134 25.0 0.0 48.0



#80
1,2,4-Trimethylbenzene
Concen: 22.992 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

Tgt Ion:105 Resp: 188016
Ion Ratio Lower Upper
105 100
120 43.7 0.0 87.4





#81

sec-Butylbenzene

Concen: 22.925 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VN085123.D

Acq: 06 Dec 2024 12:28

Instrument :

MSVOA_N

ClientSampleId :

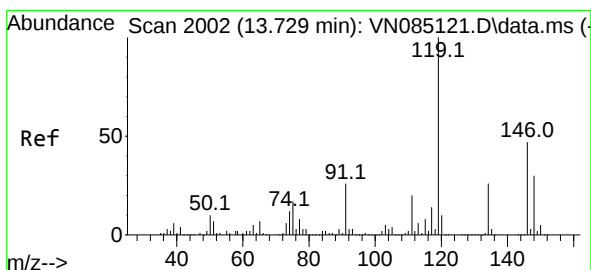
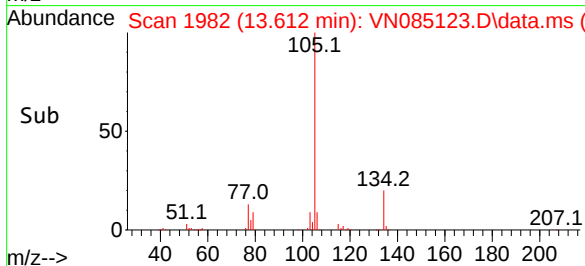
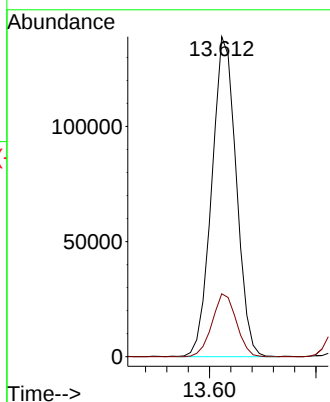
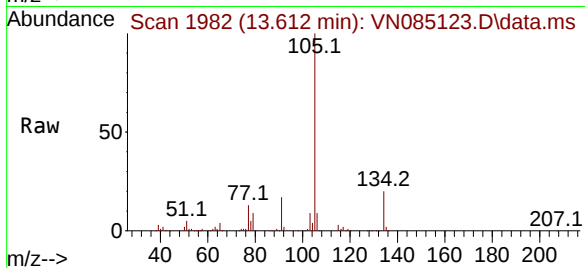
ICVVN120624

Tgt Ion:105 Resp: 221463

Ion Ratio Lower Upper

105 100

134 19.4 0.0 38.0



#82

p-Isopropyltoluene

Concen: 22.702 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085123.D

Acq: 06 Dec 2024 12:28

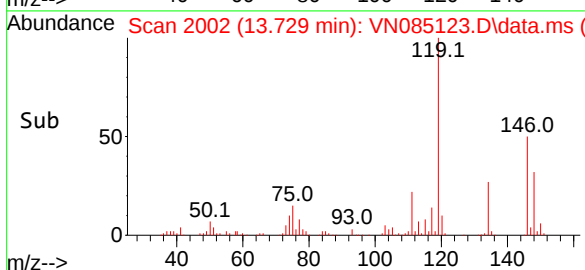
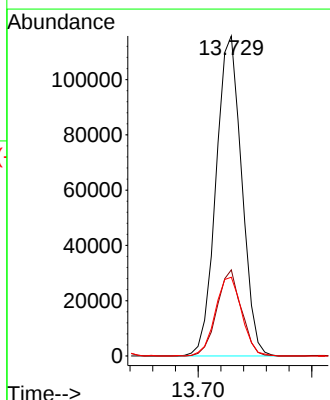
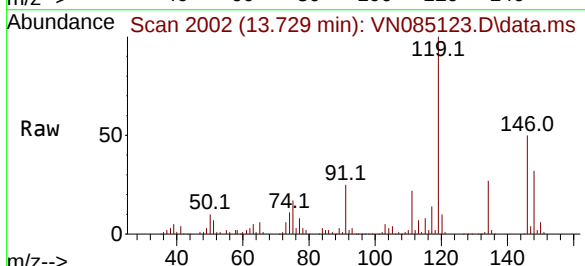
Tgt Ion:119 Resp: 181815

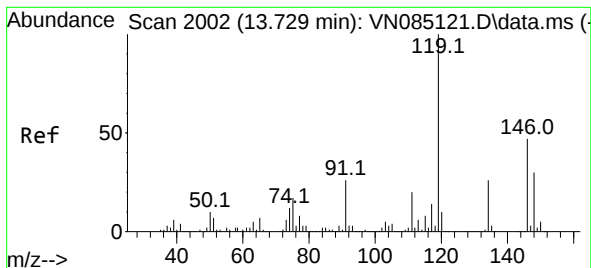
Ion Ratio Lower Upper

119 100

134 25.6 0.0 51.6

91 25.5 0.0 50.4





#83

1,3-Dichlorobenzene

Concen: 21.763 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085123.D

Acq: 06 Dec 2024 12:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN120624

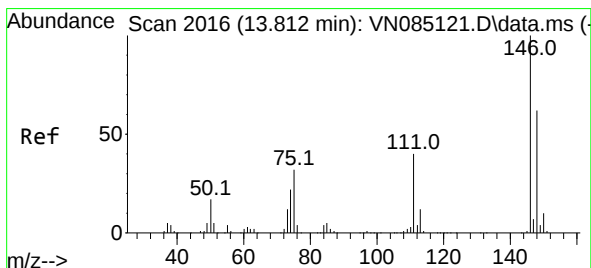
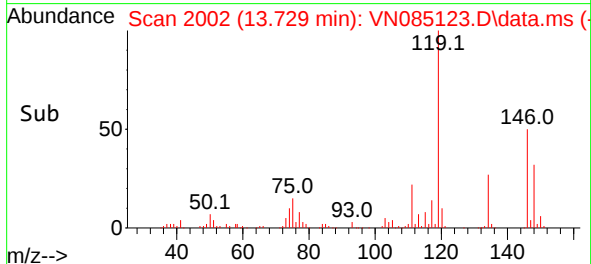
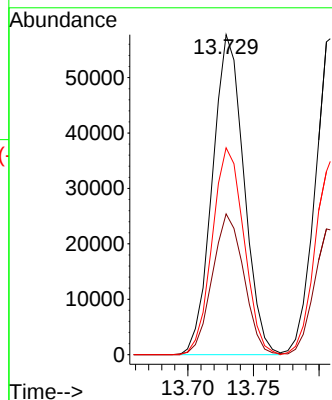
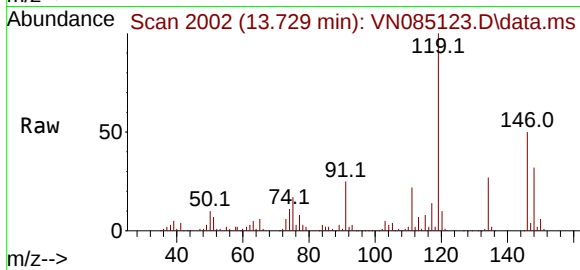
Tgt Ion:146 Resp: 96640

Ion Ratio Lower Upper

146 100

111 44.0 21.1 63.3

148 64.8 31.8 95.3



#84

1,4-Dichlorobenzene

Concen: 22.651 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN085123.D

Acq: 06 Dec 2024 12:28

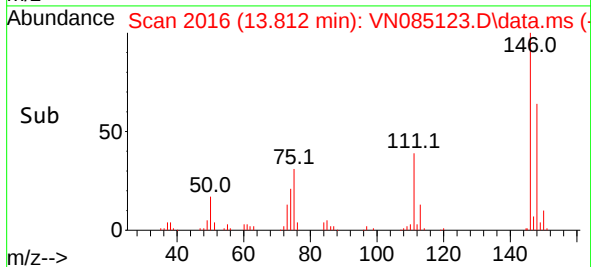
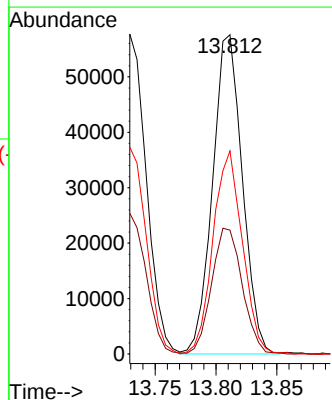
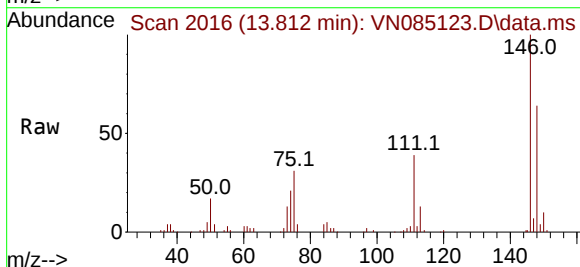
Tgt Ion:146 Resp: 98028

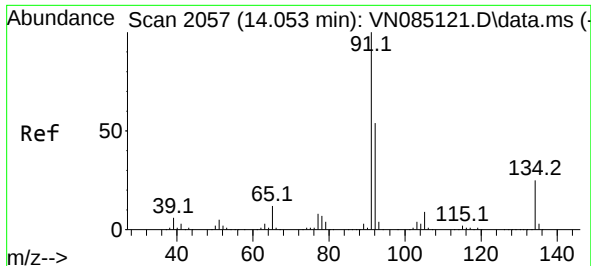
Ion Ratio Lower Upper

146 100

111 39.8 20.1 60.3

148 62.6 31.6 94.7





#85

n-Butylbenzene

Concen: 22.118 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN085123.D

Acq: 06 Dec 2024 12:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN120624

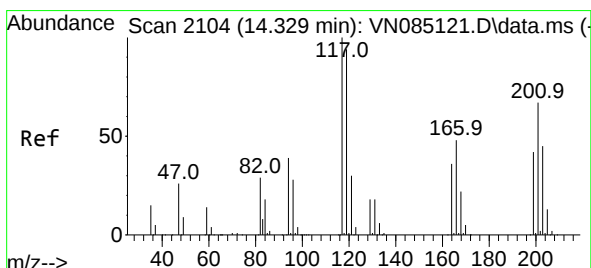
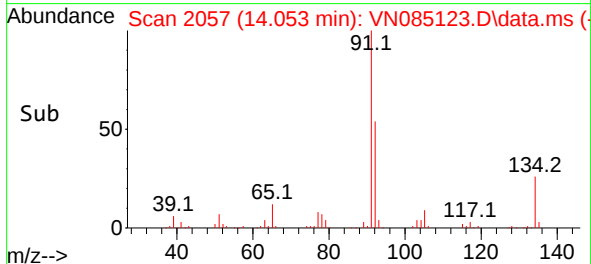
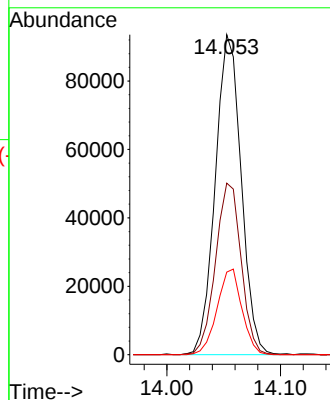
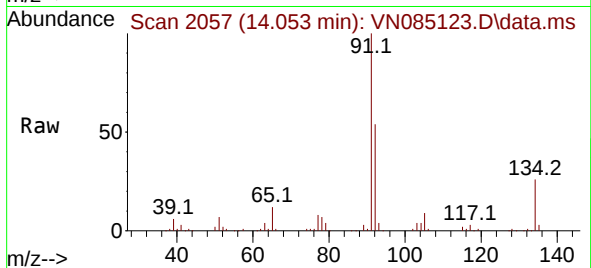
Tgt Ion: 91 Resp: 148587

Ion Ratio Lower Upper

91 100

92 52.9 0.0 104.0

134 25.6 0.0 49.2



#86

Hexachloroethane

Concen: 21.642 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN085123.D

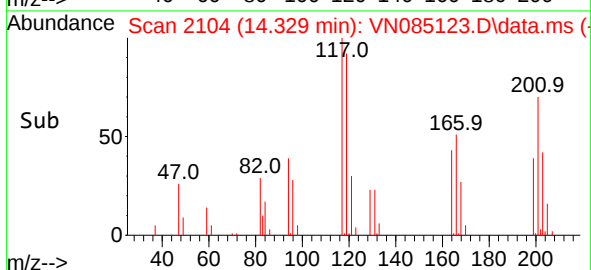
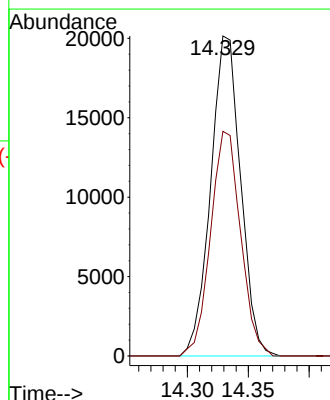
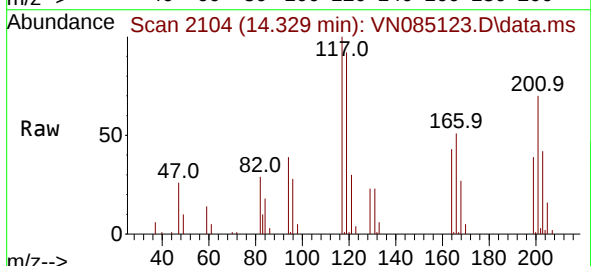
Acq: 06 Dec 2024 12:28

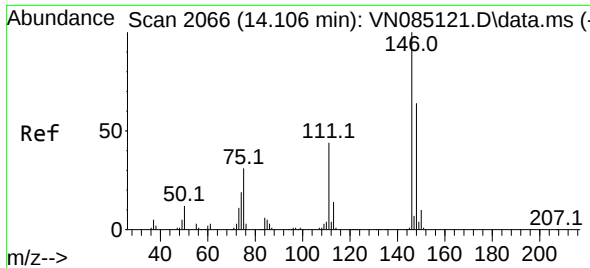
Tgt Ion: 117 Resp: 34505

Ion Ratio Lower Upper

117 100

201 70.3 34.1 102.3

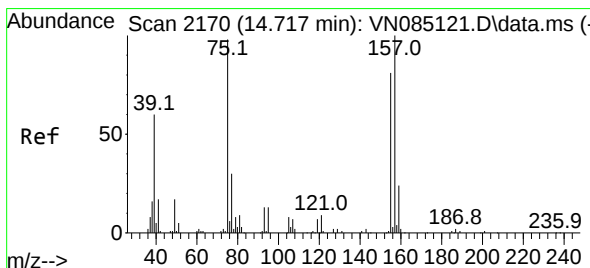
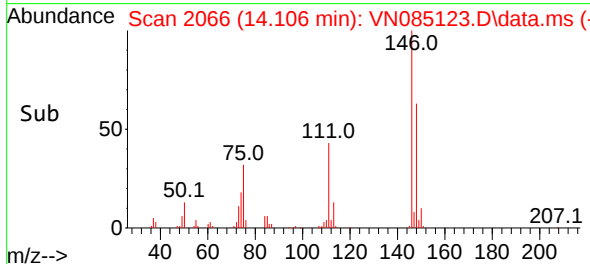
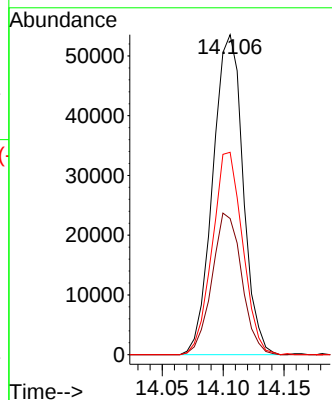
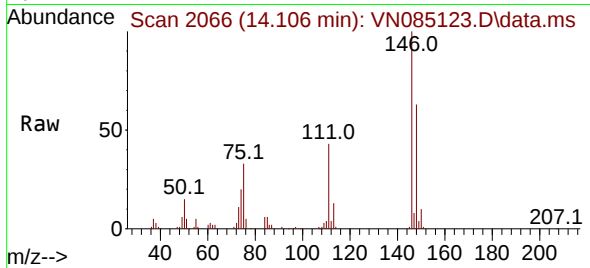




#87
1,2-Dichlorobenzene
Concen: 22.016 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

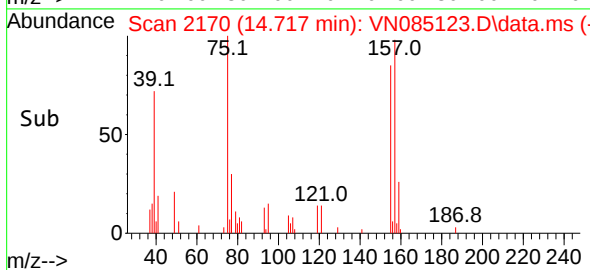
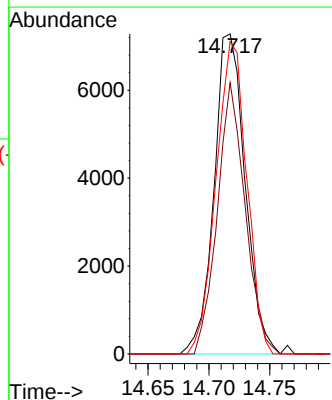
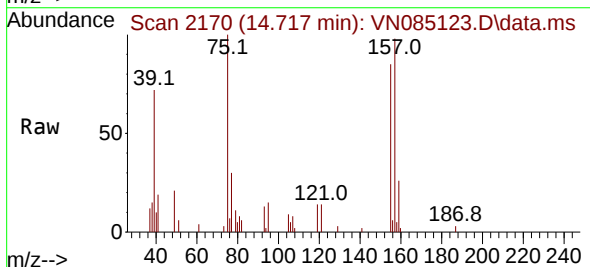
Instrument :
MSVOA_N
ClientSampleId :
ICVVN120624

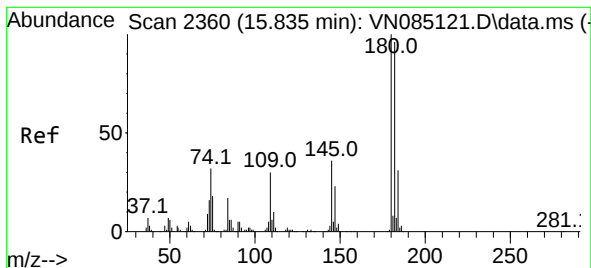
Tgt Ion:146 Resp: 92278
Ion Ratio Lower Upper
146 100
111 43.6 21.9 65.7
148 63.5 32.4 97.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 22.003 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN085123.D
Acq: 06 Dec 2024 12:28

Tgt Ion: 75 Resp: 12928
Ion Ratio Lower Upper
75 100
155 76.2 62.1 93.1
157 96.4 79.3 118.9





#89

1,2,4-Trichlorobenzene

Concen: 23.026 ug/l

RT: 15.835 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN085123.D

Acq: 06 Dec 2024 12:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN120624

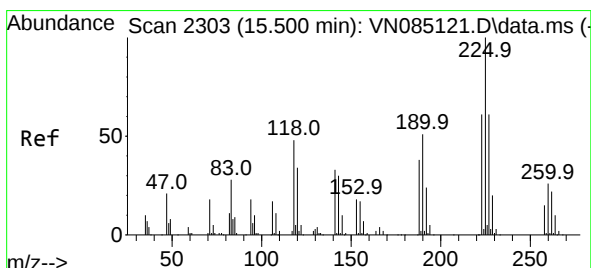
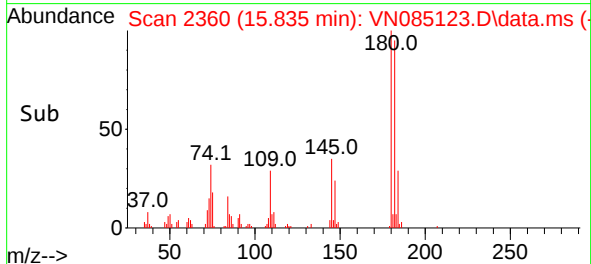
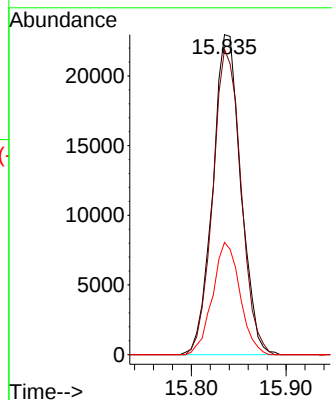
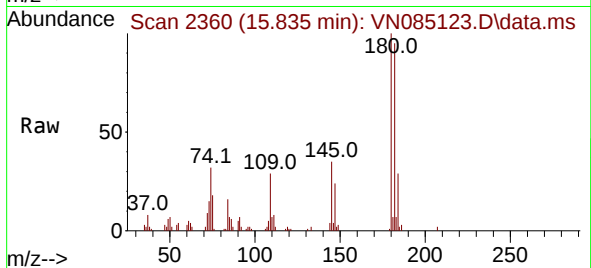
Tgt Ion:180 Resp: 47265

Ion Ratio Lower Upper

180 100

182 95.7 74.0 111.0

145 34.2 28.6 43.0



#90

Hexachlorobutadiene

Concen: 23.121 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN085123.D

Acq: 06 Dec 2024 12:28

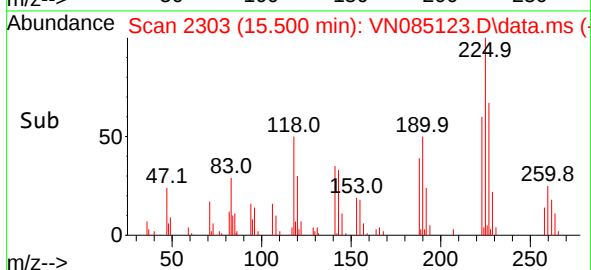
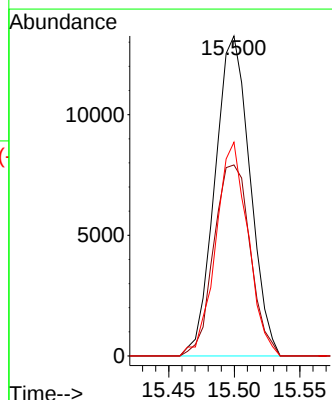
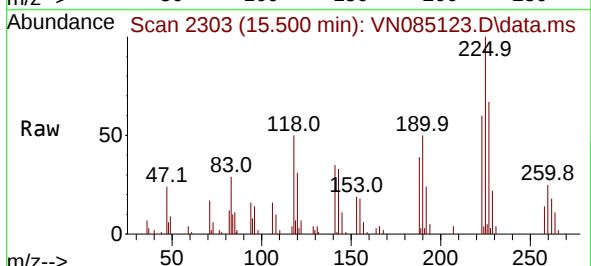
Tgt Ion:225 Resp: 24662

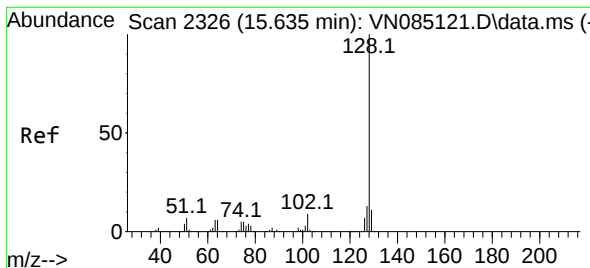
Ion Ratio Lower Upper

225 100

223 62.1 0.0 121.8

227 61.4 0.0 126.8





#91

Naphthalene

Concen: 22.886 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN085123.D

Acq: 06 Dec 2024 12:28

Instrument :

MSVOA_N

ClientSampleId :

ICVVN120624

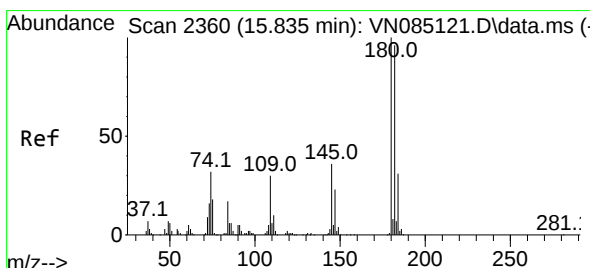
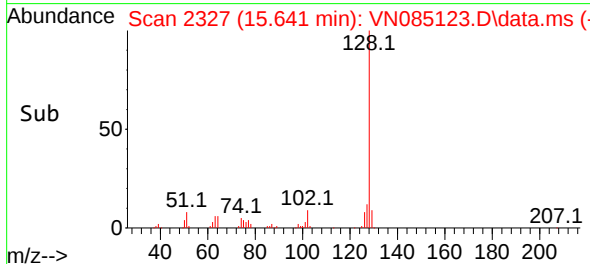
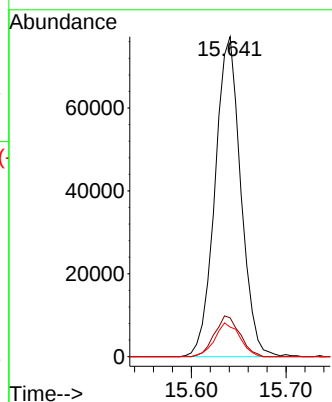
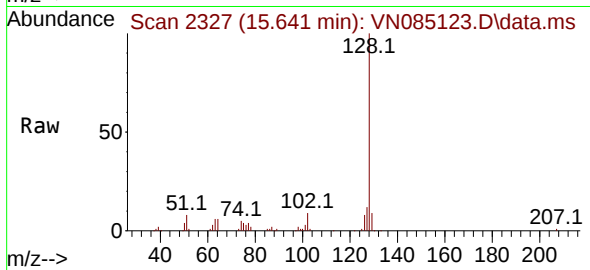
Tgt Ion:128 Resp: 145950

Ion Ratio Lower Upper

128 100

127 12.6 11.0 16.4

129 10.3 8.7 13.1



#92

1,2,3-Trichlorobenzene

Concen: 23.026 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085123.D

Acq: 06 Dec 2024 12:28

Tgt Ion:180 Resp: 47265

Ion Ratio Lower Upper

180 100

182 95.7 0.0 185.0

145 34.2 0.0 71.6

