

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122024\
 Data File : VN085272.D
 Acq On : 20 Dec 2024 10:05
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Dec 21 01:40:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Dec 21 01:29:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	29925	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	147950	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	134950	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	78890	29.968	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.900%
60) 4-Bromofluorobenzene	12.847	95	63148	28.888	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.300%
63) Toluene-d8	10.565	98	206247	31.299	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.333%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	11972	4.785	ug/l	93
3) Chloromethane	2.360	50	13552	5.364	ug/l	96
4) Vinyl Chloride	2.513	62	13662	5.326	ug/l	92
5) Bromomethane	2.954	94	8400	5.602	ug/l	99
6) Chloroethane	3.118	64	9071	5.602	ug/l	97
7) Trichlorofluoromethane	3.501	101	18255	5.180	ug/l	93
8) Diethyl Ether	3.960	74	5921	4.878	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	10482	5.180	ug/l	91
10) 1,1-Dichloroethene	4.336	96	9284m	5.022	ug/l	
11) Methyl Iodide	4.589	142	8960	4.044	ug/l	90
12) Methyl Acetate	5.012	43	12634m	4.580	ug/l	
13) Acrolein	4.177	56	8162	33.117	ug/l #	63
14) Acrylonitrile	5.724	53	23999	22.475	ug/l	99
15) Acetone	4.436	58	6761m	25.100	ug/l	
16) Carbon Disulfide	4.707	76	29834	5.309	ug/l	96
17) Allyl chloride	5.024	41	13971	4.672	ug/l	89
18) Methylene Chloride	5.277	84	11918	5.410	ug/l	89
19) trans-1,2-Dichloroethene	5.789	96	9407	4.892	ug/l #	76
20) Diisopropyl ether	6.665	45	31084	4.535	ug/l #	93
21) 1,1-Dichloroethane	6.571	63	20511	5.119	ug/l #	89
22) cis-1,2-Dichloroethene	7.483	96	11156	4.872	ug/l	100
23) tert-Butyl Alcohol	5.518	59	7725m	21.952	ug/l	
24) Methyl tert-Butyl Ether	5.795	73	26125	4.305	ug/l #	66
25) Chloroform	7.965	83	21418	5.273	ug/l	98
26) Cyclohexane	8.253	56	12906	4.225	ug/l #	97
29) 1,1-Dichloropropene	8.365	75	12620	4.913	ug/l #	62
30) 2-Butanone	7.477	43	31835	23.479	ug/l #	63
31) 2,2-Dichloropropane	7.489	77	16976	5.215	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	18325	5.488	ug/l	99
33) Carbon Tetrachloride	8.359	117	15855	5.424	ug/l	84
34) Benzene	8.606	78	43060	5.303	ug/l	93
35) Methacrylonitrile	7.783	41	7309m	4.869	ug/l	
36) 1,2-Dichloroethane	8.665	62	16492	5.617	ug/l	98
37) Trichloroethene	9.347	130	9449	5.289	ug/l	99
38) Methylcyclohexane	9.600	83	12207	4.592	ug/l	99
39) 1,2-Dichloropropane	9.624	63	10877	5.265	ug/l	94
40) Dibromomethane	9.706	93	7832	5.438	ug/l	99
41) Bromodichloromethane	9.883	83	15902	5.283	ug/l	99
42) Vinyl Acetate	6.601	43	104153	21.761	ug/l	99

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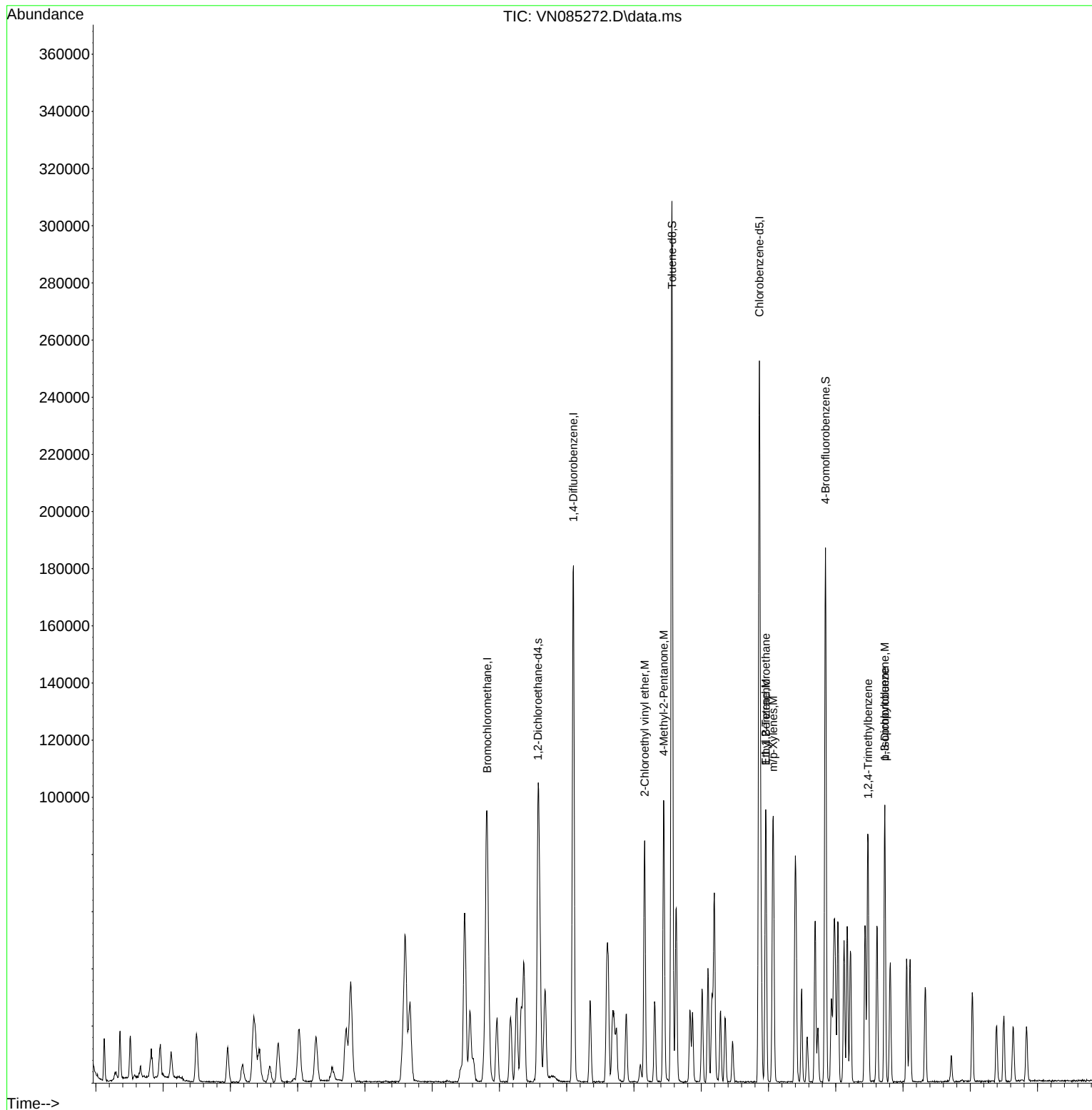
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	13903	4.958	ug/l	98
44) Isopropyl Acetate	8.683	43	22675	4.868	ug/l	95
45) 1,4-Dioxane	9.700	88	3355	92.601	ug/l #	83
46) Methyl methacrylate	9.677	41	9500	4.394	ug/l	91
47) n-amyl Acetate	12.494	43	15955	4.021	ug/l	95
48) t-1,3-Dichloropropene	10.830	75	14385	4.838	ug/l	95
49) cis-1,3-Dichloropropene	10.306	75	15948	4.989	ug/l	93
50) 1,1,2-Trichloroethane	11.012	97	10385	5.513	ug/l	89
51) Ethyl methacrylate	10.871	69	11450	4.019	ug/l	87
52) 1,3-Dichloropropane	11.159	76	16708	5.081	ug/l	97
53) Dibromochloromethane	11.359	129	11724	5.312	ug/l	98
54) 1,2-Dibromoethane	11.465	107	9241	5.069	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	34874	23.763	ug/l	99
56) Bromoform	12.577	173	7486	5.199	ug/l #	92
58) 4-Methyl-2-Pentanone	10.442	43	63871	23.347	ug/l	99
59) 2-Hexanone	11.194	43	44133	22.206	ug/l	95
61) Tetrachloroethene	11.106	164	8697	5.773	ug/l	86
62) Toluene	10.624	91	44448	5.361	ug/l	99
64) Chlorobenzene	11.888	112	26160	5.232	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.959	131	9761	5.383	ug/l	96
66) Ethyl Benzene	11.959	91	40717	4.667	ug/l	97
67) m/p-Xylenes	12.071	106	29599	9.044	ug/l	99
68) o-Xylene	12.394	106	14496	4.650	ug/l	96
69) Styrene	12.412	104	21997	4.175	ug/l	95
70) Isopropylbenzene	12.694	105	33727	4.309	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	15703	5.656	ug/l	94
72) 1,2,3-Trichloropropane	12.994	75	13741m	5.523	ug/l	
73) Bromobenzene	12.977	156	9490	4.907	ug/l	93
74) n-propylbenzene	13.035	91	43948	4.507	ug/l	98
75) 2-Chlorotoluene	13.124	91	27159	4.623	ug/l	99
76) 1,3,5-Trimethylbenzene	13.171	105	28562	4.276	ug/l	99
77) t-1,4-Dichloro-2-butene	12.730	75	4250	4.401	ug/l	93
78) 4-Chlorotoluene	13.218	91	27799	4.654	ug/l	100
79) tert-butylbenzene	13.435	119	23802	4.357	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	27501	4.138	ug/l	95
81) sec-Butylbenzene	13.612	105	33950	4.305	ug/l	98
82) p-Isopropyltoluene	13.730	119	26904	4.142	ug/l	98
83) 1,3-Dichlorobenzene	13.730	146	17432	4.833	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	16668	4.777	ug/l	98
85) n-Butylbenzene	14.053	91	22425	3.999	ug/l	97
86) Hexachloroethane	14.329	117	7051	5.057	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	16417	4.791	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.724	75	2281m	4.501	ug/l	
89) 1,2,4-Trichlorobenzene	15.841	180	6811	4.196	ug/l	96
90) Hexachlorobutadiene	15.500	225	4533	5.602	ug/l	97
91) Naphthalene	15.641	128	17764	3.406	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	6811	4.196	ug/l	96

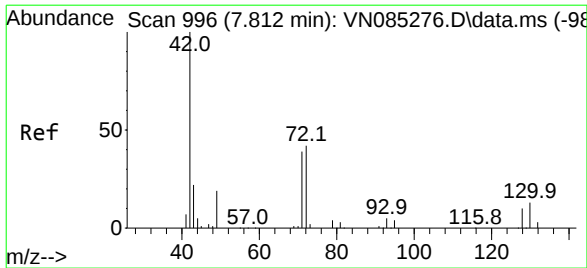
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDICC005

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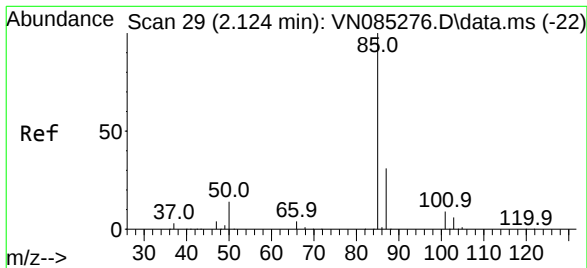
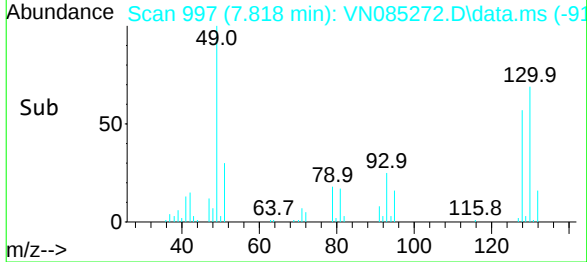
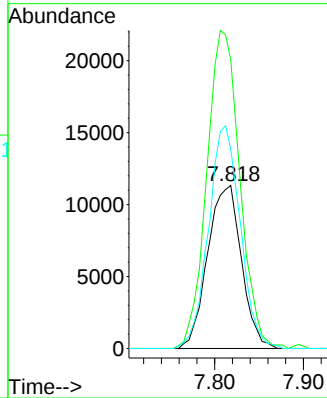
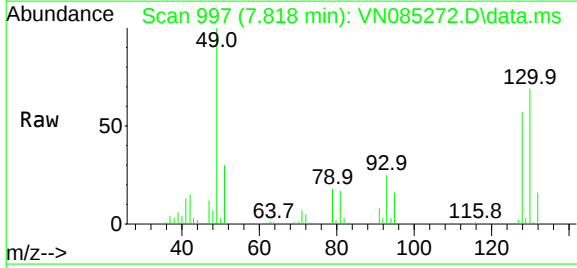




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 99
Delta R.T. 0.006 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

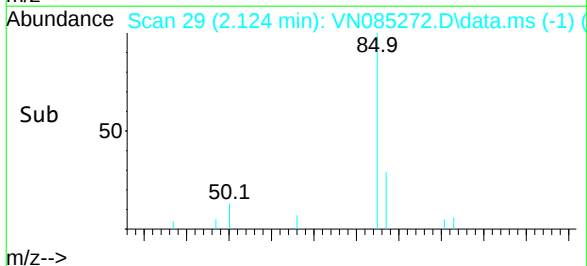
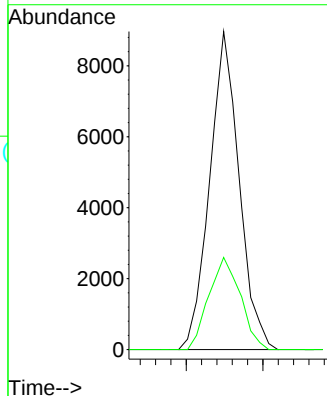
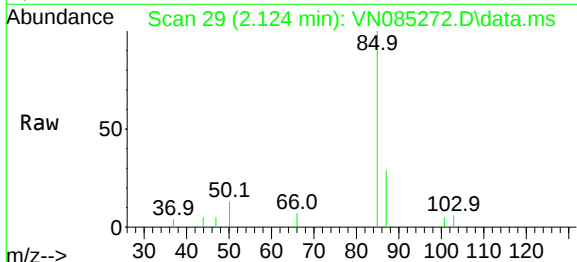
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MSVOA_N
ClientSampleId :
VSTDICC005

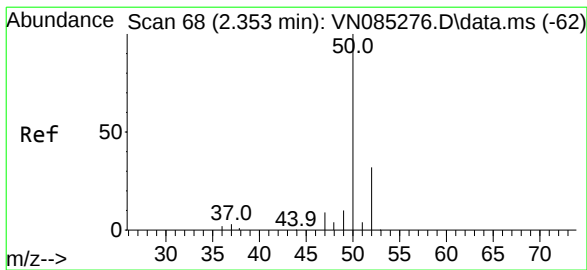
Tgt Ion	Ratio	Lower	Upper
128	100		
49	190.1	0.0	497.8
130	128.8	0.0	328.5



#2
Dichlorodifluoromethane
Concen: 4.785 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

Tgt Ion	Ratio	Lower	Upper
85	100		
87	29.0	16.5	49.5





#3

Chloromethane

Concen: 5.364 ug/l

RT: 2.360 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN085272.D

Acq: 20 Dec 2024 10:05

Instrument :

MSVOA_N

ClientSampleId :

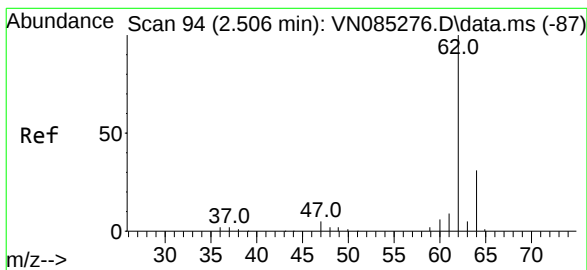
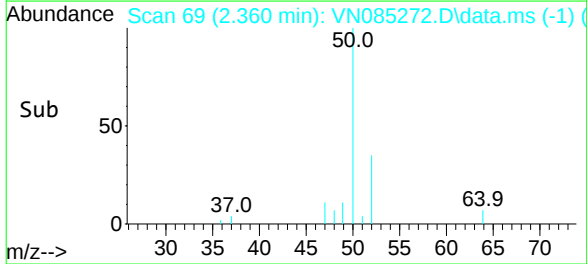
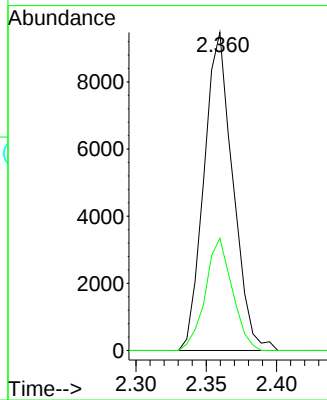
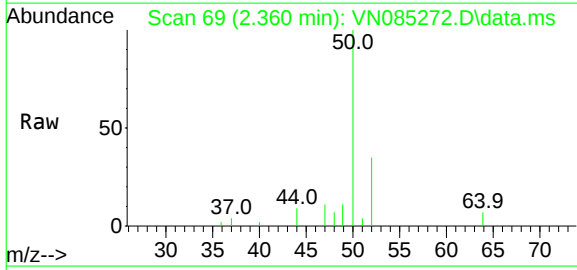
VSTDICC005

Tgt Ion: 50 Resp: 13552

Ion Ratio Lower Upper

50 100

52 35.2 26.5 39.7



#4

Vinyl Chloride

Concen: 5.326 ug/l

RT: 2.513 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN085272.D

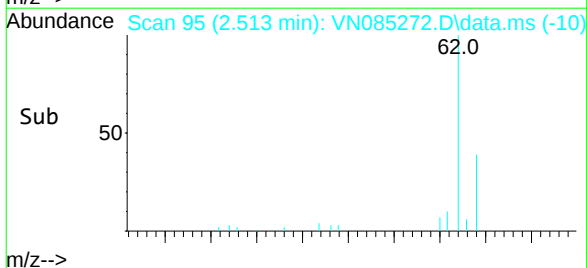
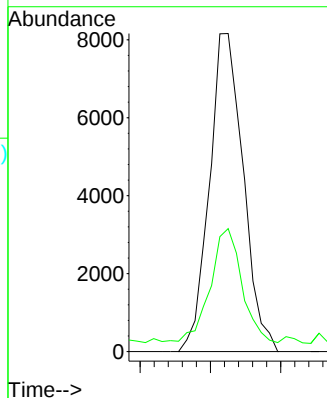
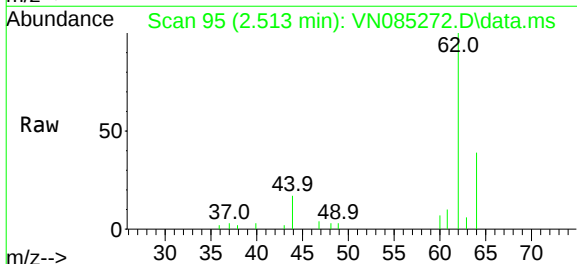
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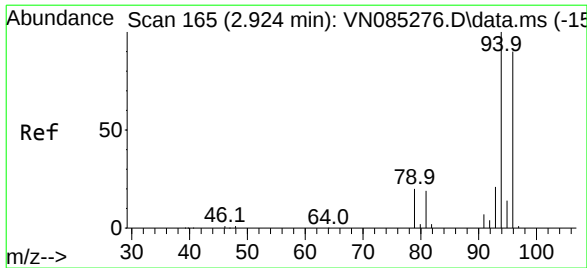
Tgt Ion: 62 Resp: 13662

Ion Ratio Lower Upper

62 100

64 35.9 25.0 37.4

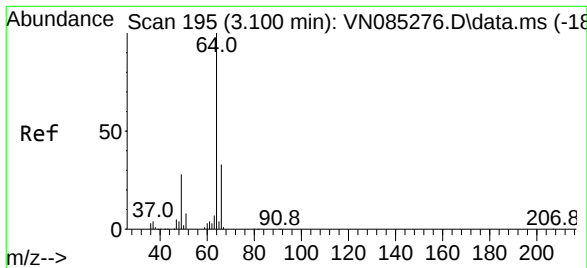
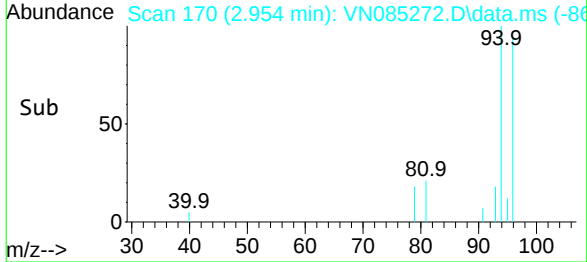
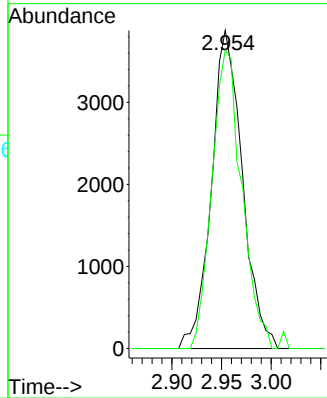
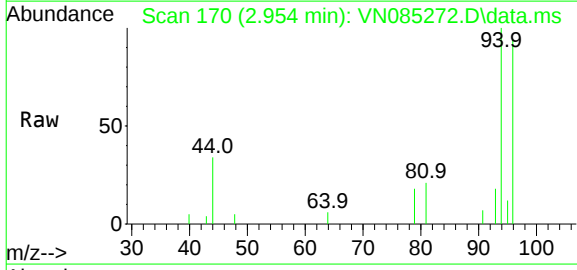




#5
Bromomethane
Concen: 5.602 ug/l
RT: 2.954 min Scan# 17
Delta R.T. -0.006 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

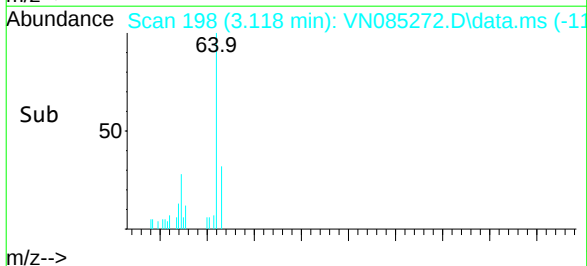
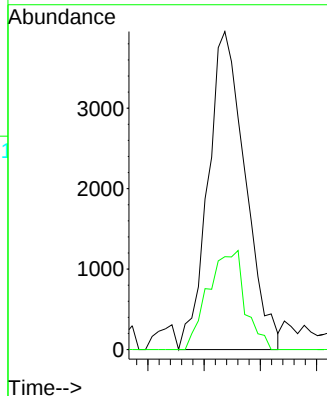
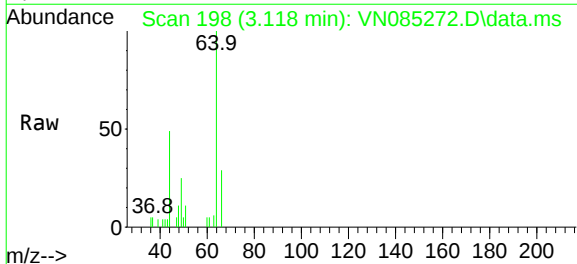
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

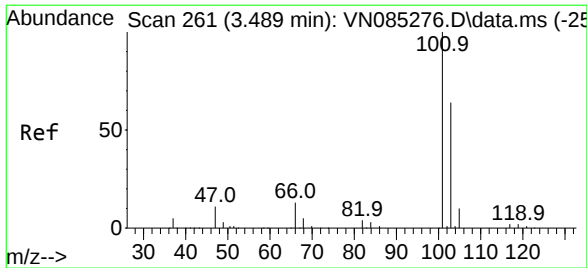
Tgt Ion: 94 Resp: 8400
Ion Ratio Lower Upper
94 100
96 93.8 75.6 113.4



#6
Chloroethane
Concen: 5.602 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

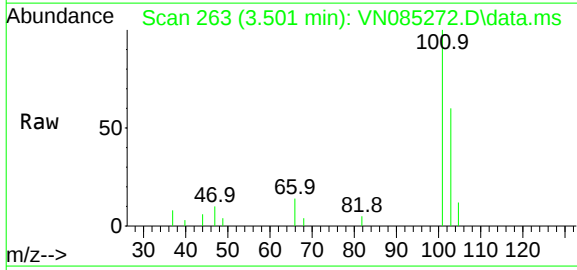
Tgt Ion: 64 Resp: 9071
Ion Ratio Lower Upper
64 100
66 29.2 22.2 33.4



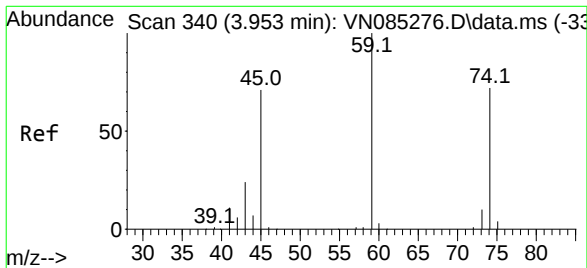
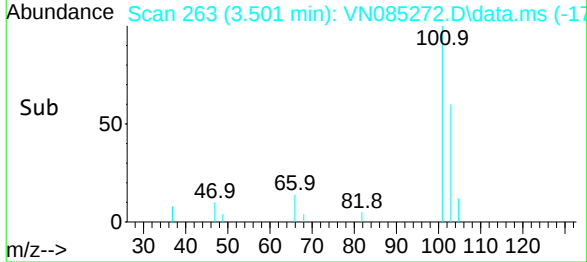
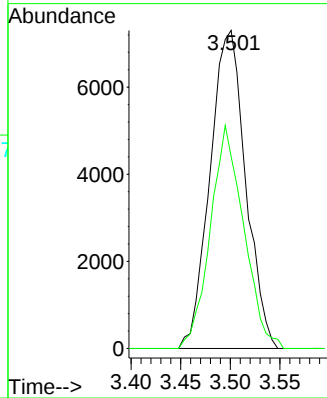


#7
 Trichlorofluoromethane
 Concen: 5.180 ug/l
 RT: 3.501 min Scan# 261
 Delta R.T. 0.000 min
 Lab File: VN085272.D
 Acq: 20 Dec 2024 10:05

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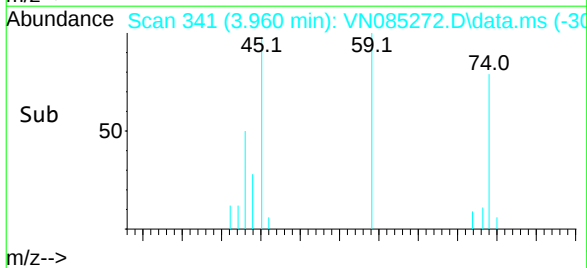
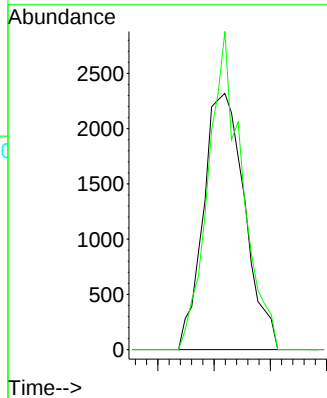
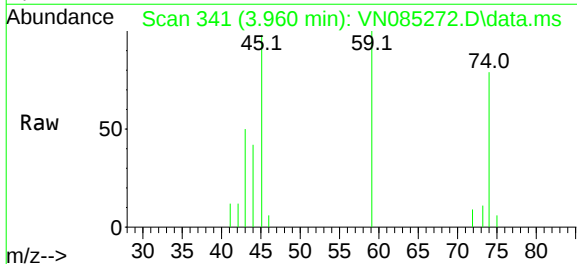


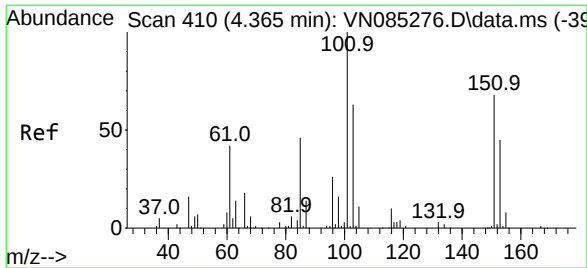
Tgt Ion: 101 Resp: 18255
 Ion Ratio Lower Upper
 101 100
 103 60.4 52.6 78.8



#8
 Diethyl Ether
 Concen: 4.878 ug/l
 RT: 3.960 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN085272.D
 Acq: 20 Dec 2024 10:05

Tgt Ion: 74 Resp: 5921
 Ion Ratio Lower Upper
 74 100
 45 102.2 20.8 187.6

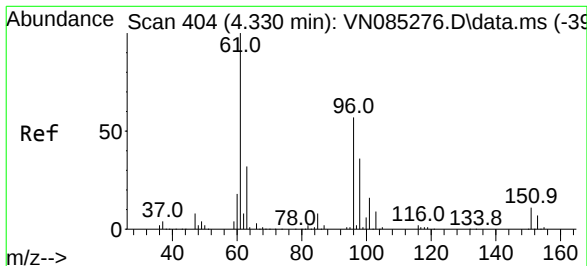
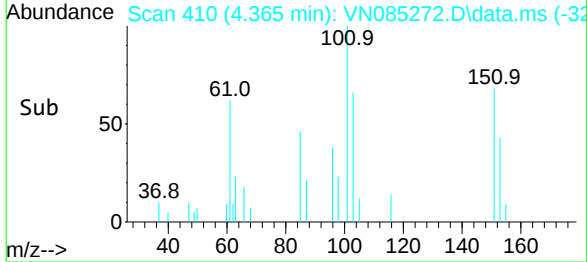
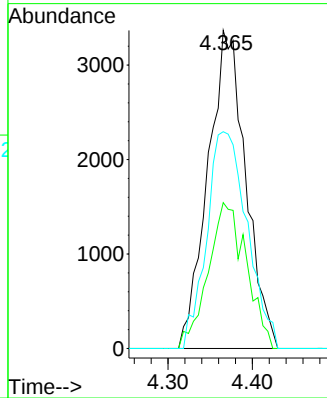
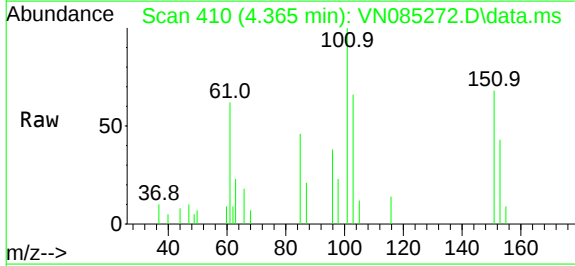




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.180 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN085272.D
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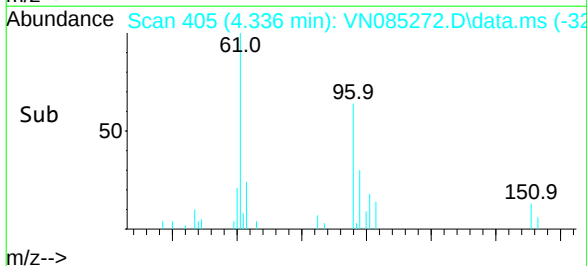
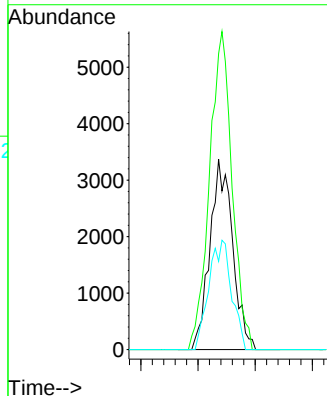
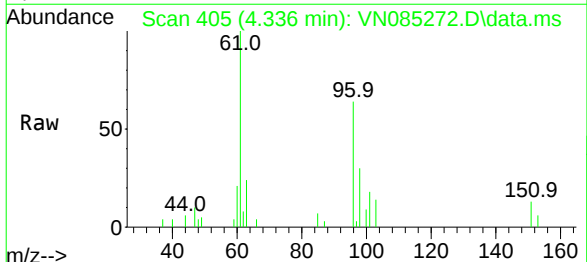
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ClientSampleId :
VSTDIC005

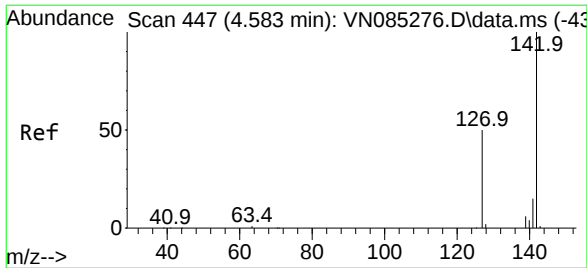
Tgt Ion:	101	Resp:	10482
Ion	Ratio	Lower	Upper
101	100		
85	34.4	0.0	96.6
151	73.0	0.0	147.4



#10
1,1-Dichloroethene
Concen: 5.022 ug/l m
RT: 4.336 min Scan# 405
Delta R.T. -0.005 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

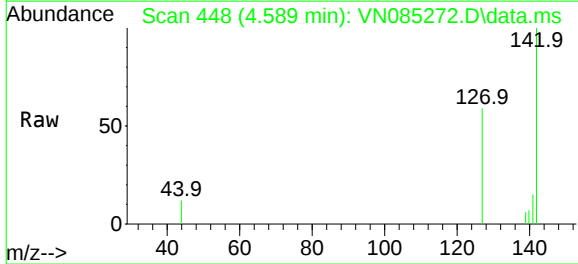
Tgt Ion:	96	Resp:	9284
Ion	Ratio	Lower	Upper
96	100		
61	155.5	145.9	218.9
98	46.4	51.9	77.9#



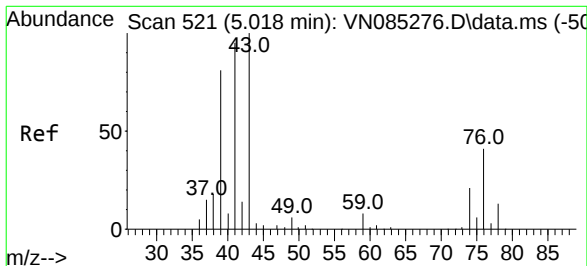
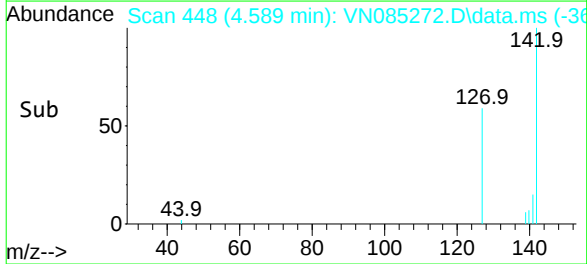
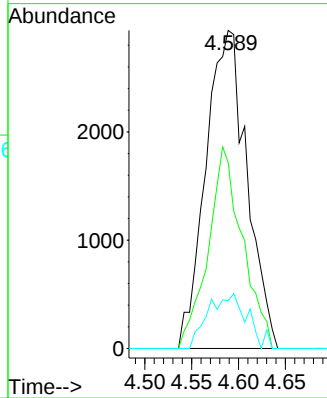


#11
Methyl Iodide
Concen: 4.044 ug/l
RT: 4.589 min Scan# 44
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

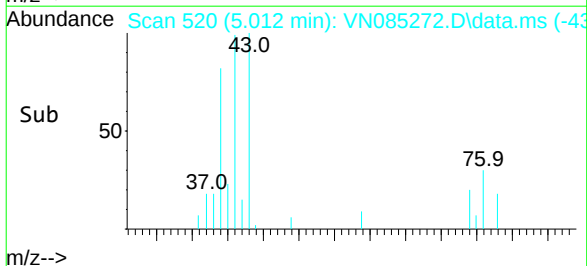
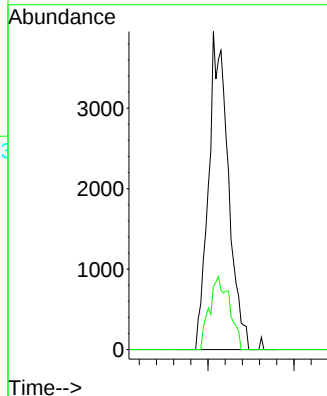
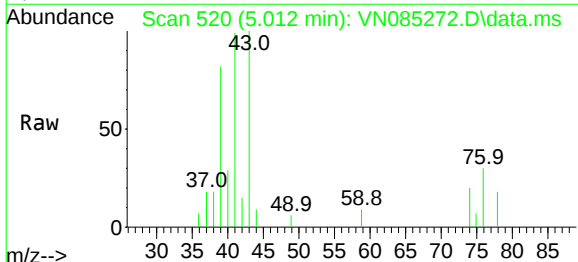


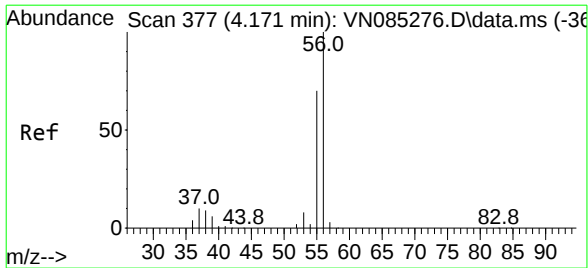
Tgt Ion:142 Resp: 8960
Ion Ratio Lower Upper
142 100
127 58.5 25.1 75.4
141 15.0 6.9 20.7



#12
Methyl Acetate
Concen: 4.580 ug/l m
RT: 5.012 min Scan# 520
Delta R.T. -0.011 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

Tgt Ion: 43 Resp: 12634
Ion Ratio Lower Upper
43 100
74 19.9 20.5 30.7#





#13

Acrolein

Concen: 33.117 ug/l

RT: 4.177 min Scan# 37

Delta R.T. -0.005 min

Lab File: VN085272.D

Acq: 20 Dec 2024 10:05

Instrument :

MSVOA_N

ClientSampleId :

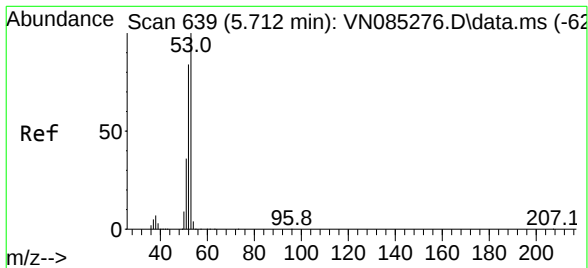
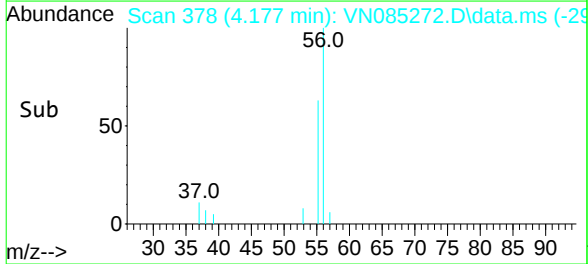
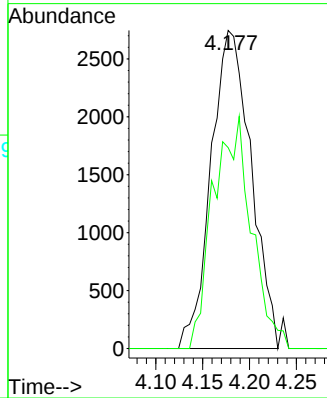
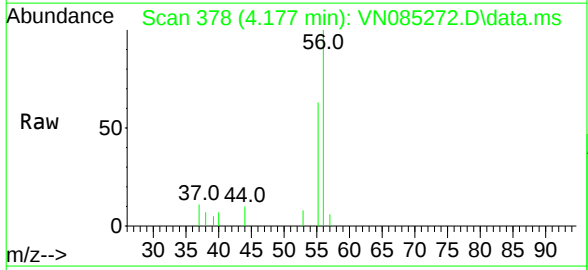
VSTDICC005

Tgt Ion: 56 Resp: 8162

Ion Ratio Lower Upper

56 100

55 40.4 56.8 85.2#



#14

Acrylonitrile

Concen: 22.475 ug/l

RT: 5.724 min Scan# 641

Delta R.T. 0.006 min

Lab File: VN085272.D

Acq: 20 Dec 2024 10:05

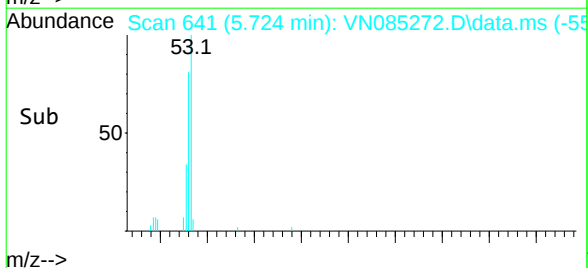
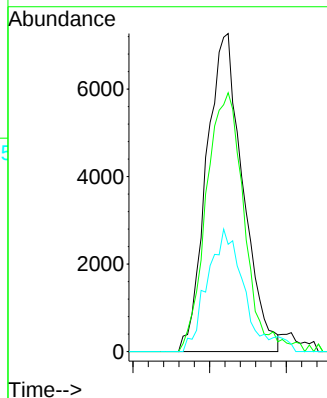
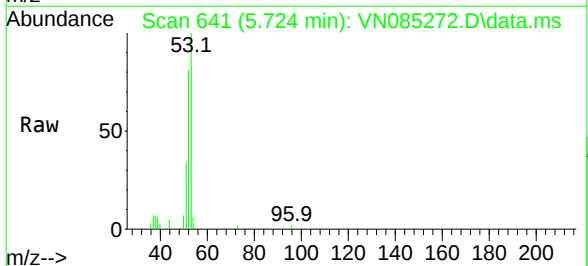
Tgt Ion: 53 Resp: 23999

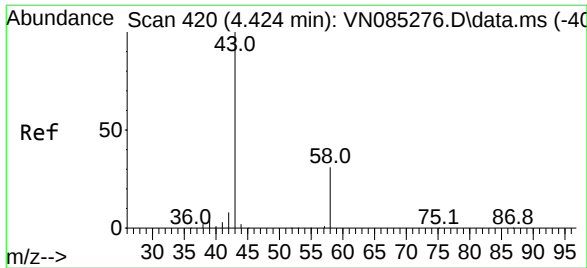
Ion Ratio Lower Upper

53 100

52 82.1 41.6 124.8

51 37.1 18.1 54.4





#15

Acetone

Concen: 25.100 ug/l m

RT: 4.436 min Scan# 42

Delta R.T. 0.006 min

Lab File: VN085272.D

Acq: 20 Dec 2024 10:05

Instrument :

MSVOA_N

ClientSampleId :

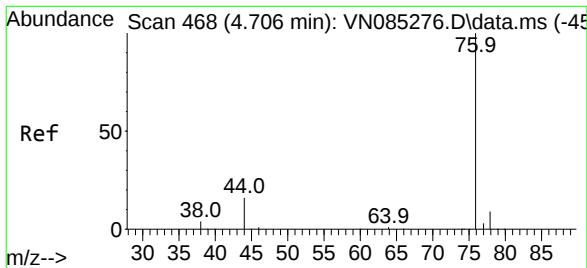
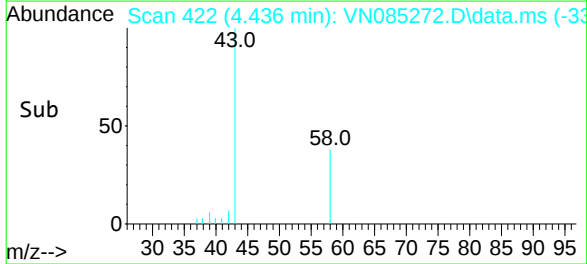
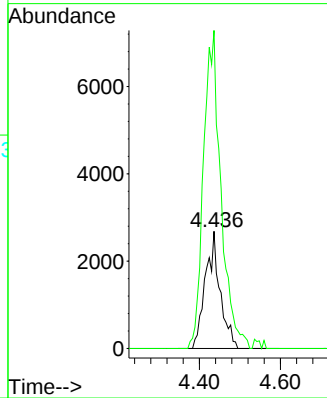
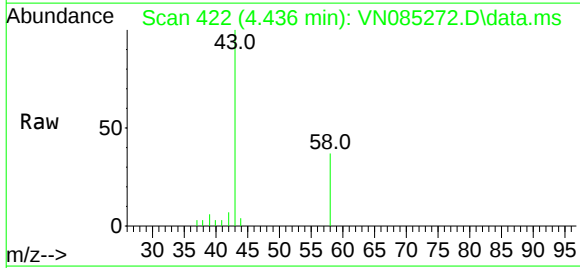
VSTDICC005

Tgt Ion: 58 Resp: 6761

Ion Ratio Lower Upper

58 100

43 271.3 258.8 388.2



#16

Carbon Disulfide

Concen: 5.309 ug/l

RT: 4.707 min Scan# 468

Delta R.T. -0.005 min

Lab File: VN085272.D

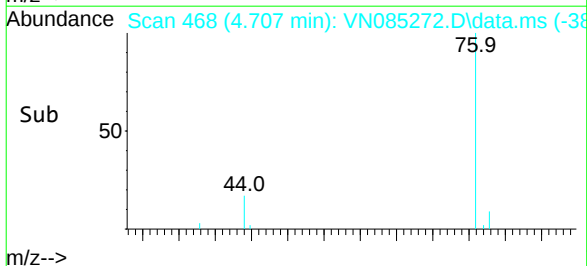
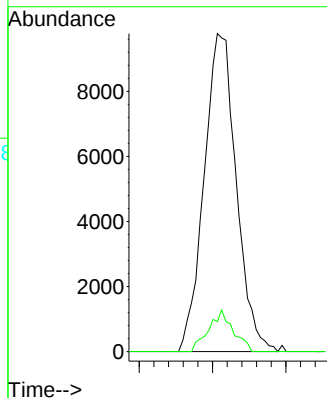
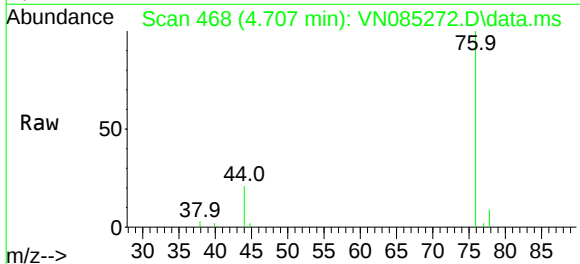
Acq: 20 Dec 2024 10:05

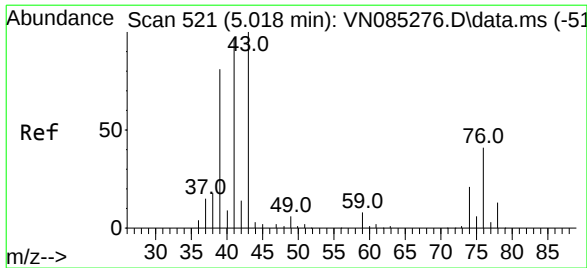
Tgt Ion: 76 Resp: 29834

Ion Ratio Lower Upper

76 100

78 9.5 6.6 9.8

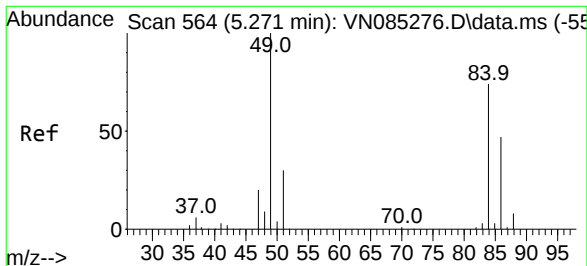
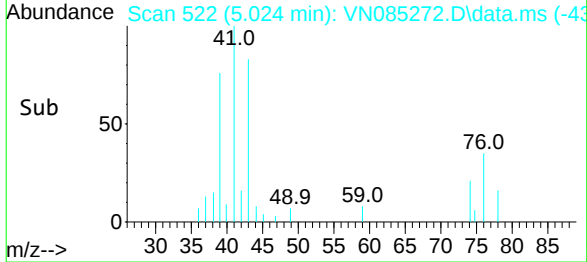
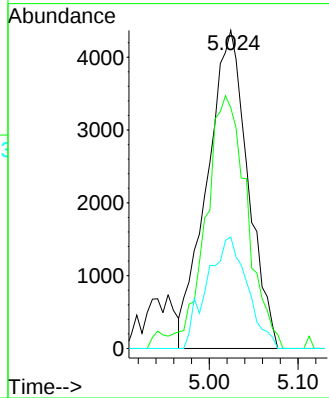
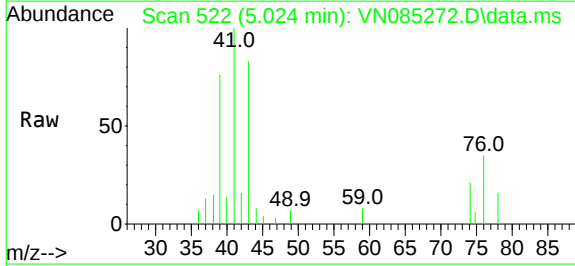




#17
 Allyl chloride
 Concen: 4.672 ug/l
 RT: 5.024 min Scan# 521
 Delta R.T. 0.000 min
 Lab File: VN085272.D
 Acq: 20 Dec 2024 10:05

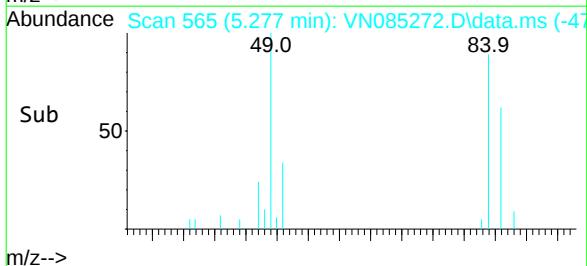
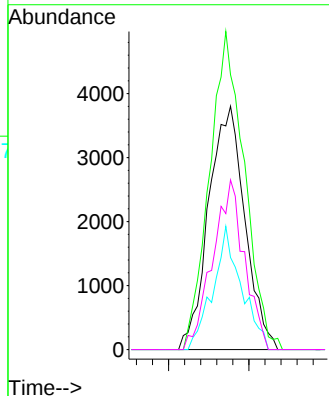
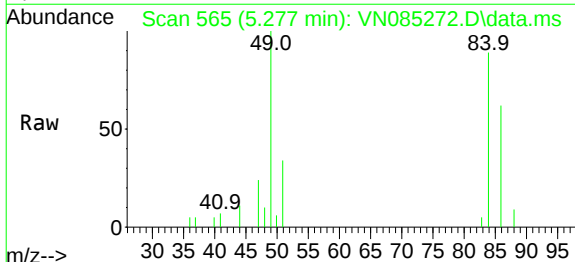
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

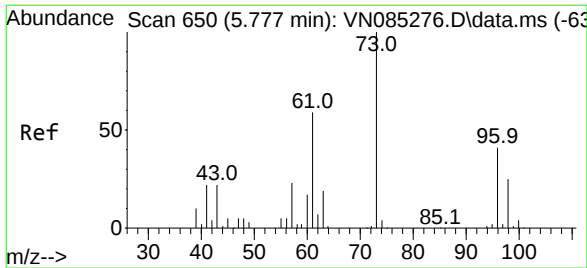
Tgt Ion: 41	Resp: 13971
Ion Ratio	Lower Upper
41 100	
39 71.2	41.3 124.1
76 35.1	19.5 58.5



#18
 Methylene Chloride
 Concen: 5.410 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: VN085272.D
 Acq: 20 Dec 2024 10:05

Tgt Ion: 84	Resp: 11918
Ion Ratio	Lower Upper
84 100	
49 112.9	104.9 157.3
51 37.8	30.2 45.4
86 69.7	50.6 76.0





#19

trans-1,2-Dichloroethene

Concen: 4.892 ug/l

RT: 5.789 min Scan# 65

Delta R.T. 0.006 min

Lab File: VN085272.D

Acq: 20 Dec 2024 10:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

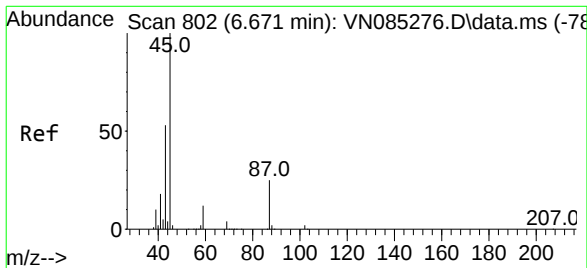
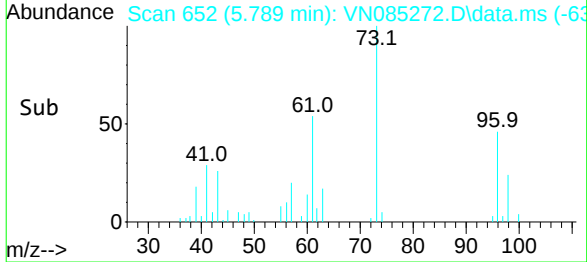
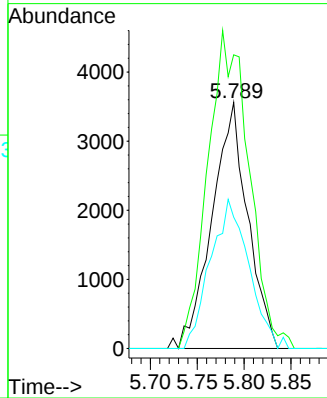
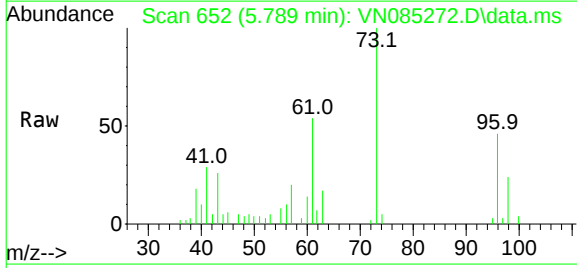
Tgt Ion: 96 Resp: 9407

Ion Ratio Lower Upper

96 100

61 119.3 124.2 186.4#

98 53.4 51.0 76.4



#20

Diisopropyl ether

Concen: 4.535 ug/l

RT: 6.665 min Scan# 801

Delta R.T. -0.005 min

Lab File: VN085272.D

Acq: 20 Dec 2024 10:05

Tgt Ion: 45 Resp: 31084

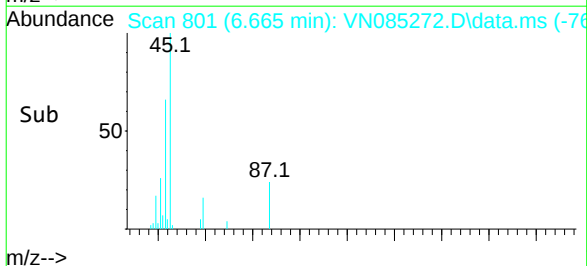
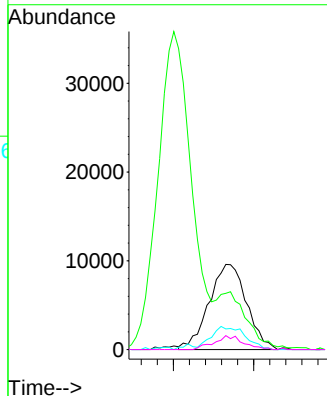
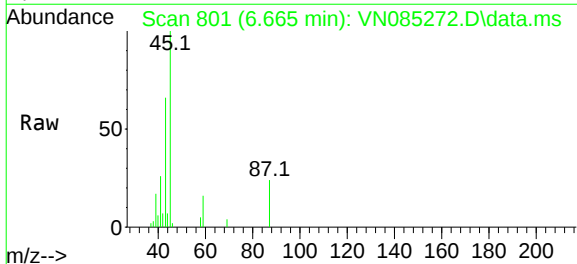
Ion Ratio Lower Upper

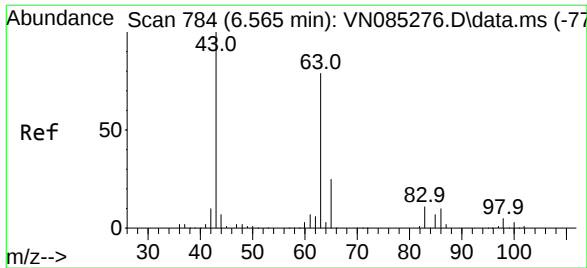
45 100

43 62.8 46.6 69.8

87 24.2 22.3 33.5

59 16.4 9.2 13.8#

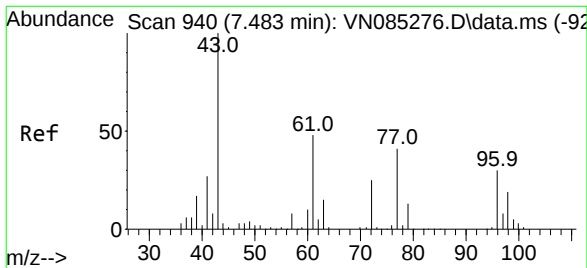
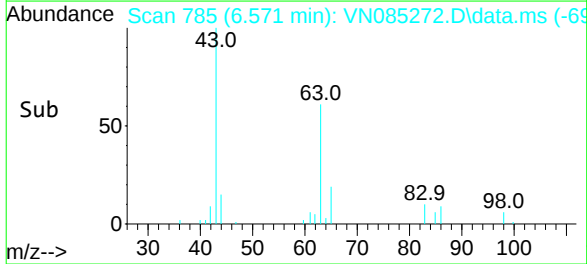
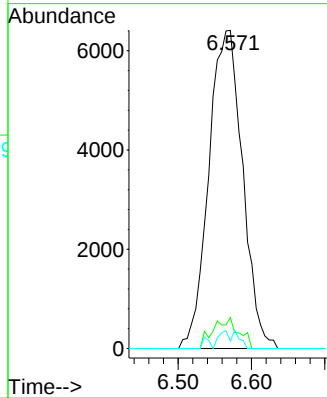
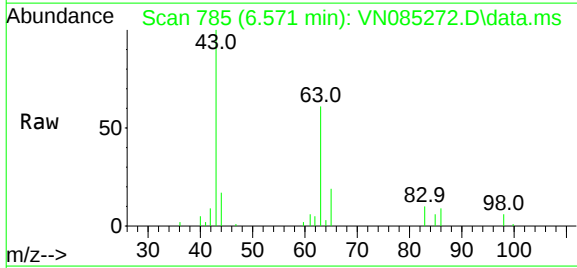




#21
1,1-Dichloroethane
Concen: 5.119 ug/l
RT: 6.571 min Scan# 784
Delta R.T. 0.006 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

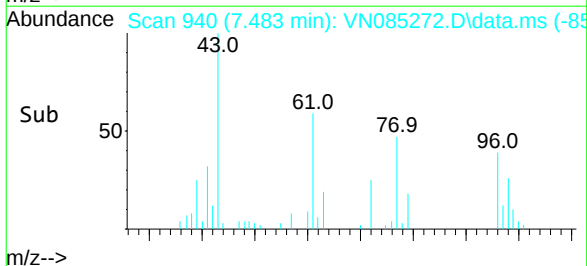
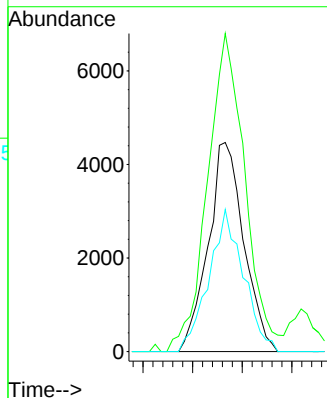
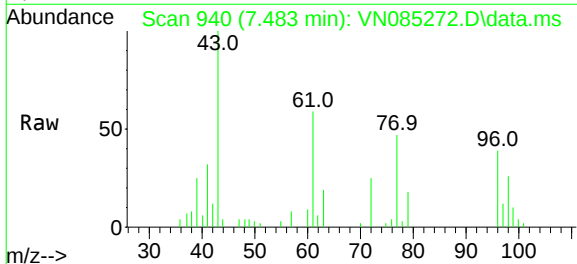
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

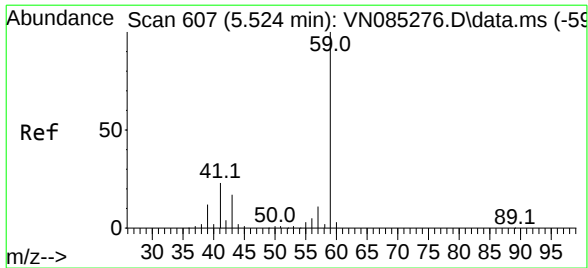
Tgt Ion: 63 Resp: 20511
Ion Ratio Lower Upper
63 100
98 9.7 2.4 7.1#
100 2.3 2.1 6.3



#22
cis-1,2-Dichloroethene
Concen: 4.872 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

Tgt Ion: 96 Resp: 11156
Ion Ratio Lower Upper
96 100
61 159.9 128.1 192.1
98 65.9 52.7 79.1

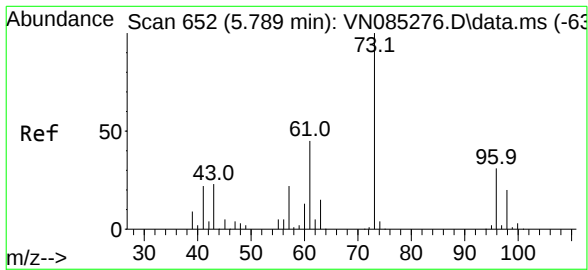
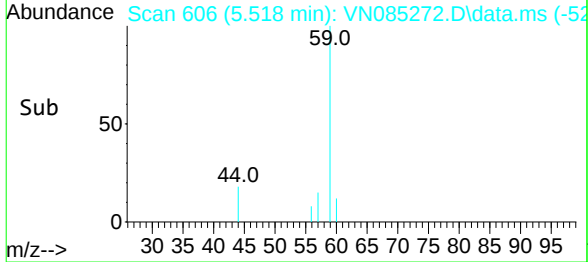
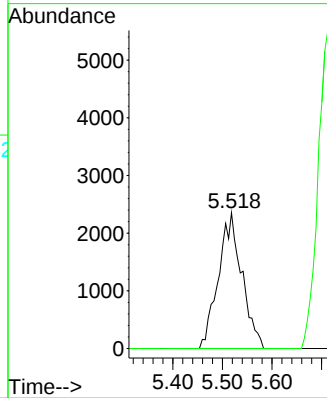
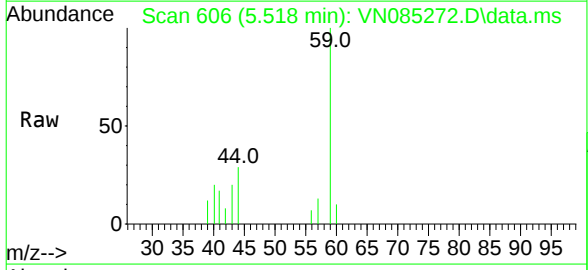




#23
tert-Butyl Alcohol
Concen: 21.952 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

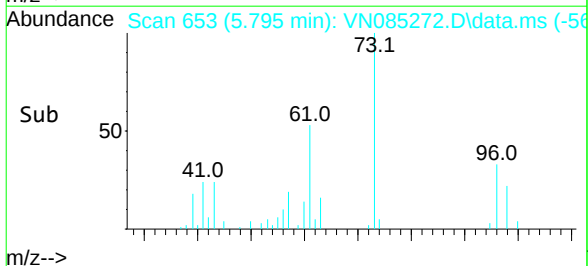
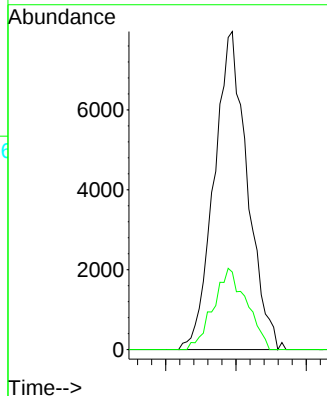
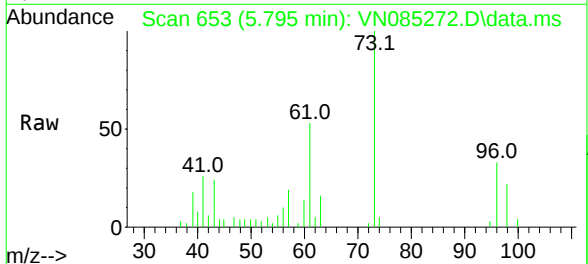
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

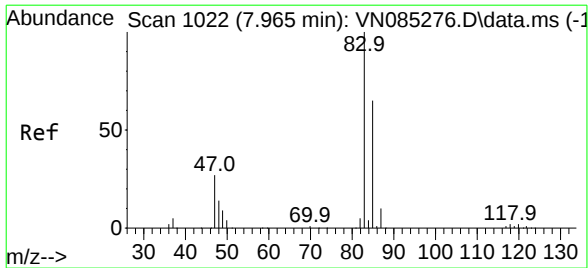
Tgt Ion: 59 Resp: 7725
Ion Ratio Lower Upper
59 100
52 255.2 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 4.305 ug/l
RT: 5.795 min Scan# 653
Delta R.T. -0.005 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

Tgt Ion: 73 Resp: 26125
Ion Ratio Lower Upper
73 100
43 6.6 18.6 27.8#

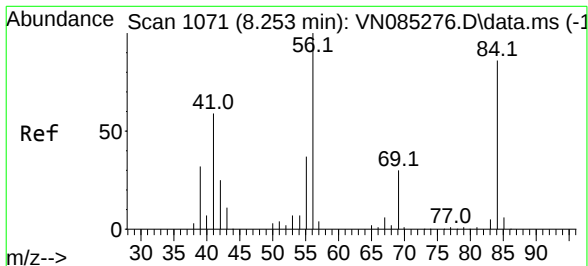
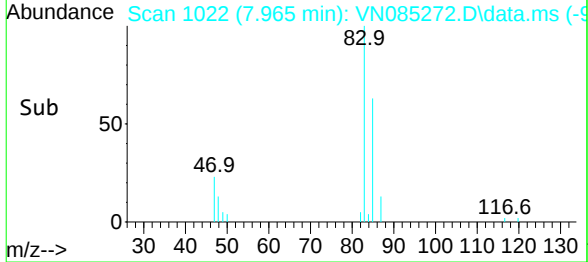
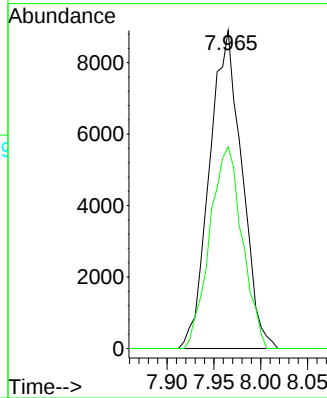
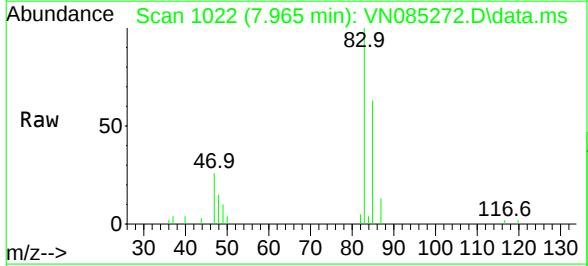




#25
 Chloroform
 Concen: 5.273 ug/l
 RT: 7.965 min Scan# 1022
 Delta R.T. 0.000 min
 Lab File: VN085272.D
 Acq: 20 Dec 2024 10:05

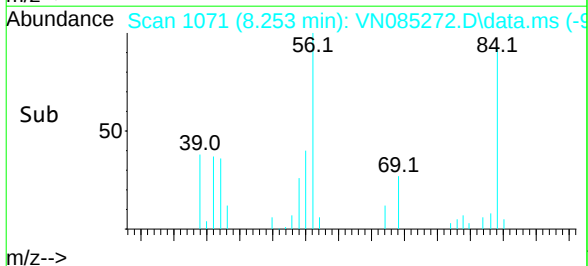
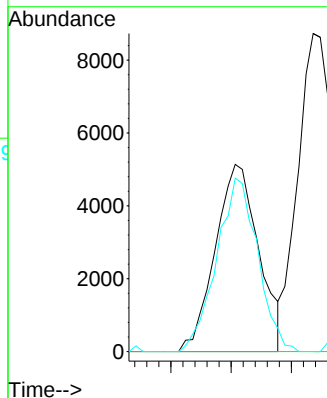
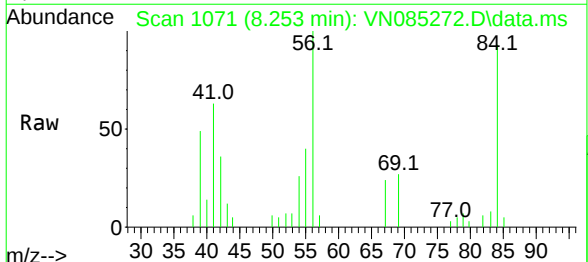
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

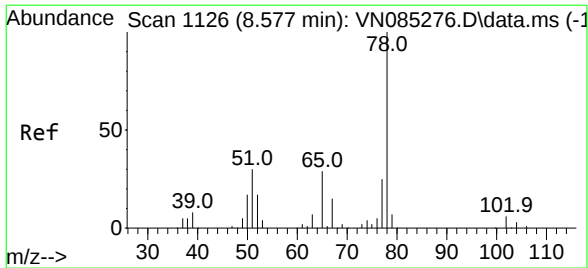
Tgt Ion:	83	Resp:	21418
Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.0	78.0



#26
 Cyclohexane
 Concen: 4.225 ug/l
 RT: 8.253 min Scan# 1071
 Delta R.T. 0.000 min
 Lab File: VN085272.D
 Acq: 20 Dec 2024 10:05

Tgt Ion:	56	Resp:	12906
Ion	Ratio	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	87.4	67.6	101.4

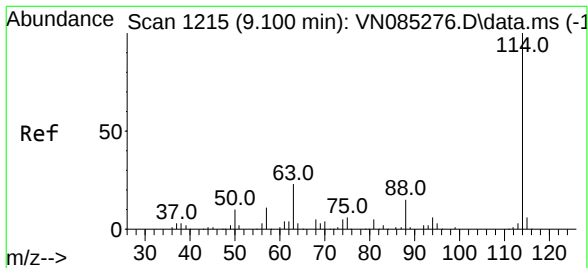
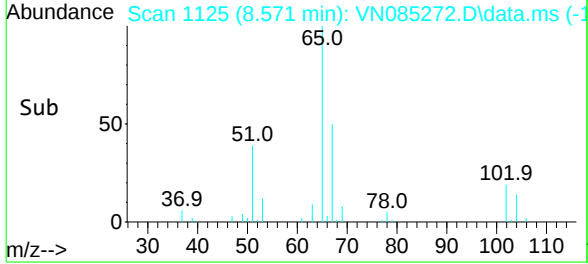
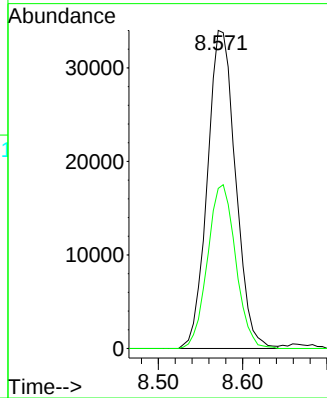
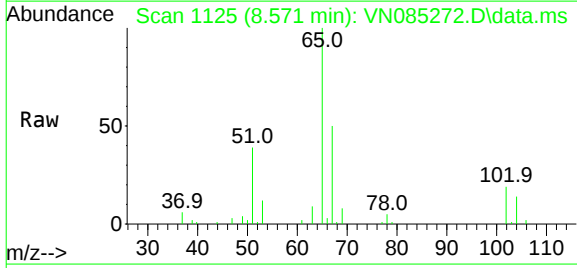




#27
1,2-Dichloroethane-d4
Concen: 29.968 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

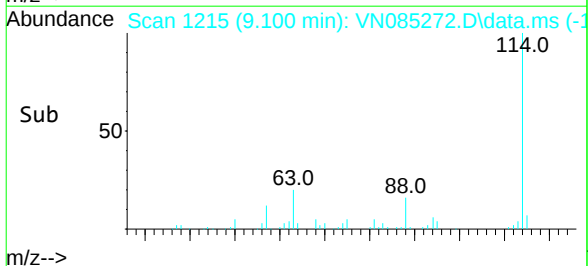
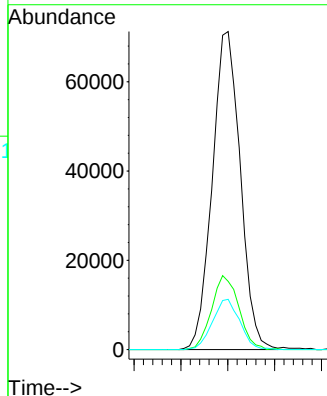
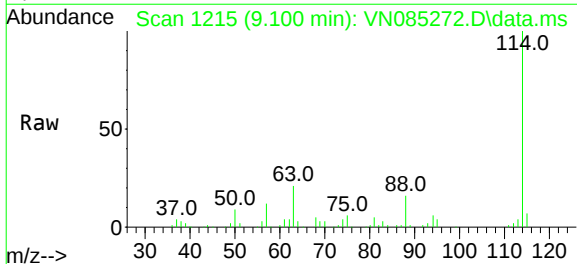
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

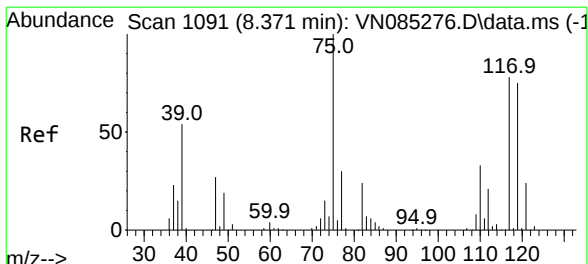
Tgt Ion: 65 Resp: 78890
Ion Ratio Lower Upper
65 100
67 51.4 42.0 63.0



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

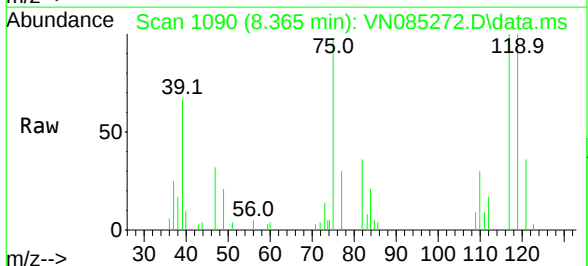
Tgt Ion: 114 Resp: 147950
Ion Ratio Lower Upper
114 100
63 22.6 18.0 27.0
88 15.4 12.9 19.3



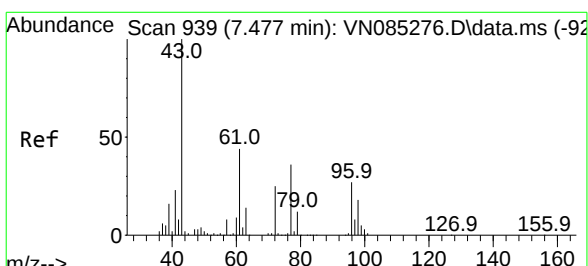
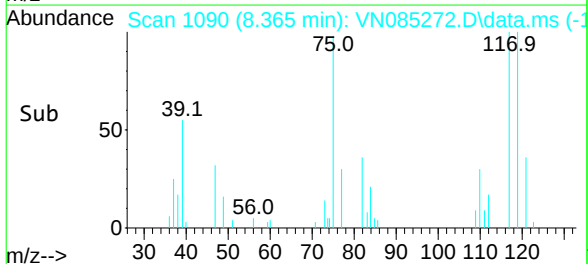
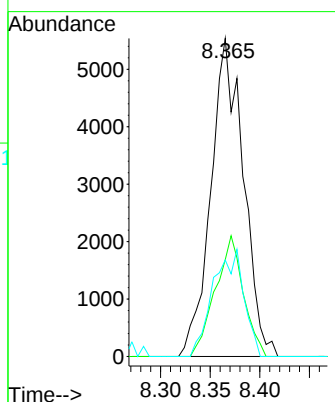


#29
 1,1-Dichloropropene
 Concen: 4.913 ug/l
 RT: 8.365 min Scan# 1090
 Delta R.T. -0.005 min
 Lab File: VN085272.D
 Acq: 20 Dec 2024 10:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

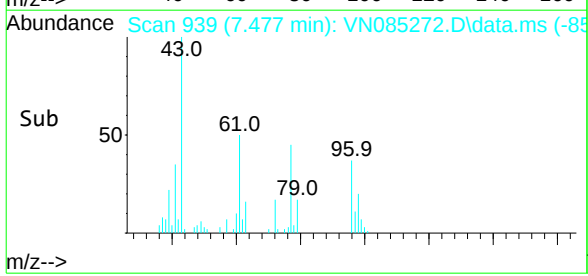
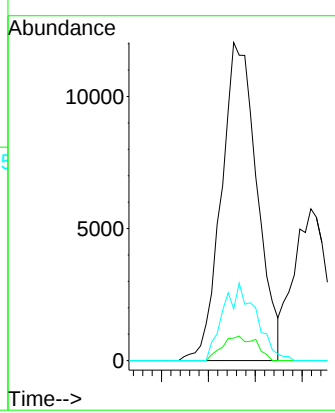
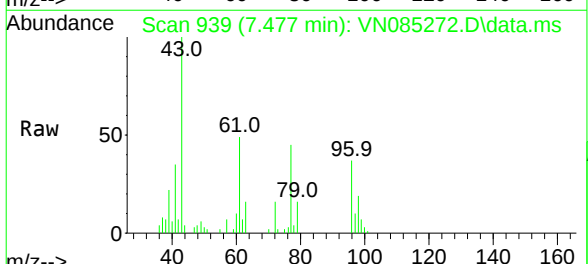


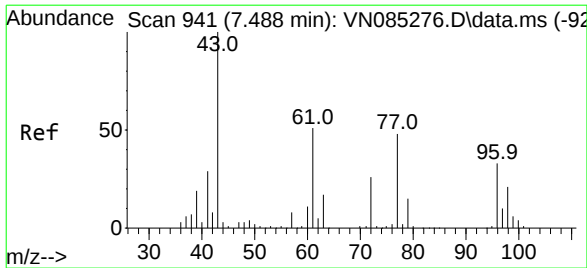
Tgt Ion:	75	Resp:	12620
Ion	Ratio	Lower	Upper
75	100		
110	0.0	0.0	64.8
77	20.7	0.0	60.8



#30
 2-Butanone
 Concen: 23.479 ug/l
 RT: 7.477 min Scan# 939
 Delta R.T. 0.000 min
 Lab File: VN085272.D
 Acq: 20 Dec 2024 10:05

Tgt Ion:	43	Resp:	31835
Ion	Ratio	Lower	Upper
43	100		
57	4.9	6.2	9.2#
72	1.8	19.9	29.9#

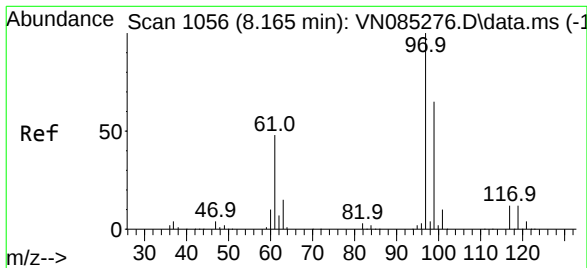
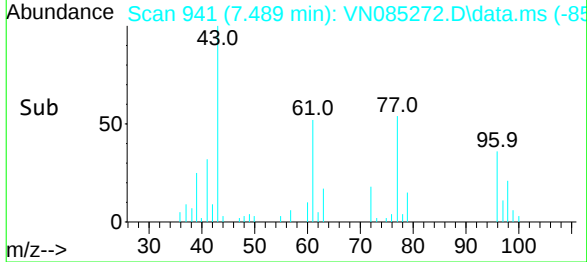
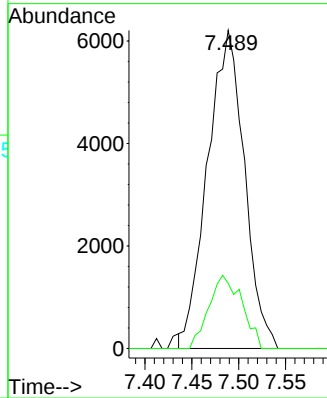
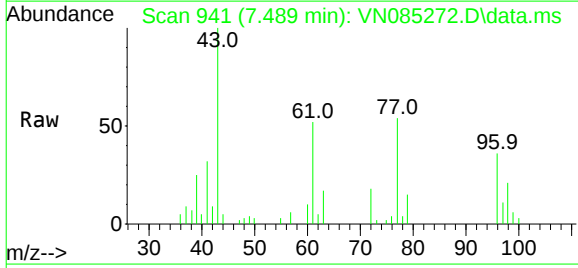




#31
2,2-Dichloropropane
Concen: 5.215 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

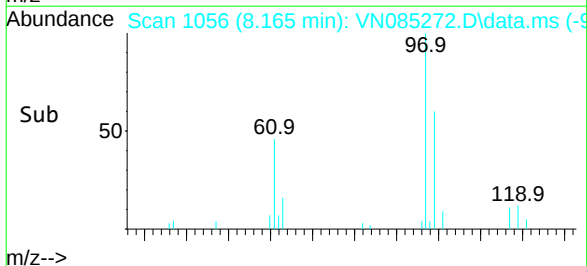
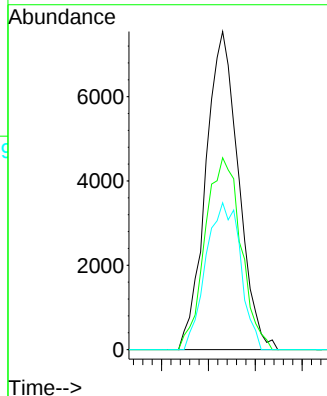
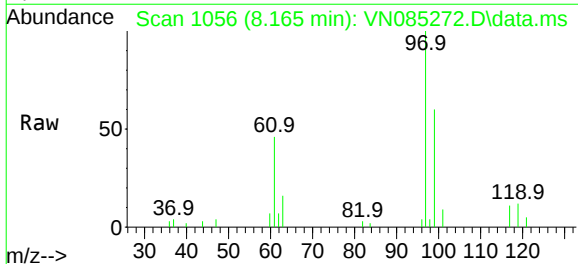
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

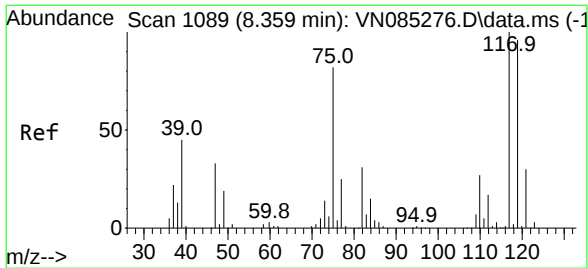
Tgt Ion: 77 Resp: 16976
Ion Ratio Lower Upper
77 100
97 20.6 16.9 25.3



#32
1,1,1-Trichloroethane
Concen: 5.488 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

Tgt Ion: 97 Resp: 18325
Ion Ratio Lower Upper
97 100
99 65.9 52.2 78.2
61 48.7 39.8 59.8

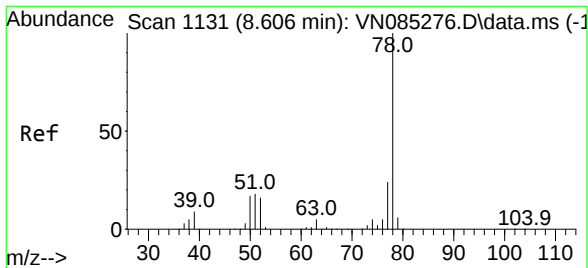
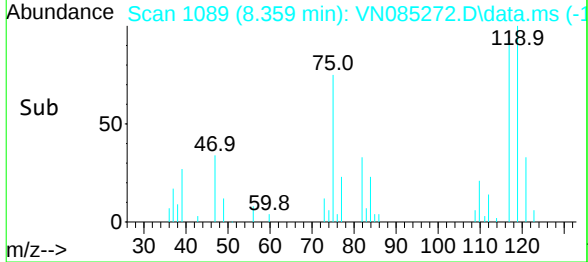
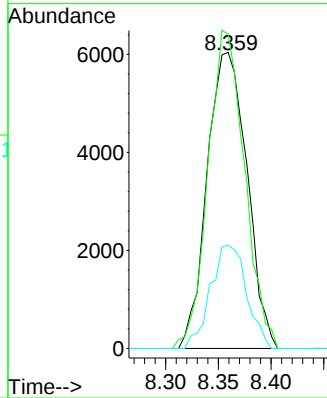
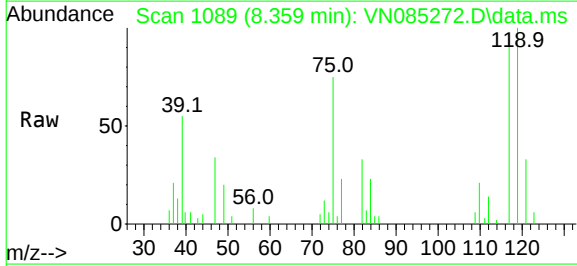




#33
Carbon Tetrachloride
Concen: 5.424 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

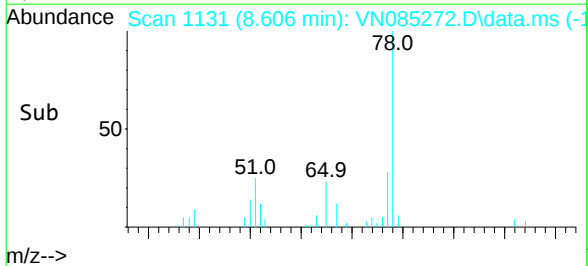
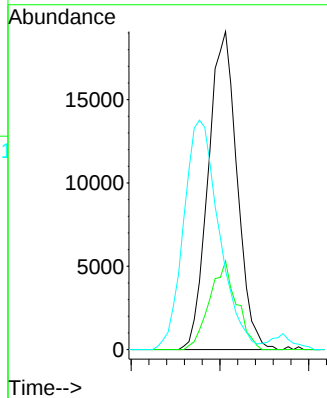
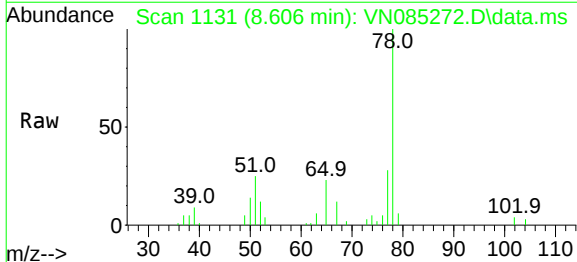
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

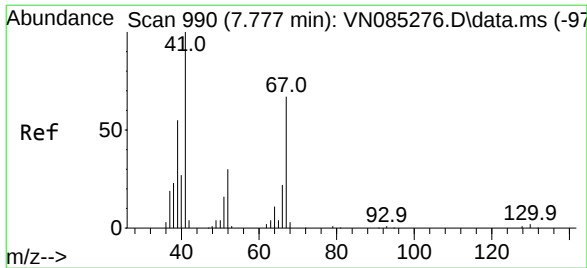
Tgt Ion:	117	Resp:	15855
Ion	Ratio	Lower	Upper
117	100		
119	106.1	71.6	107.4
121	34.9	23.5	35.3



#34
Benzene
Concen: 5.303 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

Tgt Ion:	78	Resp:	43060
Ion	Ratio	Lower	Upper
78	100		
77	27.8	19.3	28.9
51	21.1	14.6	21.8

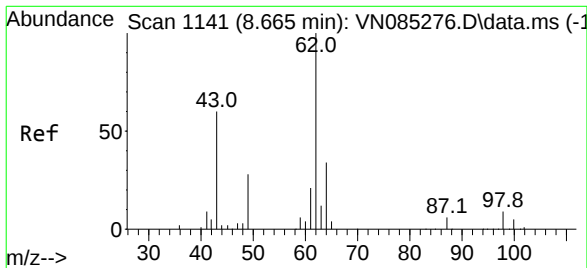
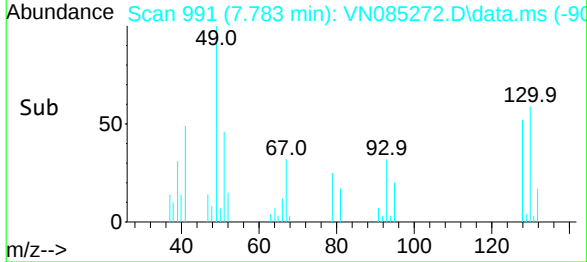
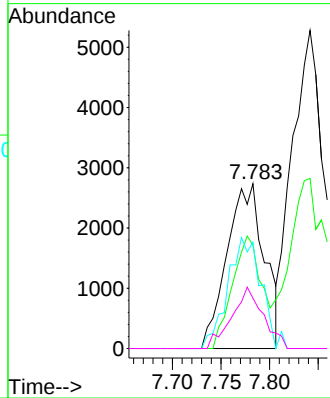
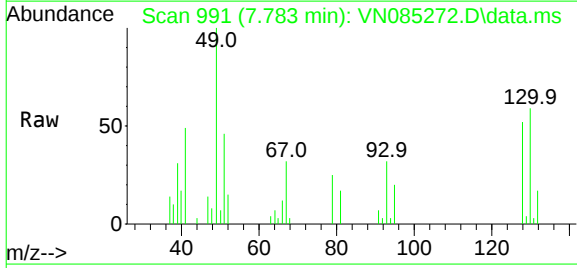




#35
Methacrylonitrile
Concen: 4.869 ug/l m
RT: 7.783 min Scan# 99
Delta R.T. 0.012 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

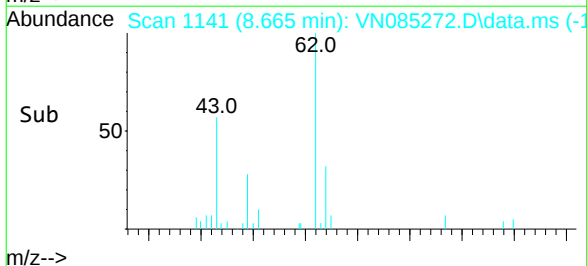
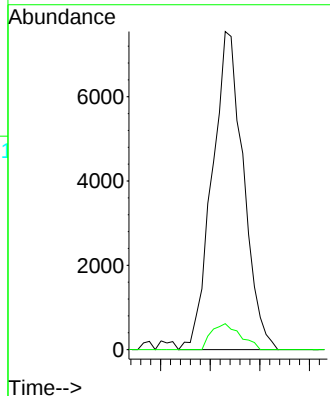
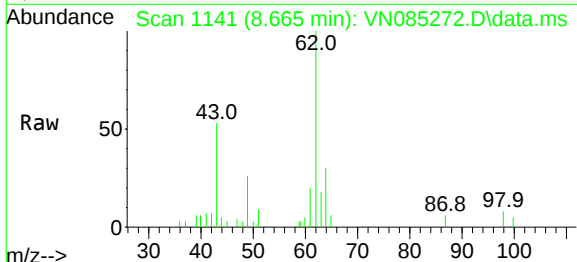
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

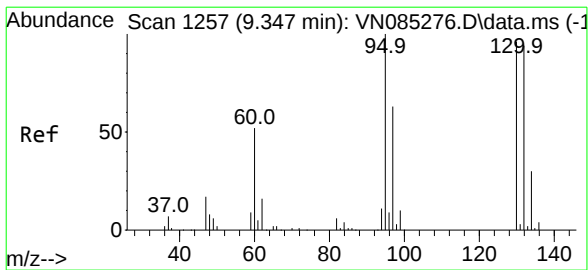
Tgt Ion:	41	Resp:	7309
Ion	Ratio	Lower	Upper
41	100		
39	62.7	26.7	80.0
67	64.6	32.5	97.5
52	30.6	13.3	39.9



#36
1,2-Dichloroethane
Concen: 5.617 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

Tgt Ion:	62	Resp:	16492
Ion	Ratio	Lower	Upper
62	100		
98	7.6	6.6	10.0

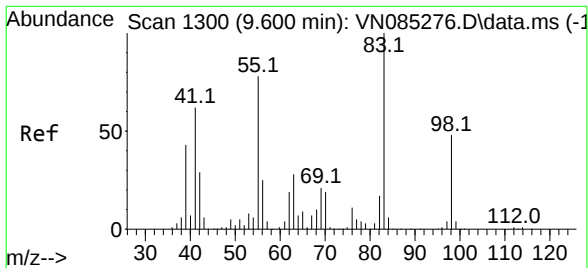
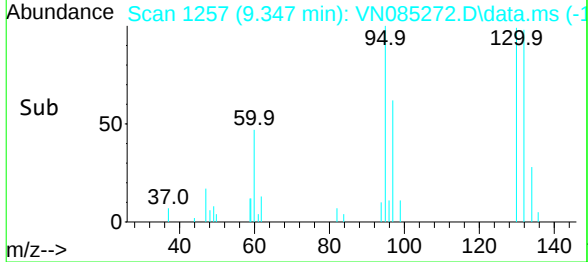
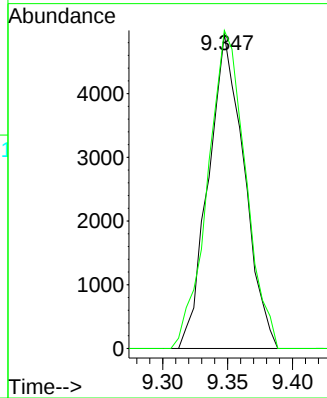
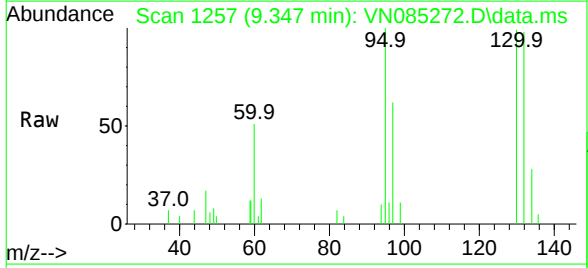




#37
Trichloroethene
Concen: 5.289 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

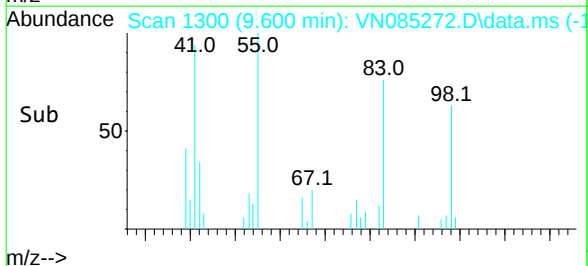
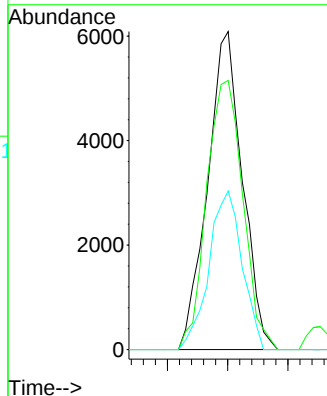
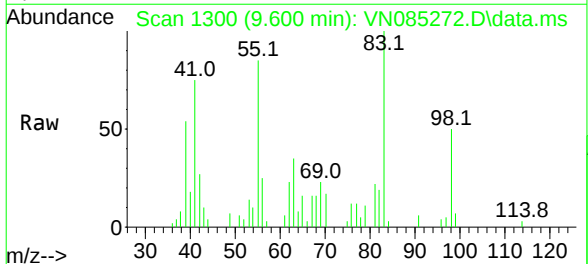
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

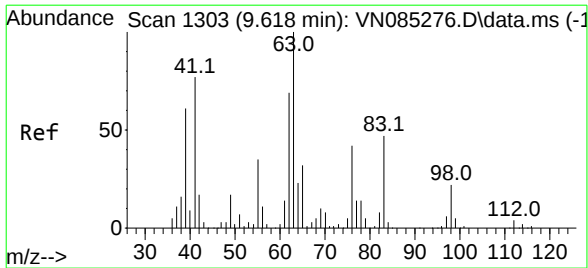
Tgt Ion:130 Resp: 9449
Ion Ratio Lower Upper
130 100
95 101.2 80.0 120.0



#38
Methylcyclohexane
Concen: 4.592 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

Tgt Ion: 83 Resp: 12207
Ion Ratio Lower Upper
83 100
55 88.2 43.6 130.8
98 47.5 24.2 72.6

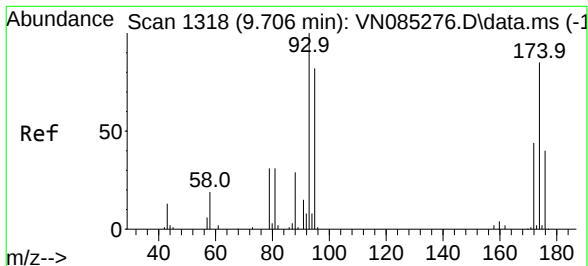
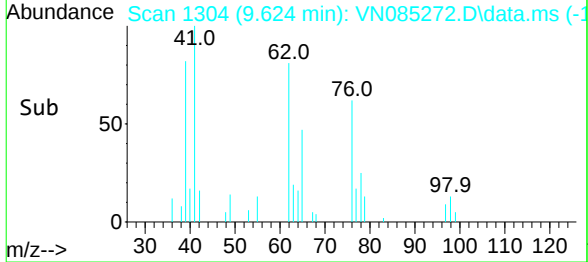
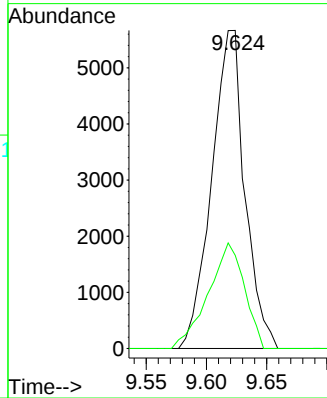
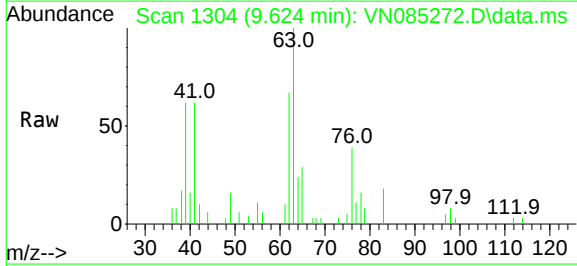




#39
1,2-Dichloropropane
Concen: 5.265 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

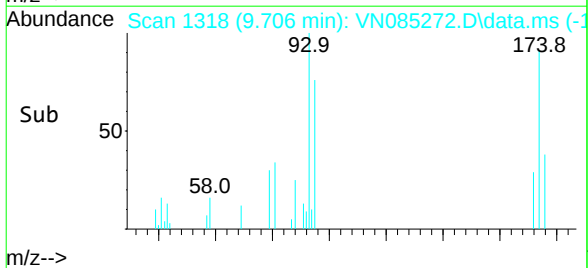
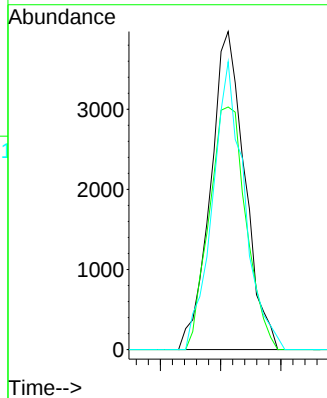
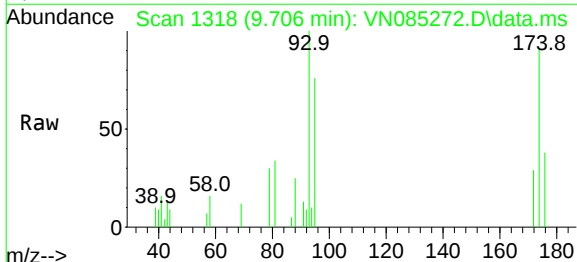
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

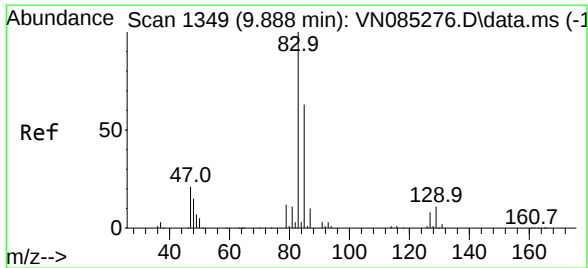
Tgt Ion: 63 Resp: 10877
Ion Ratio Lower Upper
63 100
65 29.3 26.1 39.1



#40
Dibromomethane
Concen: 5.438 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

Tgt Ion: 93 Resp: 7832
Ion Ratio Lower Upper
93 100
95 82.4 0.0 167.6
174 84.3 0.0 171.0

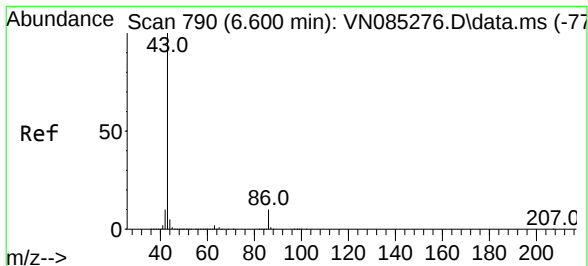
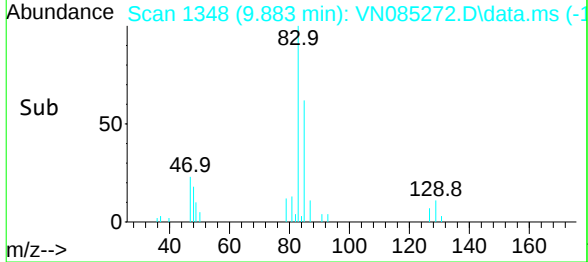
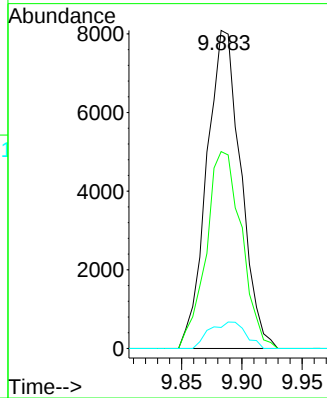
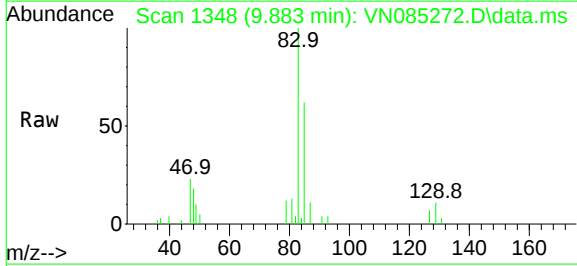




#41
Bromodichloromethane
Concen: 5.283 ug/l
RT: 9.883 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

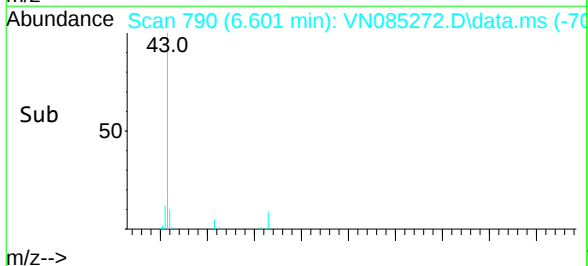
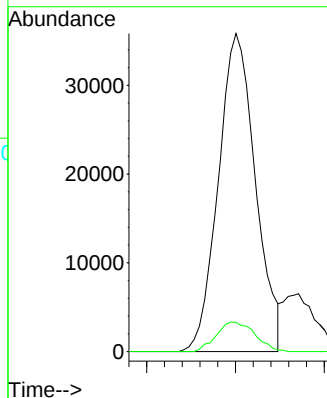
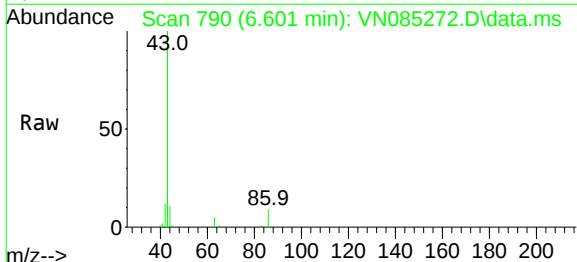
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

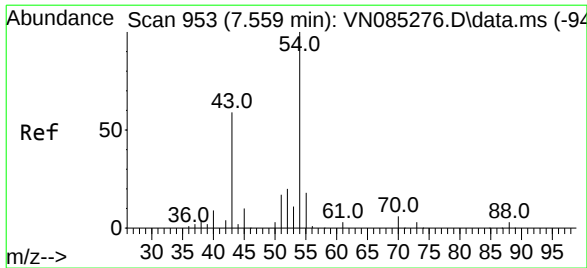
Tgt Ion:	83	Resp:	15902
Ion	Ratio	Lower	Upper
83	100		
85	61.9	50.1	75.1
127	6.6	5.8	8.6



#42
Vinyl Acetate
Concen: 21.761 ug/l
RT: 6.601 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

Tgt Ion:	43	Resp:	104153
Ion	Ratio	Lower	Upper
43	100		
86	9.6	7.9	11.9





#43

Ethyl Acetate

Concen: 4.958 ug/l

RT: 7.559 min Scan# 953

Delta R.T. 0.006 min

Lab File: VN085272.D

Acq: 20 Dec 2024 10:05

Instrument :

MSVOA_N

ClientSampleId :

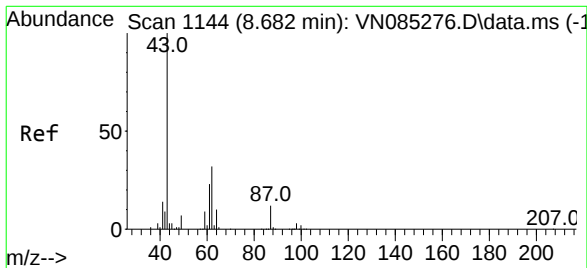
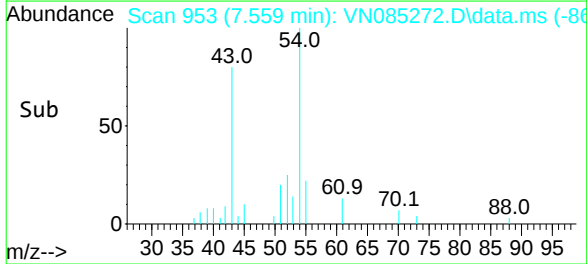
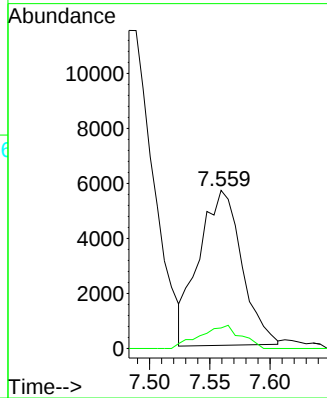
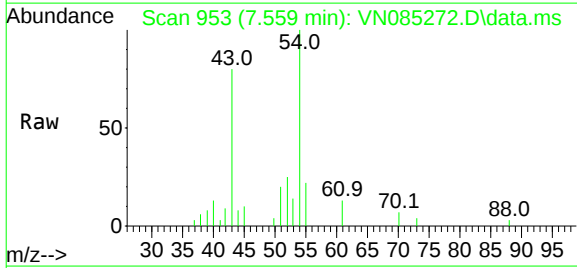
VSTDICC005

Tgt Ion: 43 Resp: 13903

Ion Ratio Lower Upper

43 100

45 14.3 11.9 17.9



#44

Isopropyl Acetate

Concen: 4.868 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. -0.005 min

Lab File: VN085272.D

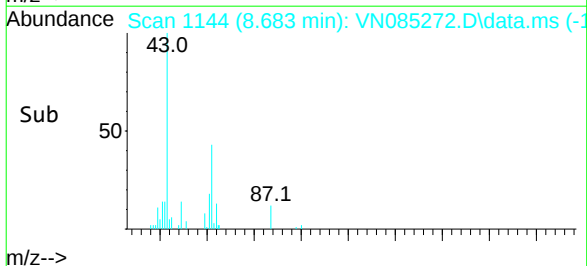
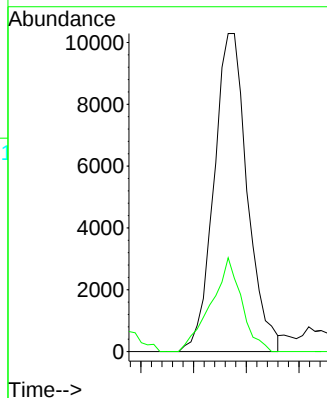
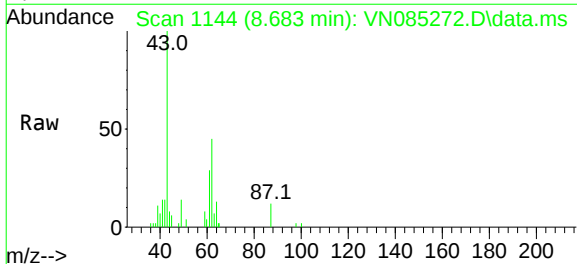
Acq: 20 Dec 2024 10:05

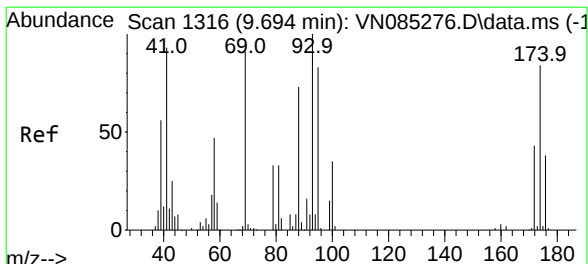
Tgt Ion: 43 Resp: 22675

Ion Ratio Lower Upper

43 100

61 27.1 19.7 29.5



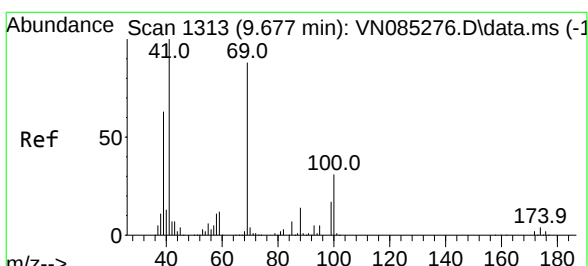
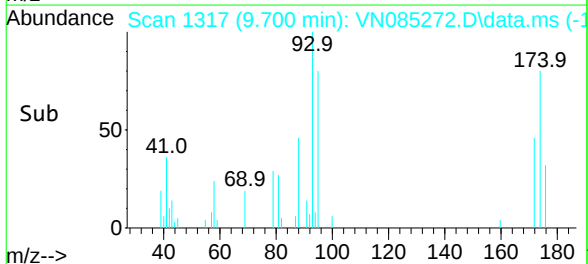
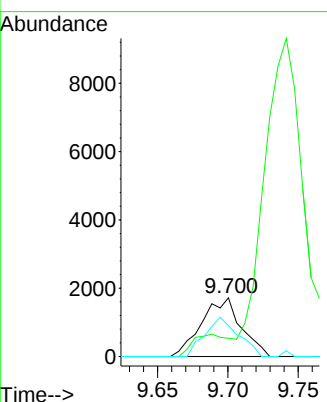
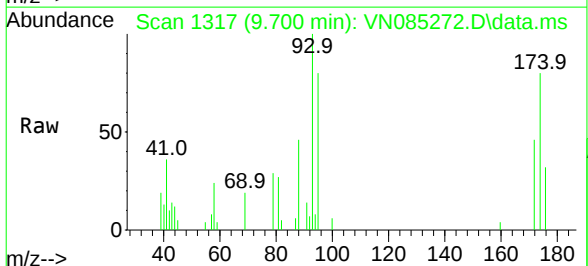


#45
1,4-Dioxane
Concen: 92.601 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. 0.012 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 88 Resp: 3355

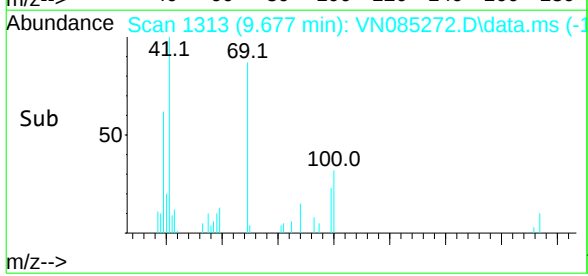
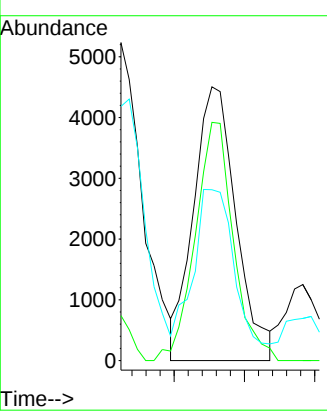
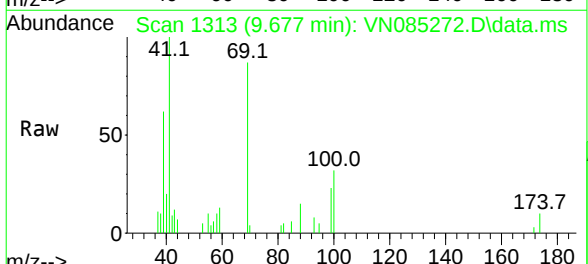
Ion	Ratio	Lower	Upper
88	100		
43	38.1	25.4	38.2
58	56.8	58.5	87.7

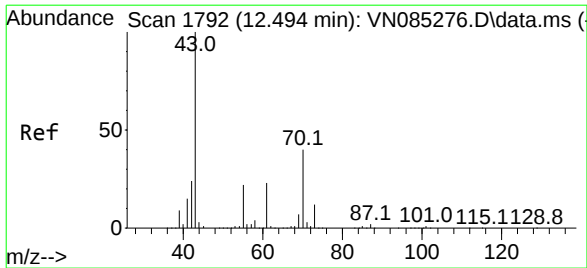


#46
Methyl methacrylate
Concen: 4.394 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.005 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

Tgt Ion: 41 Resp: 9500

Ion	Ratio	Lower	Upper
41	100		
69	93.6	39.9	119.6
39	63.1	31.6	95.0

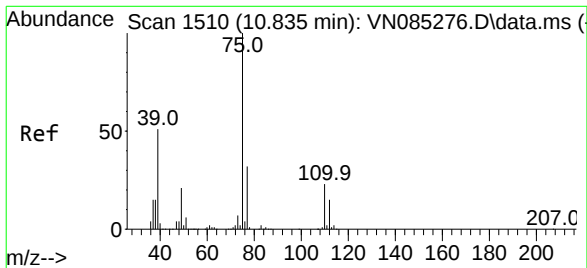
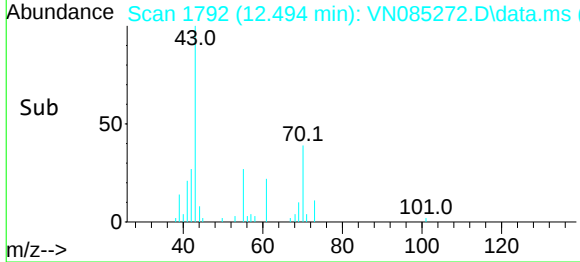
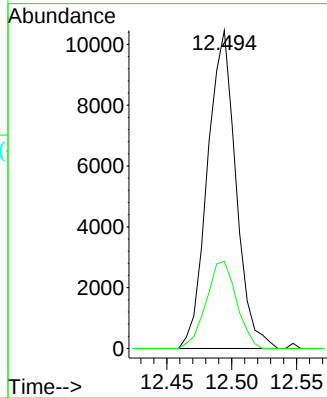
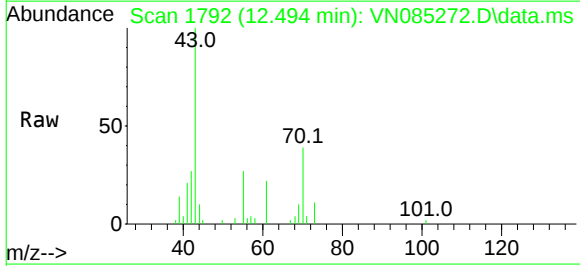




#47
n-amy1 Acetate
Concen: 4.021 ug/l
RT: 12.494 min Scan# 17
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

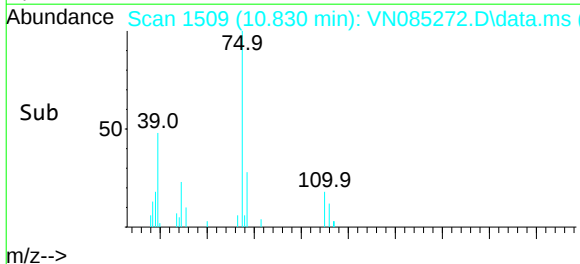
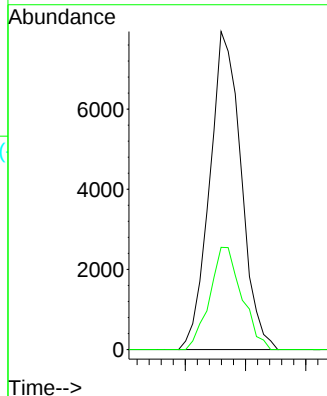
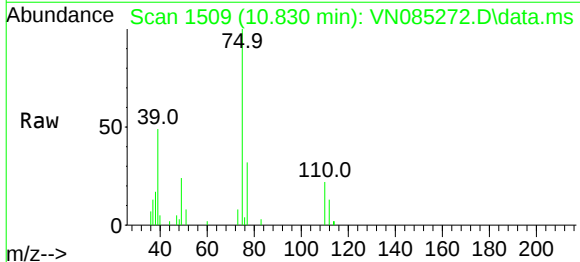
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

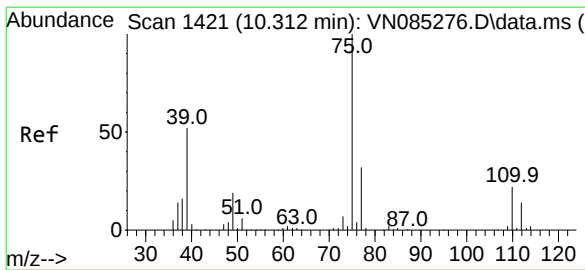
Tgt Ion: 43 Resp: 15955
Ion Ratio Lower Upper
43 100
55 29.2 21.3 31.9



#48
t-1,3-Dichloropropene
Concen: 4.838 ug/l
RT: 10.830 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

Tgt Ion: 75 Resp: 14385
Ion Ratio Lower Upper
75 100
77 32.1 23.8 35.6





#49

cis-1,3-Dichloropropene

Concen: 4.989 ug/l

RT: 10.306 min Scan# 14

Delta R.T. -0.006 min

Lab File: VN085272.D

Acq: 20 Dec 2024 10:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

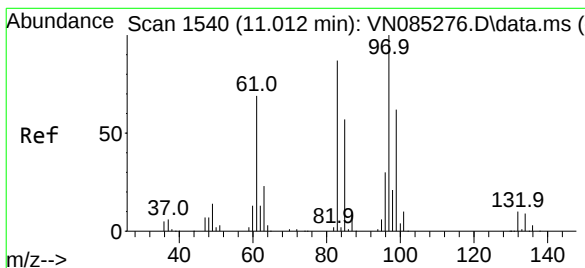
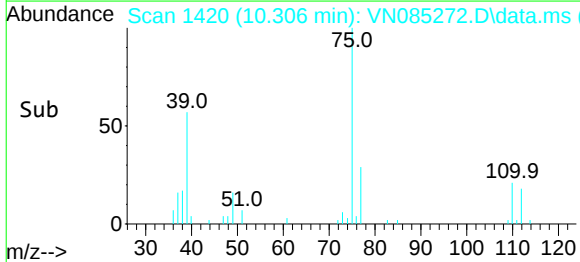
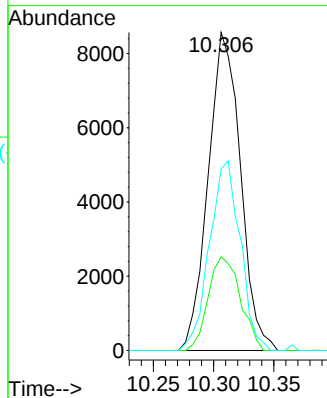
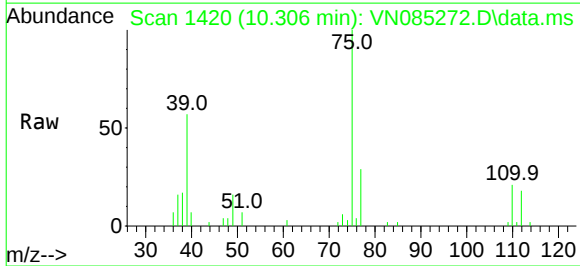
Tgt Ion: 75 Resp: 15948

Ion Ratio Lower Upper

75 100

77 29.4 26.6 40.0

39 57.0 41.9 62.9



#50

1,1,2-Trichloroethane

Concen: 5.513 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. 0.000 min

Lab File: VN085272.D

Acq: 20 Dec 2024 10:05

Tgt Ion: 97 Resp: 10385

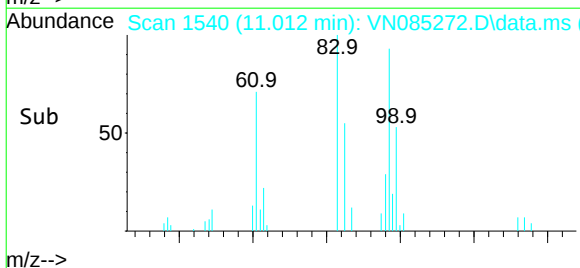
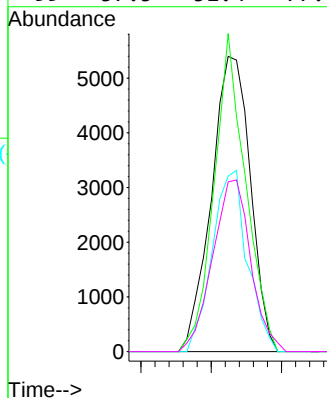
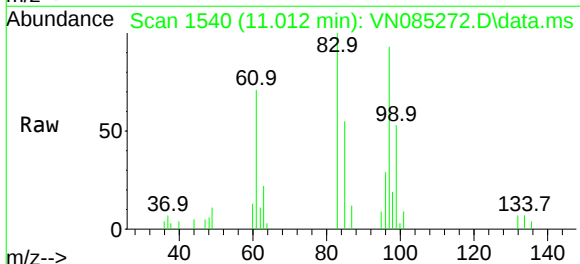
Ion Ratio Lower Upper

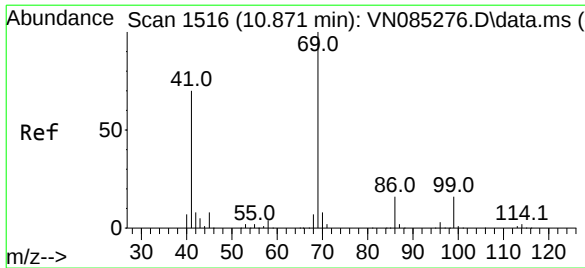
97 100

83 107.7 72.2 108.2

85 59.5 46.6 70.0

99 57.5 51.4 77.0

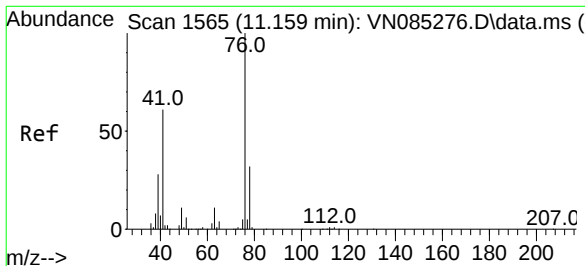
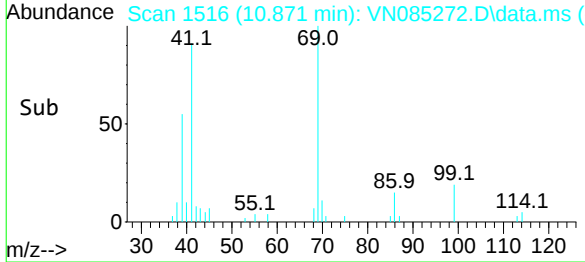
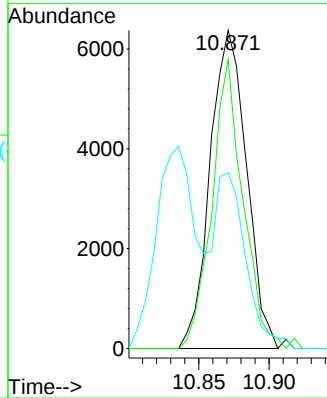
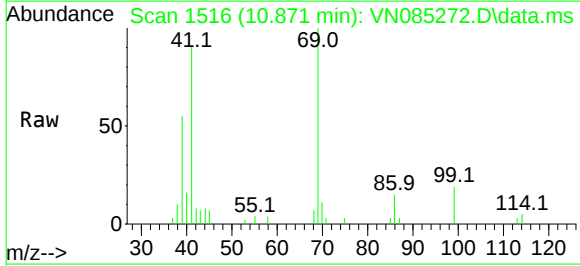




#51
Ethyl methacrylate
Concen: 4.019 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

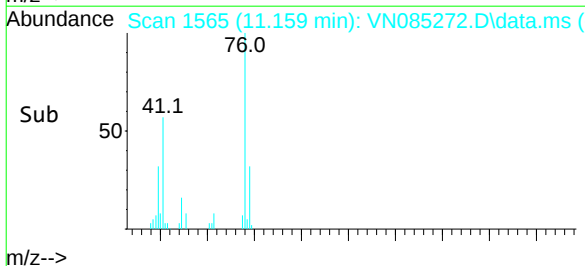
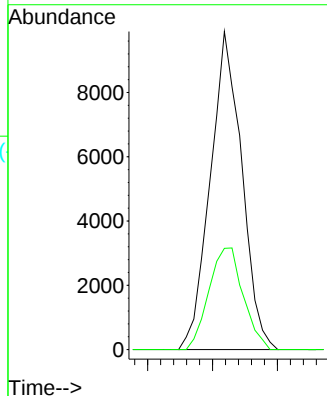
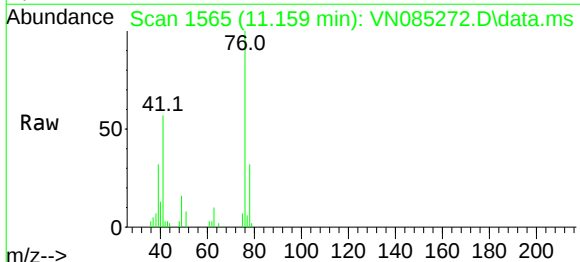
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

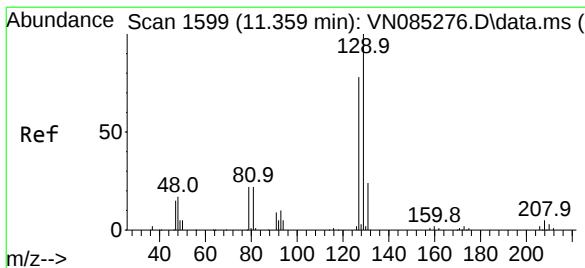
Tgt Ion:	69	Resp:	11450
Ion	Ratio	Lower	Upper
69	100		
41	90.8	38.1	114.5
39	52.2	24.1	72.2



#52
1,3-Dichloropropane
Concen: 5.081 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

Tgt Ion:	76	Resp:	16708
Ion	Ratio	Lower	Upper
76	100		
78	34.7	0.0	66.2





#53

Dibromochloromethane

Concen: 5.312 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VN085272.D

Acq: 20 Dec 2024 10:05

Instrument :

MSVOA_N

ClientSampleId :

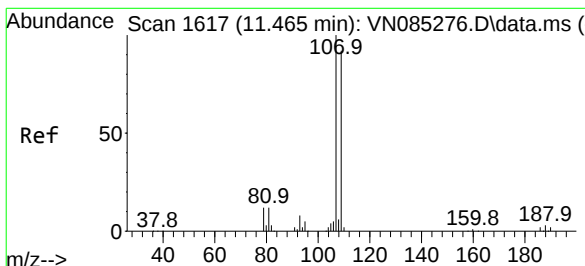
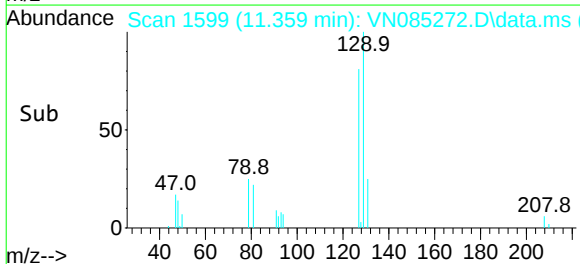
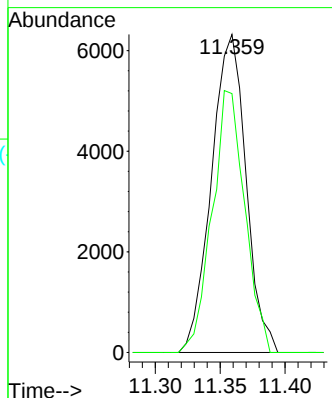
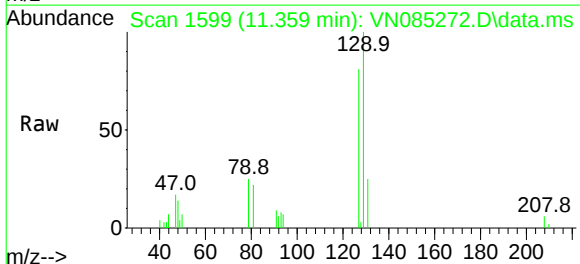
VSTDIC005

Tgt Ion:129 Resp: 11724

Ion Ratio Lower Upper

129 100

127 77.8 38.1 114.3



#54

1,2-Dibromoethane

Concen: 5.069 ug/l

RT: 11.465 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VN085272.D

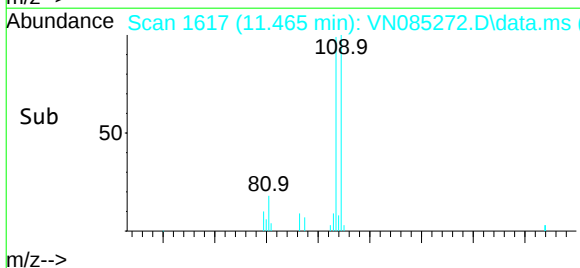
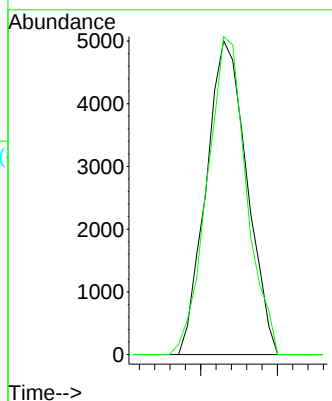
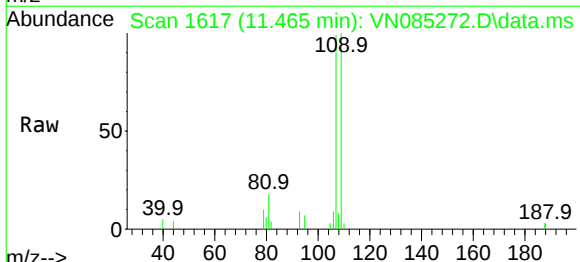
Acq: 20 Dec 2024 10:05

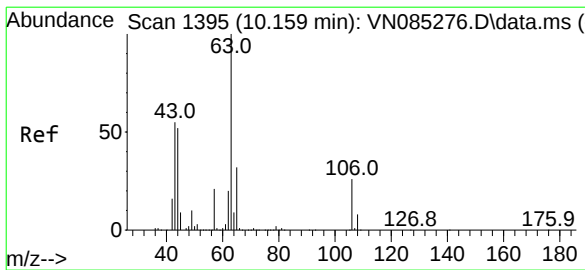
Tgt Ion:107 Resp: 9241

Ion Ratio Lower Upper

107 100

109 97.3 76.2 114.4

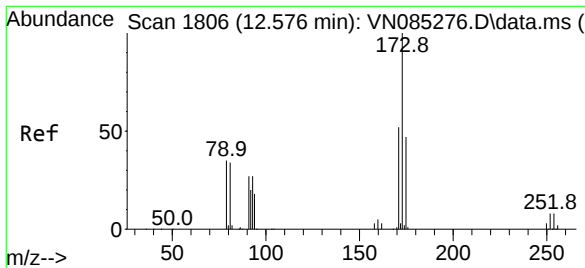
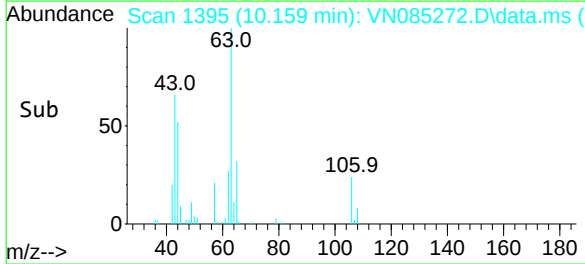
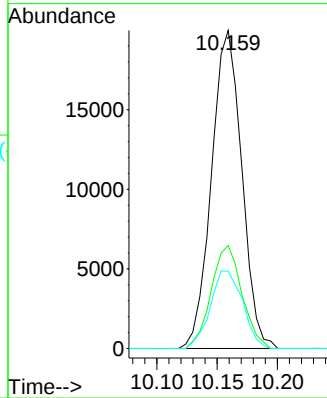
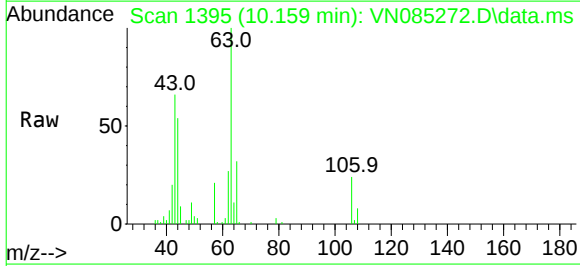




#55
2-Chloroethyl vinyl ether
Concen: 23.763 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

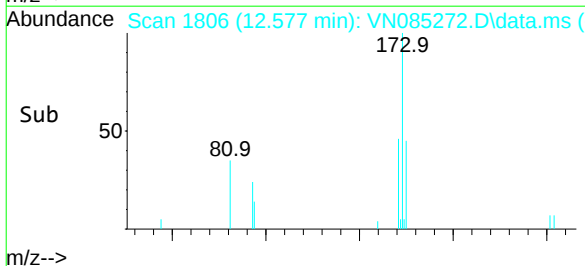
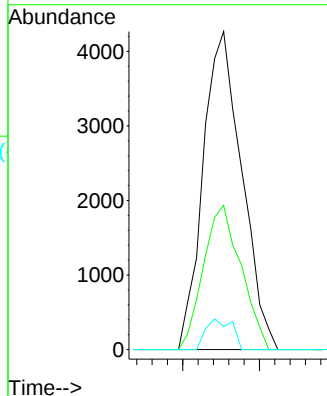
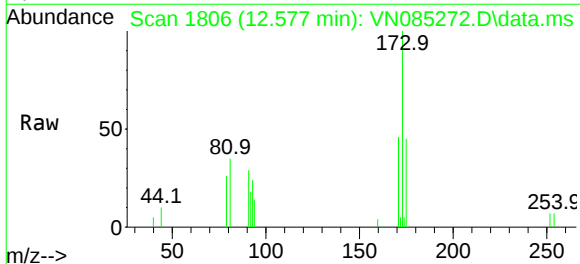
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

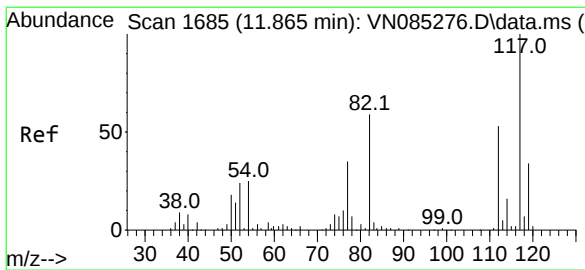
Tgt Ion:	63	Resp:	34874
Ion	Ratio	Lower	Upper
63	100		
65	33.0	25.9	38.9
106	26.1	21.2	31.8



#56
Bromoform
Concen: 5.199 ug/l
RT: 12.577 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

Tgt Ion:	173	Resp:	7486
Ion	Ratio	Lower	Upper
173	100		
175	43.9	39.4	59.2
254	6.5	7.2	10.8

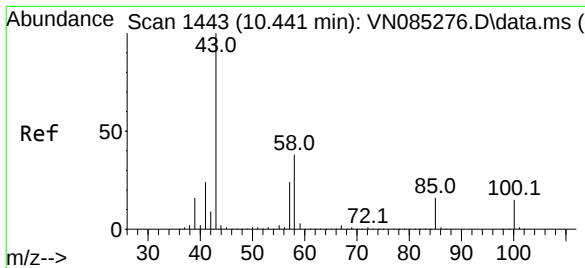
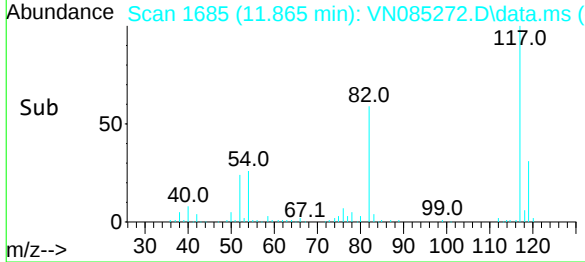
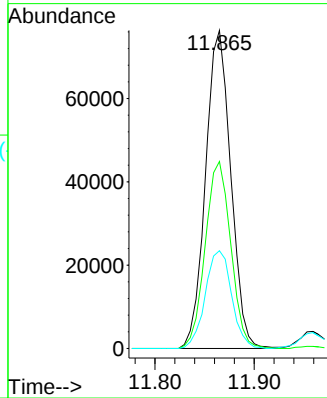
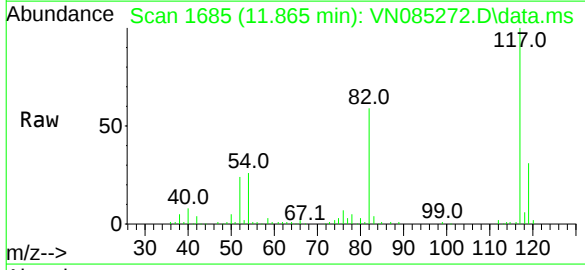




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

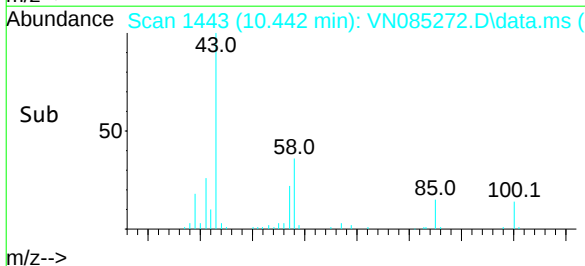
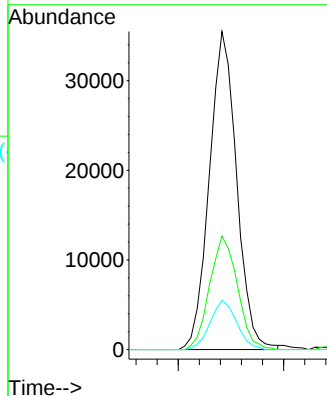
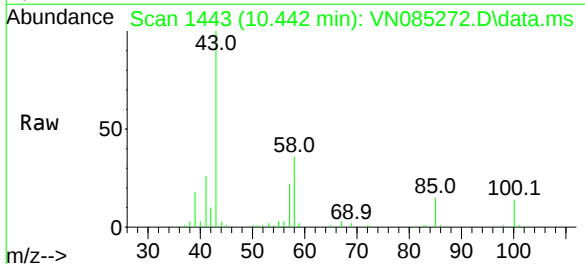
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

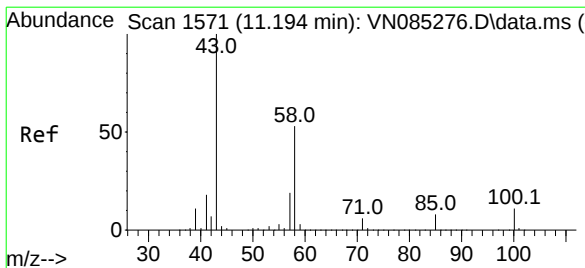
Tgt Ion: 117 Resp: 134950
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.0
119 32.1 25.3 37.9



#58
4-Methyl-2-Pentanone
Concen: 23.347 ug/l
RT: 10.442 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

Tgt Ion: 43 Resp: 63871
Ion Ratio Lower Upper
43 100
58 36.3 29.2 43.8
85 15.1 12.8 19.2





#59

2-Hexanone

Concen: 22.206 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. 0.000 min

Lab File: VN085272.D

Acq: 20 Dec 2024 10:05

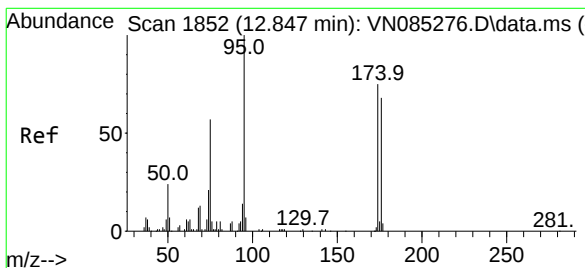
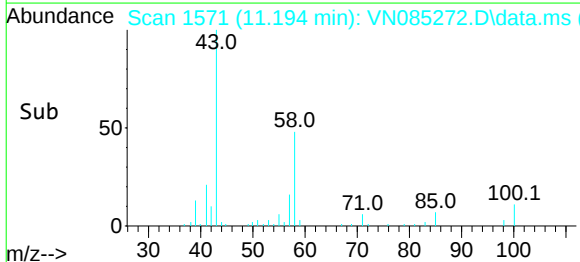
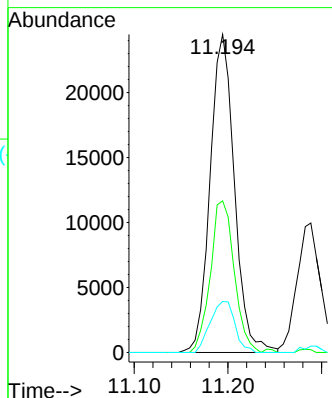
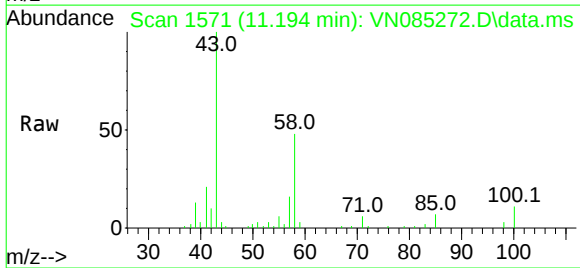
Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:	43	Resp:	44133
Ion	Ratio	Lower	Upper
43	100		
58	46.7	40.2	60.4
57	16.3	14.2	21.4



#60

4-Bromofluorobenzene

Concen: 28.888 ug/l

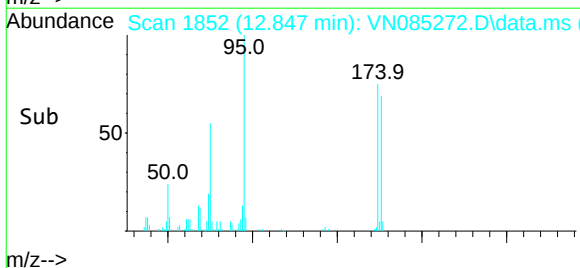
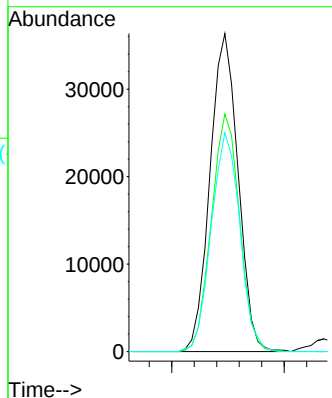
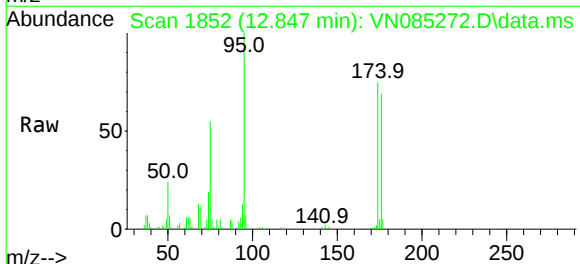
RT: 12.847 min Scan# 1852

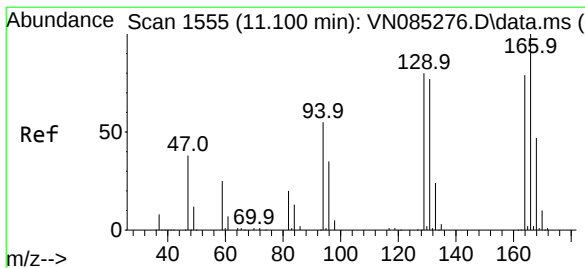
Delta R.T. 0.000 min

Lab File: VN085272.D

Acq: 20 Dec 2024 10:05

Tgt Ion:	95	Resp:	63148
Ion	Ratio	Lower	Upper
95	100		
174	74.7	57.8	86.8
176	69.9	57.1	85.7





#61

Tetrachloroethene

Concen: 5.773 ug/l

RT: 11.106 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VN085272.D

Acq: 20 Dec 2024 10:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:164 Resp: 8697

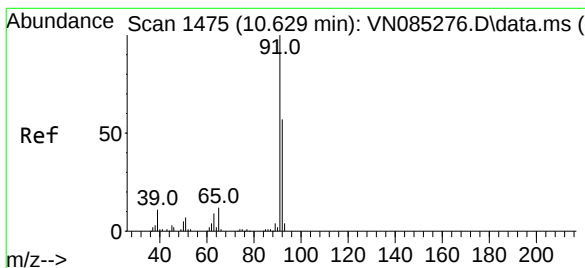
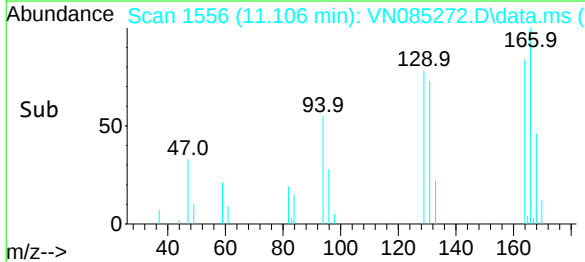
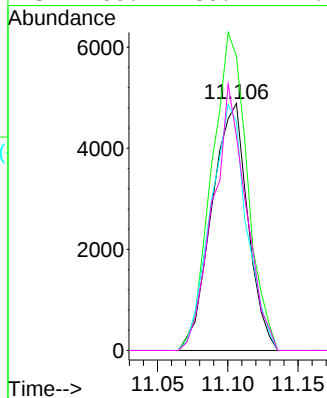
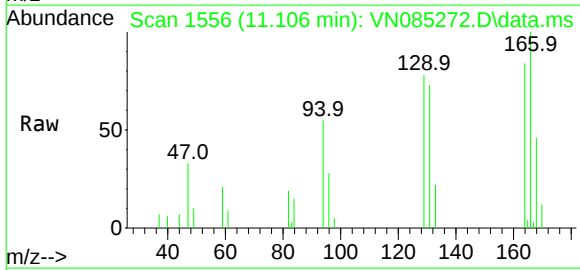
Ion Ratio Lower Upper

164 100

166 119.0 109.0 163.4

129 92.6 85.1 127.7

131 86.7 80.7 121.1



#62

Toluene

Concen: 5.361 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. -0.005 min

Lab File: VN085272.D

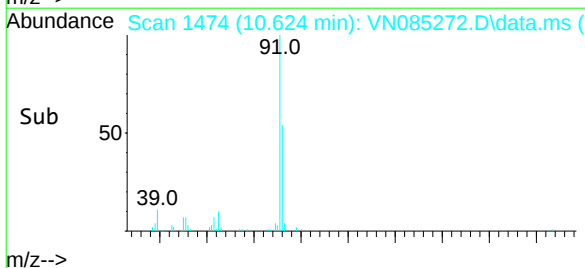
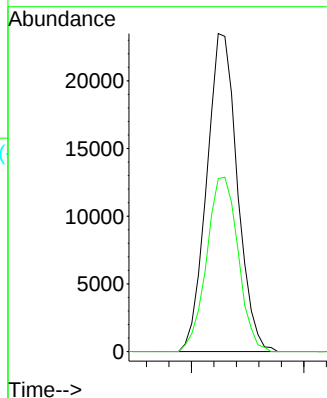
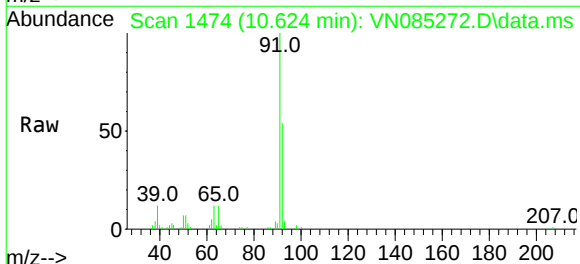
Acq: 20 Dec 2024 10:05

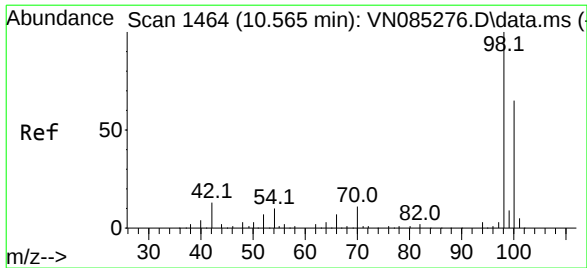
Tgt Ion: 91 Resp: 44448

Ion Ratio Lower Upper

91 100

92 56.3 45.9 68.9





#63

Toluene-d8

Concen: 31.299 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085272.D

Acq: 20 Dec 2024 10:05

Instrument :

MSVOA_N

ClientSampleId :

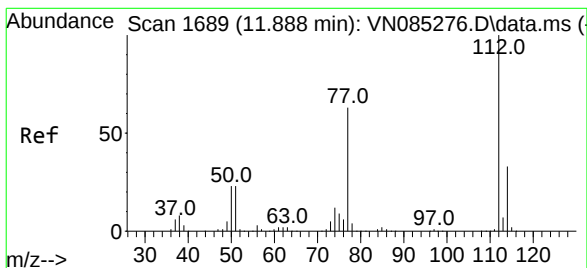
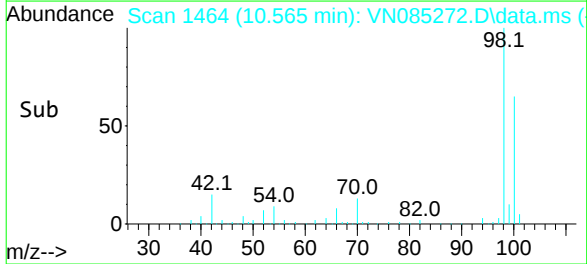
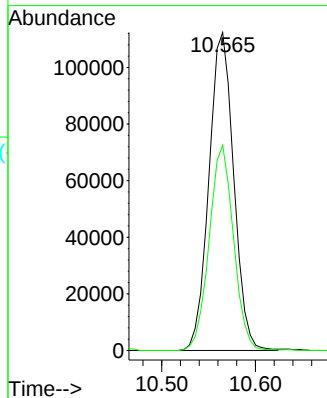
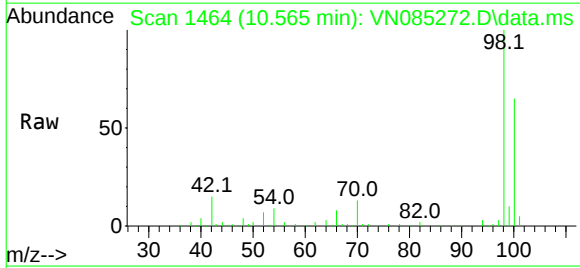
VSTDICC005

Tgt Ion: 98 Resp: 206247

Ion Ratio Lower Upper

98 100

100 63.3 50.8 76.2



#64

Chlorobenzene

Concen: 5.232 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN085272.D

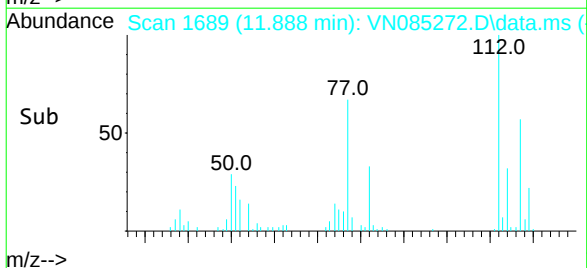
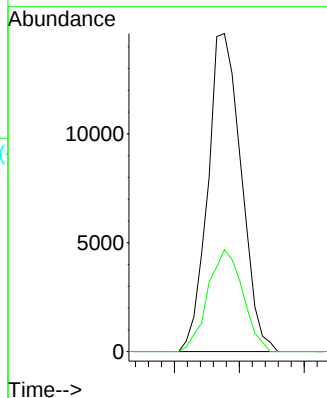
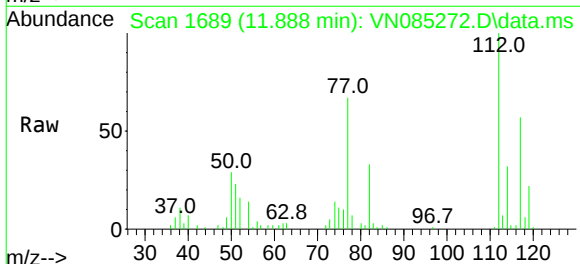
Acq: 20 Dec 2024 10:05

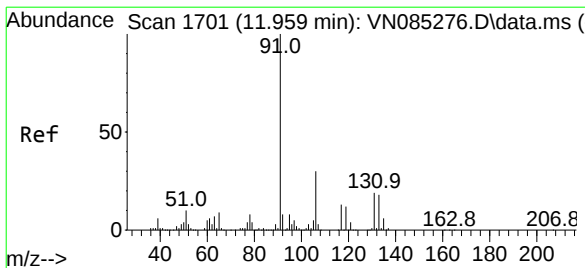
Tgt Ion: 112 Resp: 26160

Ion Ratio Lower Upper

112 100

114 32.1 26.4 39.6

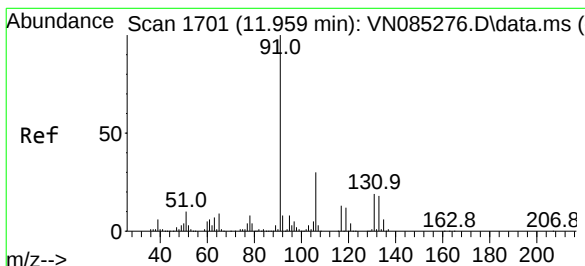
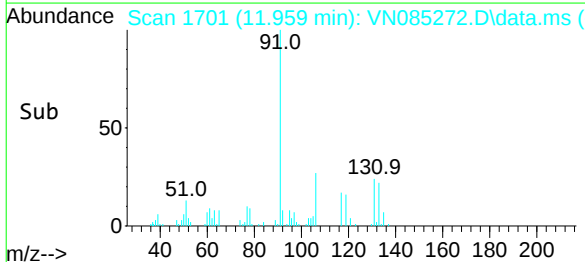
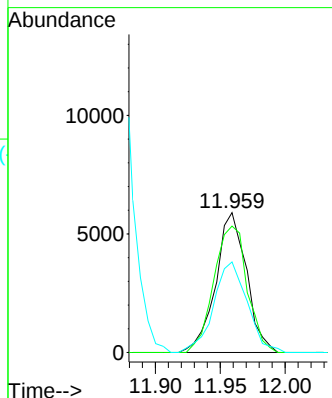
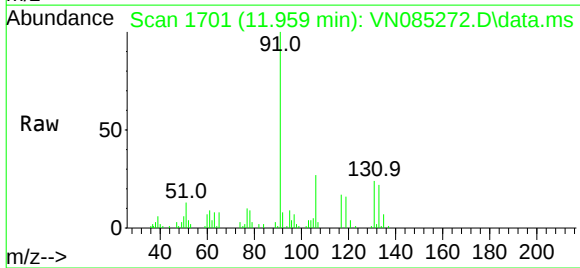




#65
1,1,1,2-Tetrachloroethane
Concen: 5.383 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

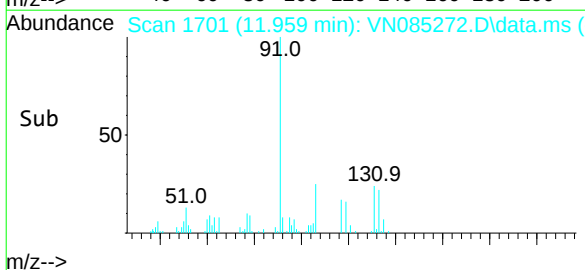
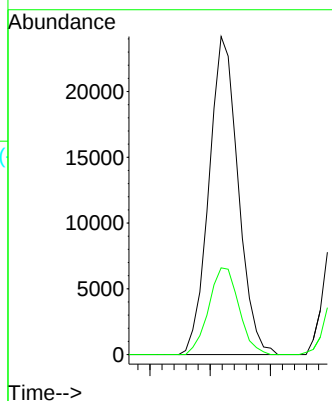
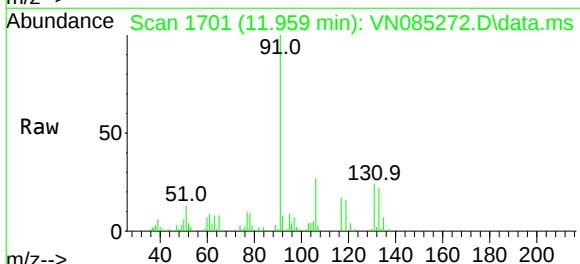
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

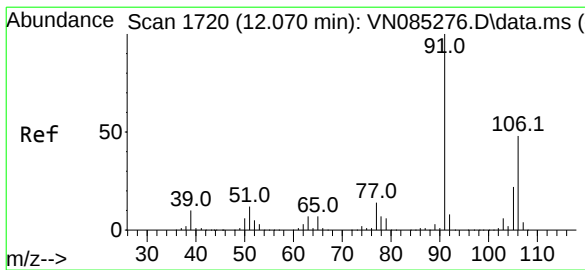
Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.8	0.0	189.4
119	70.6	0.0	135.0



#66
Ethyl Benzene
Concen: 4.667 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.005 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

Tgt Ion	Ratio	Lower	Upper
91	100		
106	27.3	23.2	34.8

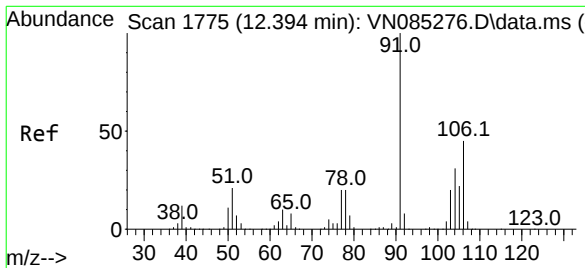
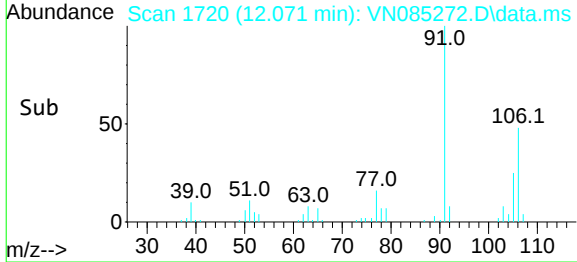
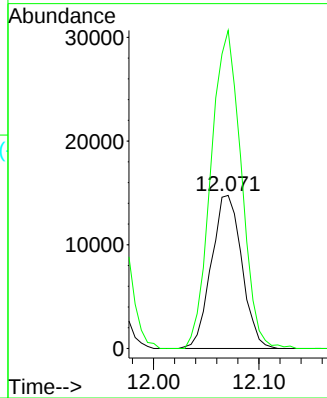
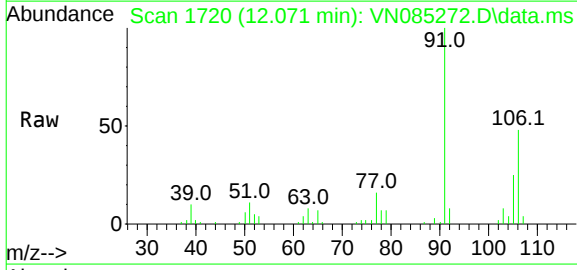




#67
m/p-Xylenes
Concen: 9.044 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

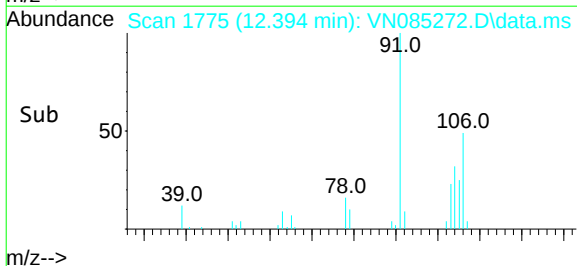
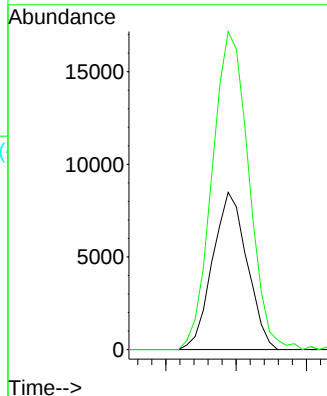
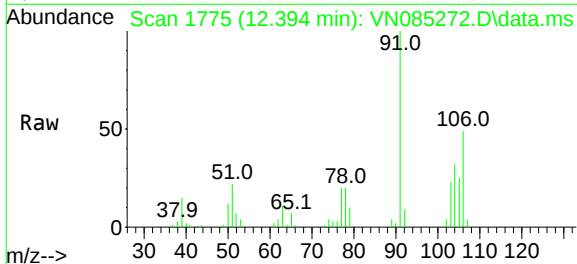
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

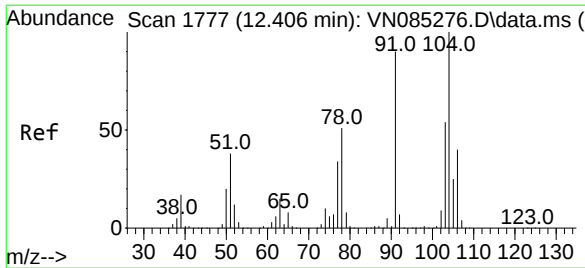
Tgt Ion:106 Resp: 29599
Ion Ratio Lower Upper
106 100
91 207.0 167.0 250.4



#68
o-Xylene
Concen: 4.650 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

Tgt Ion:106 Resp: 14496
Ion Ratio Lower Upper
106 100
91 213.9 110.6 331.8





#69

Styrene

Concen: 4.175 ug/l

RT: 12.412 min Scan# 17

Delta R.T. 0.000 min

Lab File: VN085272.D

Acq: 20 Dec 2024 10:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

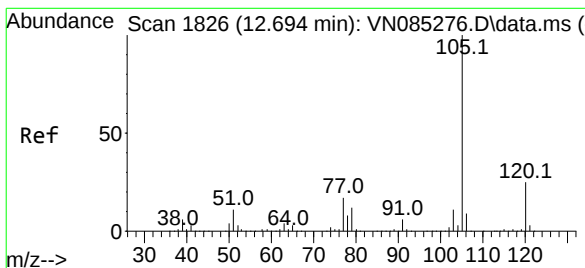
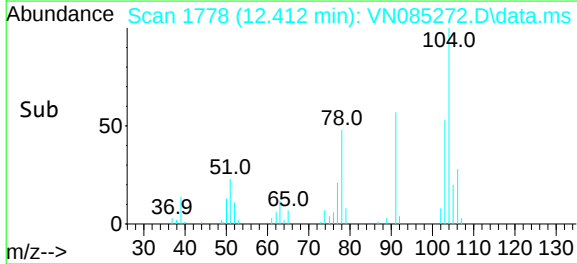
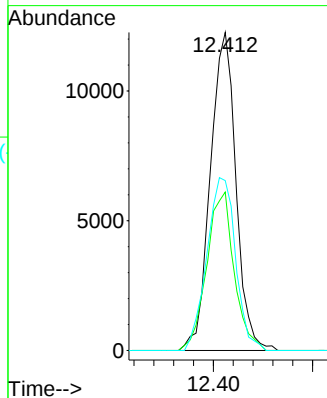
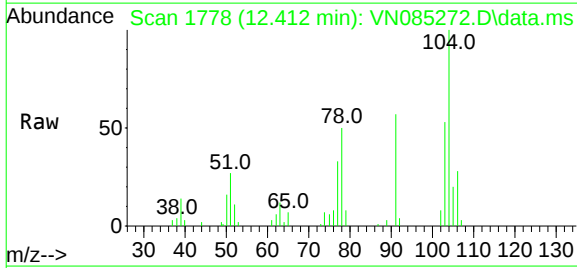
Tgt Ion:104 Resp: 21997

Ion Ratio Lower Upper

104 100

78 53.3 41.0 61.4

103 60.8 44.8 67.2



#70

Isopropylbenzene

Concen: 4.309 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN085272.D

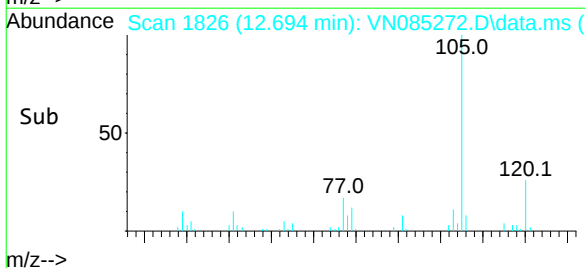
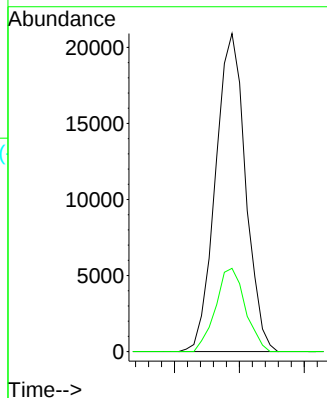
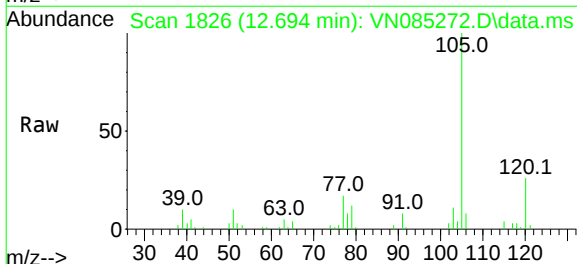
Acq: 20 Dec 2024 10:05

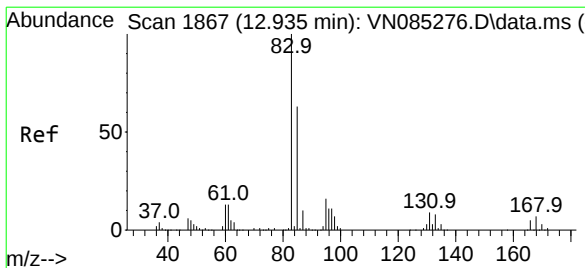
Tgt Ion:105 Resp: 33727

Ion Ratio Lower Upper

105 100

120 25.8 18.4 34.2

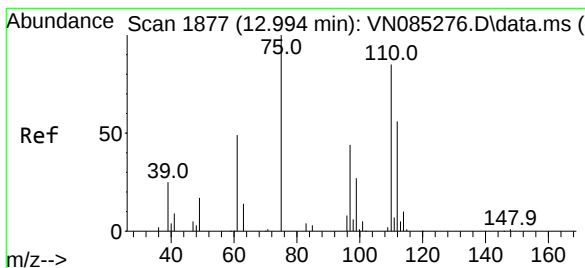
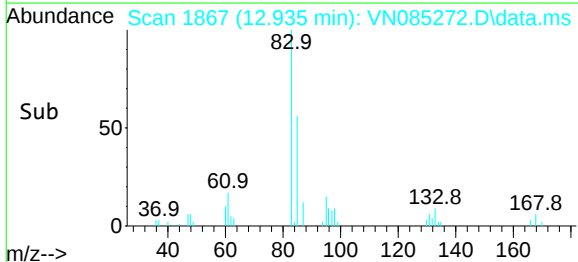
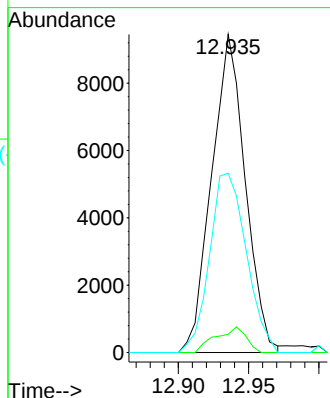
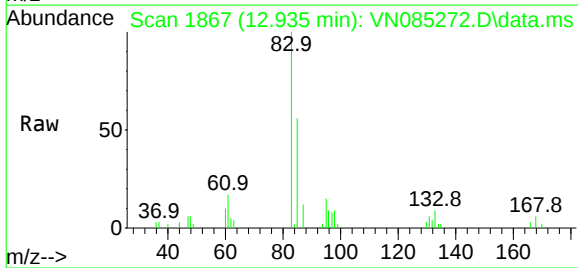




#71
1,1,2,2-Tetrachloroethane
Concen: 5.656 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

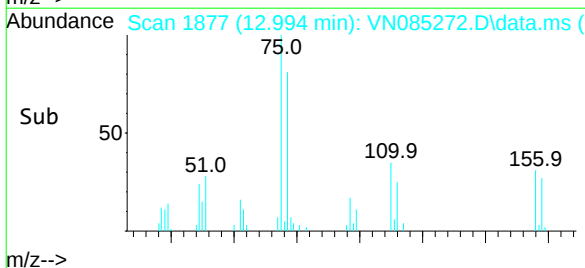
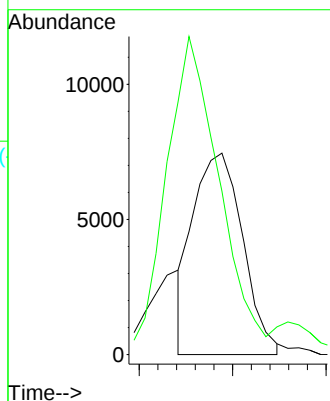
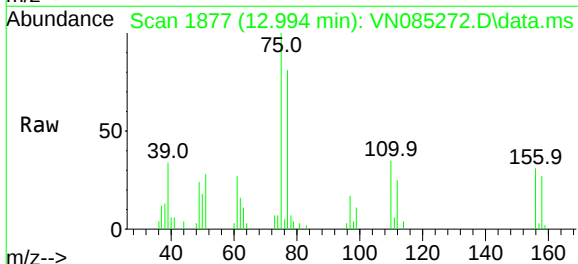
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

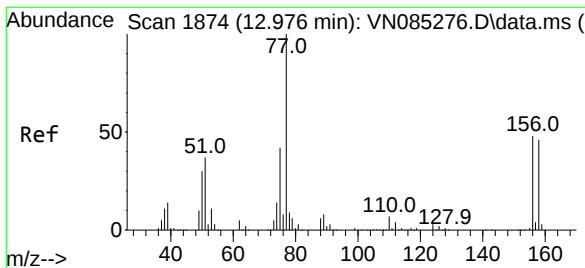
Tgt Ion:	83	Resp:	15703
Ion	Ratio	Lower	Upper
83	100		
131	7.2	5.0	15.0
85	61.7	33.0	98.9



#72
1,2,3-Trichloropropane
Concen: 5.523 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

Tgt Ion:	75	Resp:	13741
Ion	Ratio	Lower	Upper
75	100		
77	168.7	0.0	319.6





#73

Bromobenzene

Concen: 4.907 ug/l

RT: 12.977 min Scan# 1874

Delta R.T. 0.000 min

Lab File: VN085272.D

Acq: 20 Dec 2024 10:05

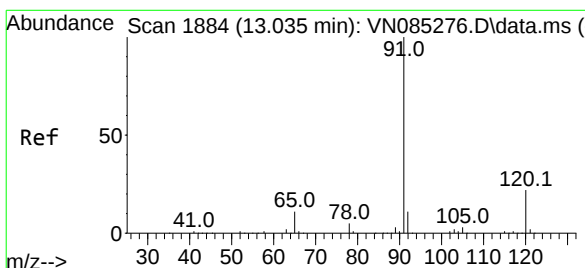
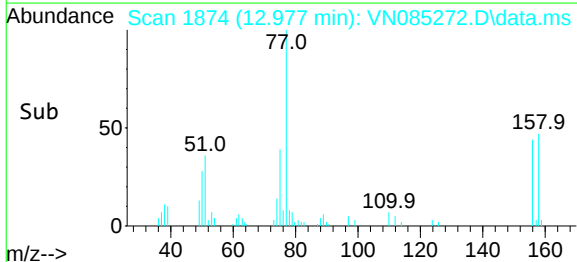
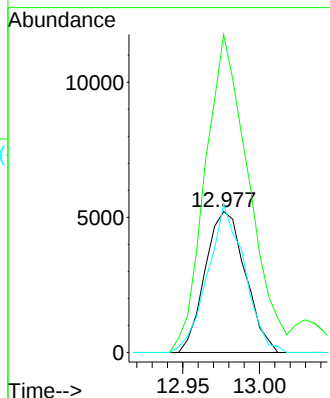
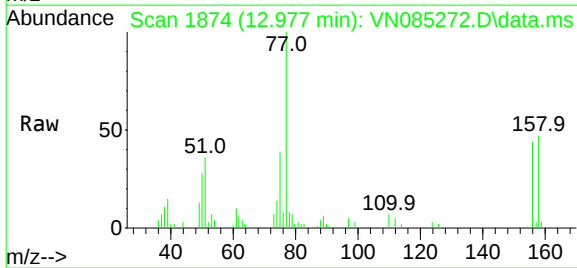
Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:	156	Resp:	9490
Ion	Ratio	Lower	Upper
156	100		
77	244.3	0.0	462.6
158	96.3	0.0	186.4



#74

n-propylbenzene

Concen: 4.507 ug/l

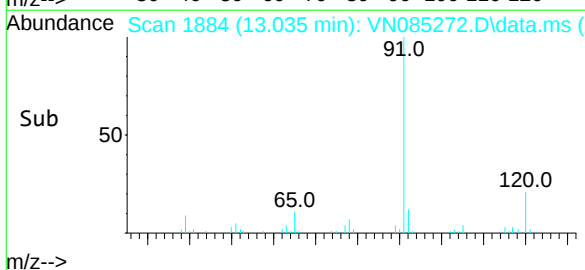
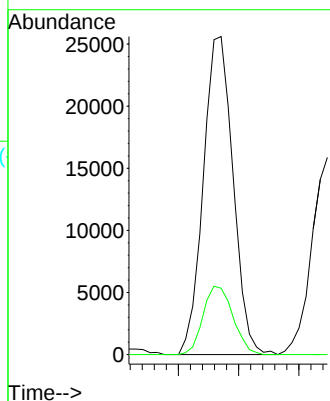
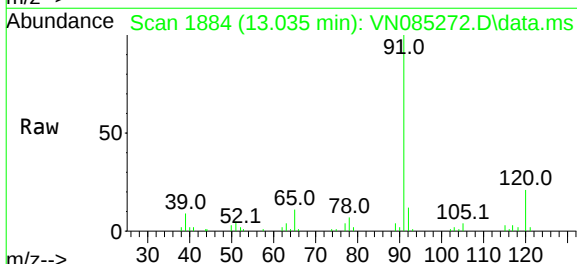
RT: 13.035 min Scan# 1884

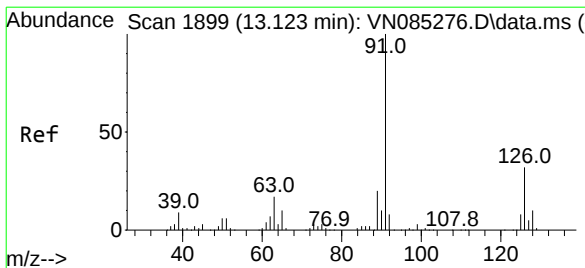
Delta R.T. 0.000 min

Lab File: VN085272.D

Acq: 20 Dec 2024 10:05

Tgt Ion:	91	Resp:	43948
Ion	Ratio	Lower	Upper
91	100		
120	21.6	0.0	41.4





#75

2-Chlorotoluene

Concen: 4.623 ug/l

RT: 13.124 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN085272.D

Acq: 20 Dec 2024 10:05

Instrument :

MSVOA_N

ClientSampleId :

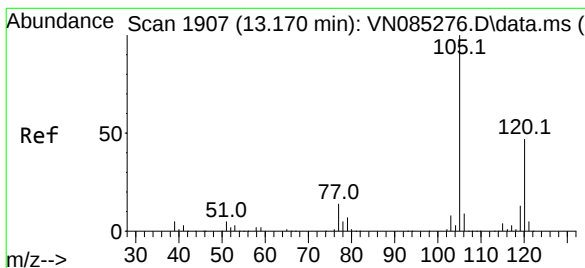
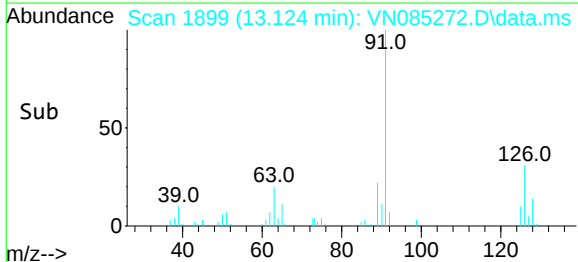
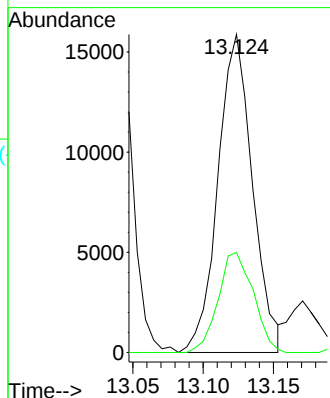
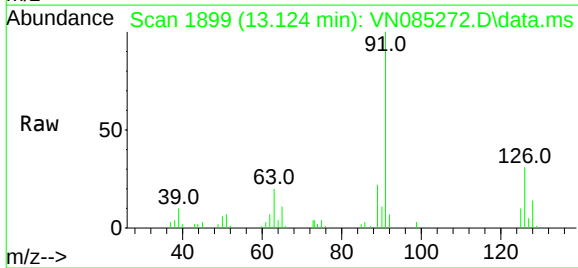
VSTDIC005

Tgt Ion: 91 Resp: 27159

Ion Ratio Lower Upper

91 100

126 32.0 0.0 65.0



#76

1,3,5-Trimethylbenzene

Concen: 4.276 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN085272.D

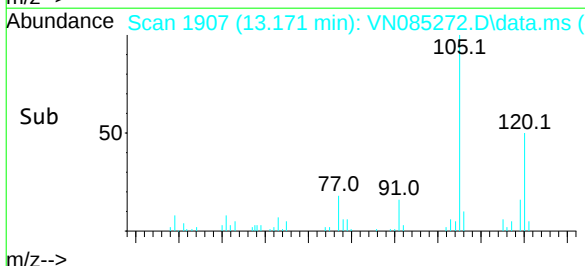
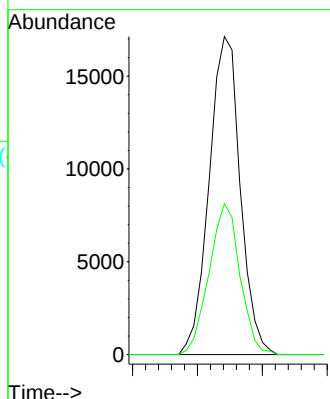
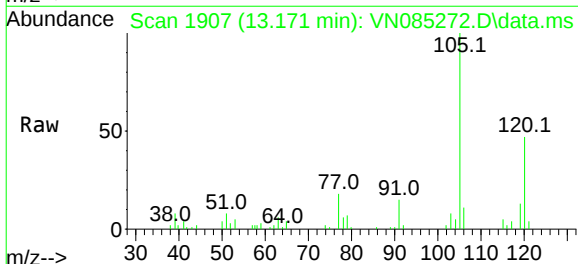
Acq: 20 Dec 2024 10:05

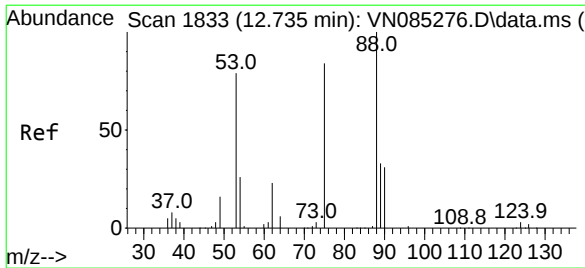
Tgt Ion:105 Resp: 28562

Ion Ratio Lower Upper

105 100

120 47.1 0.0 95.0

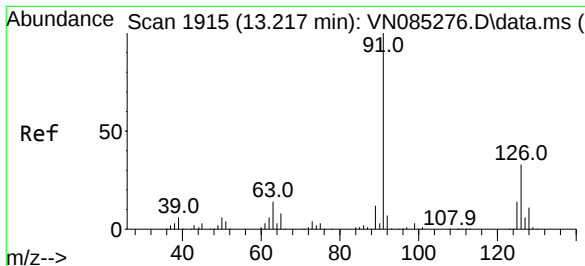
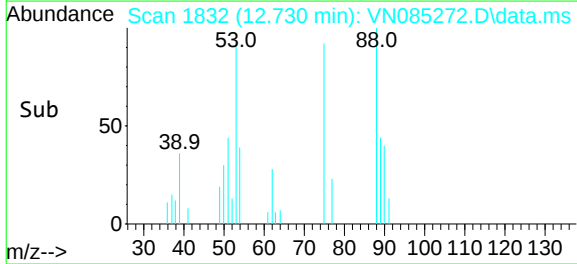
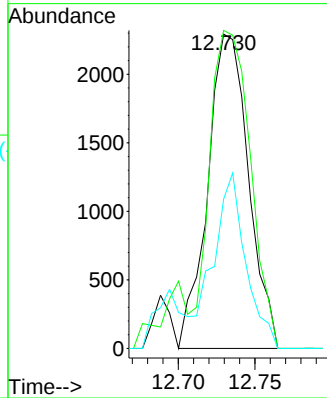
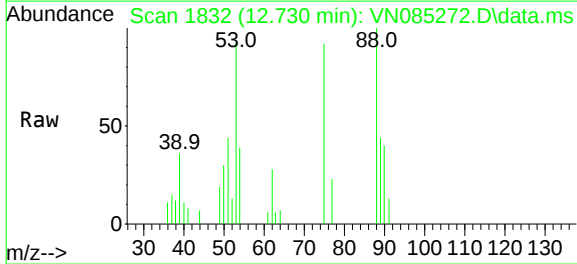




#77
t-1,4-Dichloro-2-butene
Concen: 4.401 ug/l
RT: 12.730 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

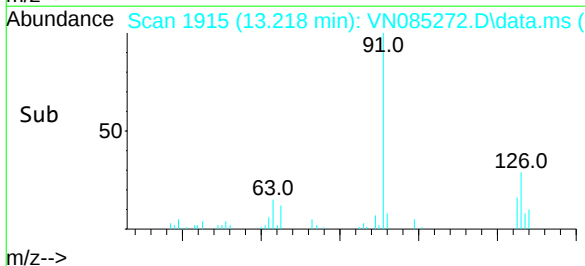
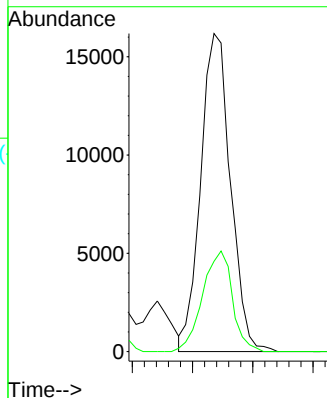
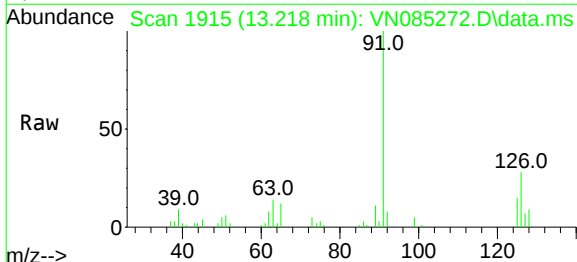
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

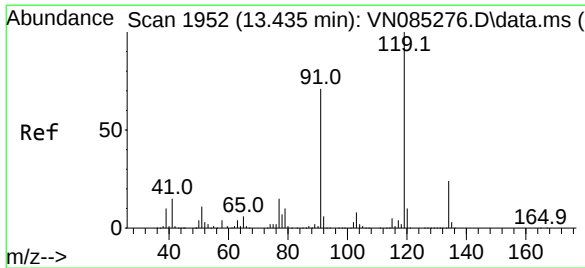
Tgt Ion:	75	Resp:	4250
Ion	Ratio	Lower	Upper
75	100		
53	101.2	54.9	164.5
89	47.6	22.8	68.3



#78
4-Chlorotoluene
Concen: 4.654 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

Tgt Ion:	91	Resp:	27799
Ion	Ratio	Lower	Upper
91	100		
126	31.7	0.0	63.6

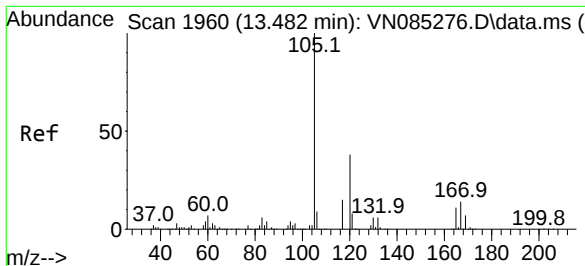
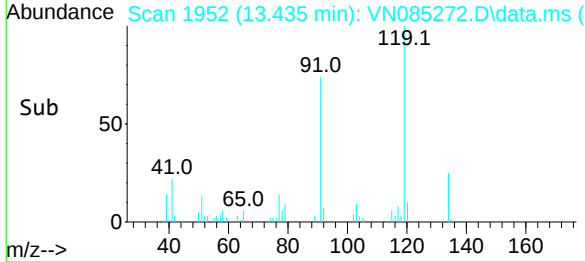
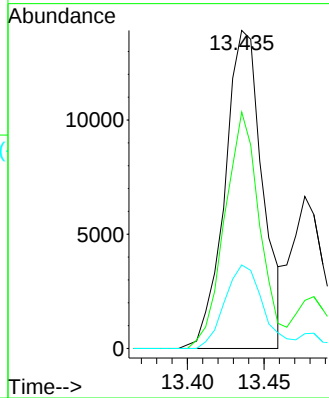
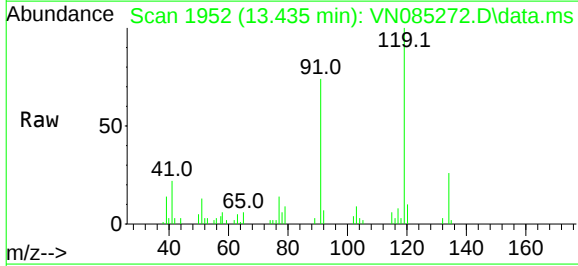




#79
tert-butylbenzene
Concen: 4.357 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

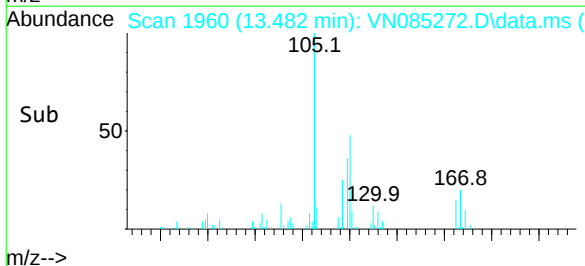
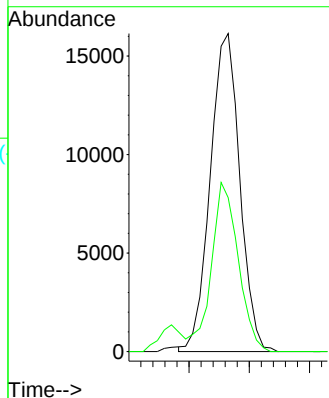
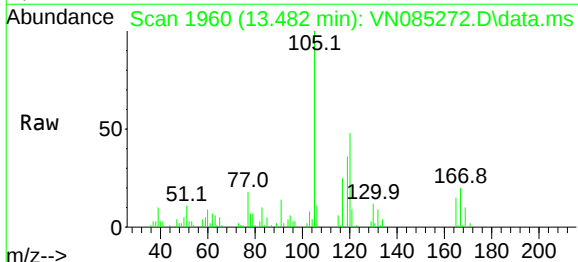
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

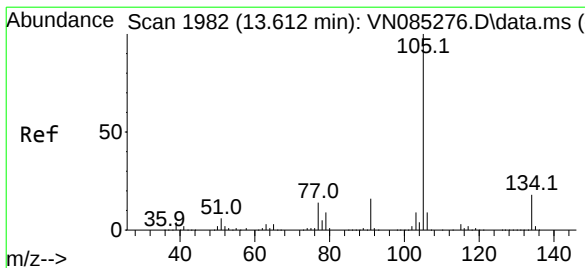
Tgt Ion:119 Resp: 23802
Ion Ratio Lower Upper
119 100
91 69.7 0.0 142.0
134 26.8 0.0 49.0



#80
1,2,4-Trimethylbenzene
Concen: 4.138 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

Tgt Ion:105 Resp: 27501
Ion Ratio Lower Upper
105 100
120 48.4 0.0 89.8

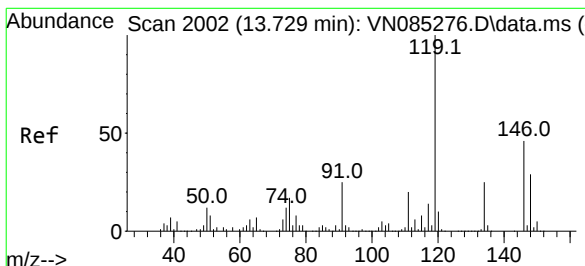
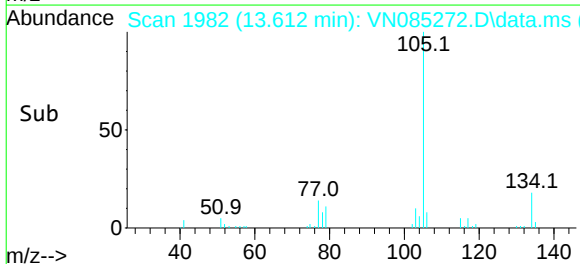
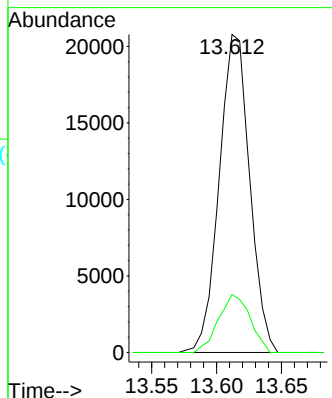
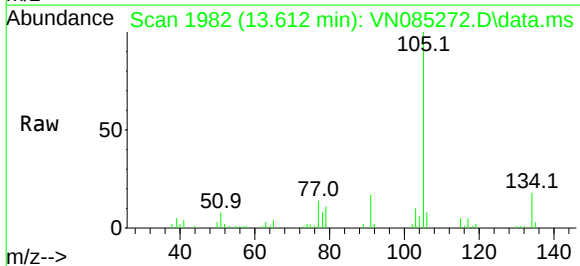




#81
 sec-Butylbenzene
 Concen: 4.305 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN085272.D
 Acq: 20 Dec 2024 10:05

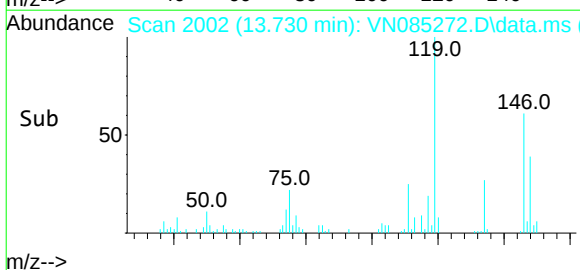
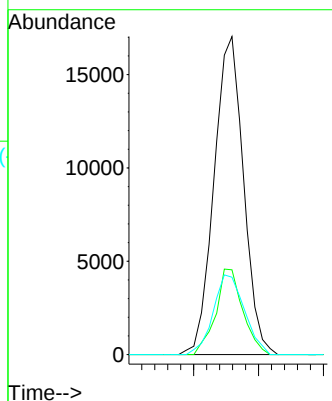
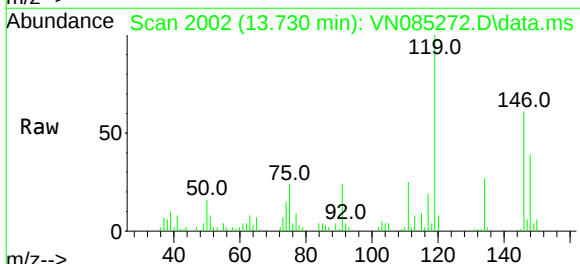
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

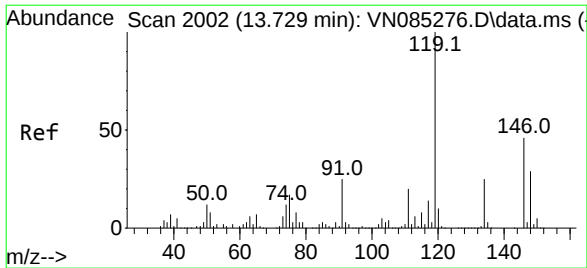
Tgt Ion:105 Resp: 33950
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 39.8



#82
 p-Isopropyltoluene
 Concen: 4.142 ug/l
 RT: 13.730 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN085272.D
 Acq: 20 Dec 2024 10:05

Tgt Ion:119 Resp: 26904
 Ion Ratio Lower Upper
 119 100
 134 24.7 0.0 51.4
 91 26.6 0.0 51.4





#83

1,3-Dichlorobenzene

Concen: 4.833 ug/l

RT: 13.730 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085272.D

Acq: 20 Dec 2024 10:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

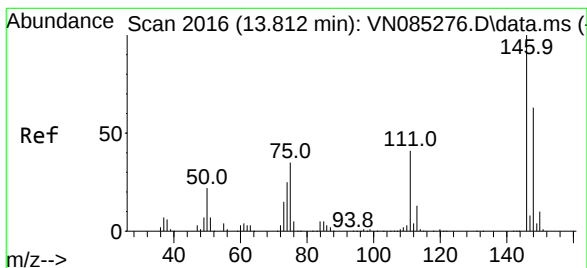
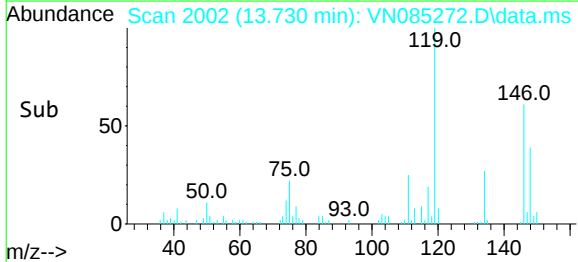
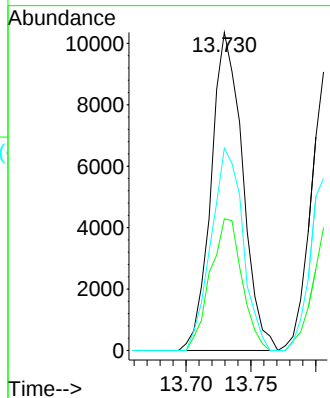
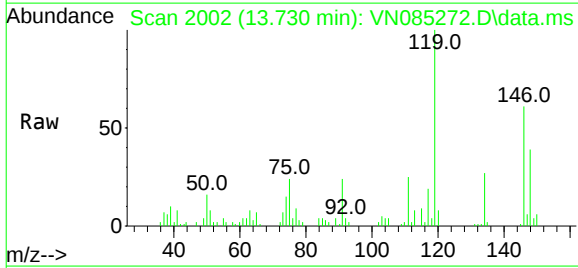
Tgt Ion:146 Resp: 17432

Ion Ratio Lower Upper

146 100

111 41.8 20.4 61.3

148 64.3 31.1 93.5



#84

1,4-Dichlorobenzene

Concen: 4.777 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN085272.D

Acq: 20 Dec 2024 10:05

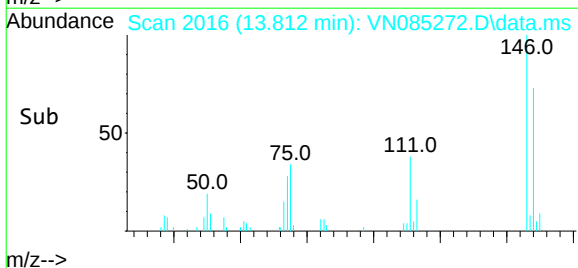
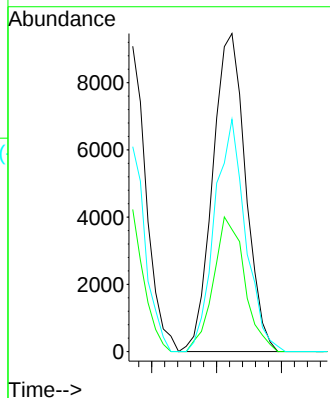
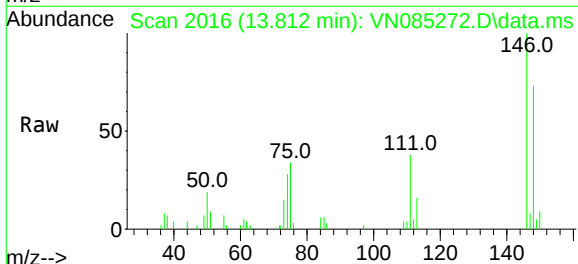
Tgt Ion:146 Resp: 16668

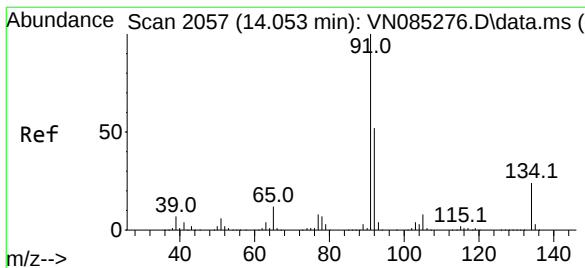
Ion Ratio Lower Upper

146 100

111 40.2 20.7 62.1

148 68.7 33.2 99.6

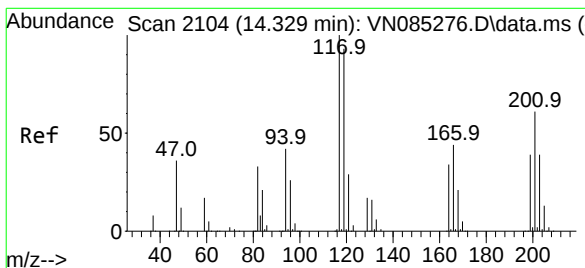
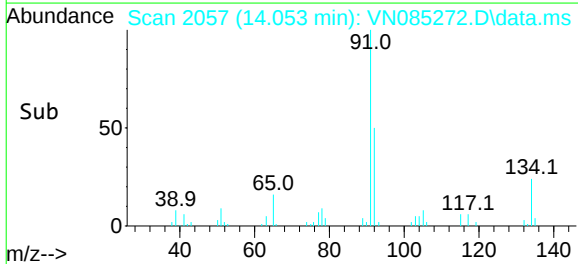
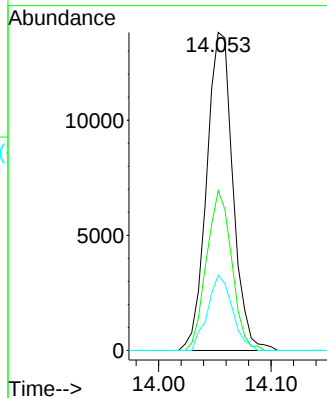
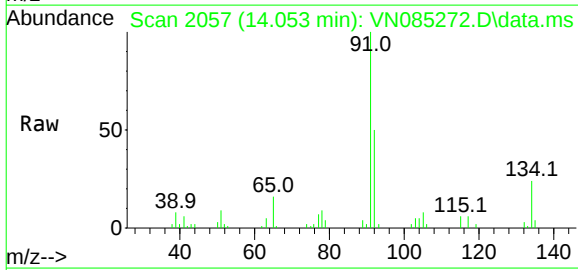




#85
n-Butylbenzene
Concen: 3.999 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

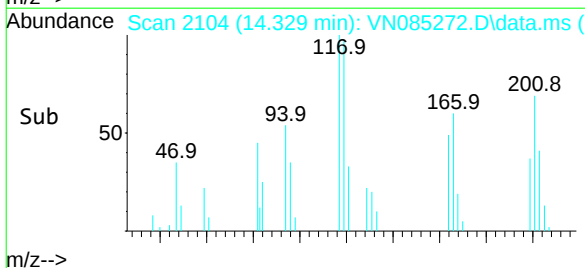
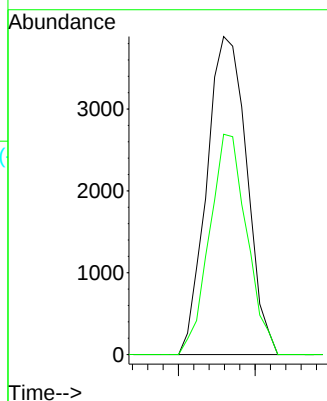
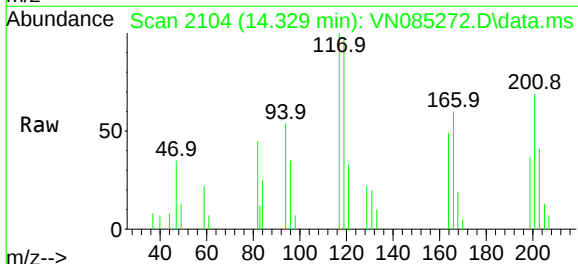
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

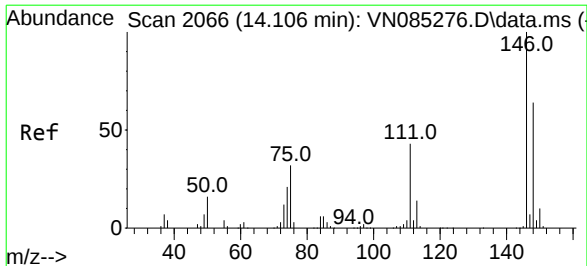
Tgt Ion:	91	Resp:	22425
Ion	Ratio	Lower	Upper
91	100		
92	48.1	0.0	102.0
134	22.4	0.0	46.4



#86
Hexachloroethane
Concen: 5.057 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

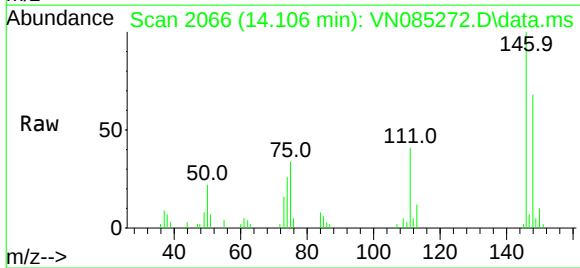
Tgt Ion:	117	Resp:	7051
Ion	Ratio	Lower	Upper
117	100		
201	64.5	31.8	95.3



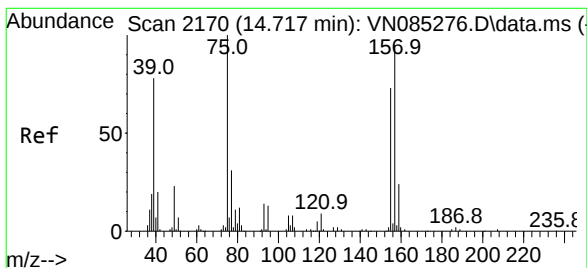
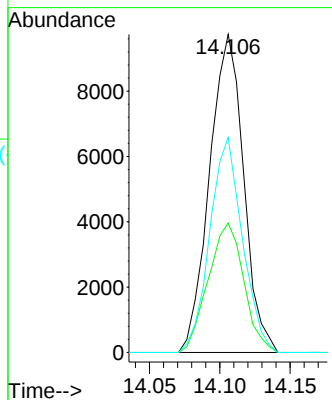
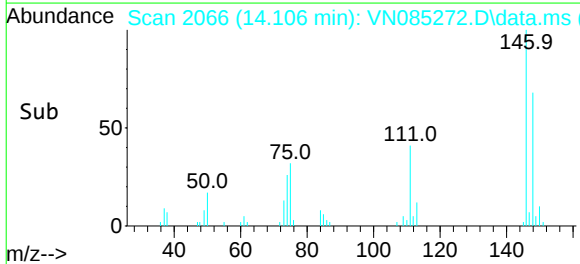


#87
1,2-Dichlorobenzene
Concen: 4.791 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

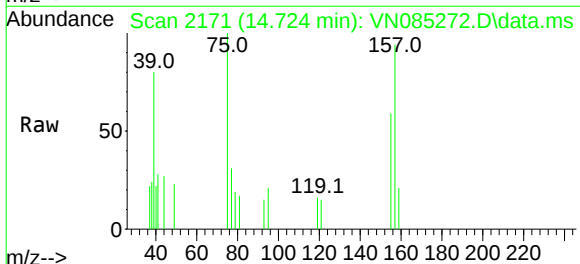
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



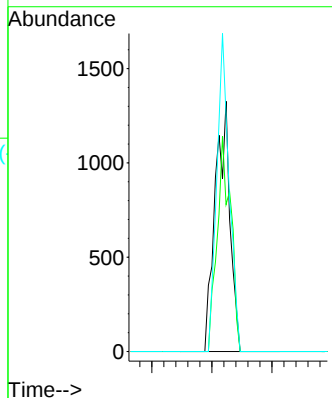
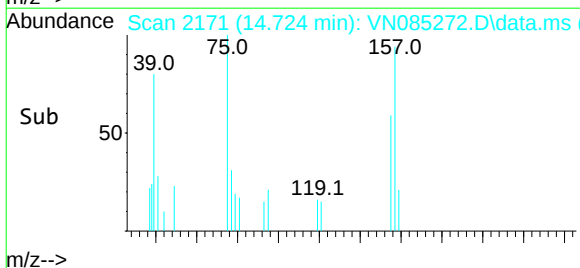
Tgt Ion:	146	Resp:	16417
Ion	Ratio	Lower	Upper
146	100		
111	42.4	22.1	66.3
148	64.7	32.5	97.4

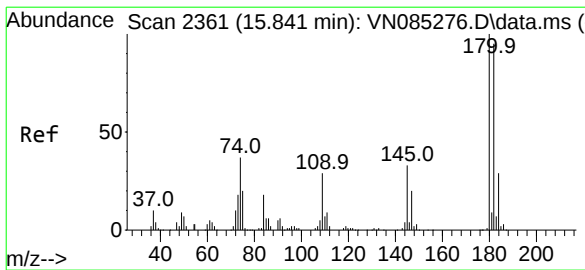


#88
1,2-Dibromo-3-Chloropropane
Concen: 4.501 ug/l m
RT: 14.724 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05



Tgt Ion:	75	Resp:	2281
Ion	Ratio	Lower	Upper
75	100		
155	79.1	53.4	80.0
157	106.1	74.2	111.4





#89

1,2,4-Trichlorobenzene

Concen: 4.196 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085272.D

Acq: 20 Dec 2024 10:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

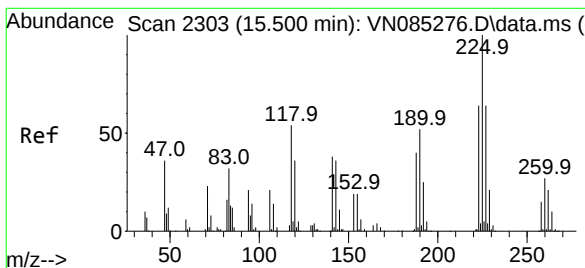
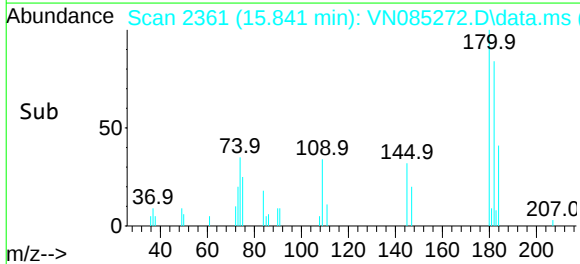
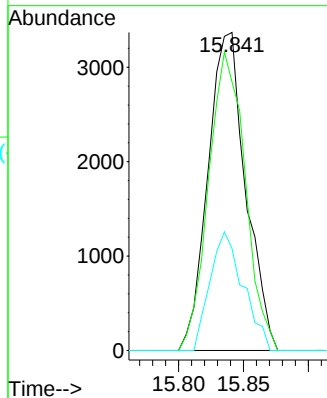
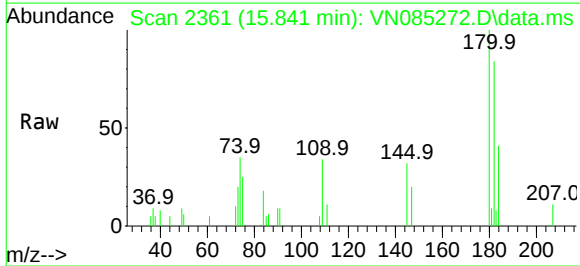
Tgt Ion:180 Resp: 6811

Ion Ratio Lower Upper

180 100

182 91.2 76.5 114.7

145 32.8 27.4 41.2



#90

Hexachlorobutadiene

Concen: 5.602 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN085272.D

Acq: 20 Dec 2024 10:05

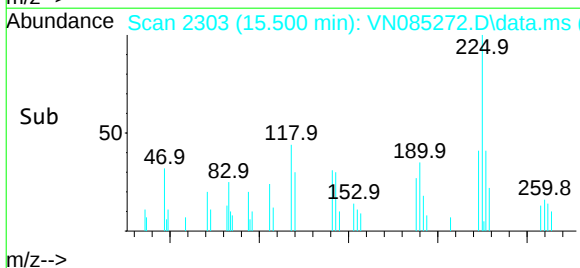
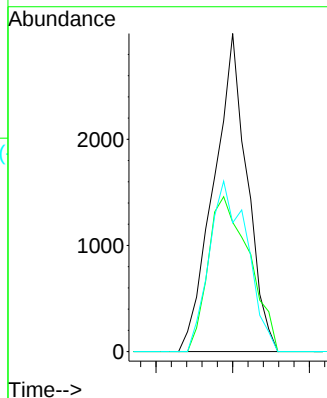
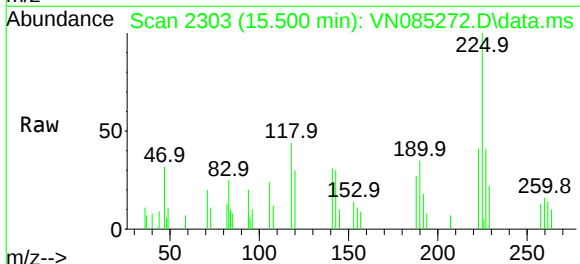
Tgt Ion:225 Resp: 4533

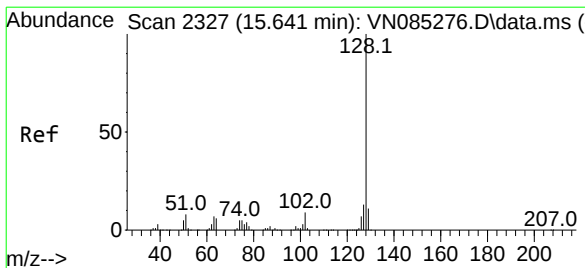
Ion Ratio Lower Upper

225 100

223 60.2 0.0 116.2

227 60.8 0.0 116.4





#91

Naphthalene

Concen: 3.406 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN085272.D

Acq: 20 Dec 2024 10:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

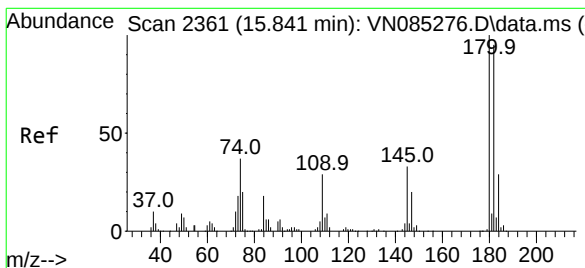
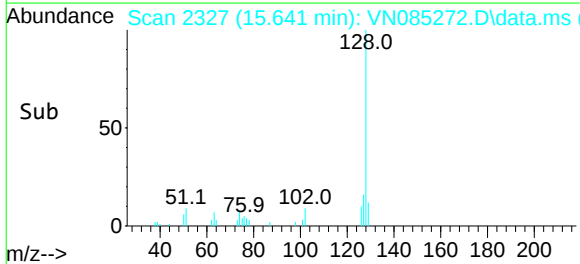
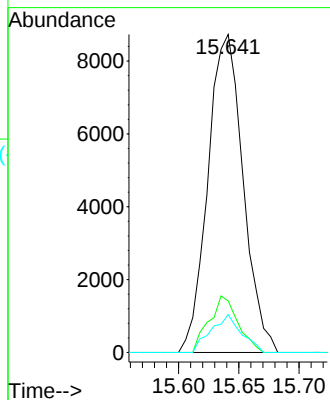
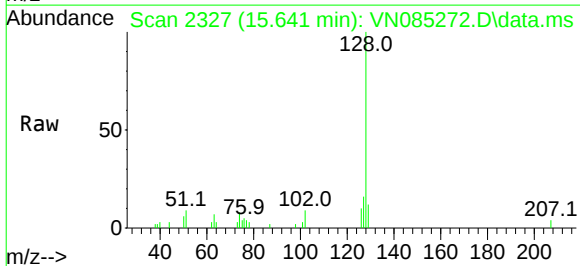
Tgt Ion:128 Resp: 17764

Ion Ratio Lower Upper

128 100

127 14.6 10.6 16.0

129 10.3 8.6 13.0



#92

1,2,3-Trichlorobenzene

Concen: 4.196 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085272.D

Acq: 20 Dec 2024 10:05

Tgt Ion:180 Resp: 6811

Ion Ratio Lower Upper

180 100

182 91.2 0.0 191.2

145 32.8 0.0 68.6

