

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122024\
 Data File : VN085272.D
 Acq On : 20 Dec 2024 10:05
 Operator : JC\MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

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	5286	2.859	ug/l #	76
11) Methyl Iodide	4.589	142	8960	4.044	ug/l	90
12) Methyl Acetate	5.012	43	5423	1.966	ug/l #	81
13) Acrolein	4.177	56	8162	33.117	ug/l #	63
14) Acrylonitrile	5.724	53	23999	22.475	ug/l	99
15) Acetone	4.424	58	3341	12.404	ug/l	99
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	5.507	59	3766	10.702	ug/l #	100
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	7.771	41	4334	2.887	ug/l	93
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

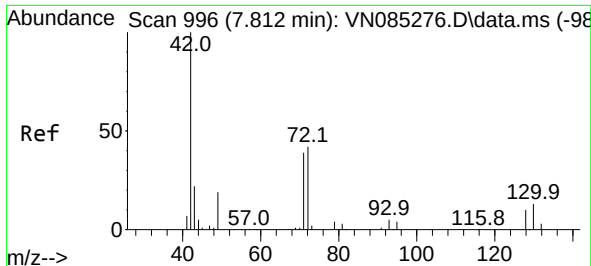
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122024\
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Instrument :
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	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	17809	7.158	ug/l	78
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...	14.712	75	1338	2.640	ug/l #	11
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

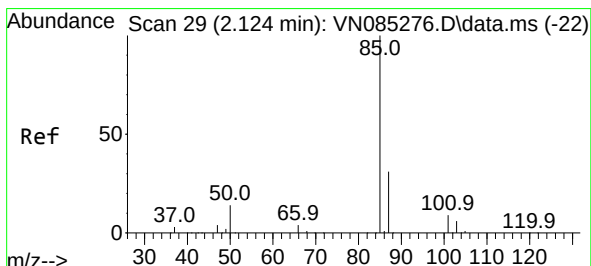
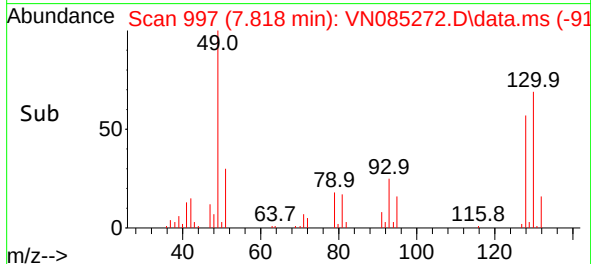
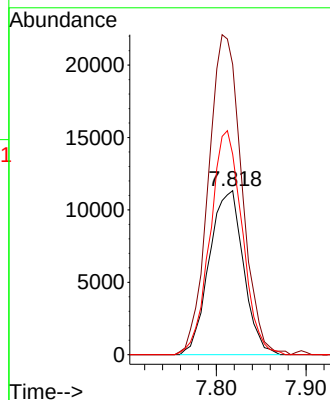
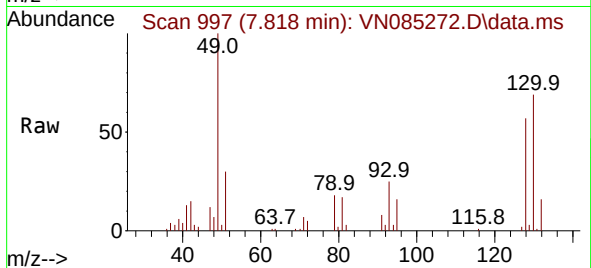
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

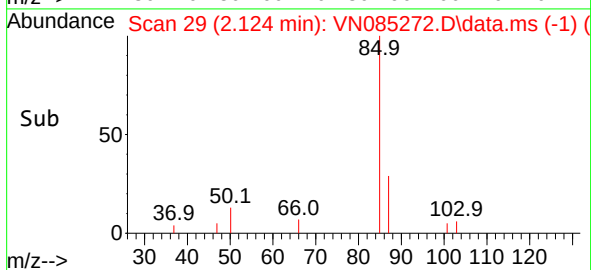
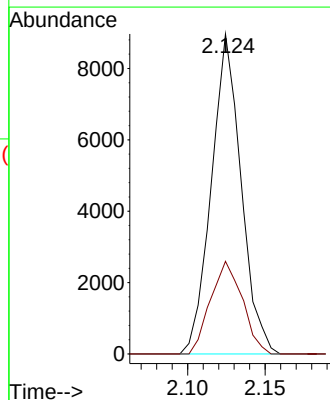
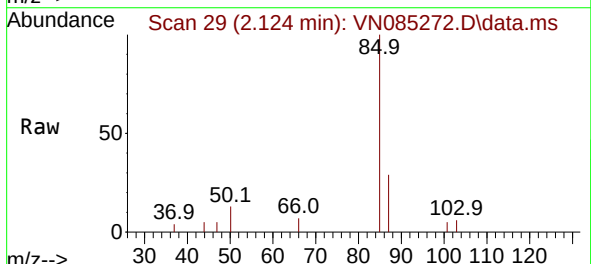
Instrument :
MSVOA_N
ClientSampleId :

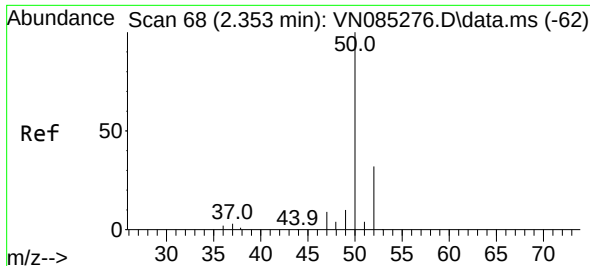
Tgt Ion:128 Resp: 29925
Ion Ratio Lower Upper
128 100
49 190.1 0.0 497.8
130 128.8 0.0 328.5



#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: 85 Resp: 11972
Ion Ratio Lower Upper
85 100
87 29.0 16.5 49.5

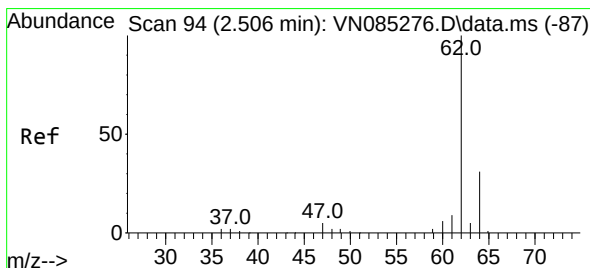
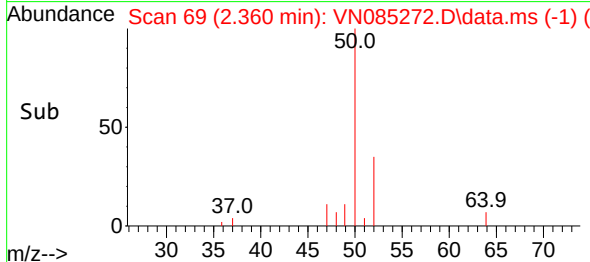
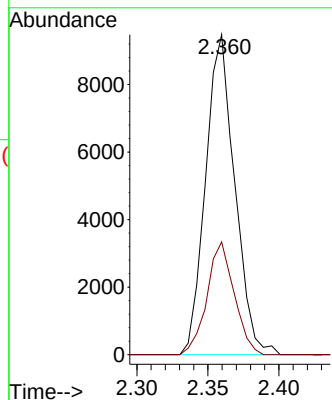
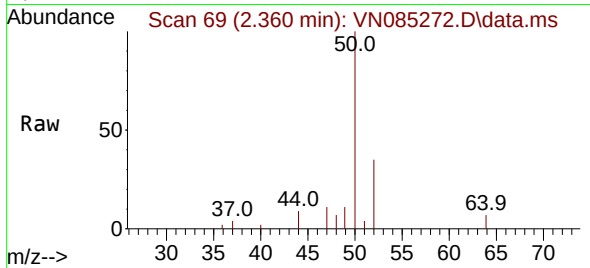




#3
Chloromethane
Concen: 5.364 ug/l
RT: 2.360 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

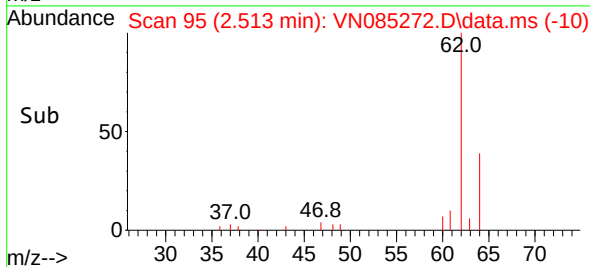
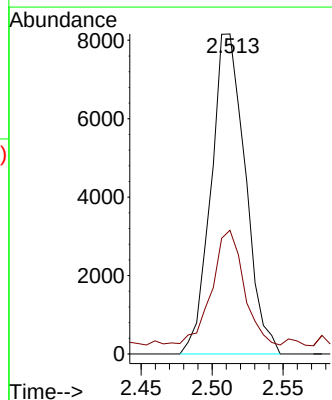
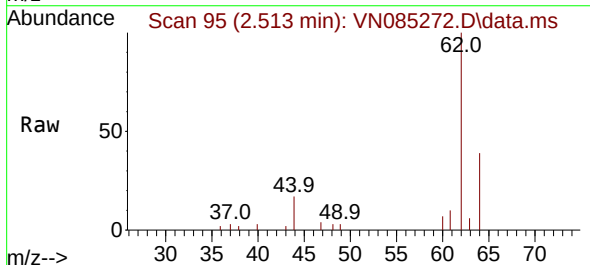
Instrument :
MSVOA_N
ClientSampleId :

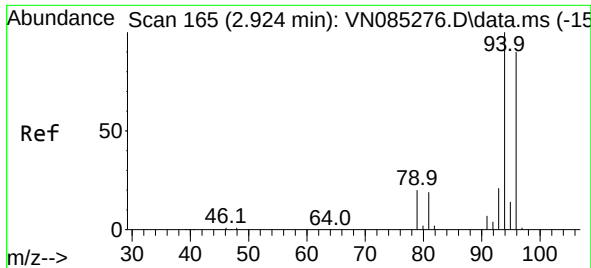
Tgt Ion: 50 Resp: 13552
Ion Ratio Lower Upper
50 100
52 35.2 26.5 39.7



#4
Vinyl Chloride
Concen: 5.326 ug/l
RT: 2.513 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

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# 11

Delta R.T. -0.006 min

Lab File: VN085272.D

Acq: 20 Dec 2024 10:05

Instrument :

MSVOA_N

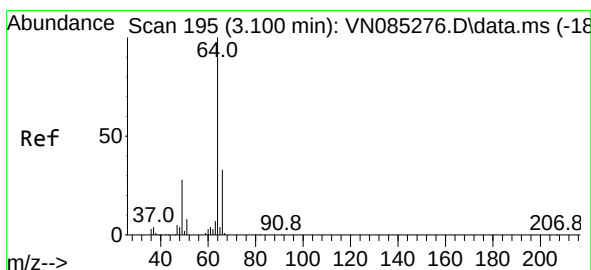
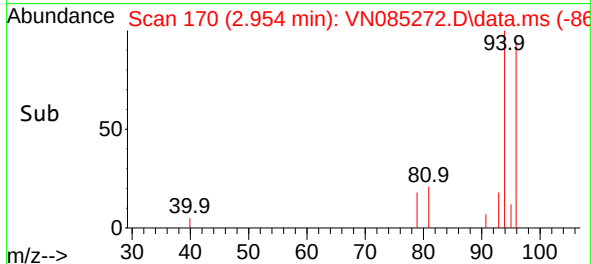
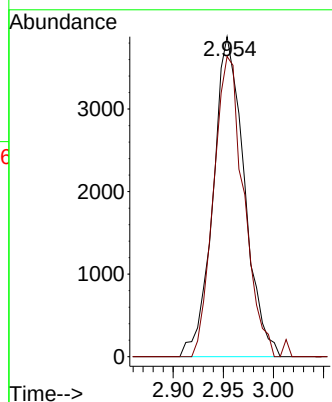
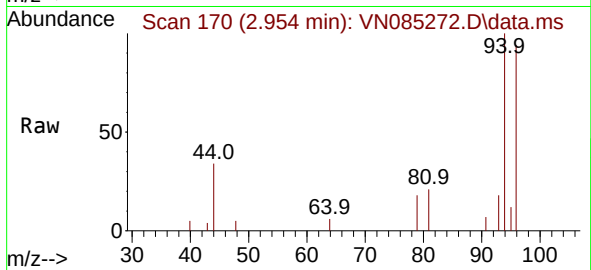
ClientSampleId :

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

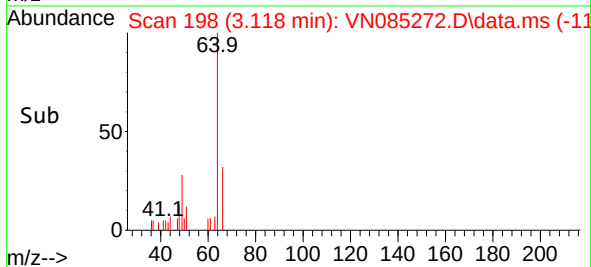
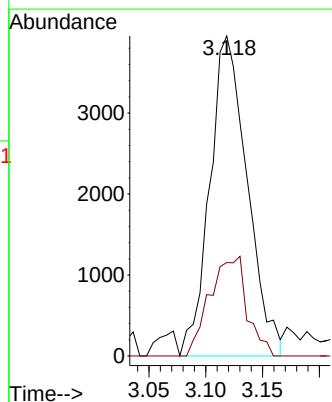
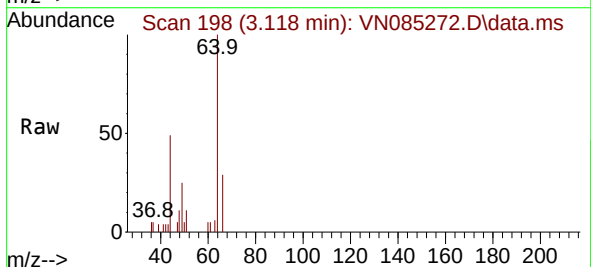
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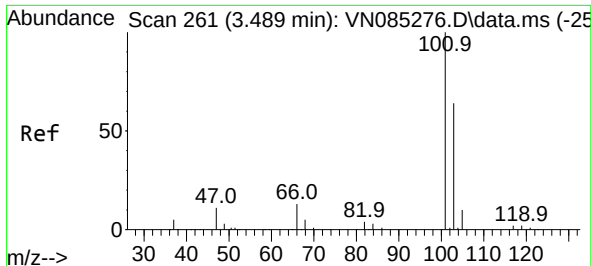
Tgt Ion: 64 Resp: 9071

Ion Ratio Lower Upper

64 100

66 29.2 22.2 33.4

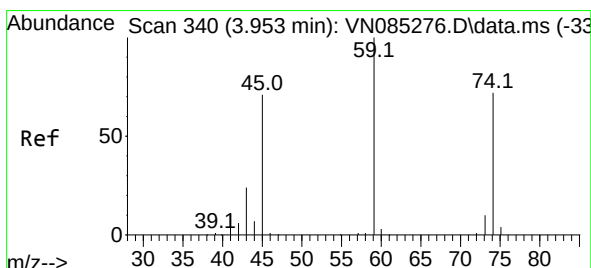
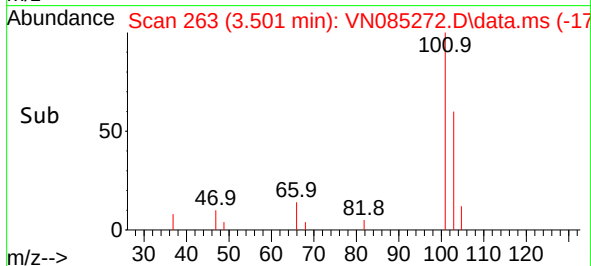
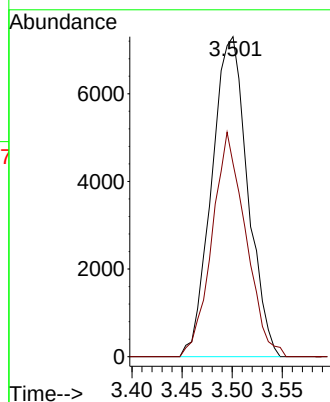
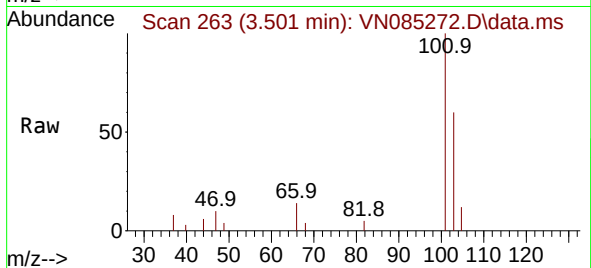




#7
 Trichlorofluoromethane
 Concen: 5.180 ug/l
 RT: 3.501 min Scan# 2
 Delta R.T. 0.000 min
 Lab File: VN085272.D
 Acq: 20 Dec 2024 10:05

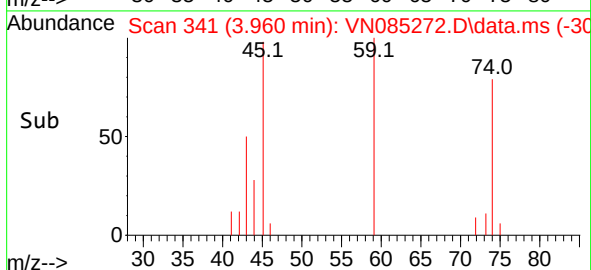
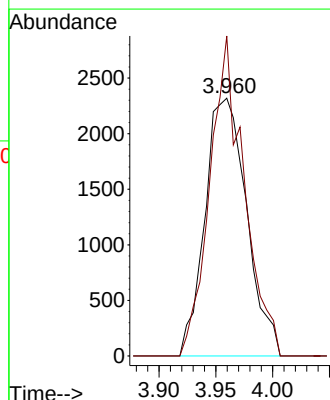
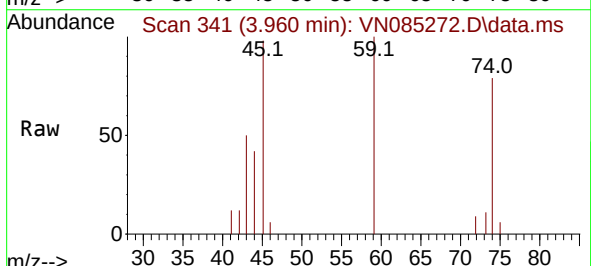
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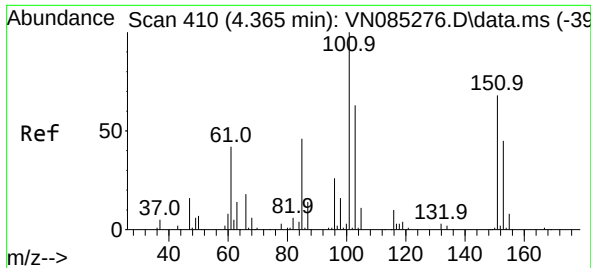
Tgt Ion:101 Resp: 18255
 Ion Ratio Lower Upper
 101 100
 103 60.4 52.6 78.8



#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

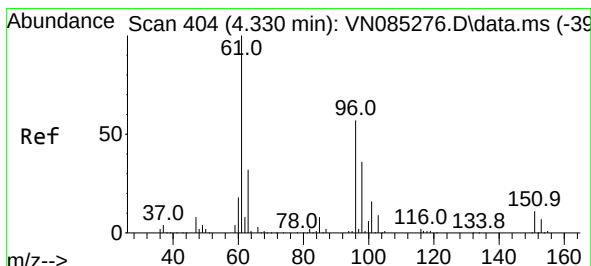
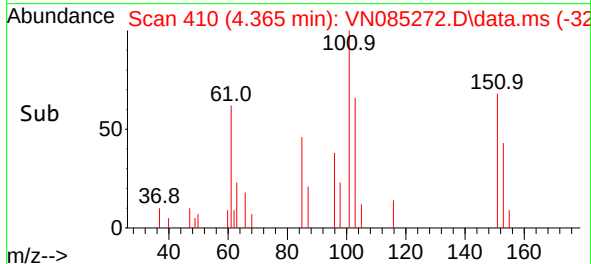
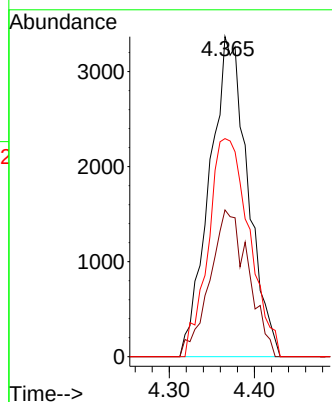
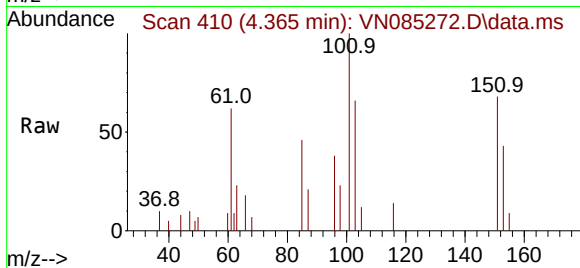




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 5.180 ug/l
 RT: 4.365 min Scan# 410
 Delta R.T. -0.006 min
 Lab File: VN085272.D
 Acq: 20 Dec 2024 10:05

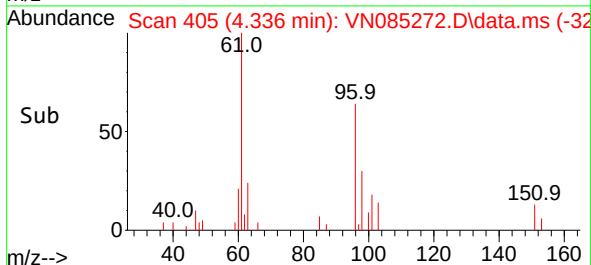
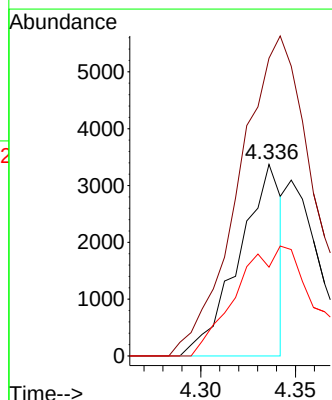
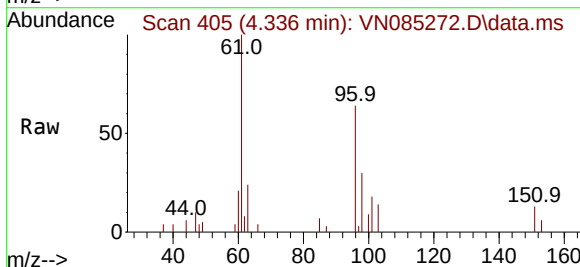
Instrument :
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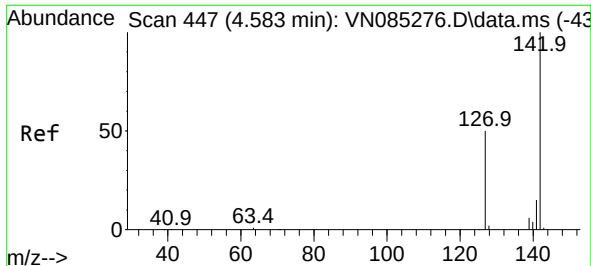
Tgt Ion:101 Resp: 10482
 Ion Ratio Lower Upper
 101 100
 85 34.4 0.0 96.6
 151 73.0 0.0 147.4



#10
 1,1-Dichloroethene
 Concen: 2.859 ug/l
 RT: 4.336 min Scan# 405
 Delta R.T. -0.005 min
 Lab File: VN085272.D
 Acq: 20 Dec 2024 10:05

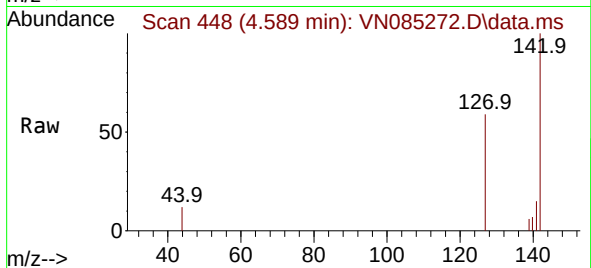
Tgt Ion: 96 Resp: 5286
 Ion Ratio Lower Upper
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 98 46.4 51.9 77.9#



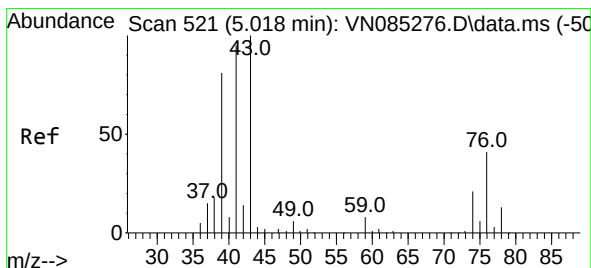
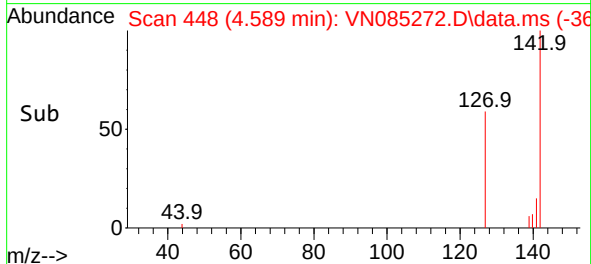
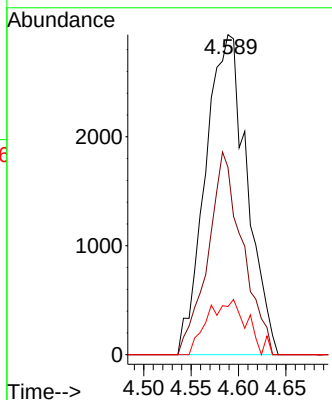


#11
Methyl Iodide
Concen: 4.044 ug/l
RT: 4.589 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

Instrument :
MSVOA_N
ClientSampleId :

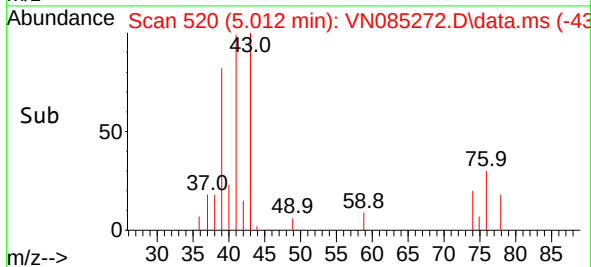
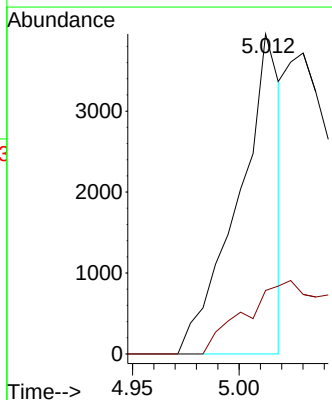
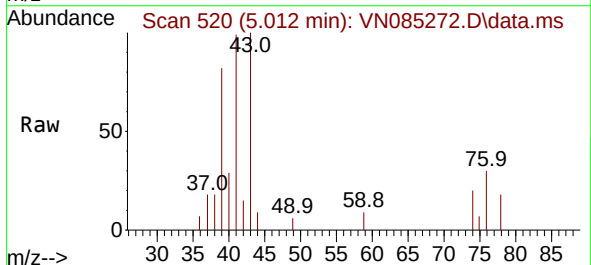


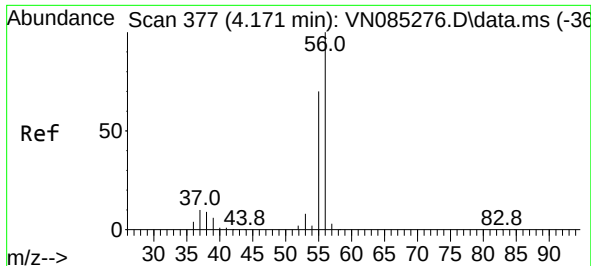
Tgt Ion:142 Resp: 8960
Ion Ratio Lower Upper
142 100
127 58.5 25.1 75.4
141 15.0 6.9 20.7



#12
Methyl Acetate
Concen: 1.966 ug/l
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: 5423
Ion Ratio Lower Upper
43 100
74 16.1 20.5 30.7#





#13

Acrolein

Concen: 33.117 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.005 min

Lab File: VN085272.D

Acq: 20 Dec 2024 10:05

Instrument :

MSVOA_N

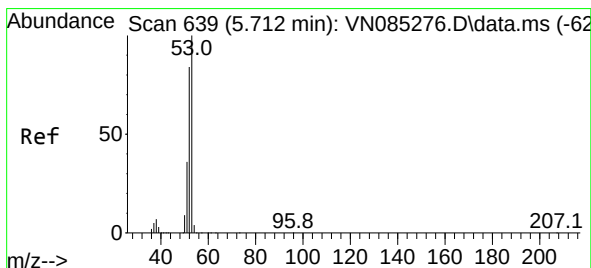
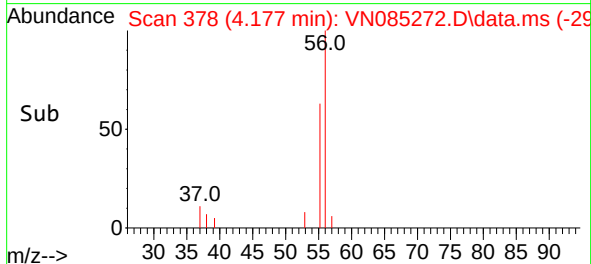
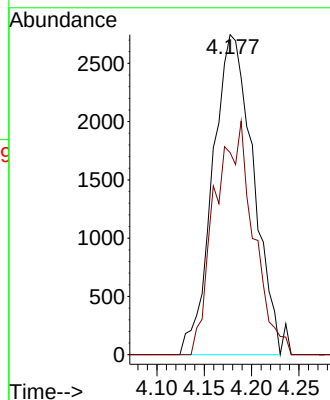
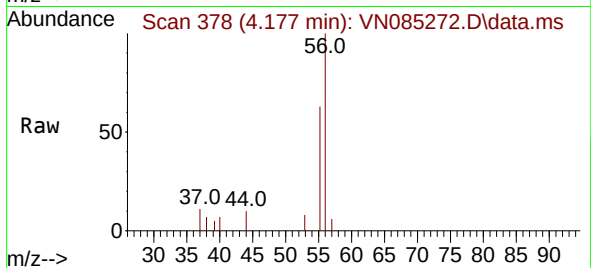
ClientSampleId :

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

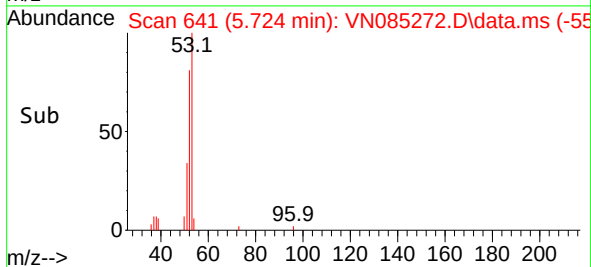
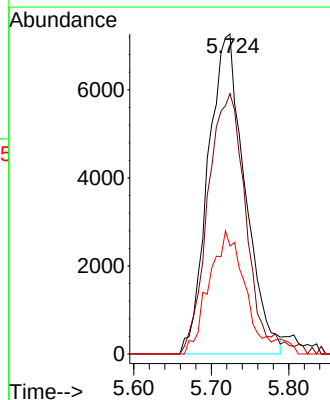
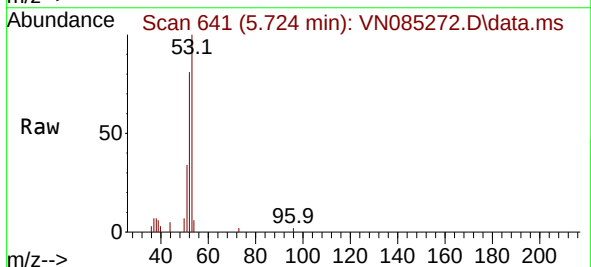
Tgt Ion: 53 Resp: 23999

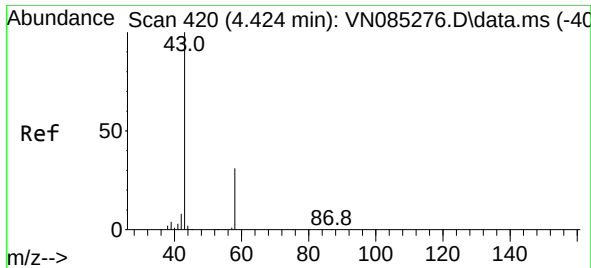
Ion Ratio Lower Upper

53 100

52 82.1 41.6 124.8

51 37.1 18.1 54.4





#15

Acetone

Concen: 12.404 ug/l

RT: 4.424 min Scan# 41

Delta R.T. -0.005 min

Lab File: VN085272.D

Acq: 20 Dec 2024 10:05

Instrument :

MSVOA_N

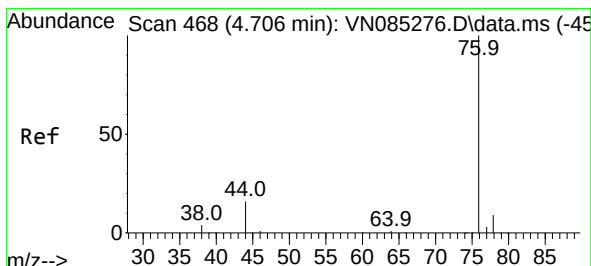
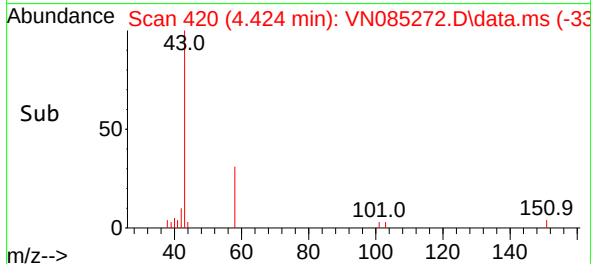
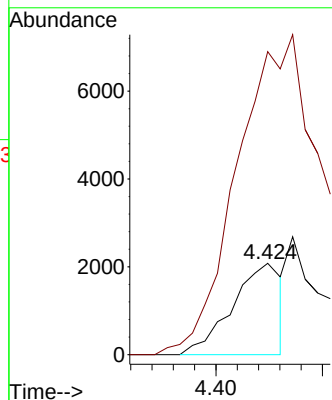
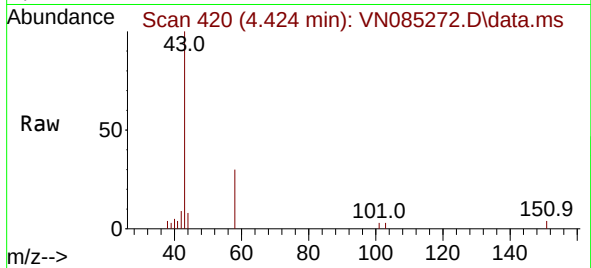
ClientSampleId :

Tgt Ion: 58 Resp: 3341

Ion Ratio Lower Upper

58 100

43 320.8 258.8 388.2



#16

Carbon Disulfide

Concen: 5.309 ug/l

RT: 4.707 min Scan# 468

Delta R.T. -0.005 min

Lab File: VN085272.D

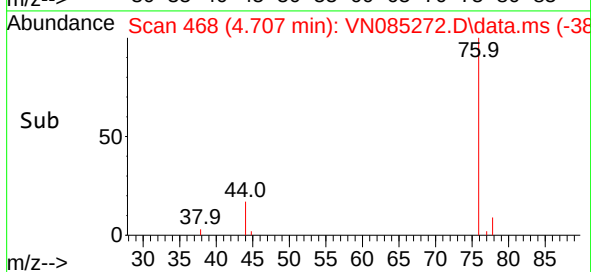
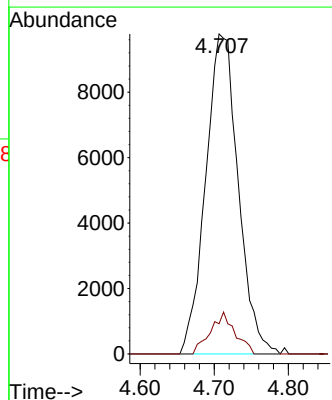
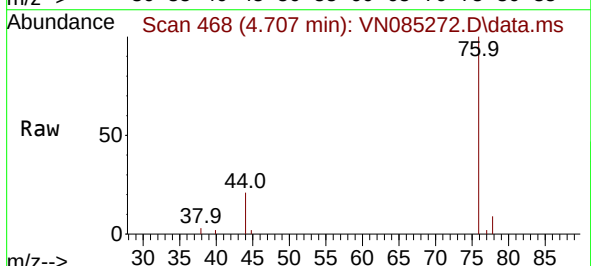
Acq: 20 Dec 2024 10:05

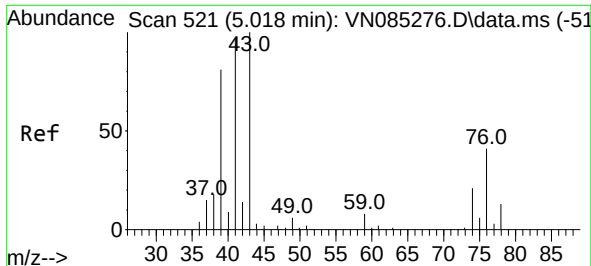
Tgt Ion: 76 Resp: 29834

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# 51

Delta R.T. 0.000 min

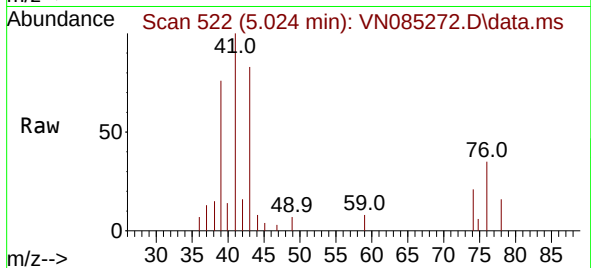
Lab File: VN085272.D

Acq: 20 Dec 2024 10:05

Instrument :

MSVOA_N

ClientSampleId :



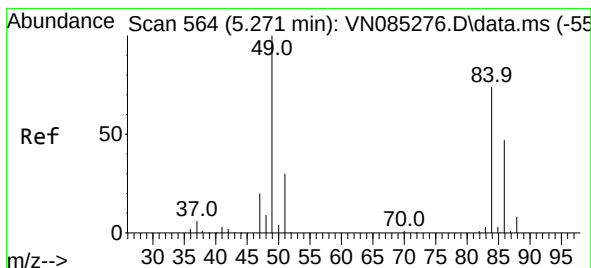
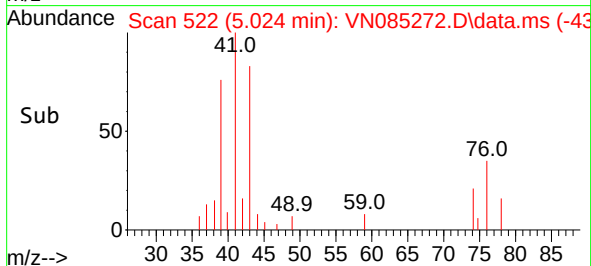
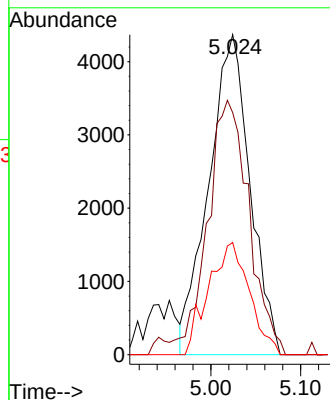
Tgt Ion: 41 Resp: 13971

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

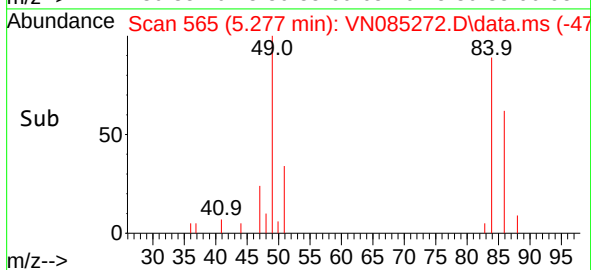
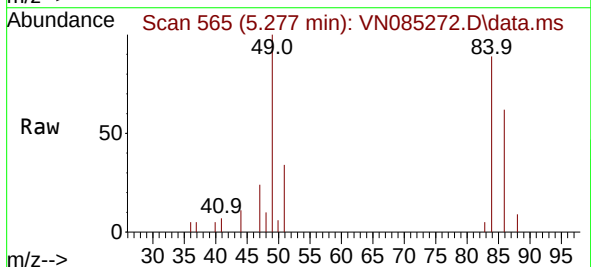
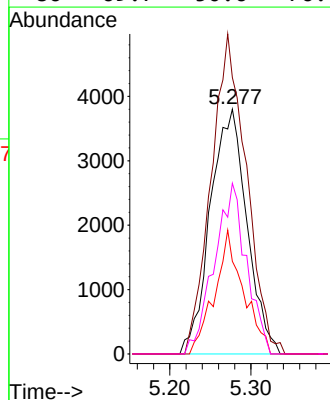
Ion Ratio Lower Upper

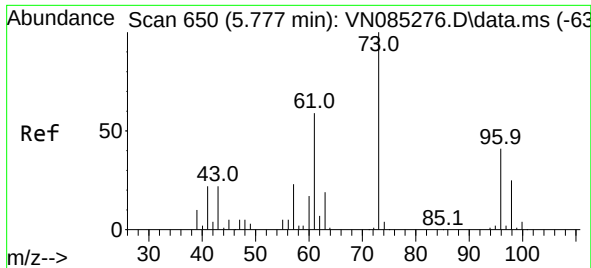
84 100

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# 61

Delta R.T. 0.006 min

Lab File: VN085272.D

Acq: 20 Dec 2024 10:05

Instrument :

MSVOA_N

ClientSampleId :

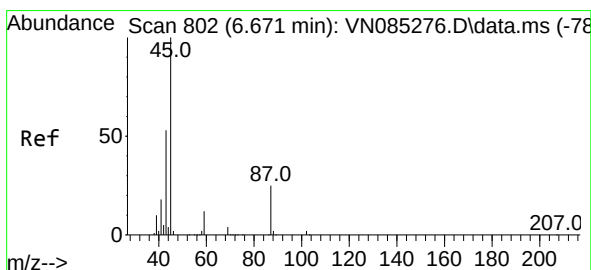
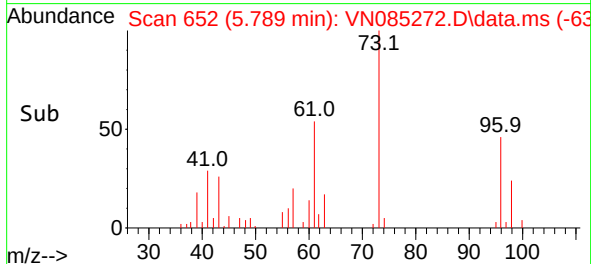
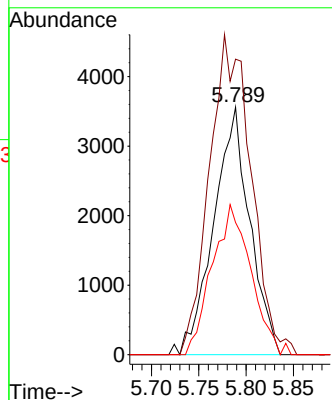
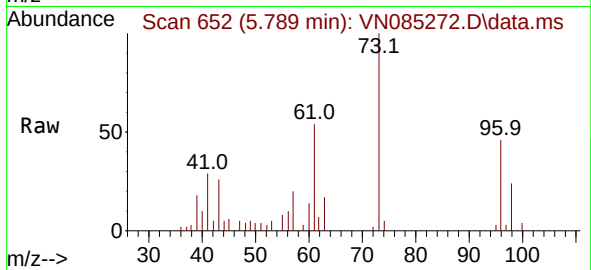
Tgt Ion: 96 Resp: 9407

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

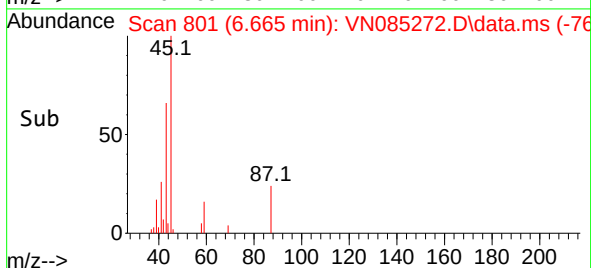
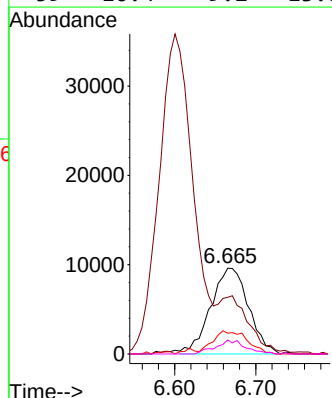
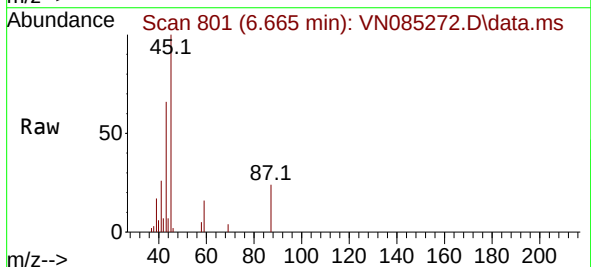
Ion Ratio Lower Upper

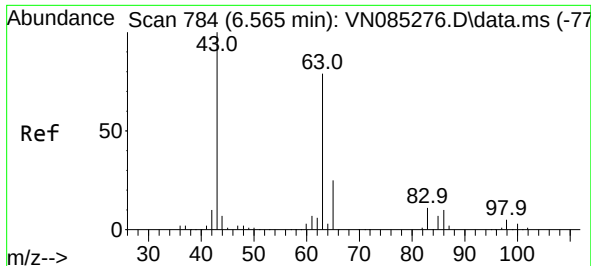
45 100

43 62.8 46.6 69.8

87 24.2 22.3 33.5

59 16.4 9.2 13.8#

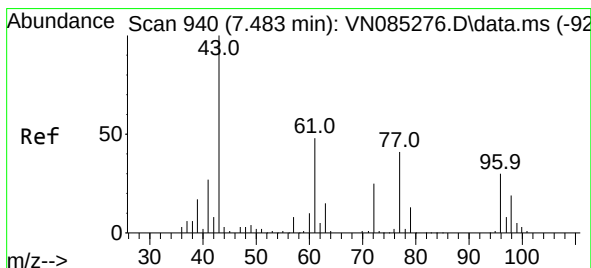
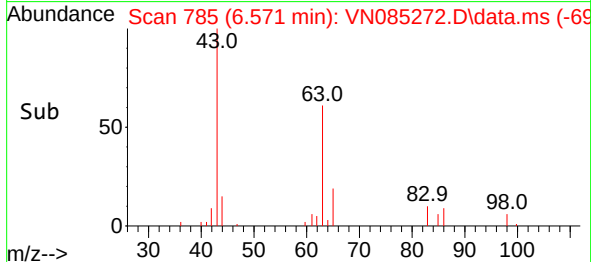
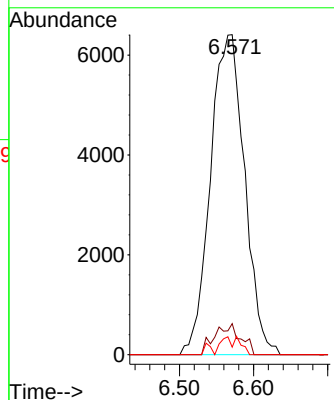
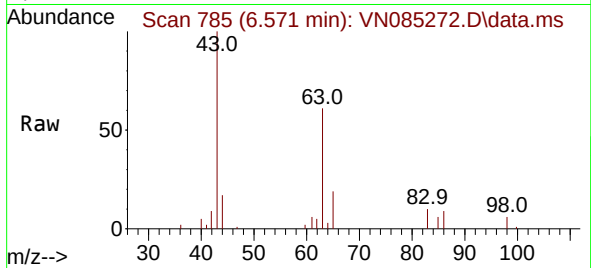




#21
 1,1-Dichloroethane
 Concen: 5.119 ug/l
 RT: 6.571 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN085272.D
 Acq: 20 Dec 2024 10:05

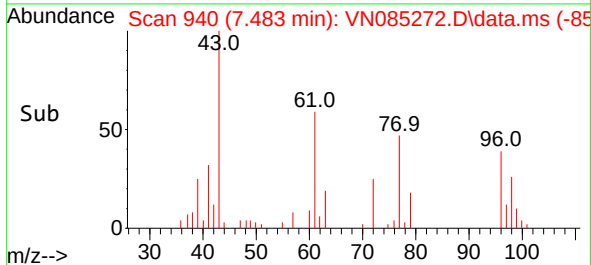
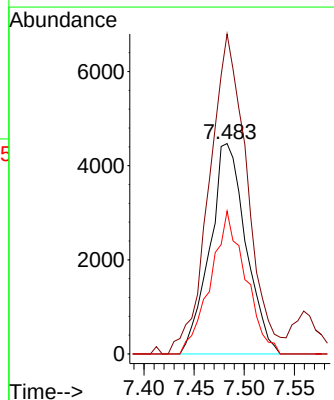
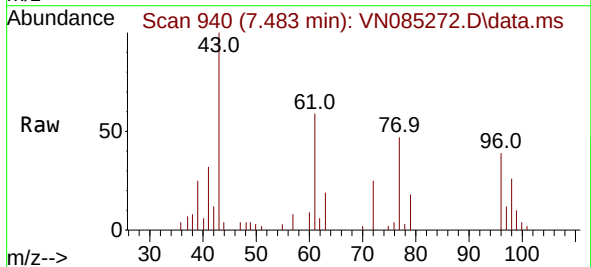
Instrument :
 MSVOA_N
 ClientSampleId :

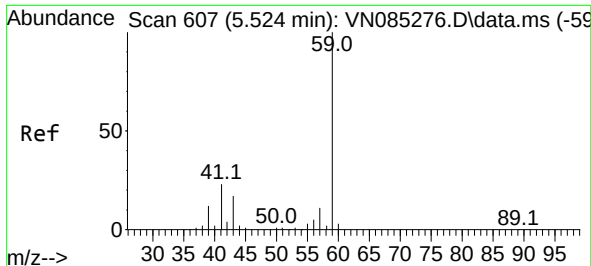
Tgt Ion: 63 Resp: 20511
 Ion Ratio Lower Upper
 63 100
 98 9.7 2.4 7.1#
 100 2.3 2.1 6.3



#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

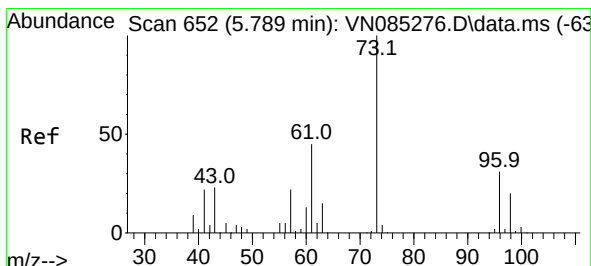
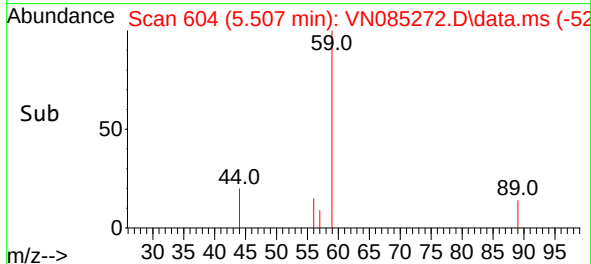
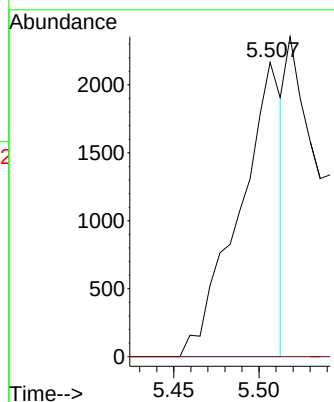
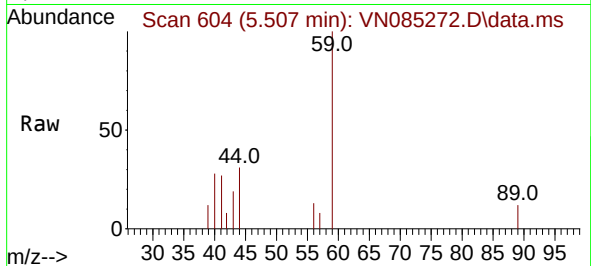




#23
tert-Butyl Alcohol
Concen: 10.702 ug/l
RT: 5.507 min Scan# 607
Delta R.T. -0.011 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

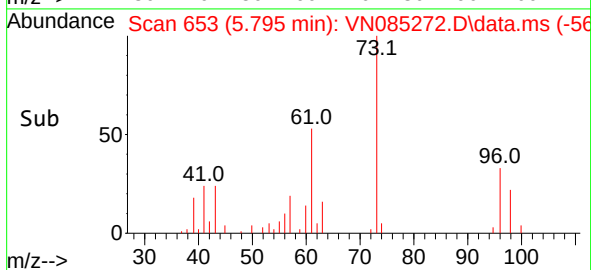
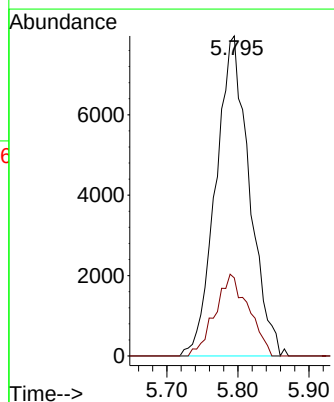
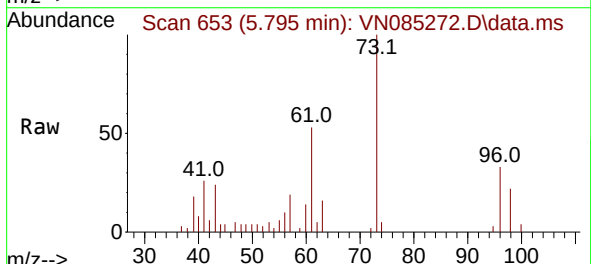
Instrument :
MSVOA_N
ClientSampleId :

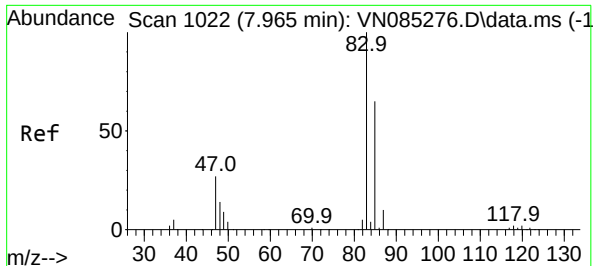
Tgt Ion: 59 Resp: 3766
Ion Ratio Lower Upper
59 100
52 523.5 0.0 0.0#



#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#

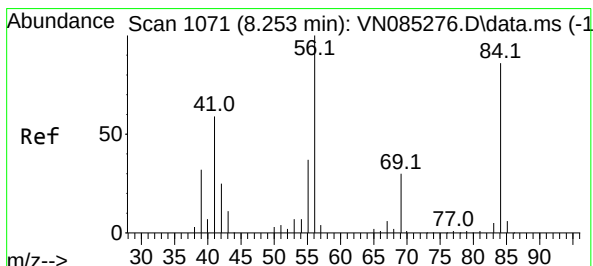
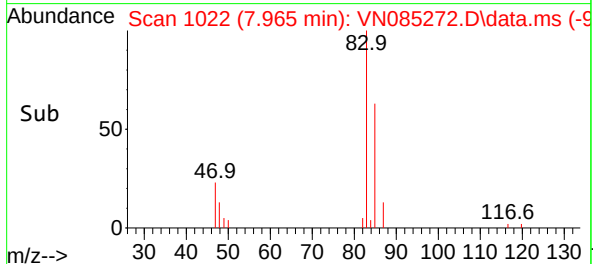
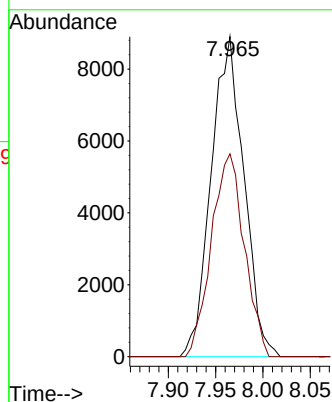
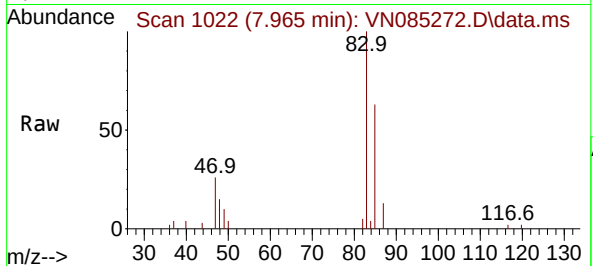




#25
Chloroform
Concen: 5.273 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

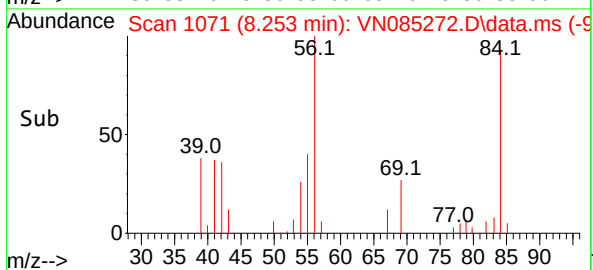
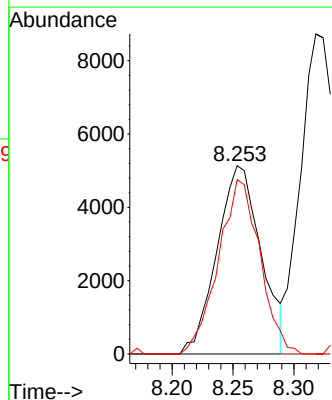
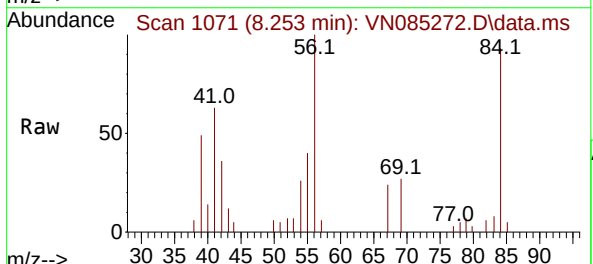
Instrument :
MSVOA_N
ClientSampleId :

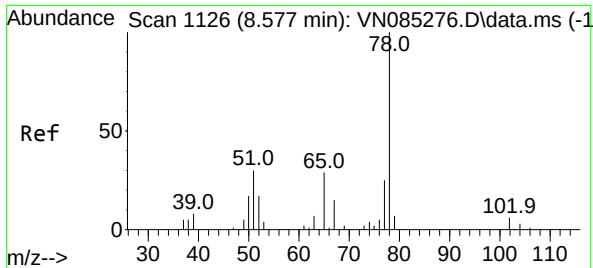
Tgt Ion: 83 Resp: 21418
Ion Ratio Lower Upper
83 100
85 63.4 52.0 78.0



#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

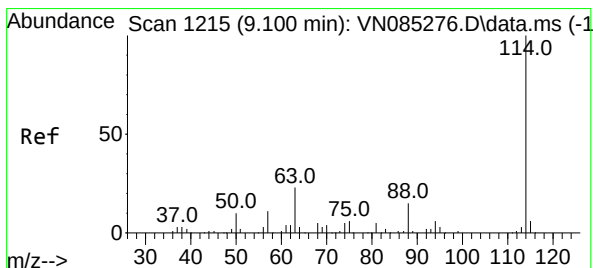
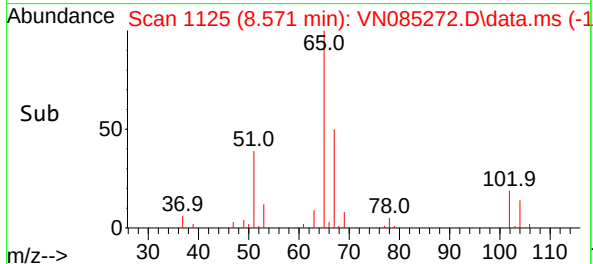
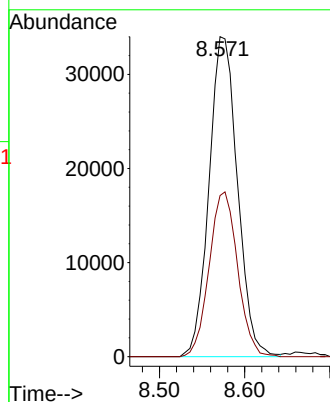
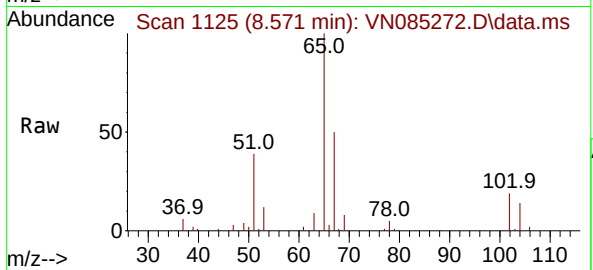




#27
 1,2-Dichloroethane-d4
 Concen: 29.968 ug/l
 RT: 8.571 min Scan# 1125
 Delta R.T. -0.005 min
 Lab File: VN085272.D
 Acq: 20 Dec 2024 10:05

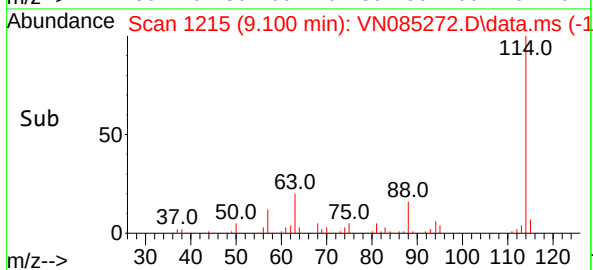
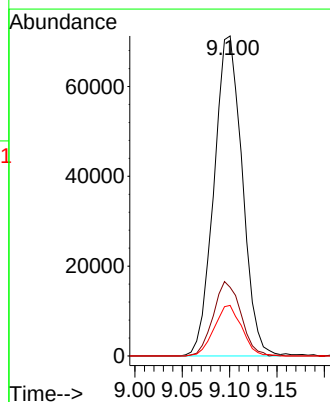
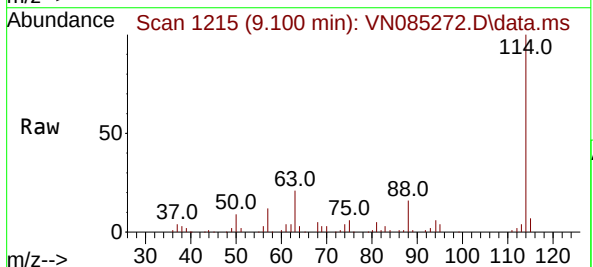
Instrument :
 MSVOA_N
 ClientSampleId :

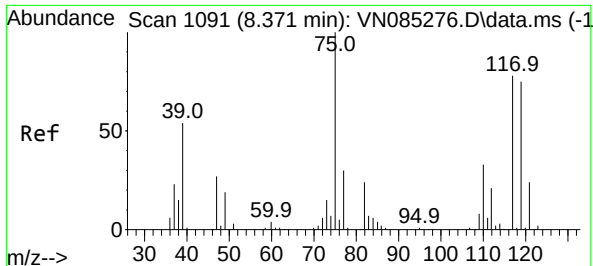
Tgt Ion: 65 Resp: 78890
 Ion Ratio Lower Upper
 65 100
 67 51.4 42.0 63.0



#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

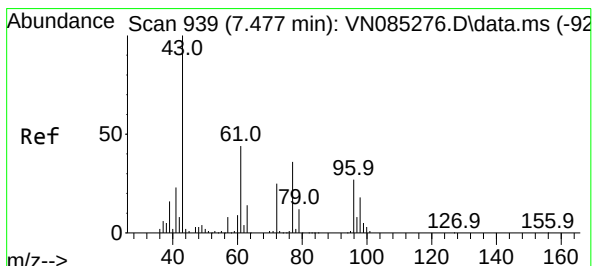
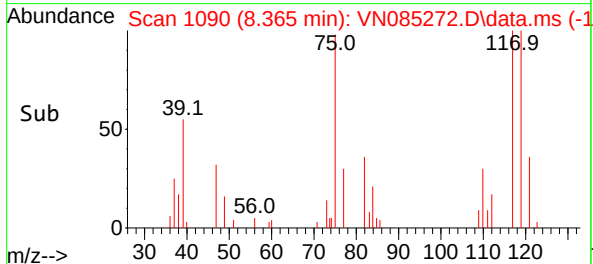
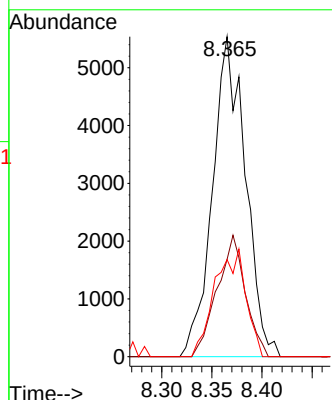
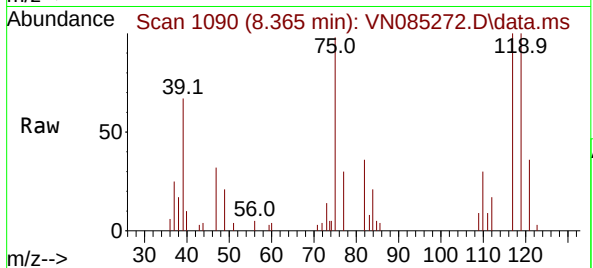




#29
1,1-Dichloropropene
Concen: 4.913 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.005 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

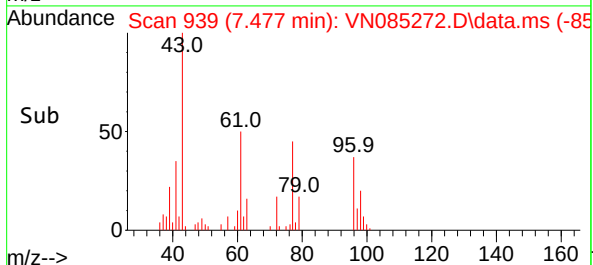
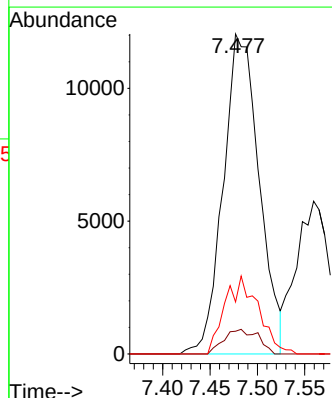
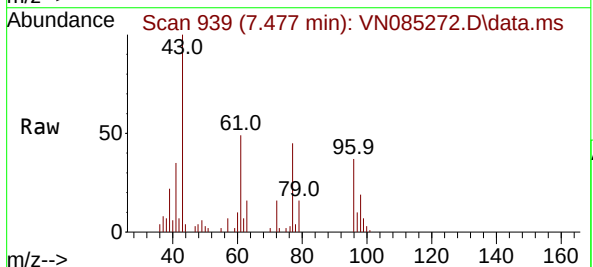
Instrument :
MSVOA_N
ClientSampleId :

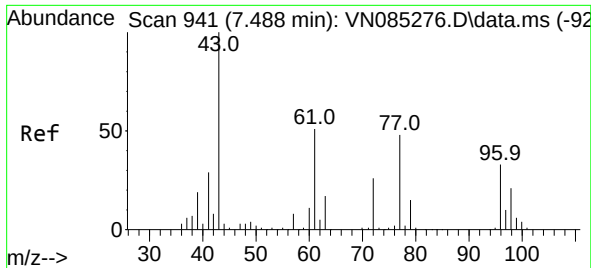
Tgt Ion: 75 Resp: 12620
Ion Ratio Lower Upper
75 100
110 0.0 0.0 64.8
77 20.7 0.0 60.8



#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#

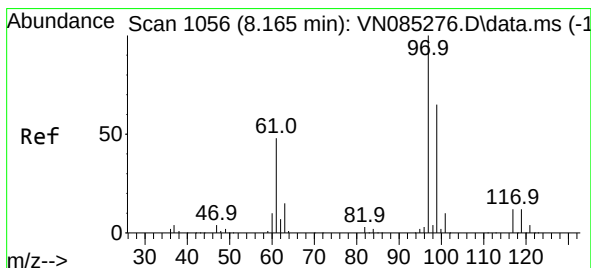
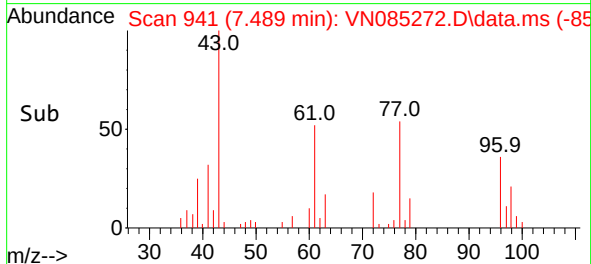
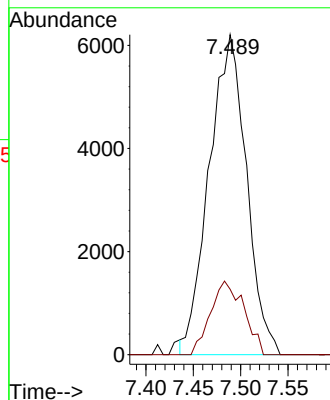
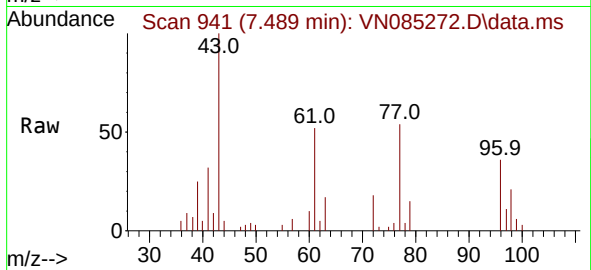




#31
2,2-Dichloropropane
Concen: 5.215 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

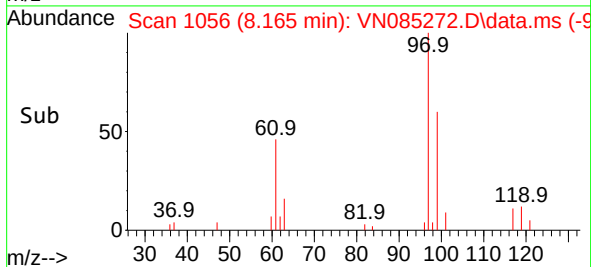
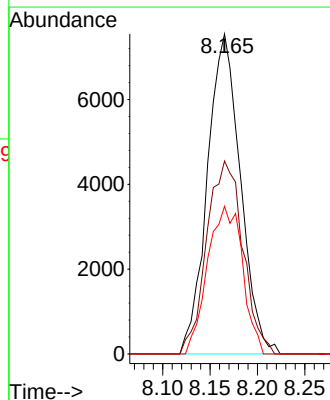
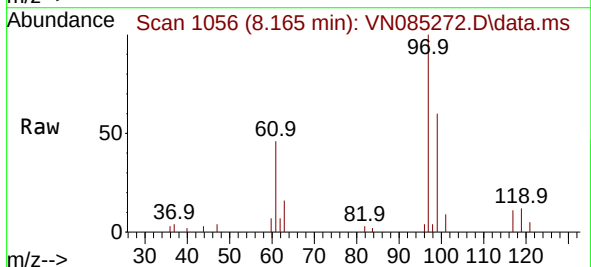
Instrument :
MSVOA_N
ClientSampleId :

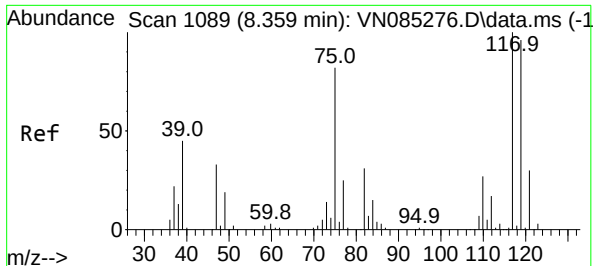
Tgt Ion: 77 Resp: 16976
Ion Ratio Lower Upper
77 100
97 20.6 16.9 25.3



#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

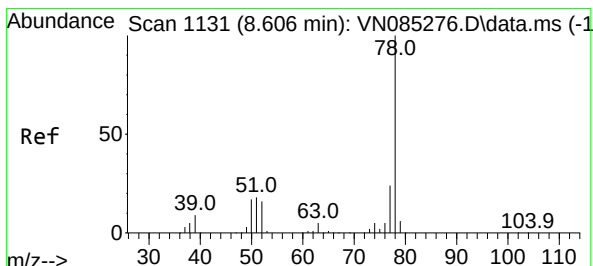
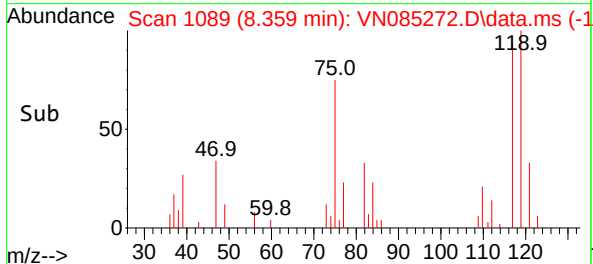
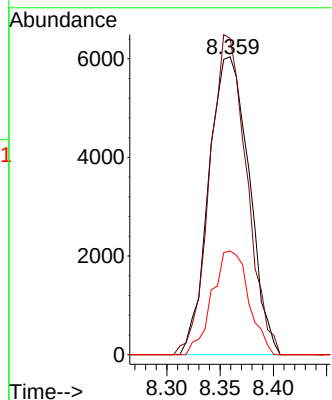
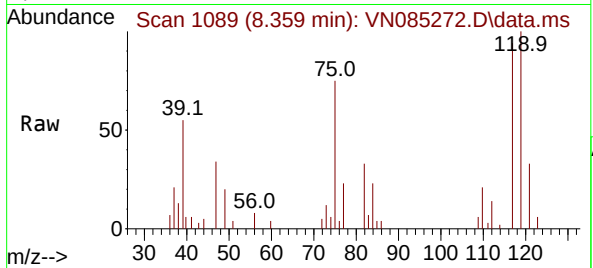




#33
Carbon Tetrachloride
Concen: 5.424 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

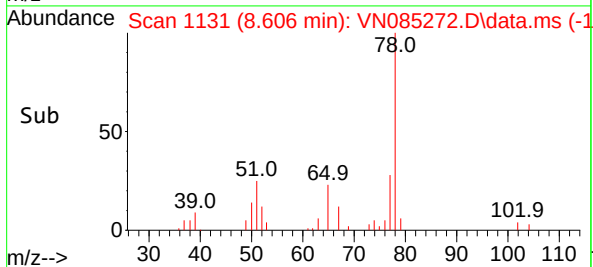
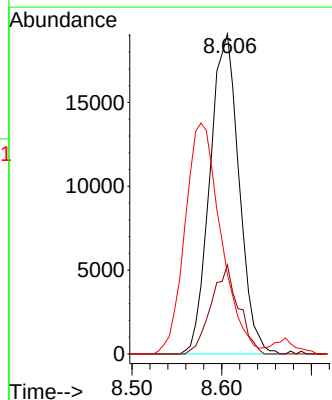
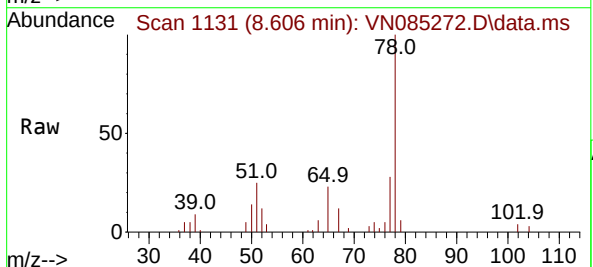
Instrument :
MSVOA_N
ClientSampleId :

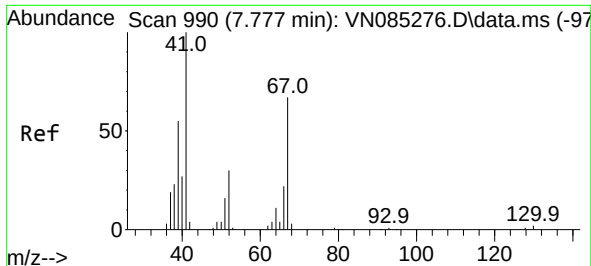
Tgt Ion:117 Resp: 15855
Ion Ratio Lower Upper
117 100
119 106.1 71.6 107.4
121 34.9 23.5 35.3



#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

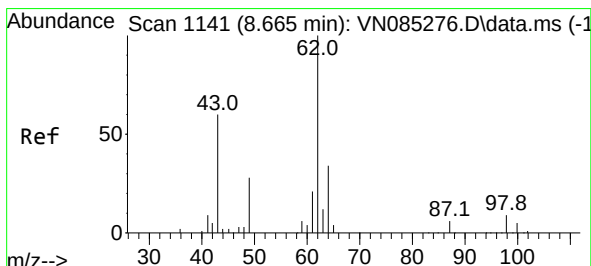
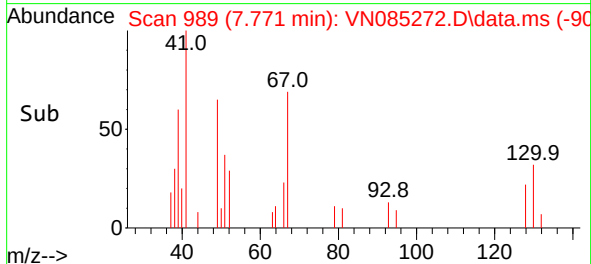
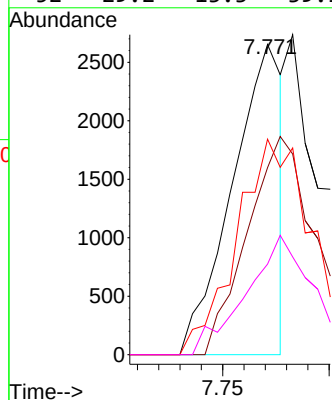
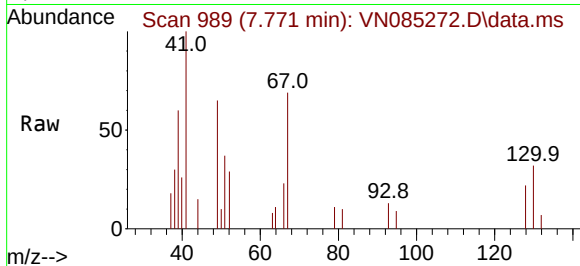




#35
Methacrylonitrile
Concen: 2.887 ug/l
RT: 7.771 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

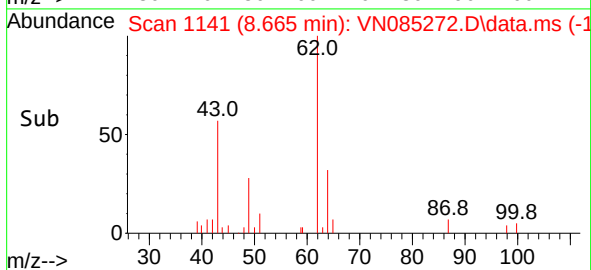
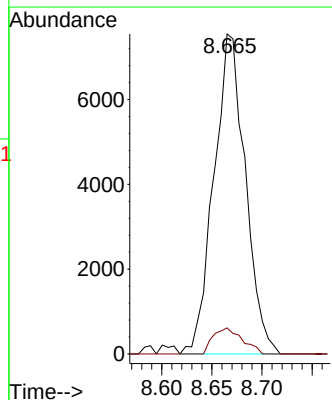
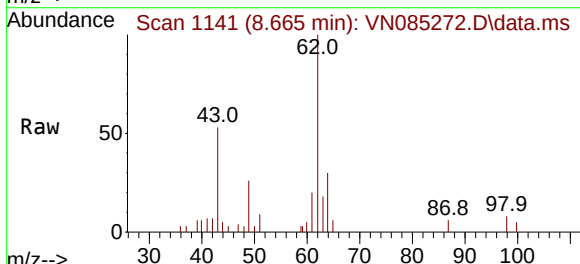
Instrument :
MSVOA_N
ClientSampleId :

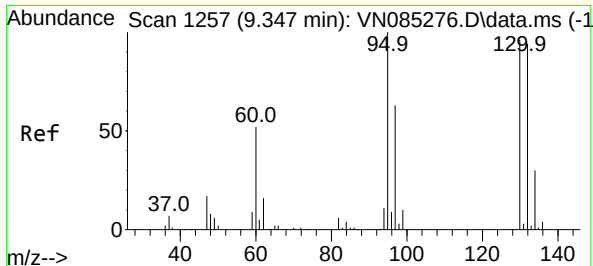
Tgt Ion:	41	Resp:	4334
Ion	Ratio	Lower	Upper
41	100		
39	60.3	26.7	80.0
67	69.5	32.5	97.5
52	29.2	13.3	39.9



#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

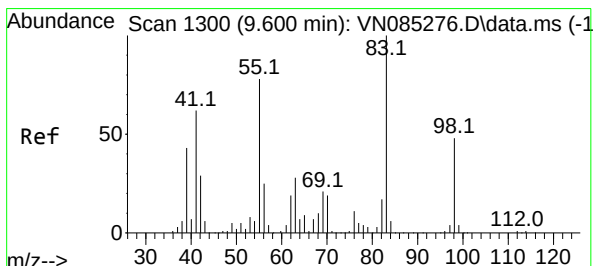
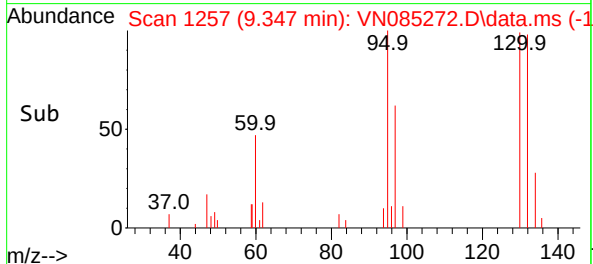
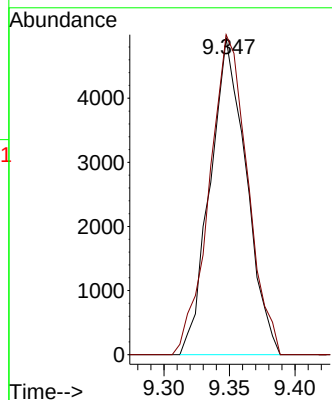
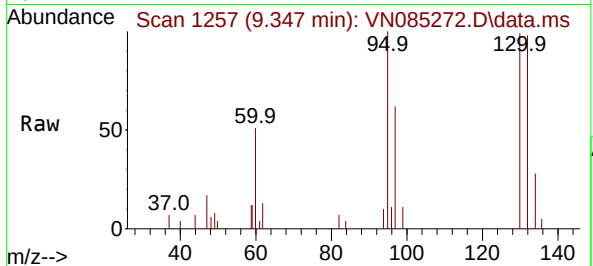




#37
Trichloroethene
Concen: 5.289 ug/l
RT: 9.347 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

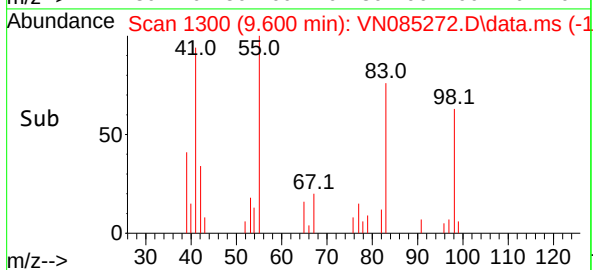
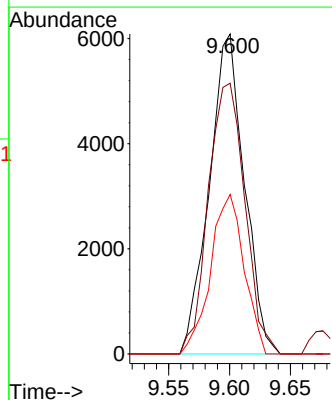
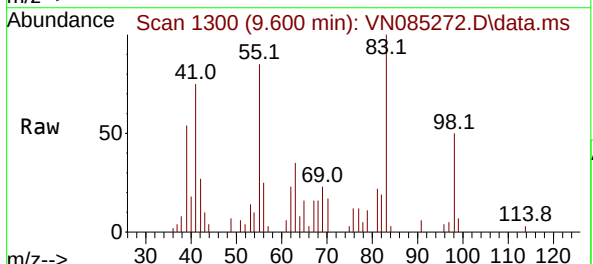
Instrument :
MSVOA_N
ClientSampleId :

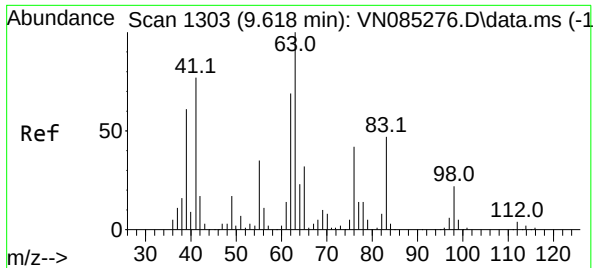
Tgt Ion:130 Resp: 9449
Ion Ratio Lower Upper
130 100
95 101.2 80.0 120.0



#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

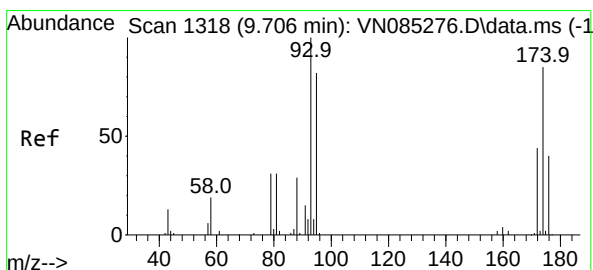
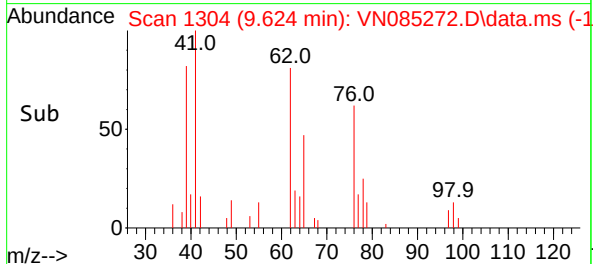
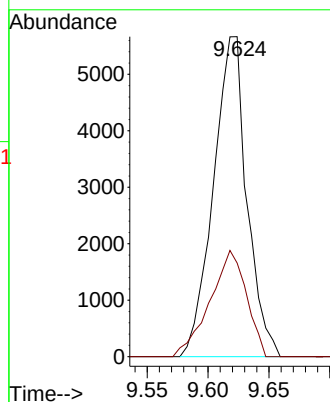
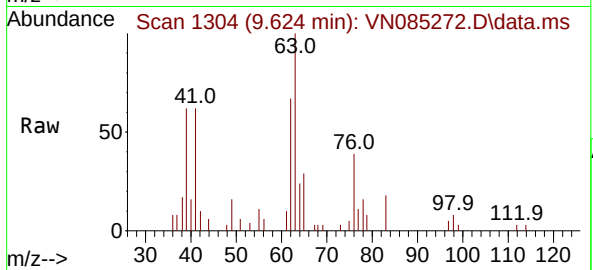
ClientSampleId :

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

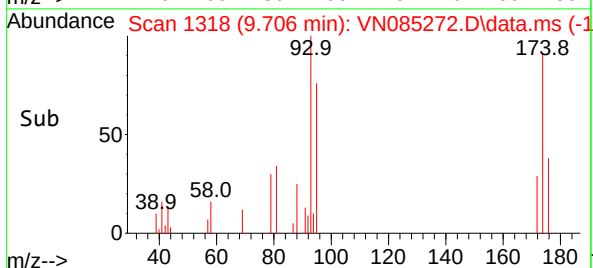
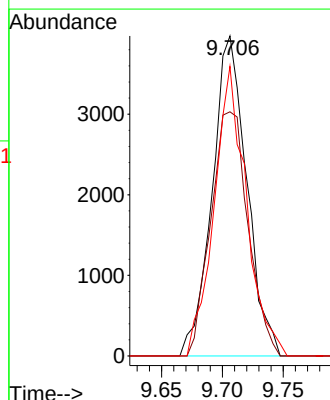
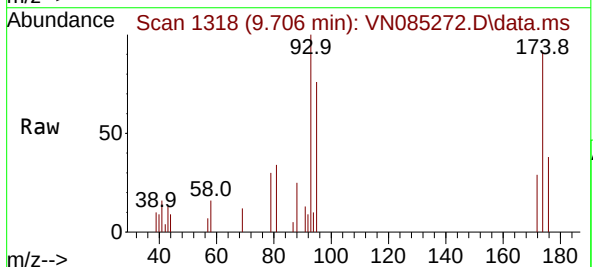
Tgt Ion: 93 Resp: 7832

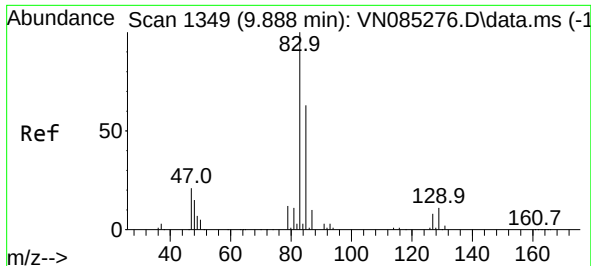
Ion Ratio Lower Upper

93 100

95 82.4 0.0 167.6

174 84.3 0.0 171.0

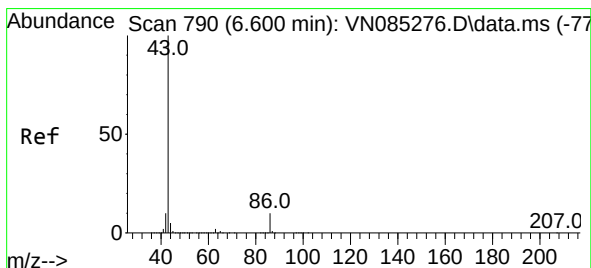
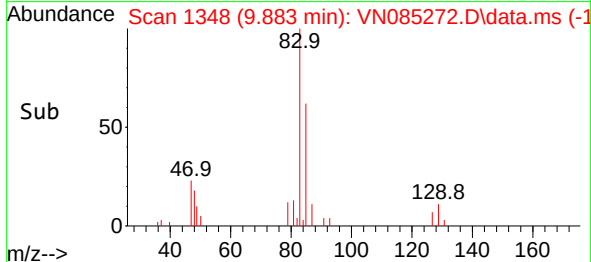
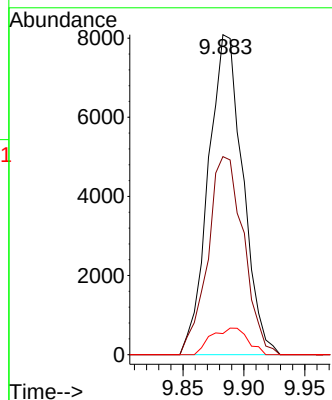
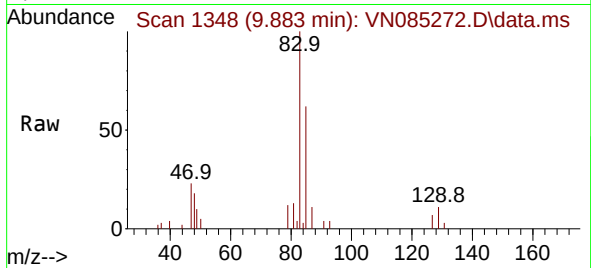




#41
Bromodichloromethane
Concen: 5.283 ug/l
RT: 9.883 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

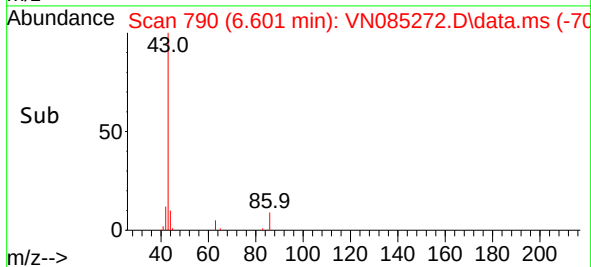
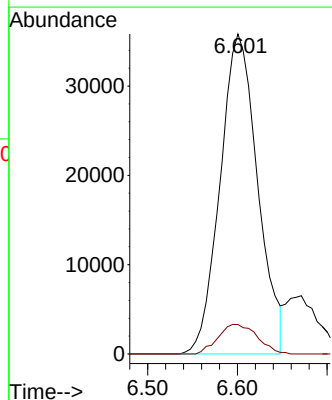
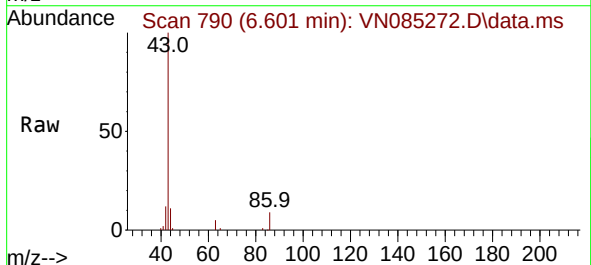
Instrument :
MSVOA_N
ClientSampleId :

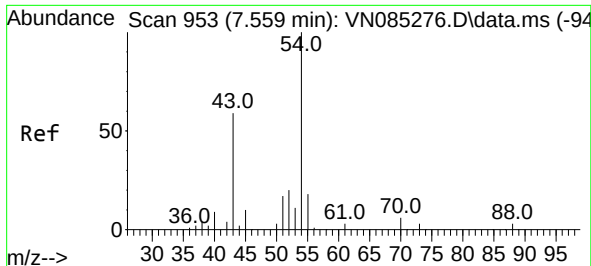
Tgt Ion:	83	Resp:	15902
Ion	Ratio	Lower	Upper
83	100		
85	61.9	50.1	75.1
127	6.6	5.8	8.6



#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# 91

Delta R.T. 0.006 min

Lab File: VN085272.D

Acq: 20 Dec 2024 10:05

Instrument :

MSVOA_N

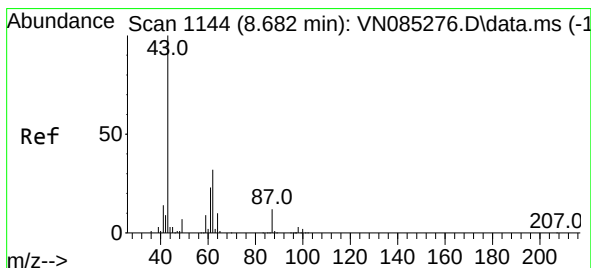
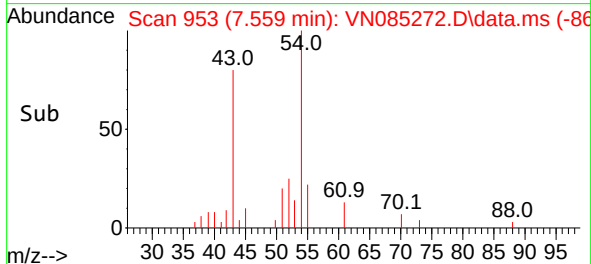
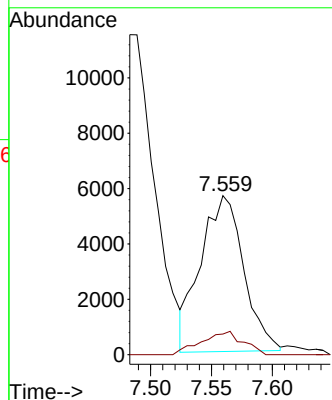
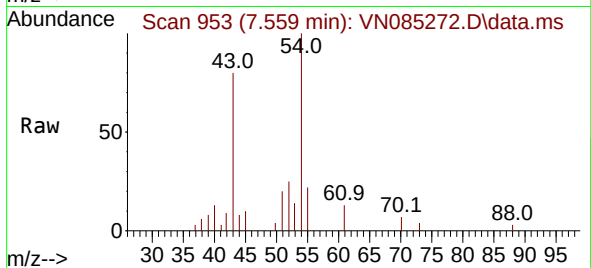
ClientSampleId :

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

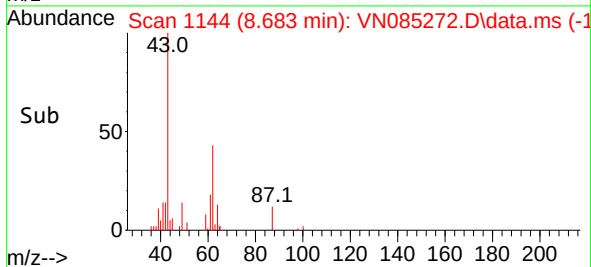
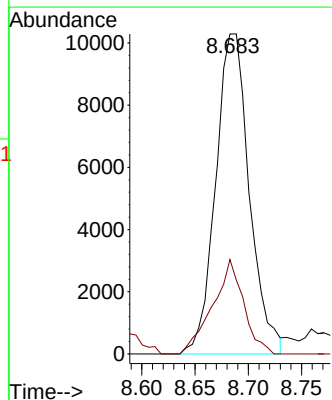
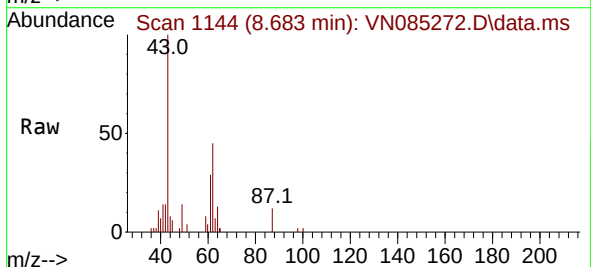
Acq: 20 Dec 2024 10:05

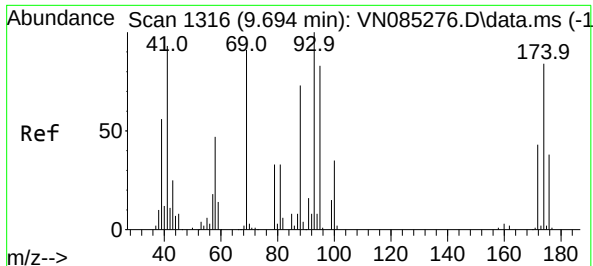
Tgt Ion: 43 Resp: 22675

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# 11

Delta R.T. 0.012 min

Lab File: VN085272.D

Acq: 20 Dec 2024 10:05

Instrument :

MSVOA_N

ClientSampleId :

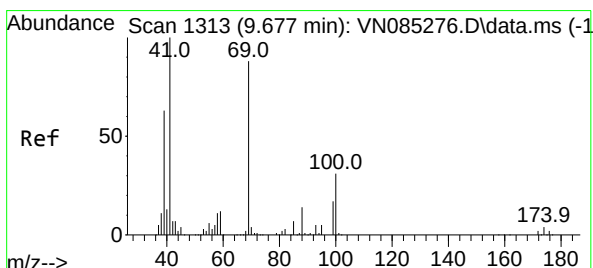
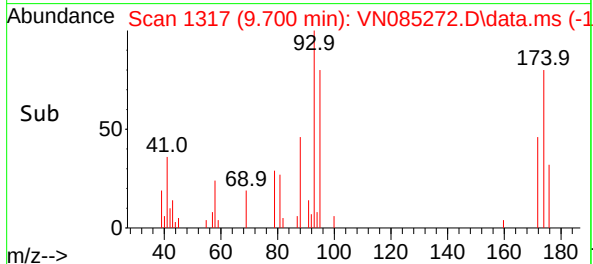
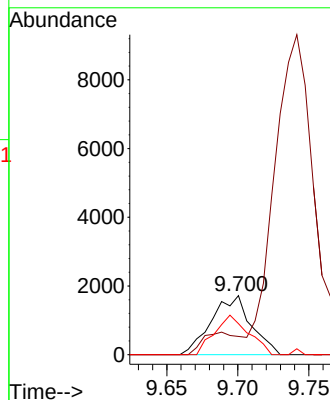
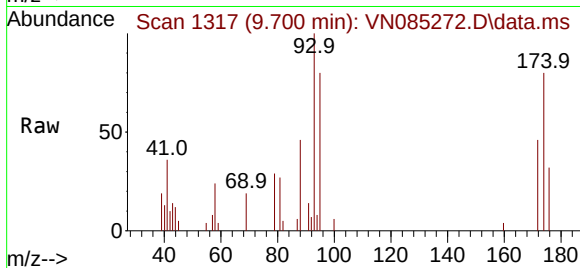
Tgt Ion: 88 Resp: 3355

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

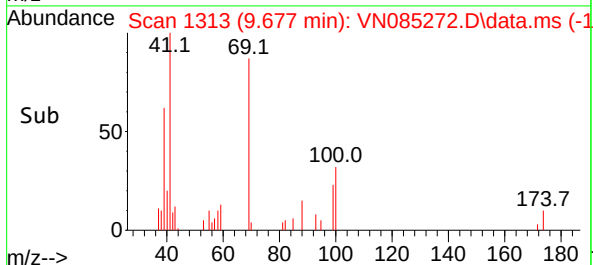
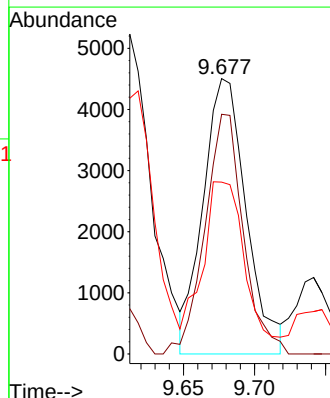
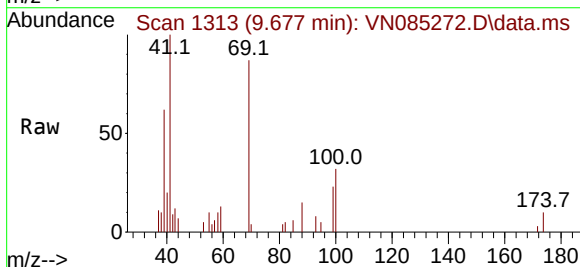
Tgt Ion: 41 Resp: 9500

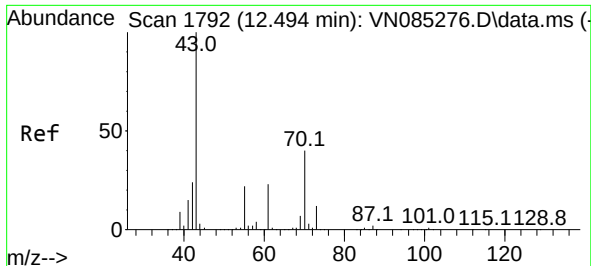
Ion Ratio Lower Upper

41 100

69 93.6 39.9 119.6

39 63.1 31.6 95.0

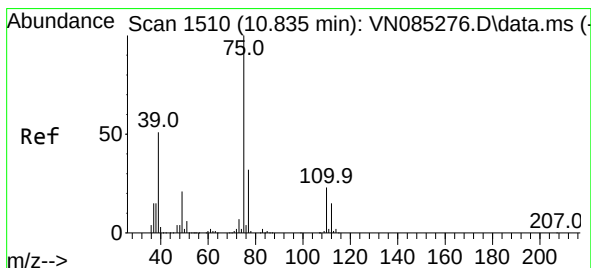
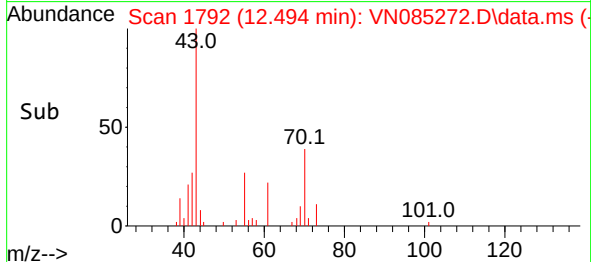
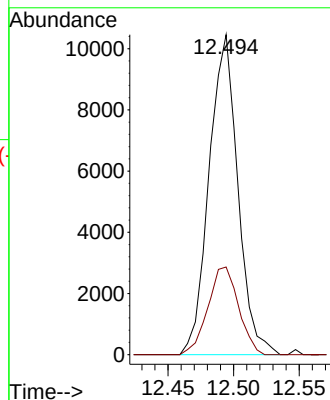
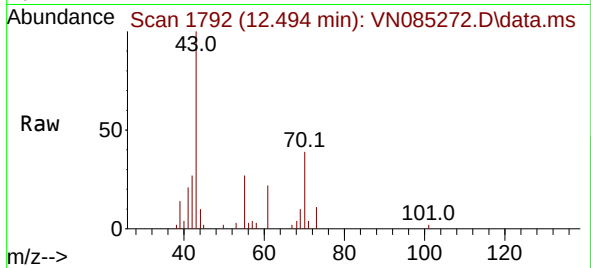




#47
n-amyl acetate
Concen: 4.021 ug/l
RT: 12.494 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

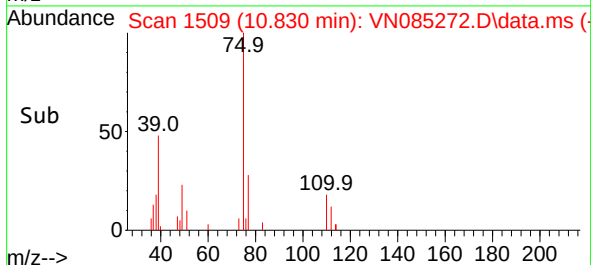
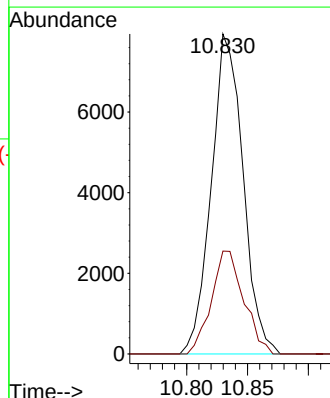
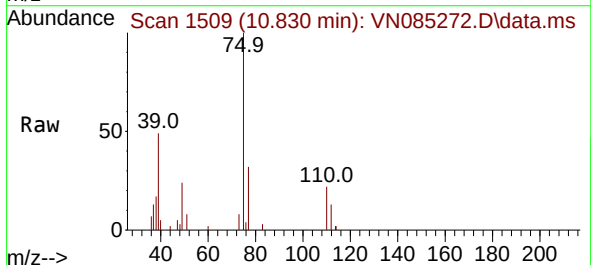
Instrument :
MSVOA_N
ClientSampleId :

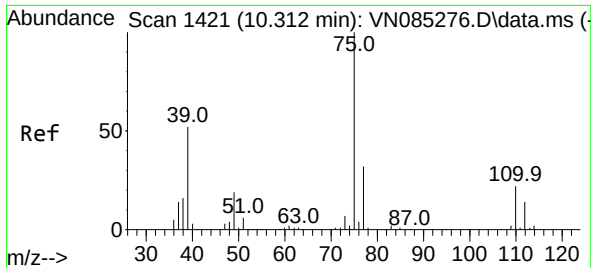
Tgt Ion: 43 Resp: 15955
Ion Ratio Lower Upper
43 100
55 29.2 21.3 31.9



#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

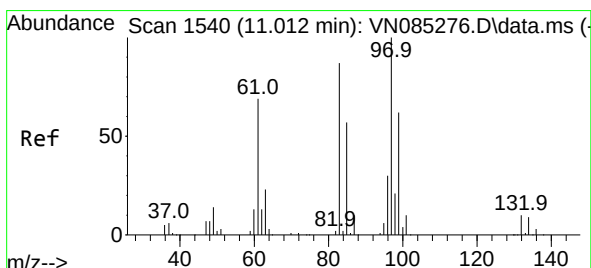
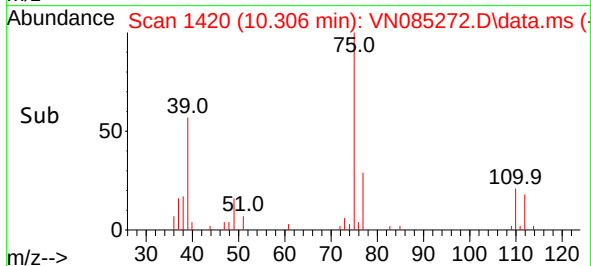
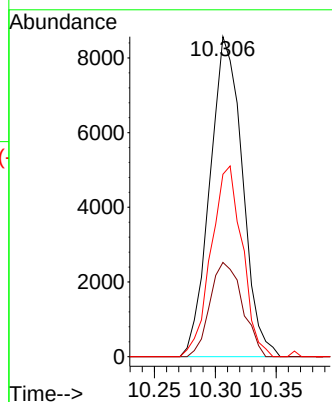
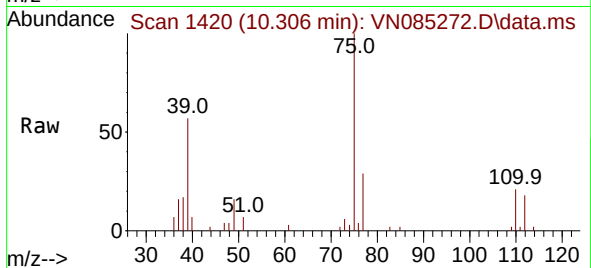




#49
 cis-1,3-Dichloropropene
 Concen: 4.989 ug/l
 RT: 10.306 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN085272.D
 Acq: 20 Dec 2024 10:05

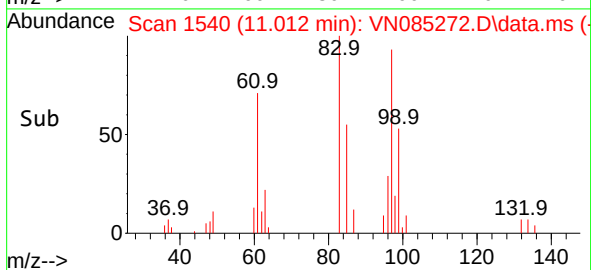
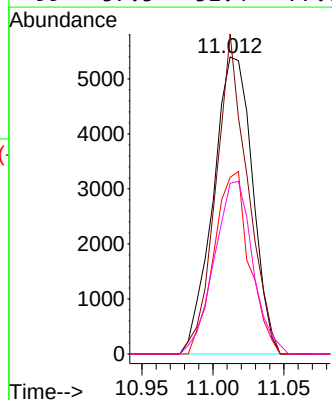
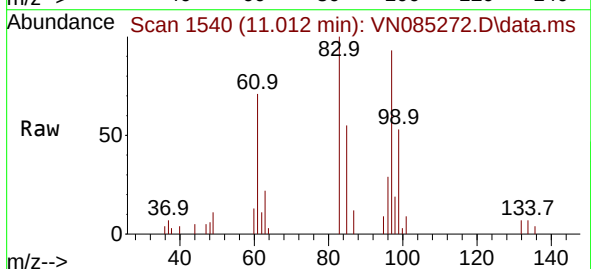
Instrument :
 MSVOA_N
 ClientSampleId :

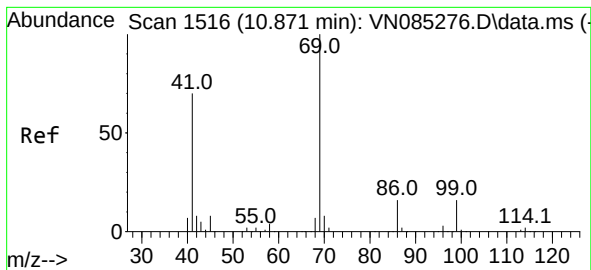
Tgt Ion: 75	Resp: 15948
Ion Ratio	Lower Upper
75 100	
77 29.4	26.6 40.0
39 57.0	41.9 62.9



#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

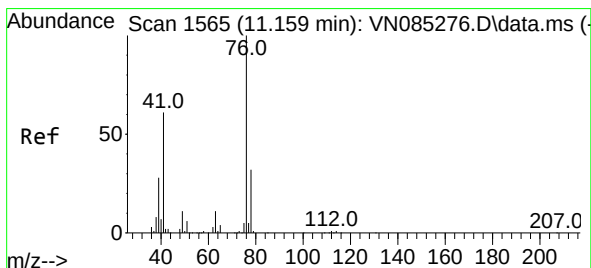
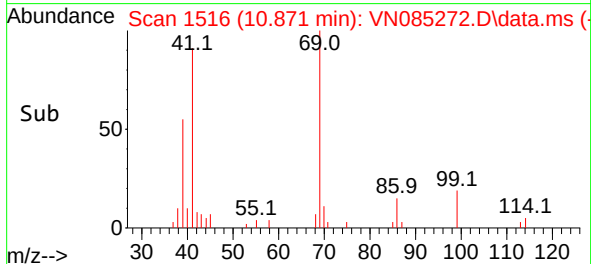
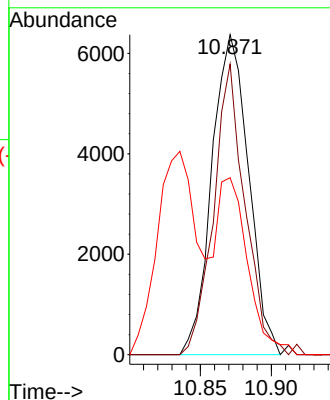
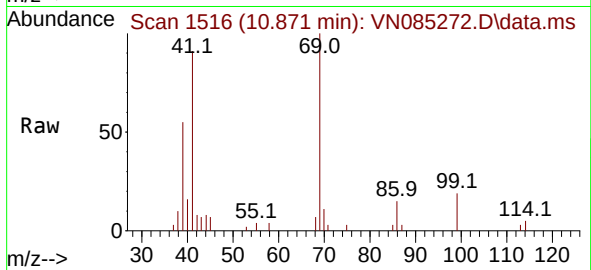




#51
Ethyl methacrylate
Concen: 4.019 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

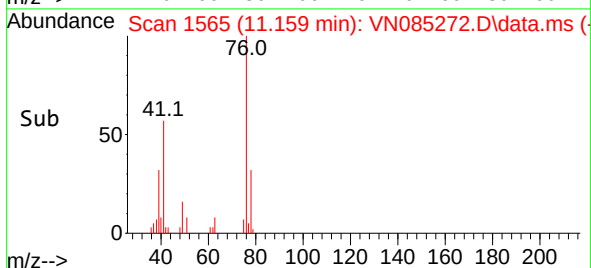
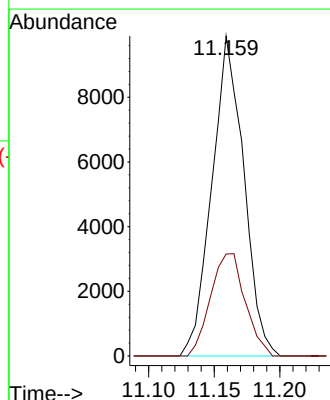
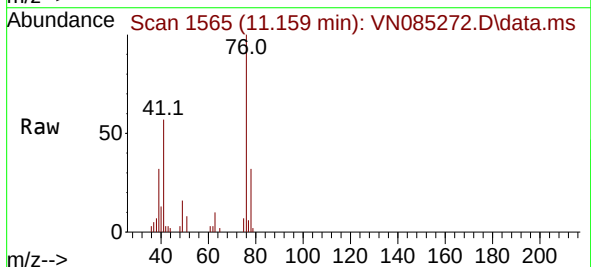
Instrument :
MSVOA_N
ClientSampleId :

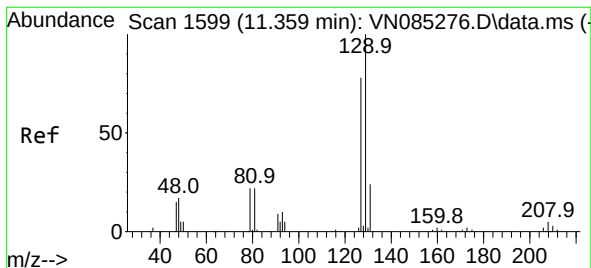
Tgt Ion: 69 Resp: 11450
Ion Ratio Lower Upper
69 100
41 90.8 38.1 114.5
39 52.2 24.1 72.2



#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

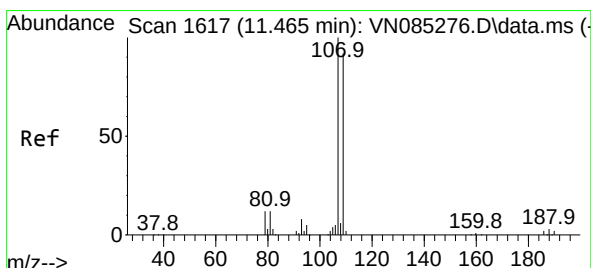
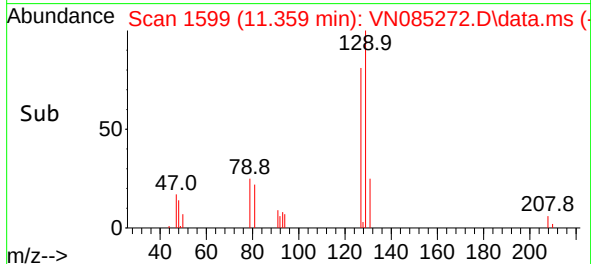
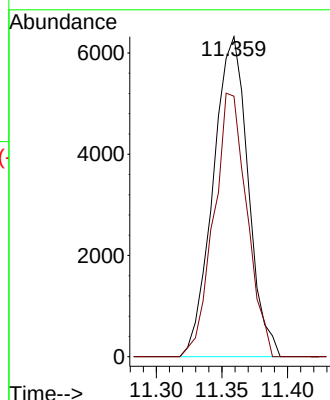
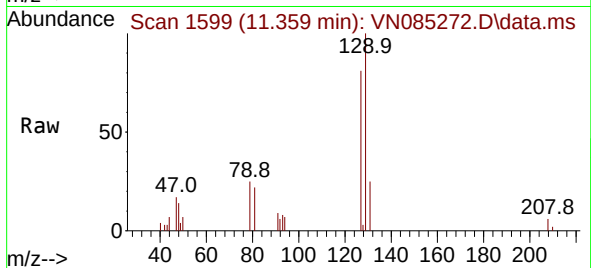
ClientSampleId :

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

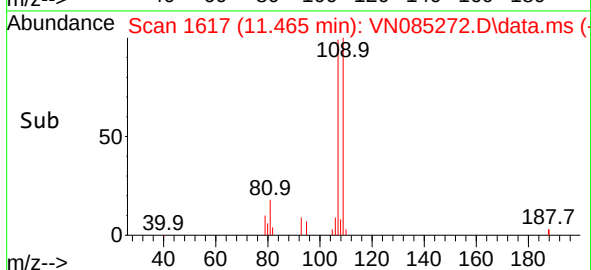
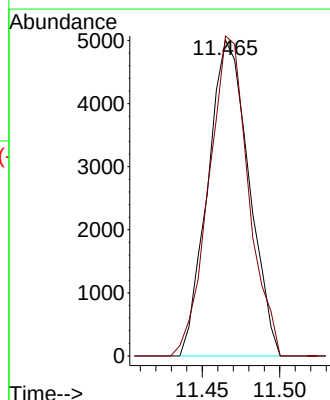
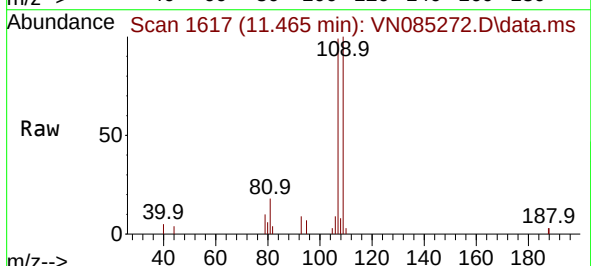
Acq: 20 Dec 2024 10:05

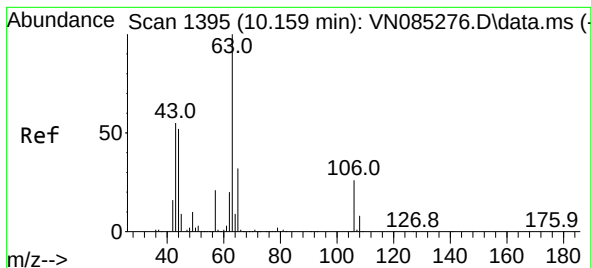
Tgt Ion:107 Resp: 9241

Ion Ratio Lower Upper

107 100

109 97.3 76.2 114.4

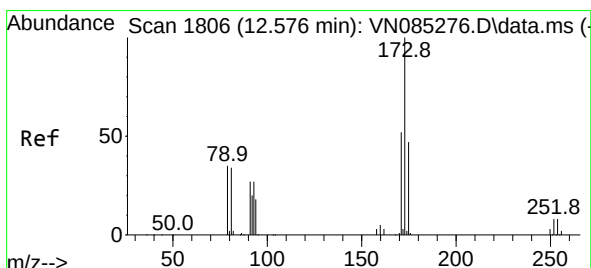
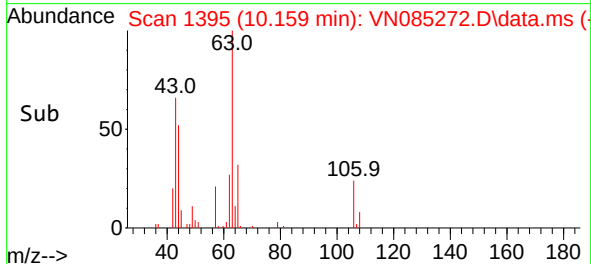
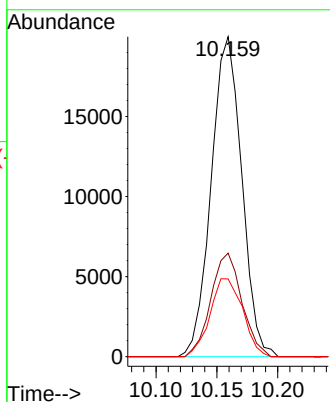
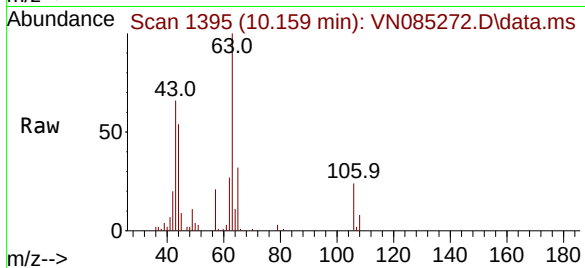




#55
2-Chloroethyl vinyl ether
Concen: 23.763 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

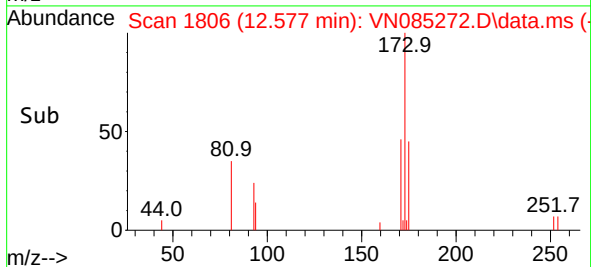
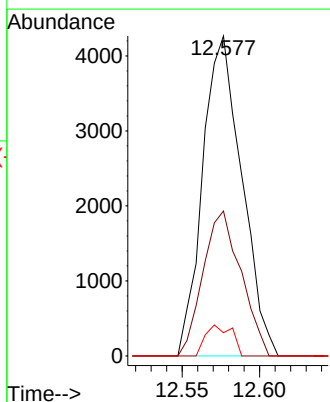
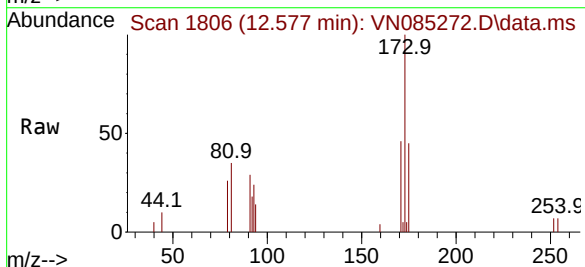
Instrument :
MSVOA_N
ClientSampleId :

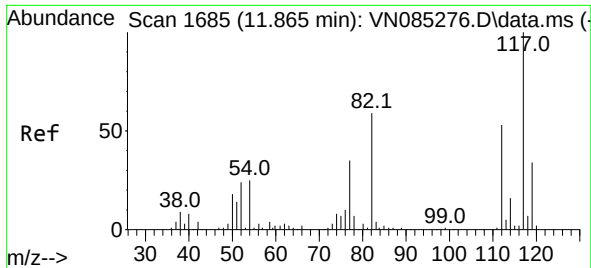
Tgt Ion: 63 Resp: 34874
Ion Ratio Lower Upper
63 100
65 33.0 25.9 38.9
106 26.1 21.2 31.8



#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#

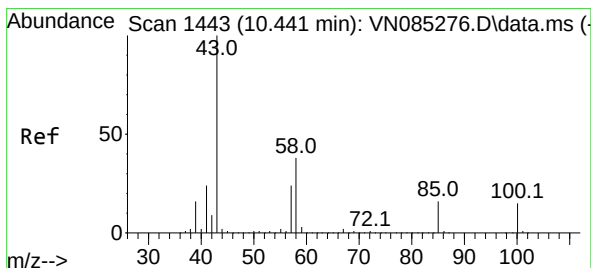
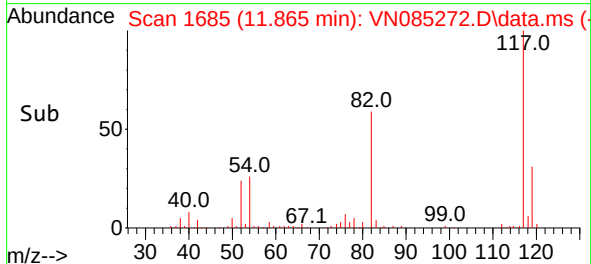
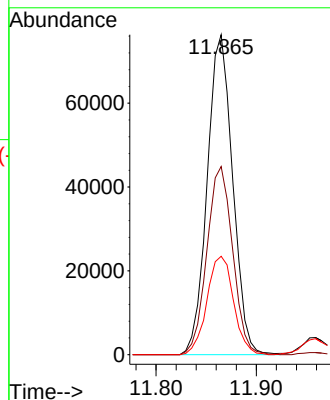
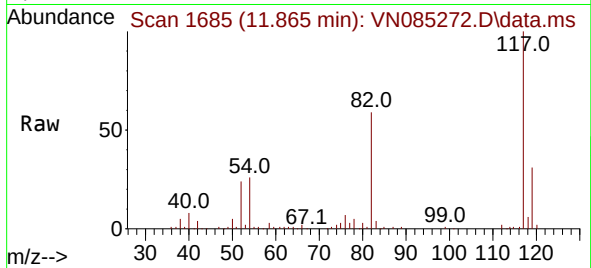




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

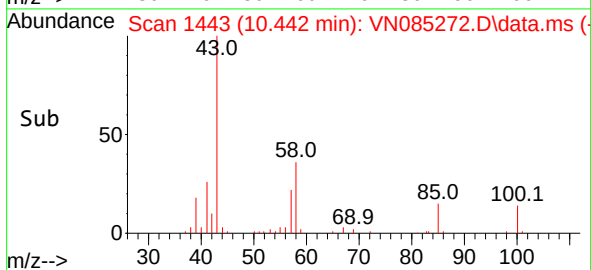
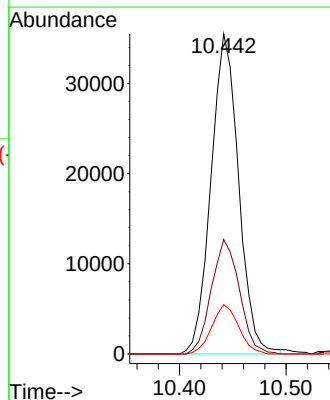
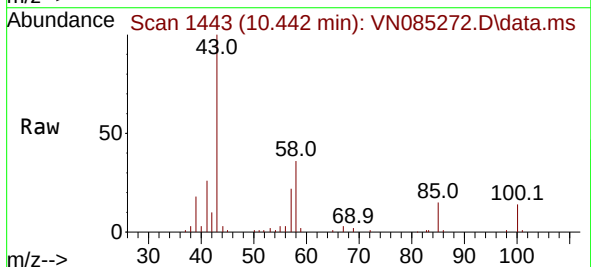
Instrument :
MSVOA_N
ClientSampleId :

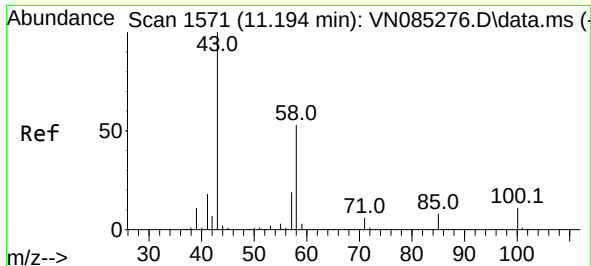
Tgt Ion:117 Resp: 134950
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.0
119 32.1 25.3 37.9



#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

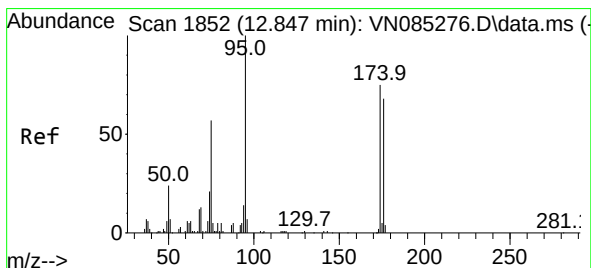
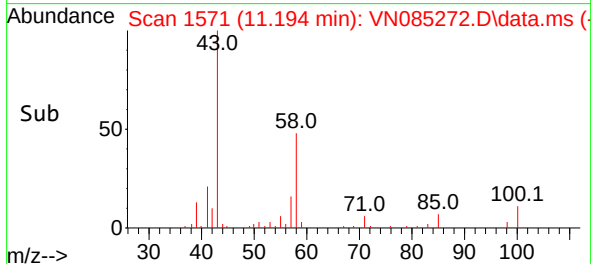
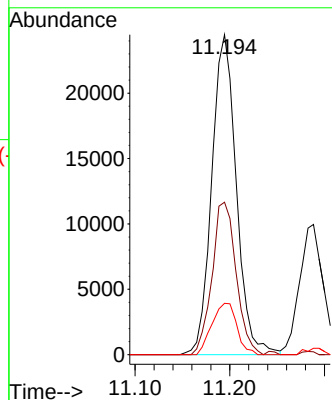
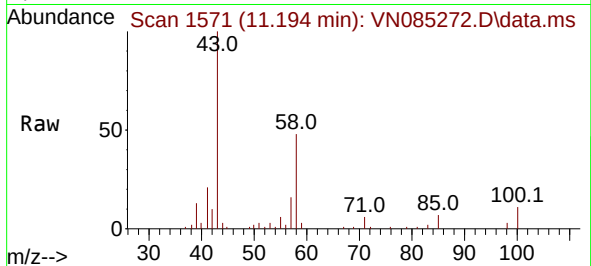




#59
2-Hexanone
Concen: 22.206 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

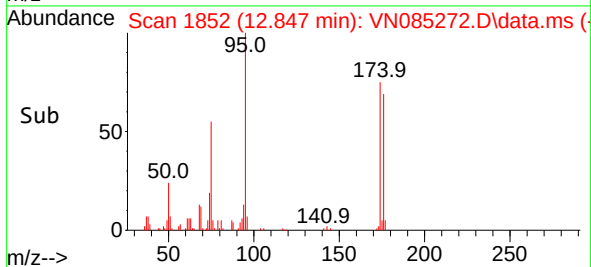
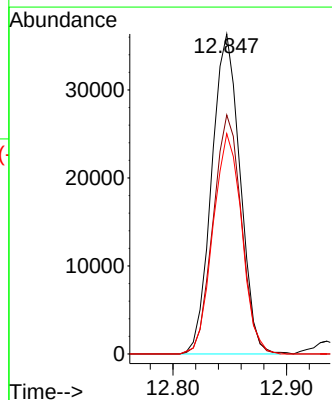
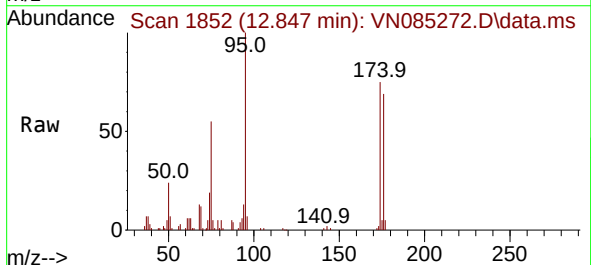
Instrument :
MSVOA_N
ClientSampleId :

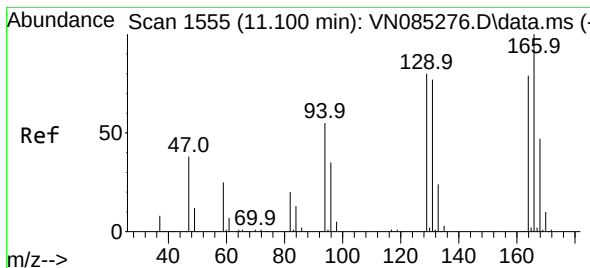
Tgt Ion: 43 Resp: 44133
Ion Ratio Lower Upper
43 100
58 46.7 40.2 60.4
57 16.3 14.2 21.4



#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# 1

Delta R.T. 0.006 min

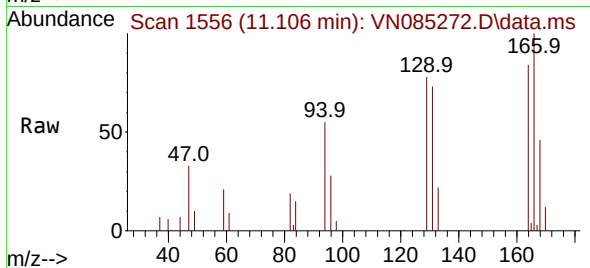
Lab File: VN085272.D

Acq: 20 Dec 2024 10:05

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:164 Resp: 8697

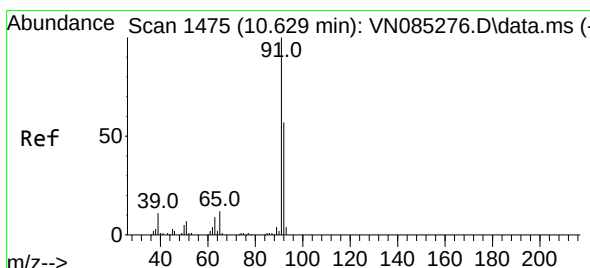
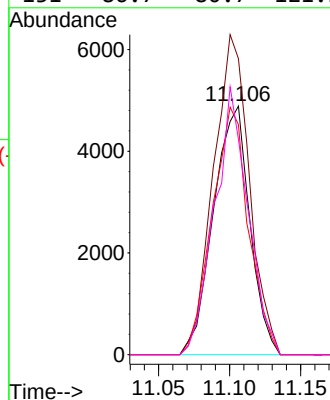
Ion Ratio Lower Upper

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

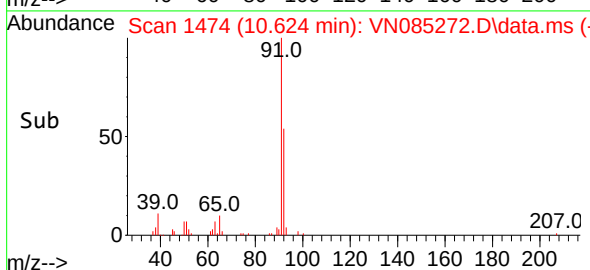
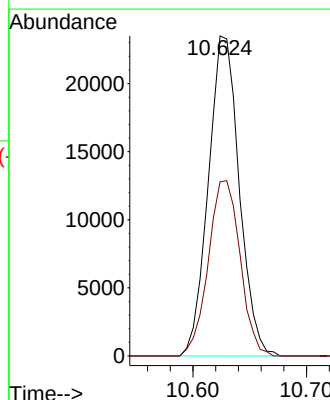
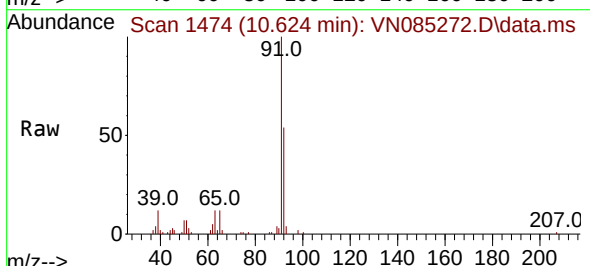
Acq: 20 Dec 2024 10:05

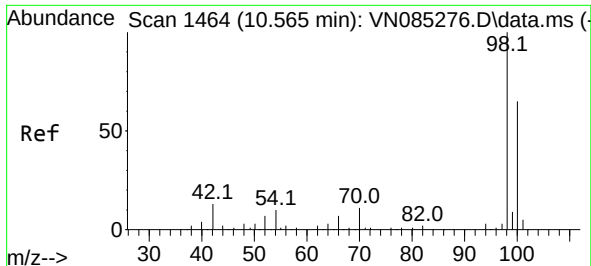
Tgt Ion: 91 Resp: 44448

Ion Ratio Lower Upper

91 100

92 56.3 45.9 68.9

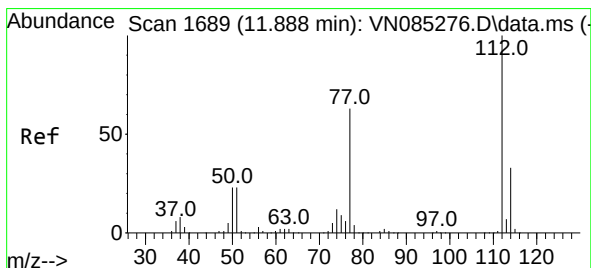
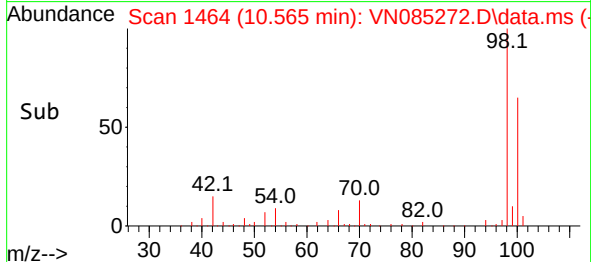
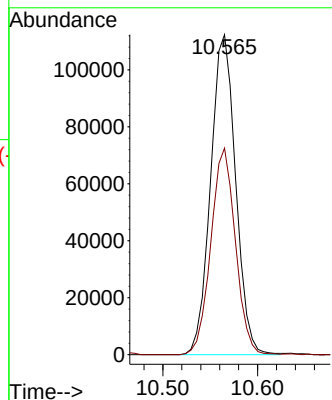
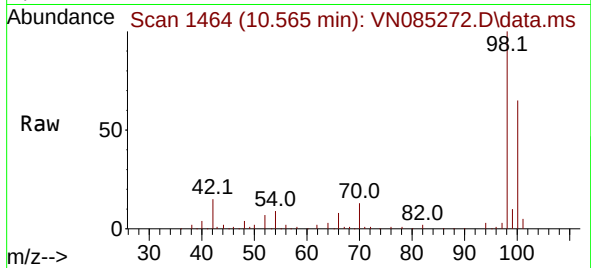




#63
Toluene-d8
Concen: 31.299 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

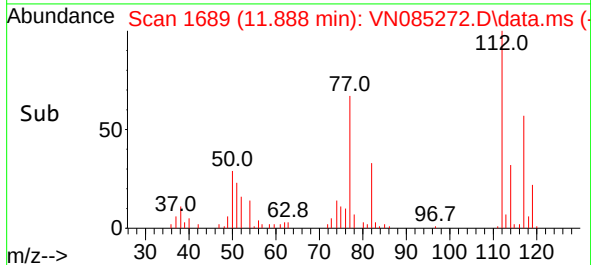
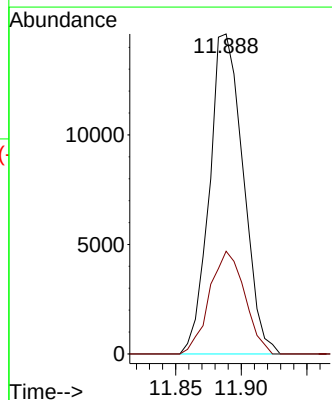
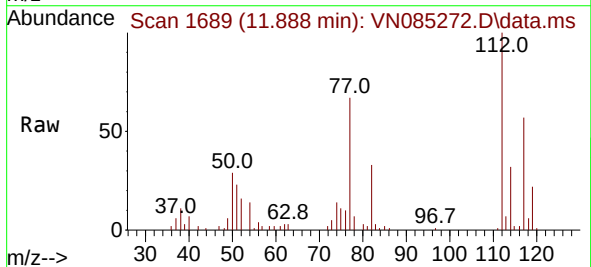
Instrument :
MSVOA_N
ClientSampleId :

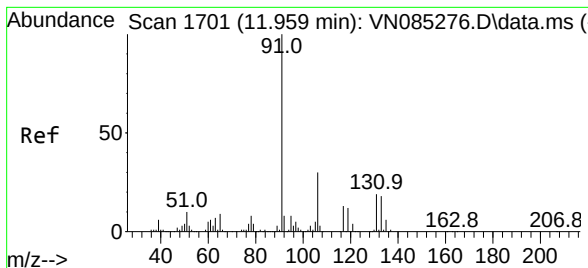
Tgt Ion: 98 Resp: 206247
Ion Ratio Lower Upper
98 100
100 63.3 50.8 76.2



#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

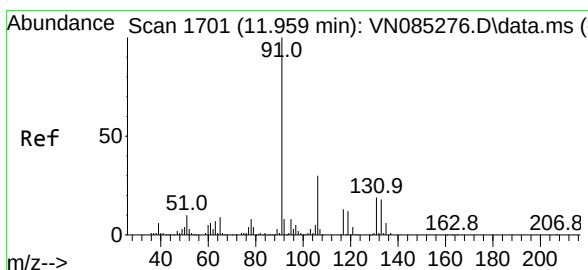
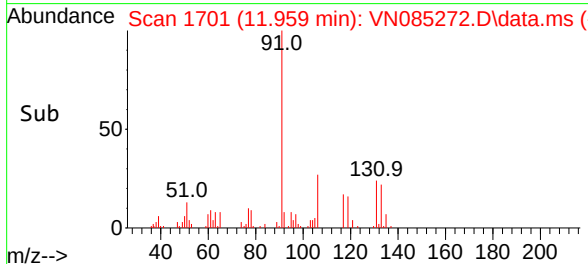
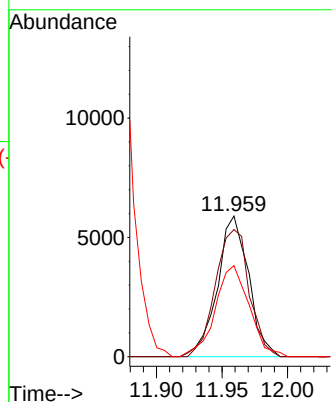
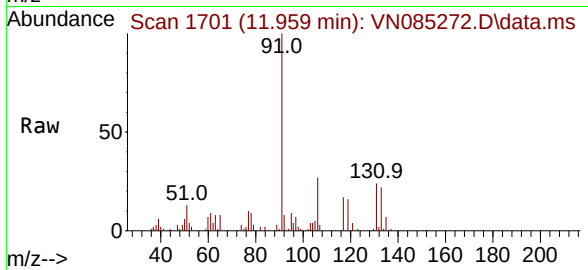




#65
1,1,1,2-Tetrachloroethane
Concen: 5.383 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

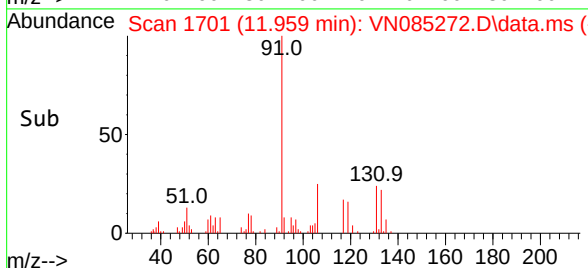
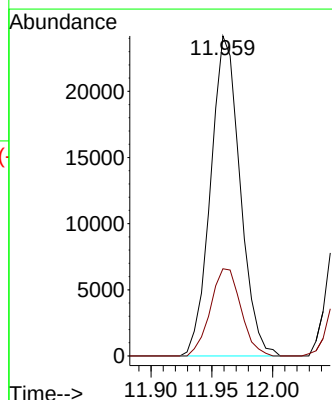
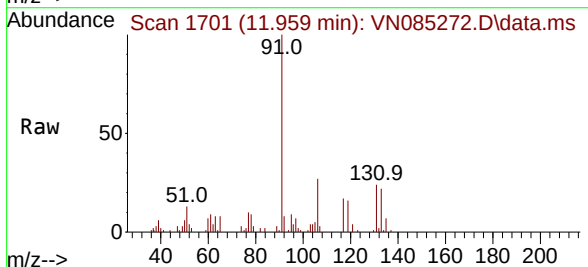
Instrument :
MSVOA_N
ClientSampleId :

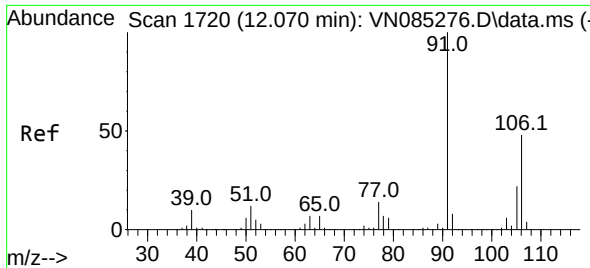
Tgt Ion:131 Resp: 9761
Ion Ratio Lower Upper
131 100
133 97.8 0.0 189.4
119 70.6 0.0 135.0



#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: 91 Resp: 40717
Ion Ratio Lower Upper
91 100
106 27.3 23.2 34.8

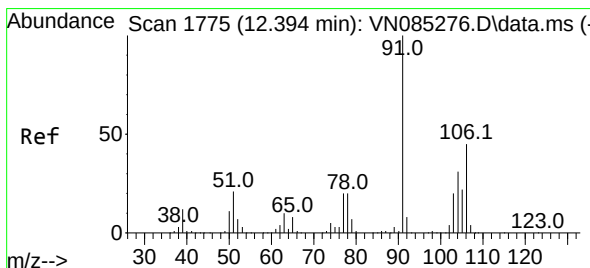
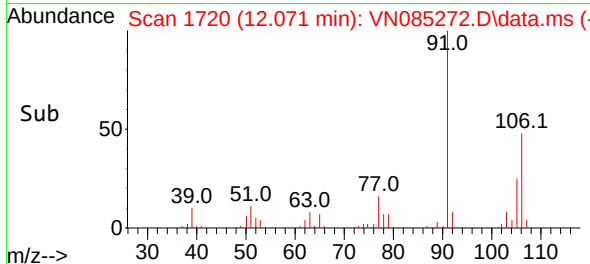
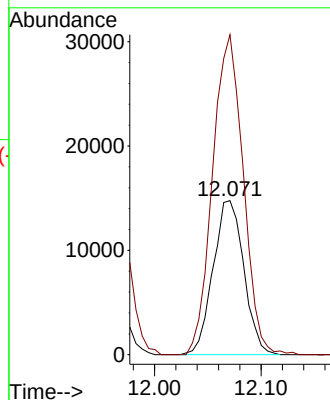
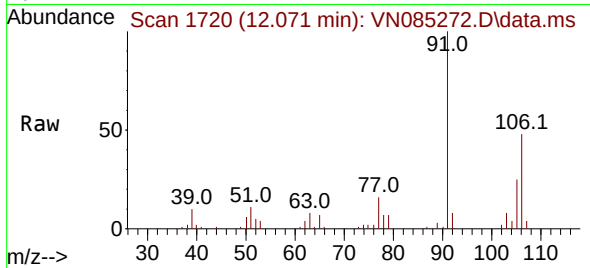




#67
m/p-Xylenes
Concen: 9.044 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

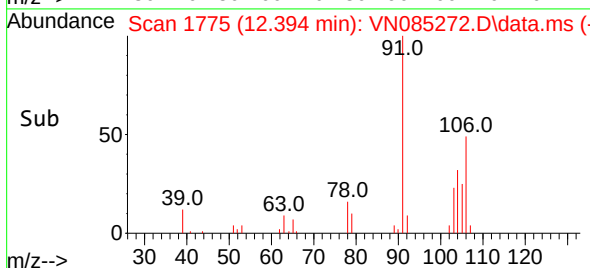
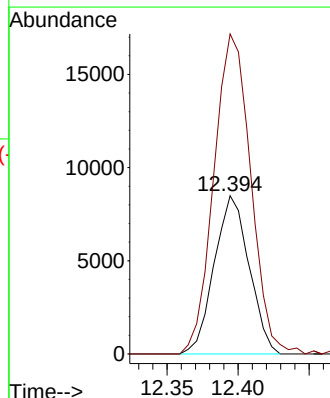
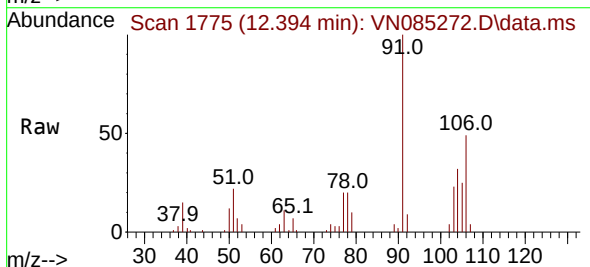
Instrument :
MSVOA_N
ClientSampleId :

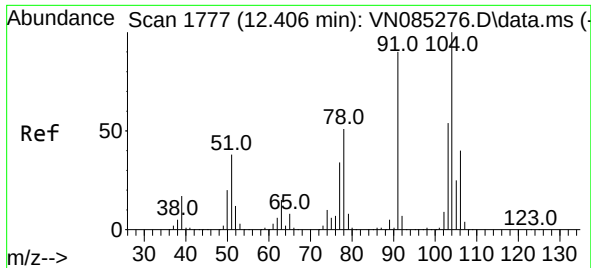
Tgt Ion:106 Resp: 29599
Ion Ratio Lower Upper
106 100
91 207.0 167.0 250.4



#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

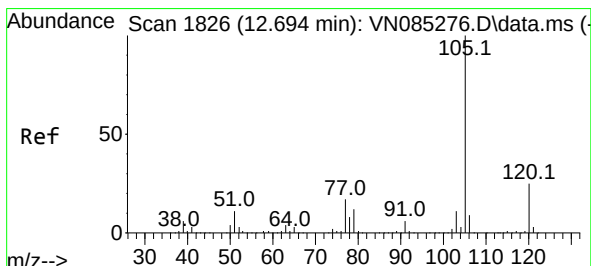
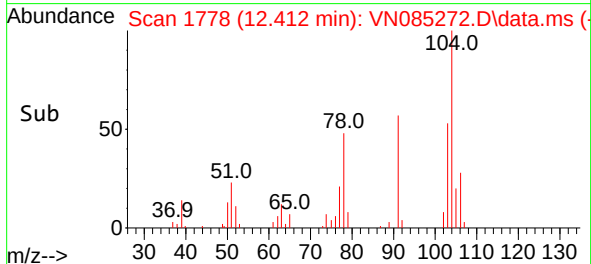
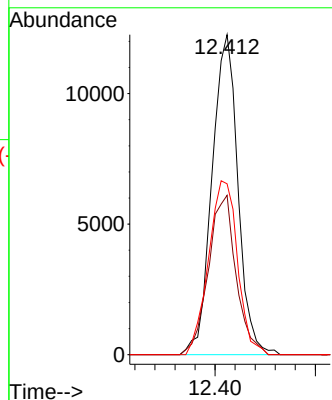
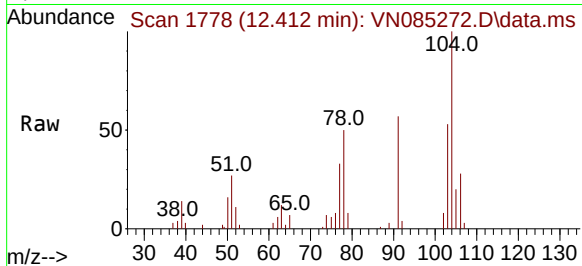




#69
Styrene
Concen: 4.175 ug/l
RT: 12.412 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

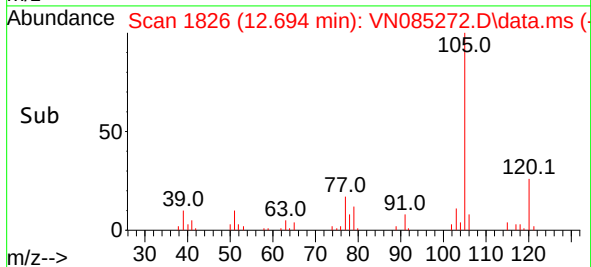
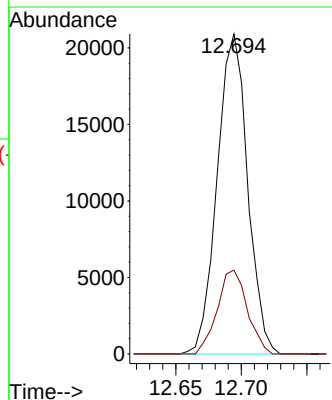
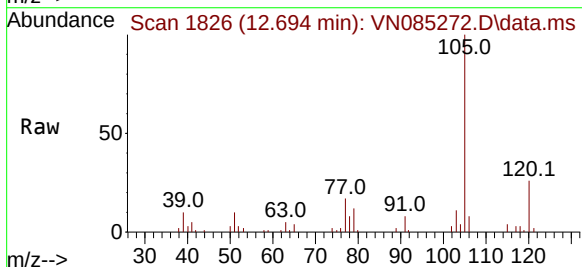
Instrument :
MSVOA_N
ClientSampleId :

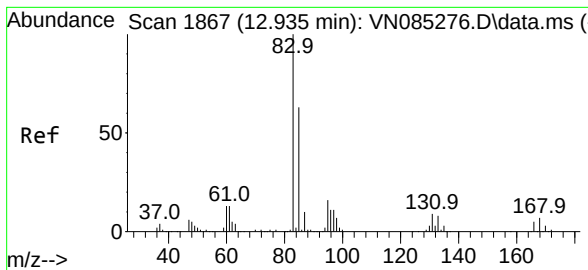
Tgt Ion:104 Resp: 21997
Ion Ratio Lower Upper
104 100
78 53.3 41.0 61.4
103 60.8 44.8 67.2



#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

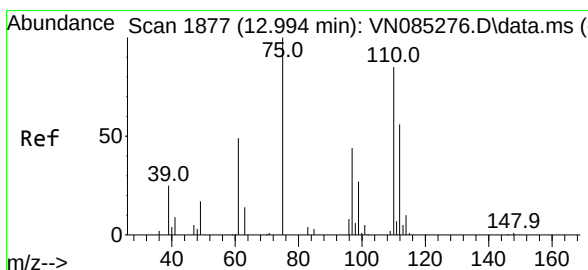
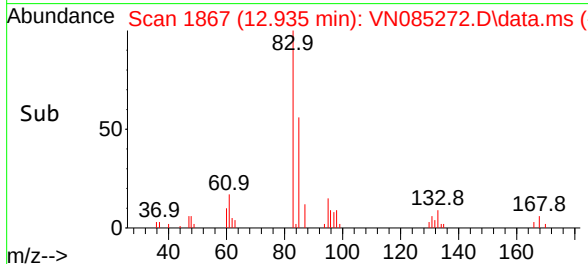
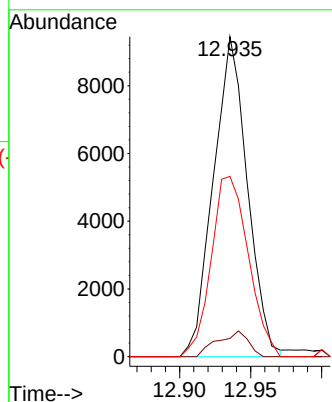
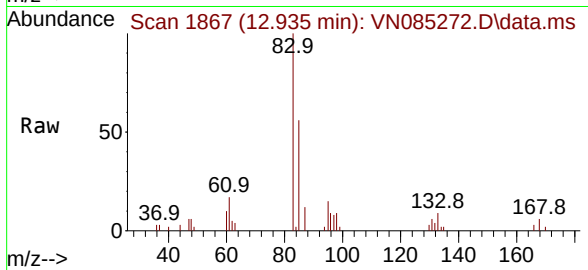




#71
1,1,2,2-Tetrachloroethane
Concen: 5.656 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

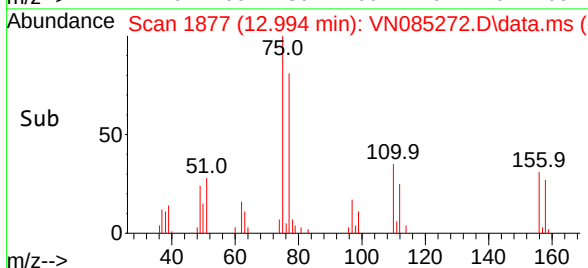
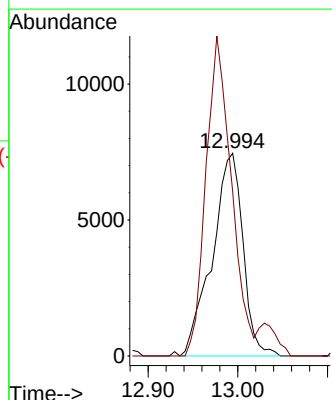
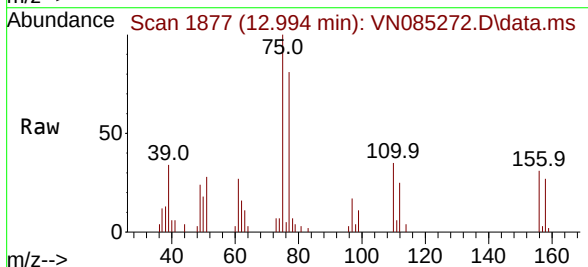
Instrument :
MSVOA_N
ClientSampleId :

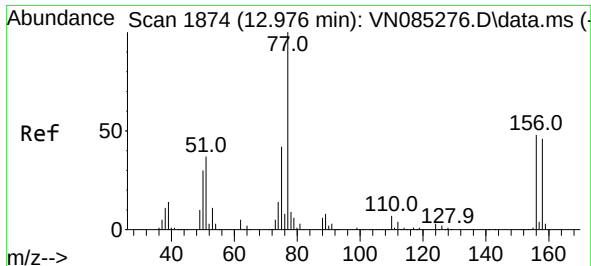
Tgt Ion: 83 Resp: 15703
Ion Ratio Lower Upper
83 100
131 7.2 5.0 15.0
85 61.7 33.0 98.9



#72
1,2,3-Trichloropropane
Concen: 7.158 ug/l
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: 17809
Ion Ratio Lower Upper
75 100
77 130.2 0.0 319.6

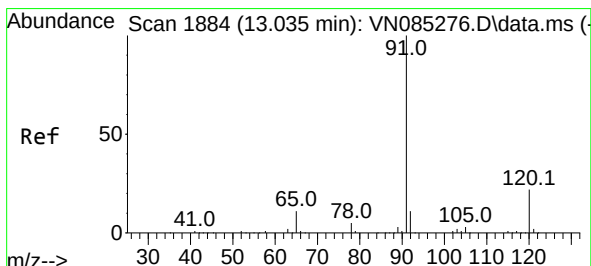
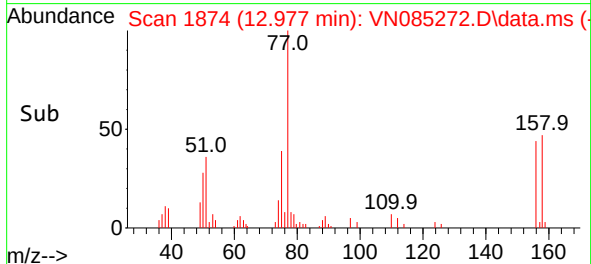
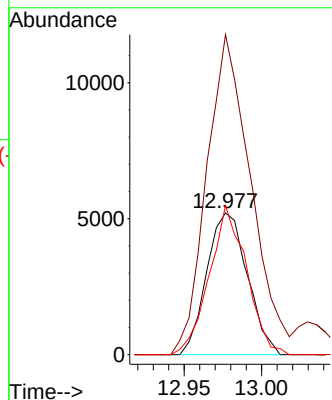
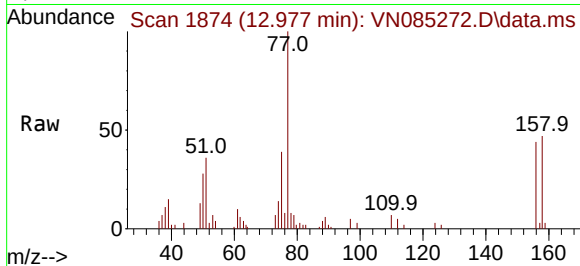




#73
Bromobenzene
Concen: 4.907 ug/l
RT: 12.977 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

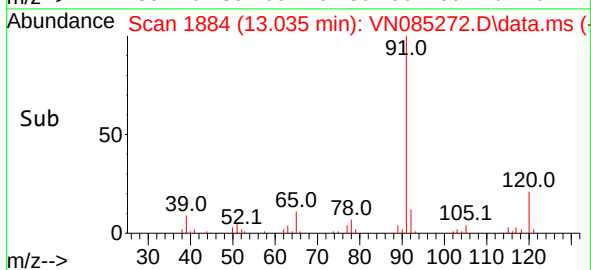
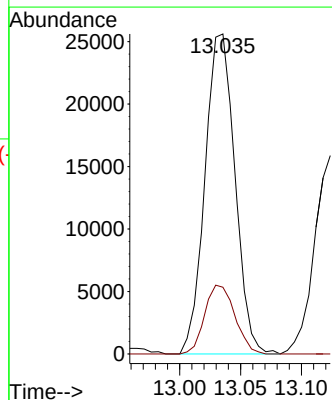
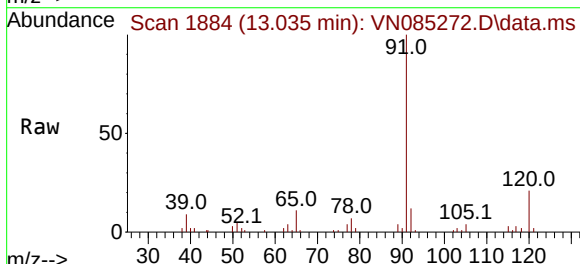
Instrument :
MSVOA_N
ClientSampleId :

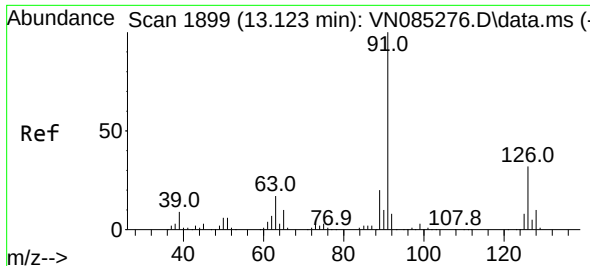
Tgt Ion:156 Resp: 9490
Ion Ratio Lower Upper
156 100
77 244.3 0.0 462.6
158 96.3 0.0 186.4



#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

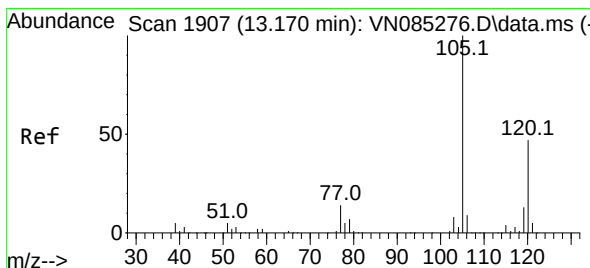
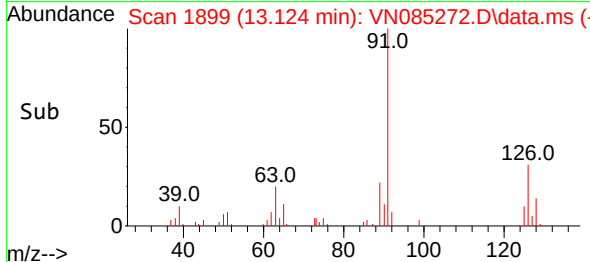
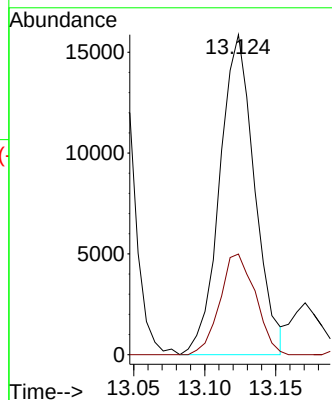
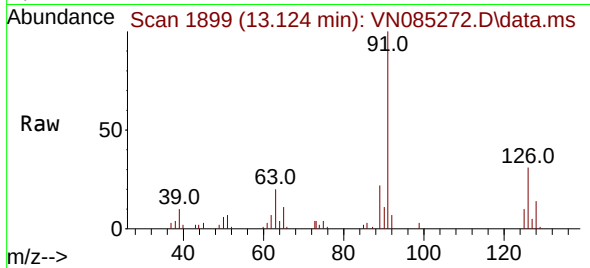




#75
2-Chlorotoluene
Concen: 4.623 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

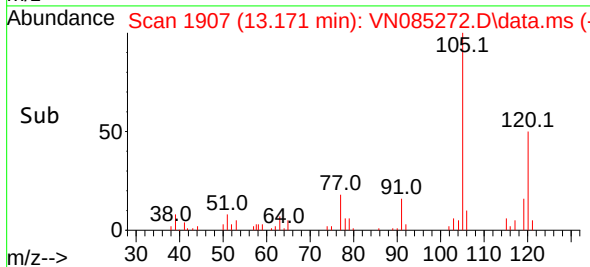
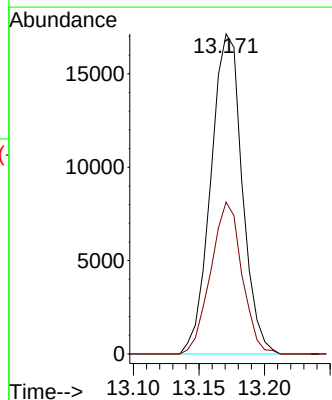
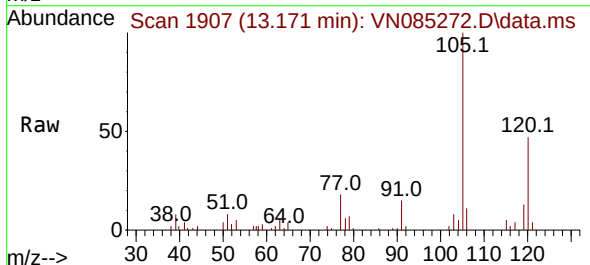
Instrument :
MSVOA_N
ClientSampleId :

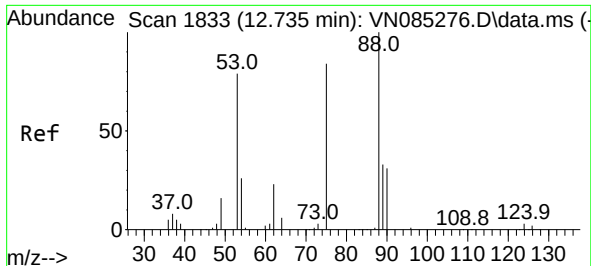
Tgt Ion: 91 Resp: 27159
Ion Ratio Lower Upper
91 100
126 32.0 0.0 65.0



#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

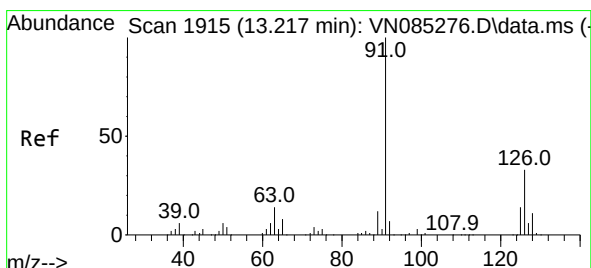
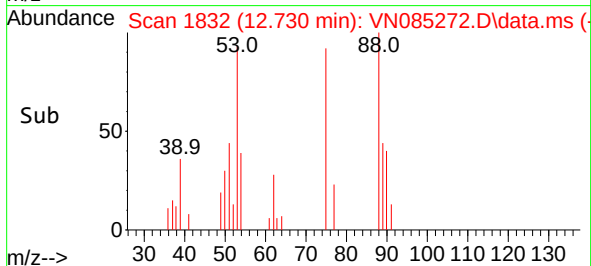
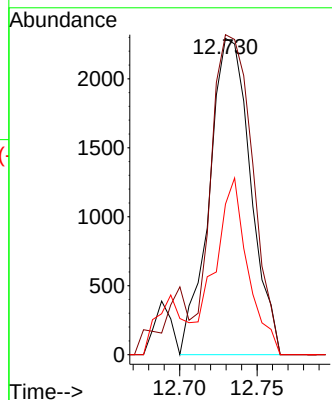
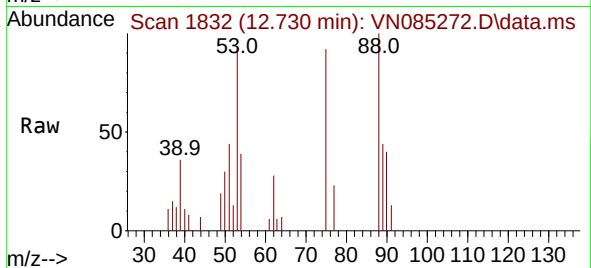
Acq: 20 Dec 2024 10:05

Instrument :

MSVOA_N

ClientSampleId :

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

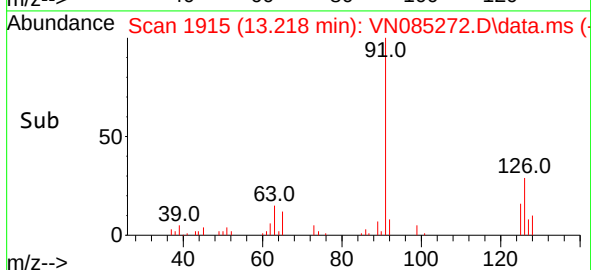
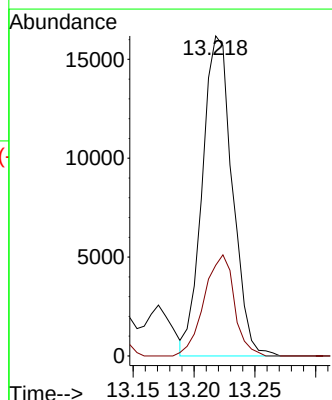
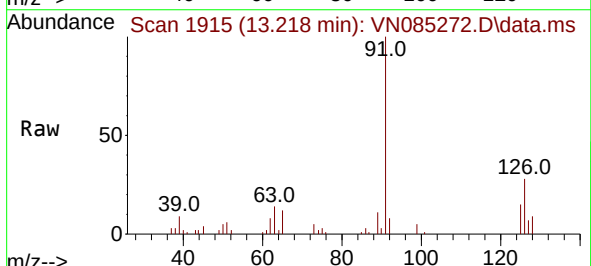
RT: 13.218 min Scan# 1915

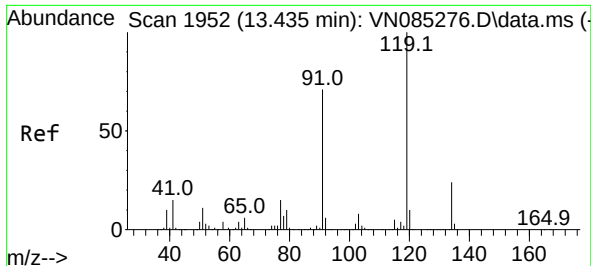
Delta R.T. 0.000 min

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

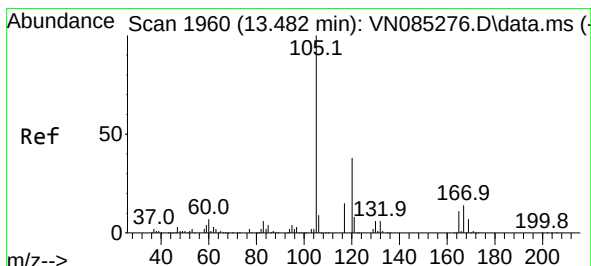
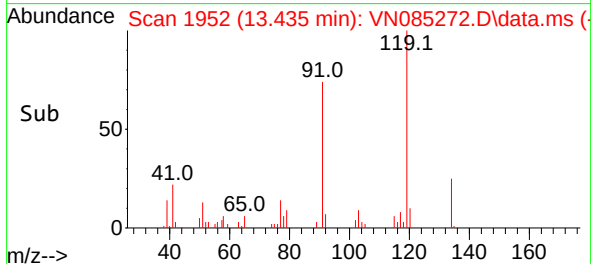
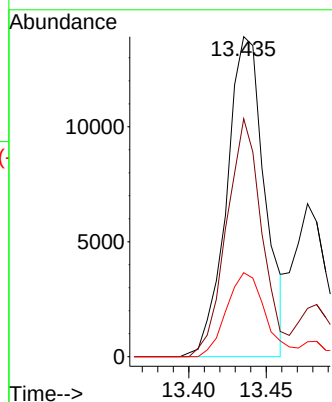
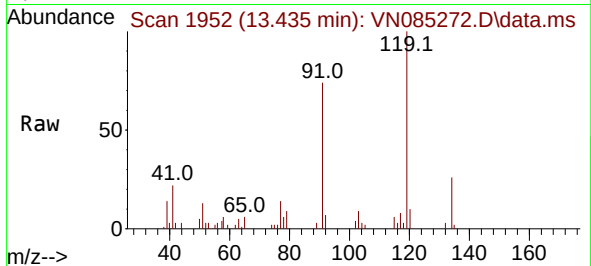




#79
tert-butylbenzene
Concen: 4.357 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

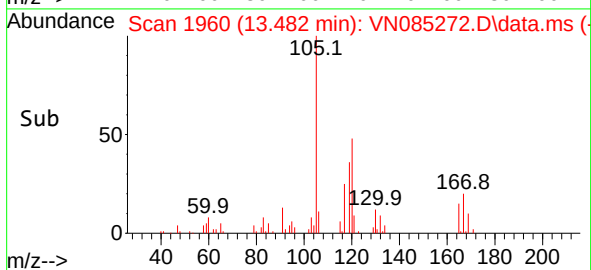
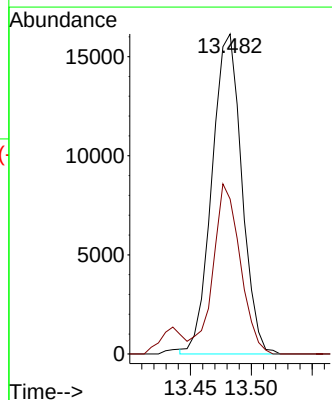
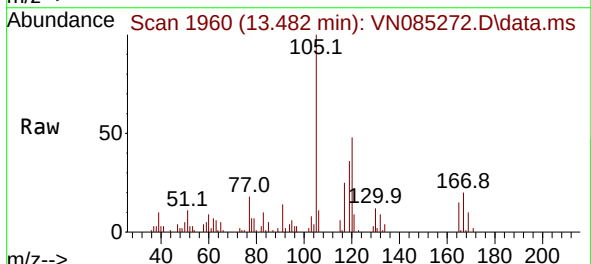
Instrument :
MSVOA_N
ClientSampleId :

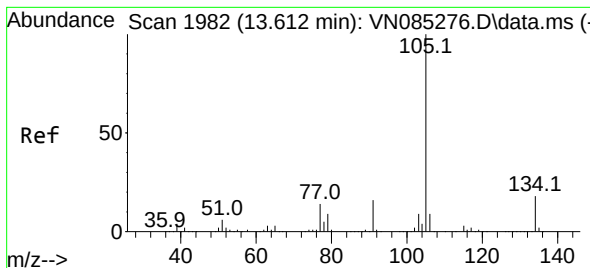
Tgt Ion:119 Resp: 23802
Ion Ratio Lower Upper
119 100
91 69.7 0.0 142.0
134 26.8 0.0 49.0



#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

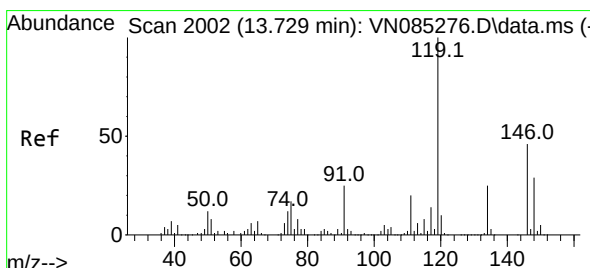
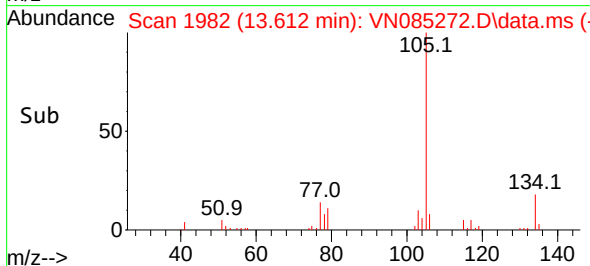
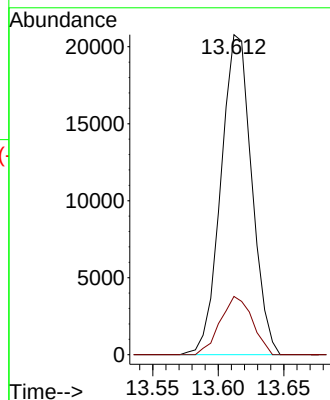
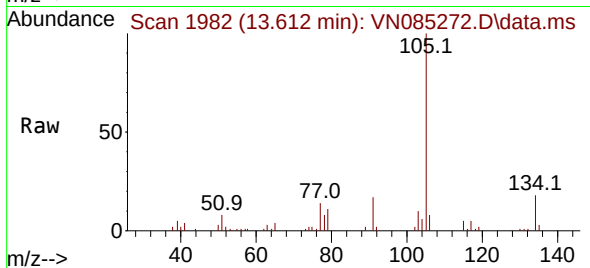
ClientSampleId :

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

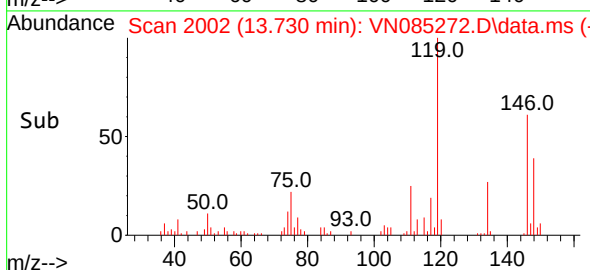
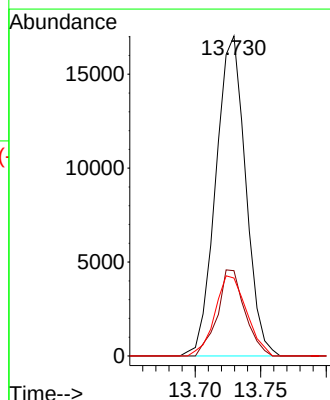
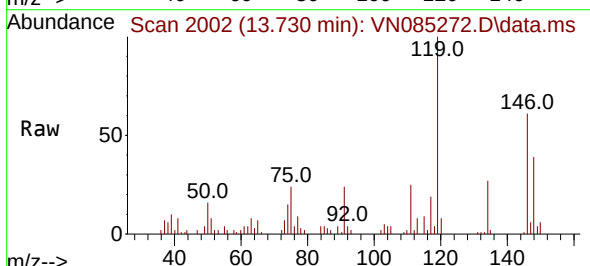
Tgt Ion:119 Resp: 26904

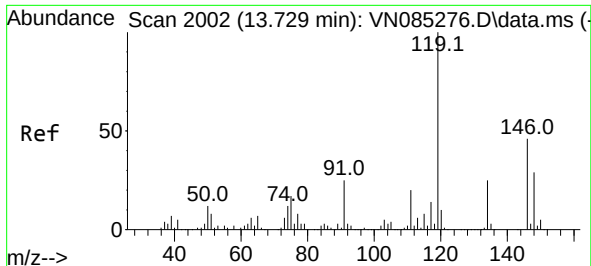
Ion Ratio Lower Upper

119 100

134 24.7 0.0 51.4

91 26.6 0.0 51.4

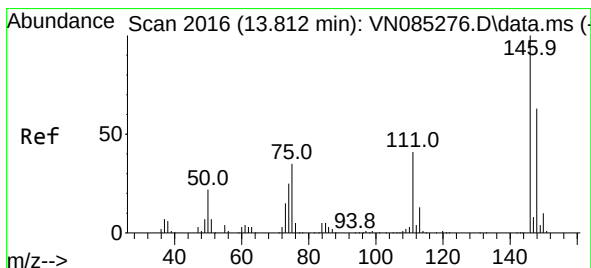
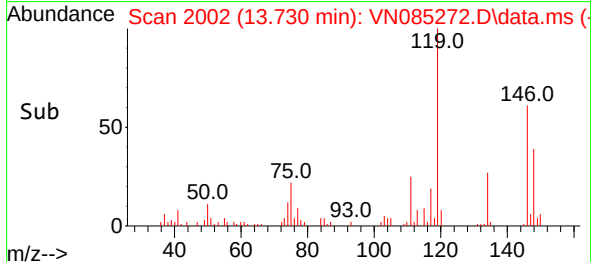
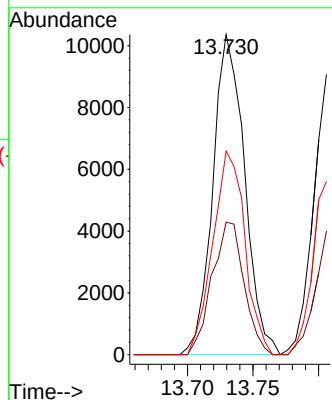
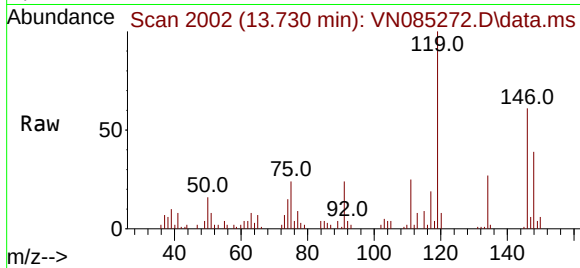




#83
 1,3-Dichlorobenzene
 Concen: 4.833 ug/l
 RT: 13.730 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN085272.D
 Acq: 20 Dec 2024 10:05

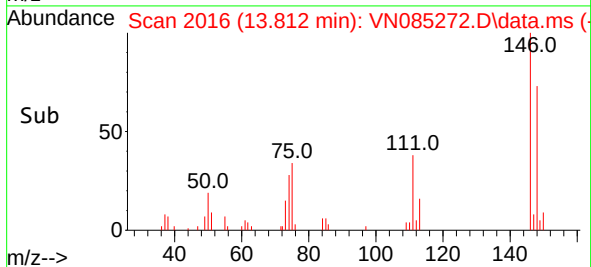
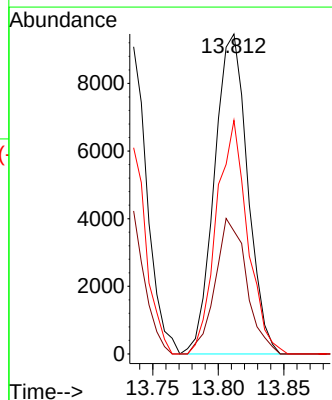
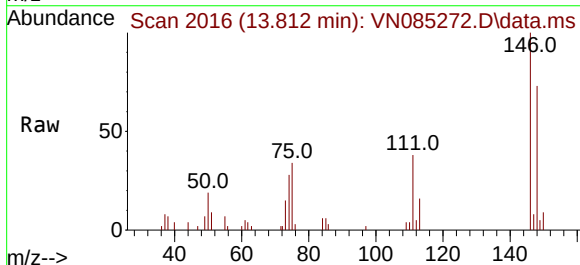
Instrument :
 MSVOA_N
 ClientSampleId :

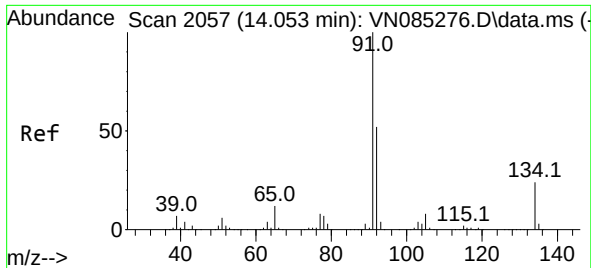
Tgt Ion:146 Resp: 17432
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.4 61.3
 148 64.3 31.1 93.5



#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

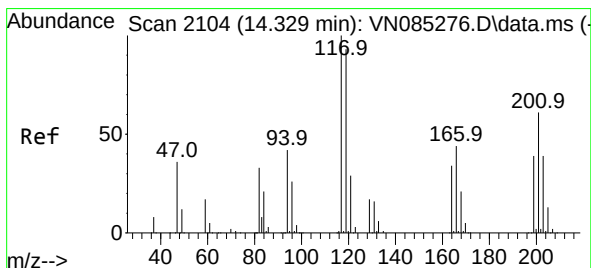
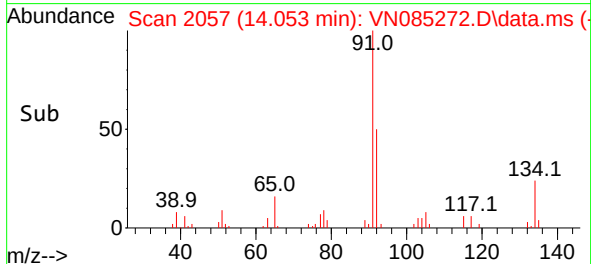
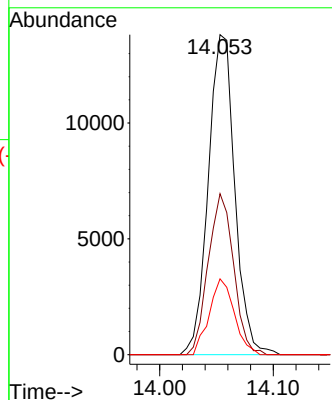
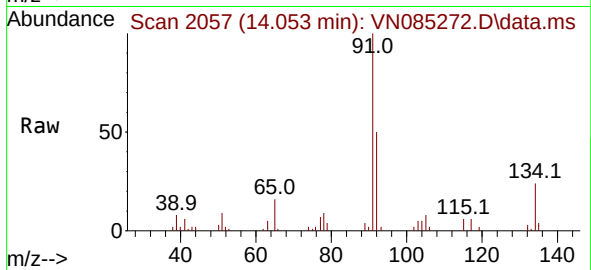




#85
n-Butylbenzene
Concen: 3.999 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085272.D
Acq: 20 Dec 2024 10:05

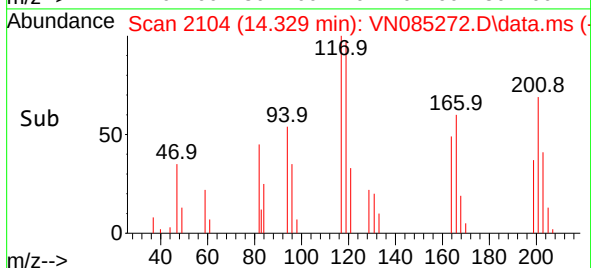
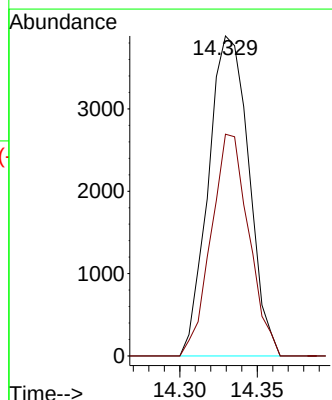
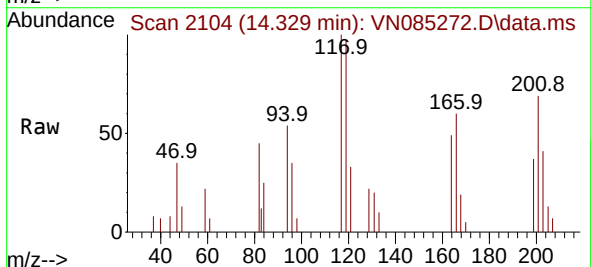
Instrument :
MSVOA_N
ClientSampleId :

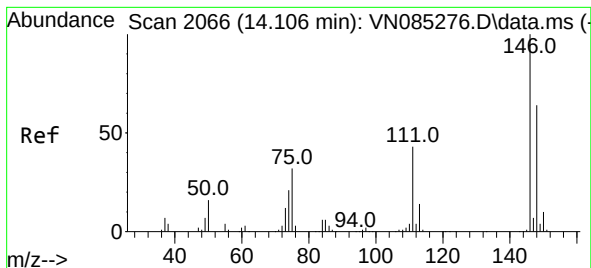
Tgt Ion: 91 Resp: 22425
Ion Ratio Lower Upper
91 100
92 48.1 0.0 102.0
134 22.4 0.0 46.4



#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 :

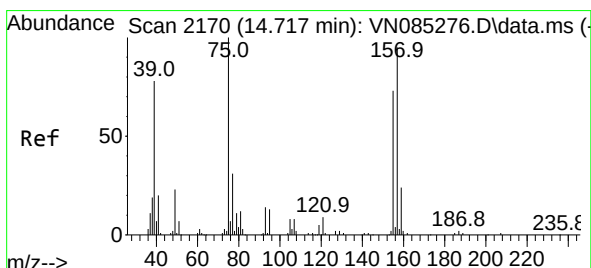
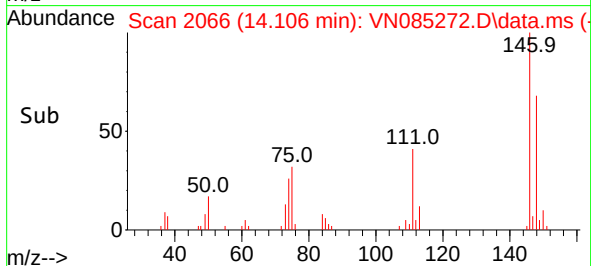
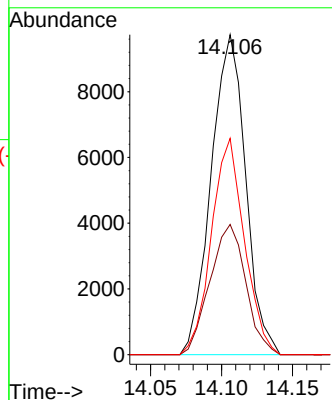
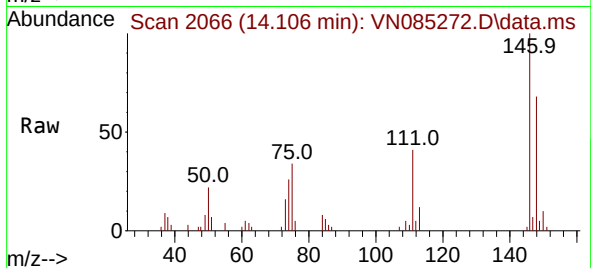
Tgt Ion:146 Resp: 16417

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: 2.640 ug/l

RT: 14.712 min Scan# 2169

Delta R.T. -0.005 min

Lab File: VN085272.D

Acq: 20 Dec 2024 10:05

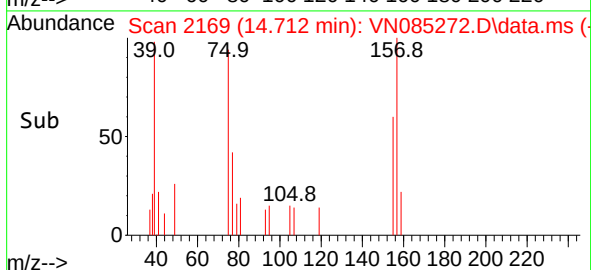
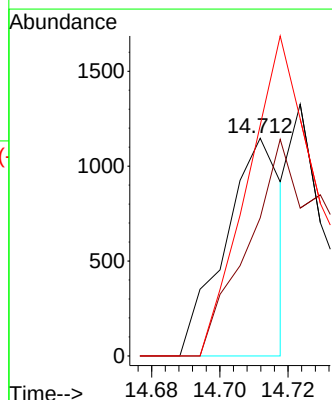
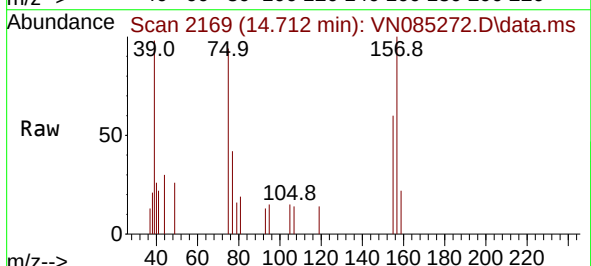
Tgt Ion: 75 Resp: 1338

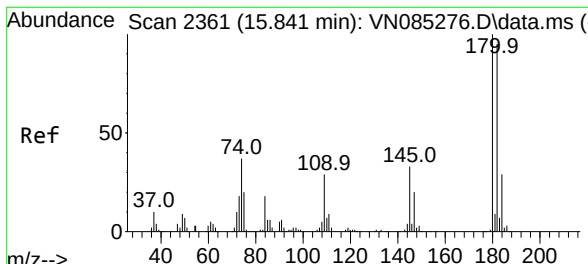
Ion Ratio Lower Upper

75 100

155 134.8 53.4 80.0#

157 180.9 74.2 111.4#

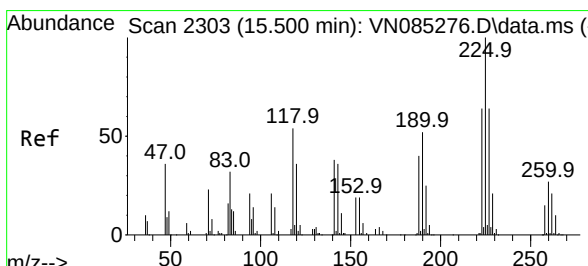
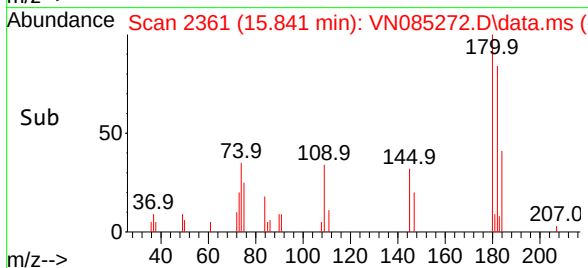
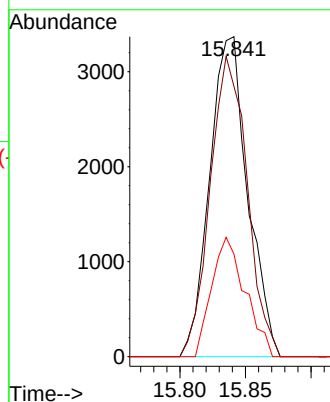
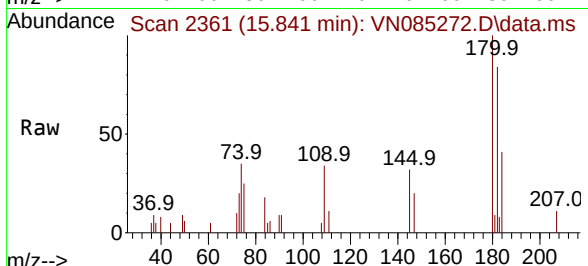




#89
 1,2,4-Trichlorobenzene
 Concen: 4.196 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN085272.D
 Acq: 20 Dec 2024 10:05

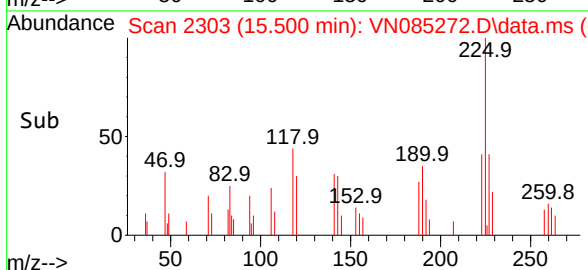
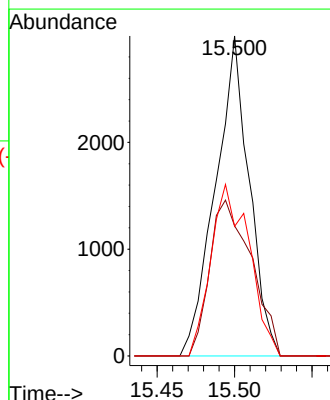
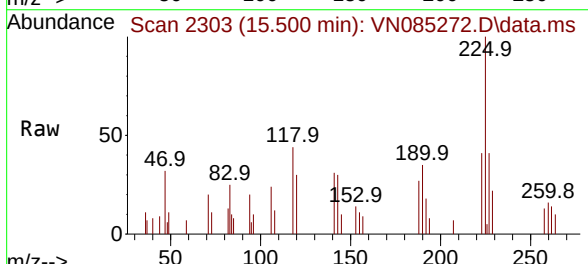
Instrument :
 MSVOA_N
 ClientSampleId :

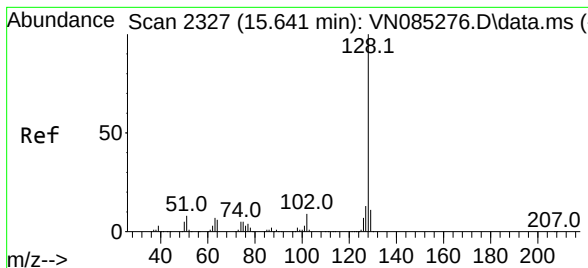
Tgt Ion:180 Resp: 6811
 Ion Ratio Lower Upper
 180 100
 182 91.2 76.5 114.7
 145 32.8 27.4 41.2



#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# 21

Delta R.T. 0.000 min

Lab File: VN085272.D

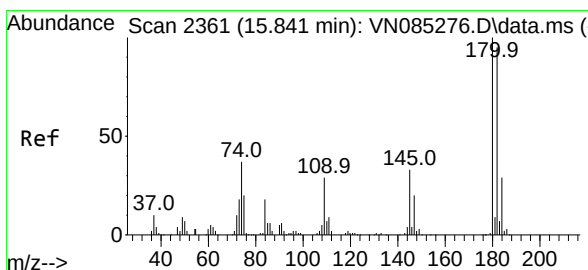
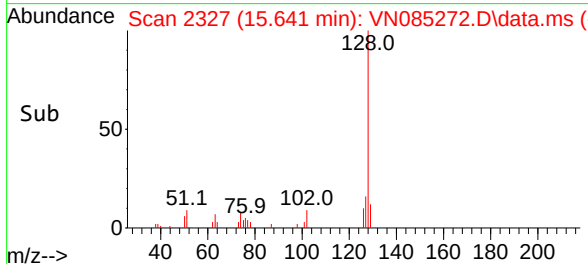
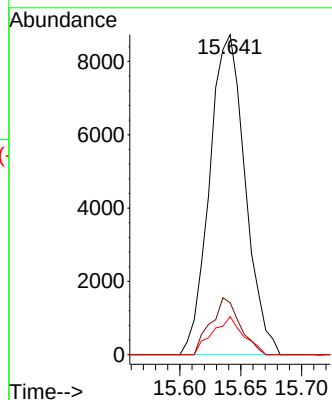
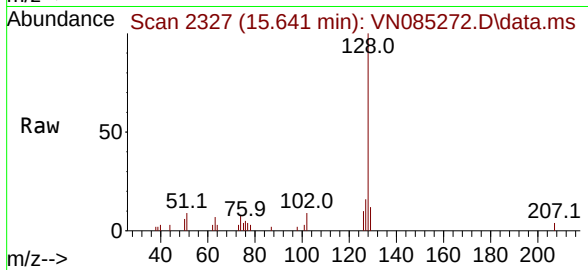
Acq: 20 Dec 2024 10:05

Instrument :

MSVOA_N

ClientSampleId :

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

