

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122324\
 Data File : VN085295.D
 Acq On : 23 Dec 2024 15:37
 Operator : JC\MD
 Sample : P5371-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 24 04:11:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	204753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	354047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	317295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	147884	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	148236	41.421	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.840%
35) Dibromofluoromethane	8.159	113	81455	32.724	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	65.440%#
50) Toluene-d8	10.559	98	435397	47.858	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.720%
62) 4-Bromofluorobenzene	12.841	95	169258	52.088	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.180%

Target Compounds				Qvalue		
3) Chloromethane	2.354	50	653	0.210	ug/l #	42
4) Vinyl Chloride	2.518	62	5259	1.805	ug/l	96
5) Bromomethane	2.977	94	396	0.207	ug/l #	65
6) Chloroethane	3.106	64	324	Below Cal	#	42
11) Tert butyl alcohol	5.506	59	309	0.622	ug/l #	72
16) Acetone	4.424	43	33725	27.301	ug/l #	84
17) Carbon Disulfide	4.724	76	6862	0.860	ug/l	97
20) Methylene Chloride	5.283	84	809	0.299	ug/l #	79
25) 2-Butanone	7.477	43	10028	5.301	ug/l #	75
27) cis-1,2-Dichloroethene	7.483	96	99663	33.221	ug/l	86
28) Bromochloromethane	7.959	49	1252	0.496	ug/l #	18
29) Tetrahydrofuran	7.841	42	945	0.775	ug/l #	41
30) Chloroform	7.959	83	16220	3.037	ug/l	91
31) Cyclohexane	8.224	56	6675	1.442	ug/l #	33
36) 1,1-Dichloropropene	8.218	75	19258	5.556	ug/l #	52
37) Ethyl Acetate	7.477	43	10028	2.508	ug/l #	1
38) Carbon Tetrachloride	8.218	117	23032	5.496	ug/l #	16
39) Methylcyclohexane	9.600	83	3992	1.107	ug/l	86
40) Benzene	8.600	78	1895752	175.816	ug/l	99
41) Methacrylonitrile	7.841	41	444	0.218	ug/l #	25
42) 1,2-Dichloroethane	8.600	62	18553	4.517	ug/l #	77
44) Trichloroethene	9.347	130	7707	3.210	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	1673	0.435	ug/l	92
52) Toluene	10.624	92	1838013	283.494	ug/l	100
53) t-1,3-Dichloropropene	10.624	75	23439	5.889	ug/l #	1
55) 1,1,2-Trichloroethane	10.877	97	18985	7.820	ug/l #	17
56) Ethyl methacrylate	10.877	69	1526	2.552	ug/l #	21
58) 2-Chloroethyl Vinyl ether	10.018	63	115	15.539	ug/l #	48
59) 2-Hexanone	11.182	43	669	0.244	ug/l	67
65) Chlorobenzene	12.035	112	13539	1.898	ug/l #	48
67) Ethyl Benzene	11.959	91	9269155	758.213	ug/l	98
68) m/p-Xylenes	12.065	106	1220084	266.846	ug/l	99
69) o-Xylene	12.394	106	802299	186.682	ug/l	99
70) Styrene	12.394	104	45406	6.329	ug/l #	1
71) Bromoform	12.841	173	699	0.358	ug/l #	1
73) Isopropylbenzene	12.688	105	367644	34.462	ug/l	100

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 Response via : Initial Calibration

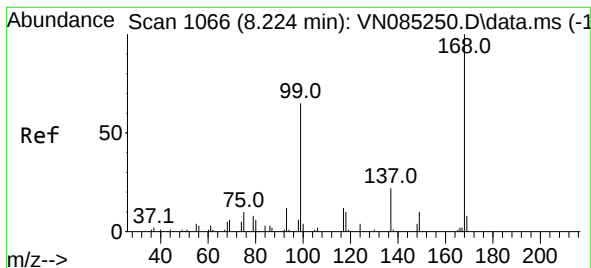
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

74) N-amyl acetate	12.453	43	2083	0.391	ug/l #	58
76) 1,2,3-Trichloropropane	13.088	75	7730	2.193	ug/l #	1
78) n-propylbenzene	13.029	91	142911	10.923	ug/l	98
79) 2-Chlorotoluene	13.123	91	86801	10.449	ug/l #	44
80) 1,3,5-Trimethylbenzene	13.171	105	273738	30.764	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.700	75	7944	5.984	ug/l #	56
82) 4-Chlorotoluene	13.165	91	29527	3.513	ug/l #	43
83) tert-Butylbenzene	13.476	119	134753	17.857	ug/l #	57
84) 1,2,4-Trimethylbenzene	13.476	105	1091643	120.020	ug/l	99
85) sec-Butylbenzene	13.476	105	1091643	103.763	ug/l #	58
86) p-Isopropyltoluene	13.723	119	47347	6.417	ug/l #	73
89) n-Butylbenzene	13.994	91	1499141	193.766	ug/l #	44
90) Hexachloroethane	14.323	117	24041	12.439	ug/l #	18
92) 1,2-Dibromo-3-Chloropr...	14.694	75	1413	1.938	ug/l #	10

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.218 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN085295.D

Acq: 23 Dec 2024 15:37

Instrument :

MSVOA_N

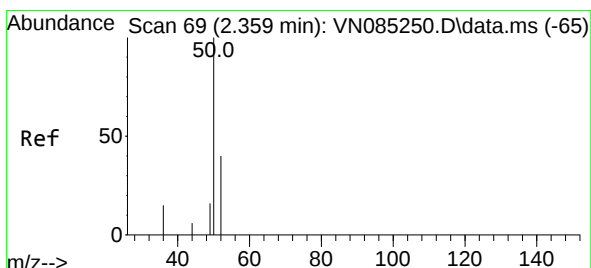
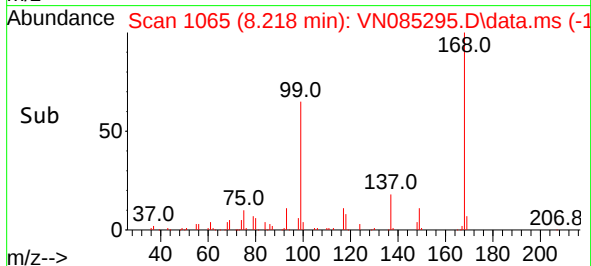
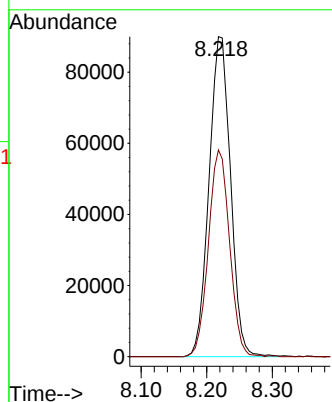
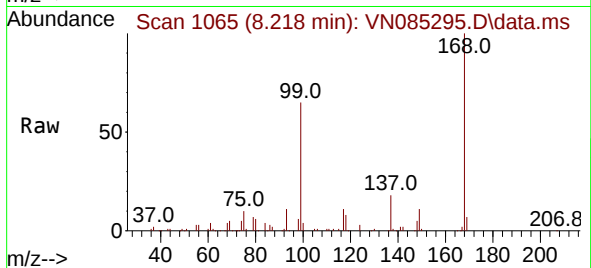
ClientSampleId :

Tgt Ion:168 Resp: 204753

Ion Ratio Lower Upper

168 100

99 64.6 50.7 76.1



#3

Chloromethane

Concen: 0.210 ug/l

RT: 2.354 min Scan# 68

Delta R.T. -0.006 min

Lab File: VN085295.D

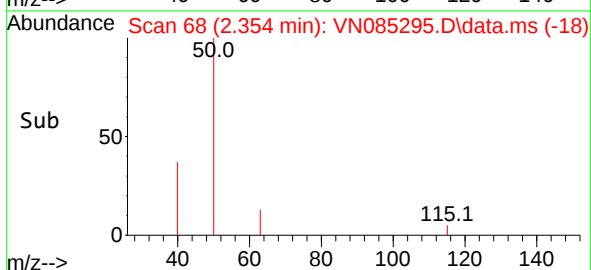
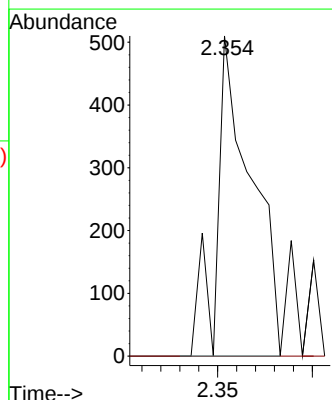
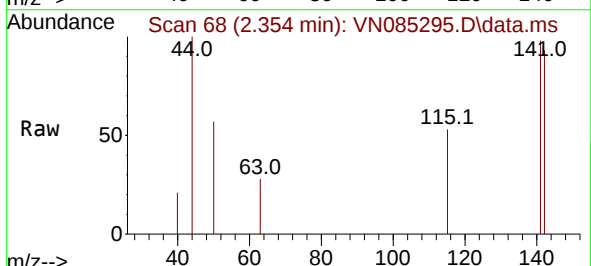
Acq: 23 Dec 2024 15:37

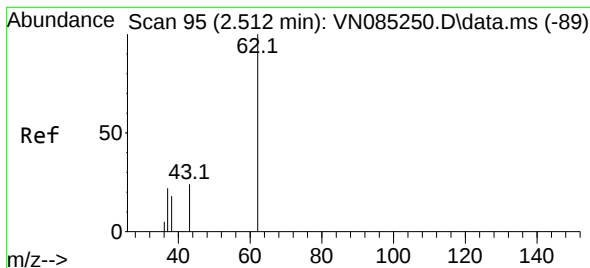
Tgt Ion: 50 Resp: 653

Ion Ratio Lower Upper

50 100

52 0.0 26.2 39.2#





#4

Vinyl Chloride

Concen: 1.805 ug/l

RT: 2.518 min Scan# 90

Delta R.T. 0.006 min

Lab File: VN085295.D

Acq: 23 Dec 2024 15:37

Instrument :

MSVOA_N

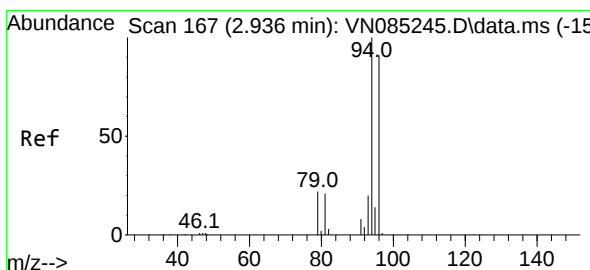
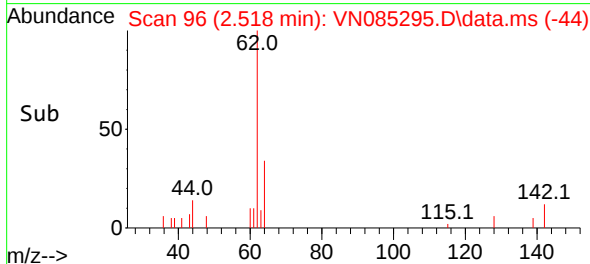
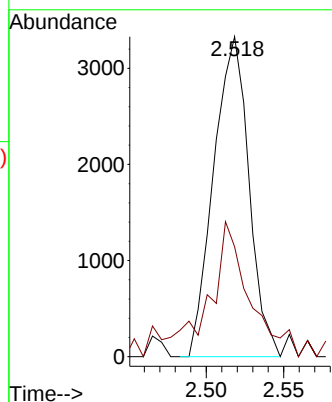
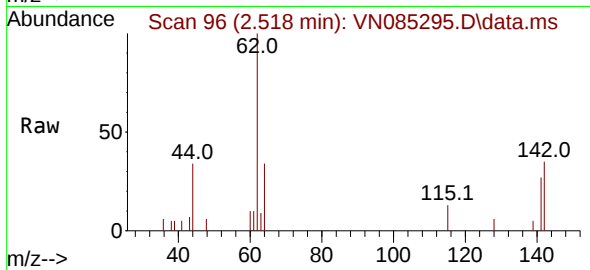
ClientSampleId :

Tgt Ion: 62 Resp: 5259

Ion Ratio Lower Upper

62 100

64 28.5 24.5 36.7



#5

Bromomethane

Concen: 0.207 ug/l

RT: 2.977 min Scan# 174

Delta R.T. 0.029 min

Lab File: VN085295.D

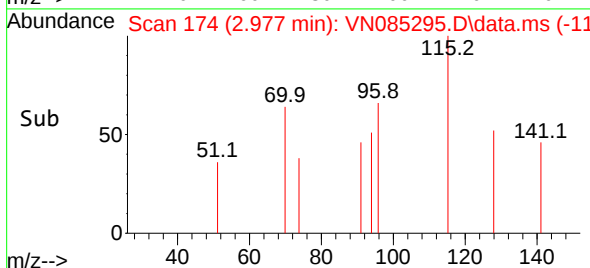
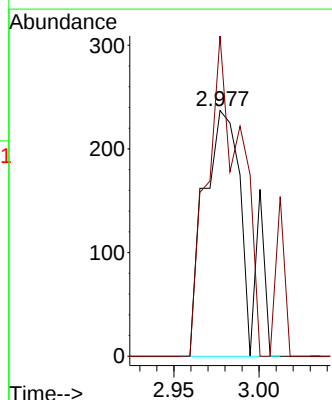
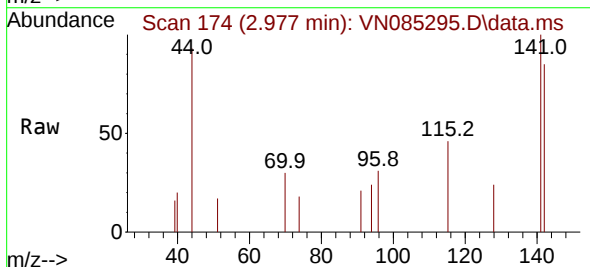
Acq: 23 Dec 2024 15:37

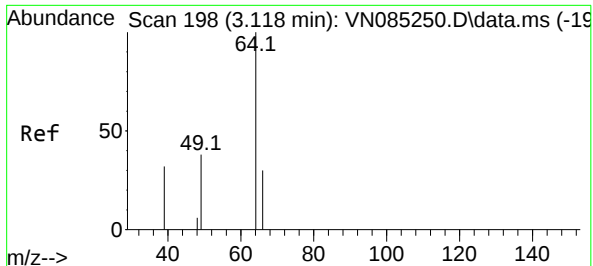
Tgt Ion: 94 Resp: 396

Ion Ratio Lower Upper

94 100

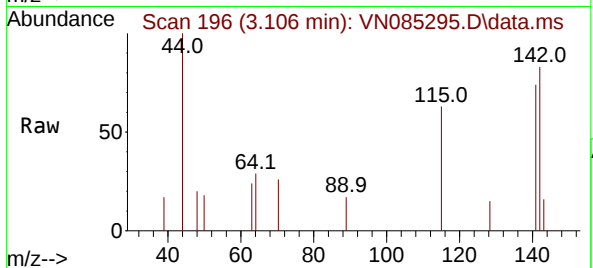
96 130.4 76.8 115.2#



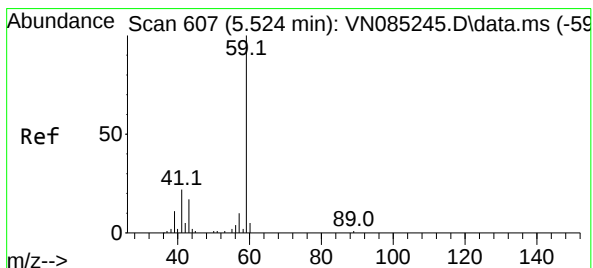
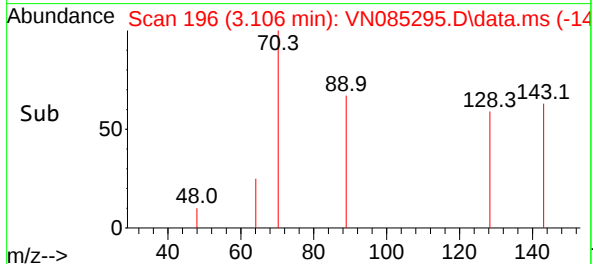
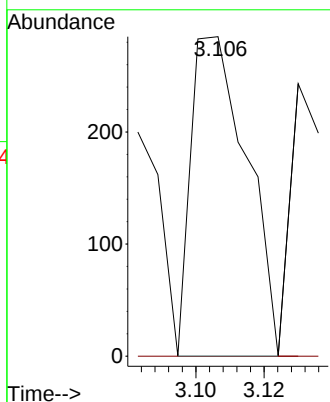


#6
Chloroethane
Concen: Below Cal
RT: 3.106 min Scan# 19
Delta R.T. -0.006 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

Instrument :
MSVOA_N
ClientSampleId :

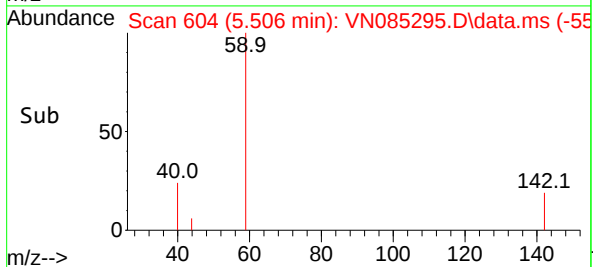
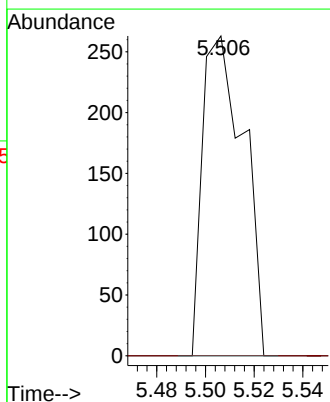
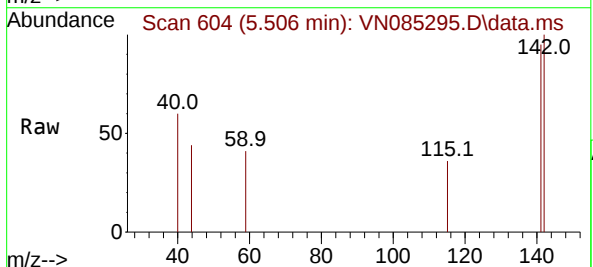


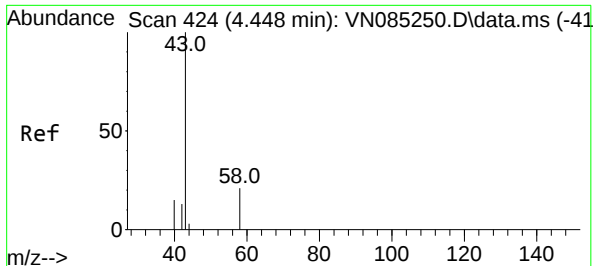
Tgt Ion: 64 Resp: 324
Ion Ratio Lower Upper
64 100
66 0.0 26.3 39.5#



#11
Tert butyl alcohol
Concen: 0.622 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.012 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

Tgt Ion: 59 Resp: 309
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

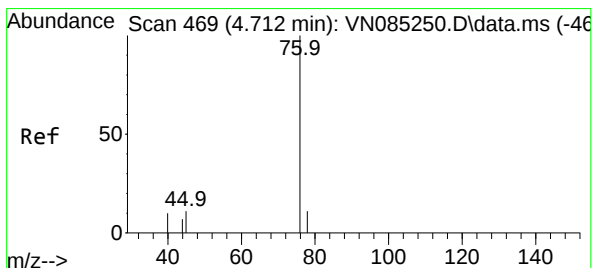
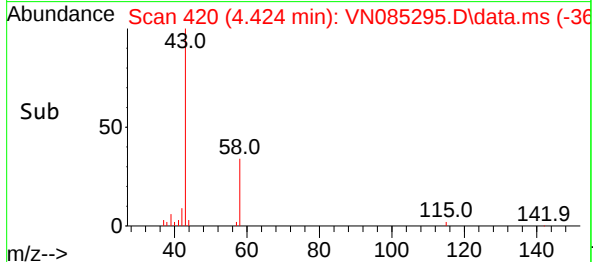
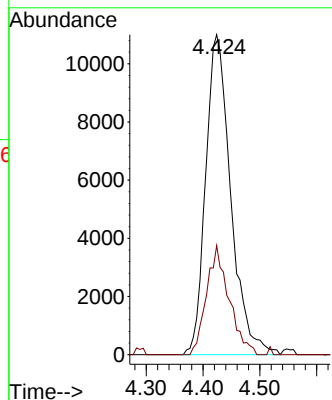
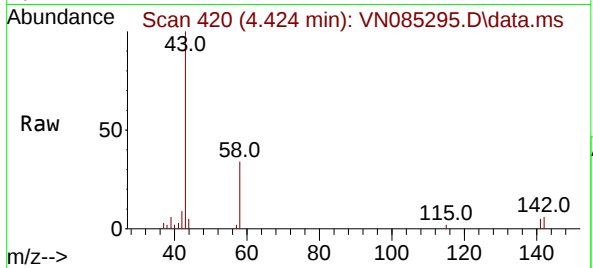




#16
Acetone
Concen: 27.301 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

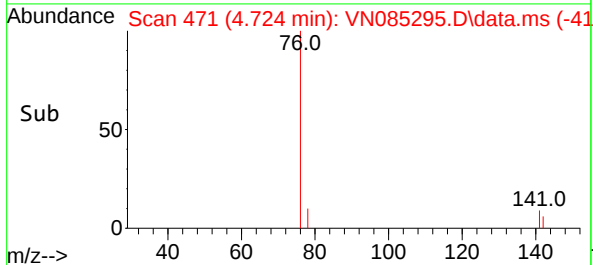
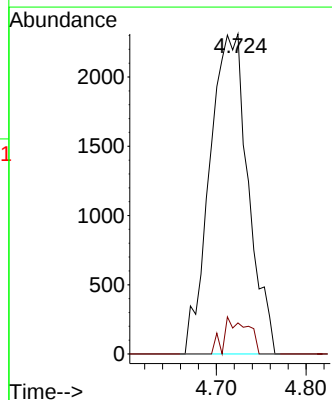
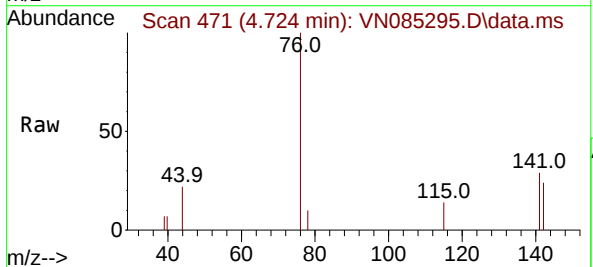
Instrument :
MSVOA_N
ClientSampleId :

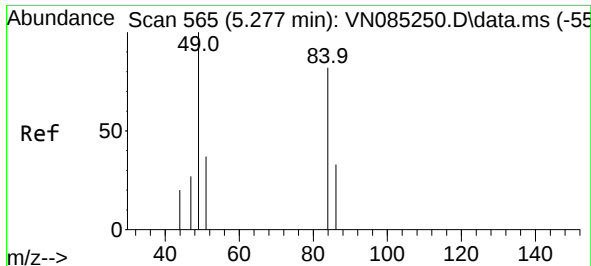
Tgt Ion: 43 Resp: 33725
Ion Ratio Lower Upper
43 100
58 34.1 20.8 31.2#



#17
Carbon Disulfide
Concen: 0.860 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.012 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

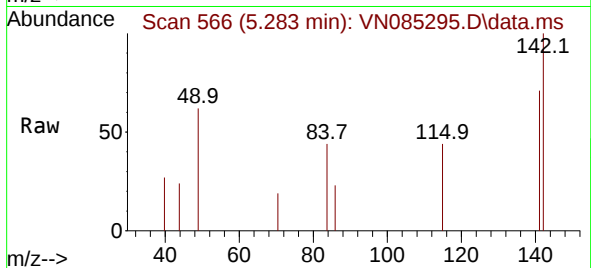
Tgt Ion: 76 Resp: 6862
Ion Ratio Lower Upper
76 100
78 9.7 6.8 10.2





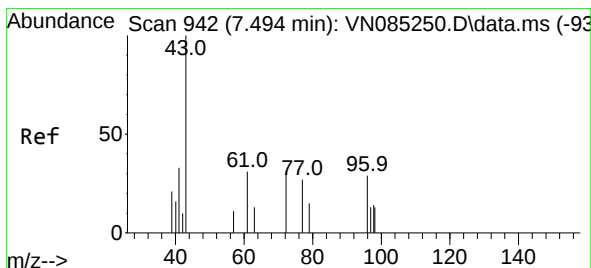
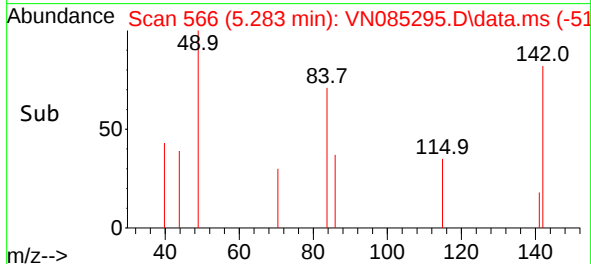
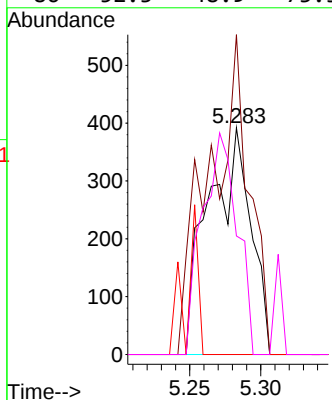
#20
Methylene Chloride
Concen: 0.299 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 809

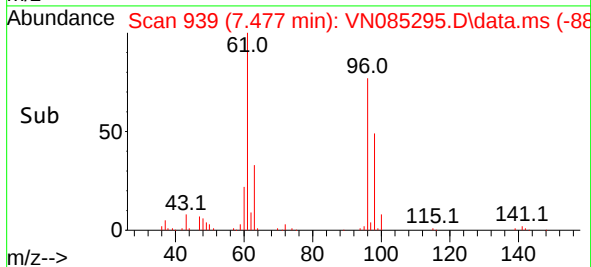
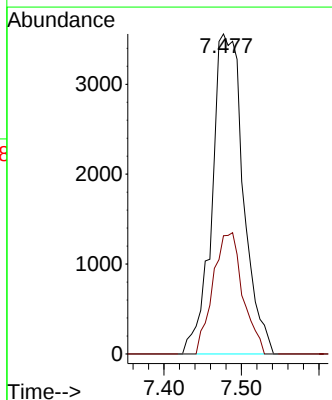
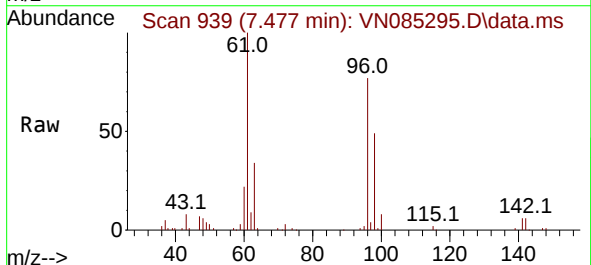
Ion	Ratio	Lower	Upper
84	100		
49	141.1	103.6	155.4
51	0.0	34.2	51.2#
86	52.3	48.9	73.3

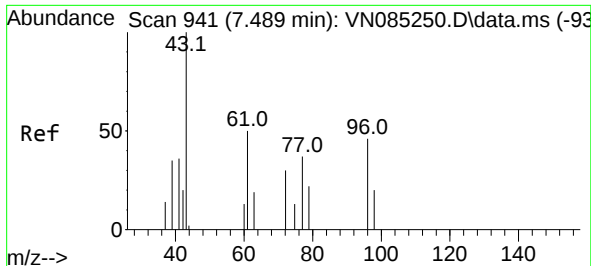


#25
2-Butanone
Concen: 5.301 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

Tgt Ion: 43 Resp: 10028

Ion	Ratio	Lower	Upper
43	100		
72	37.0	19.6	29.4#





#27

cis-1,2-Dichloroethene

Concen: 33.221 ug/l

RT: 7.483 min Scan# 941

Delta R.T. 0.000 min

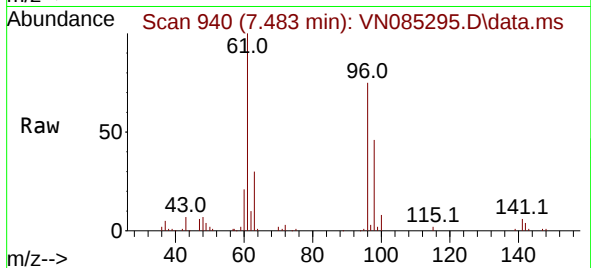
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Acq: 23 Dec 2024 15:37

Instrument :

MSVOA_N

ClientSampleId :



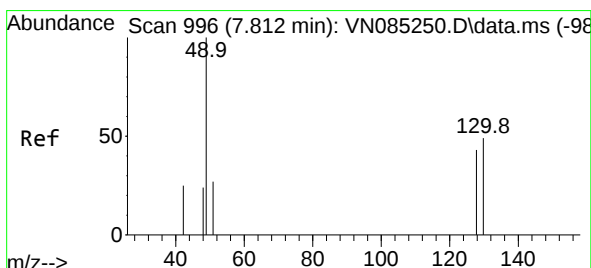
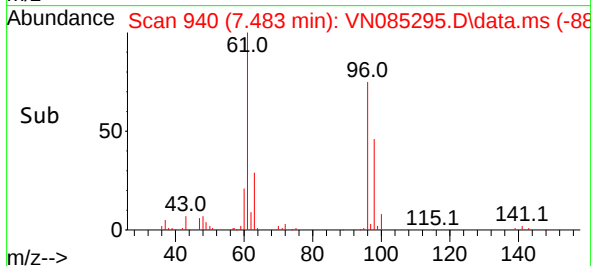
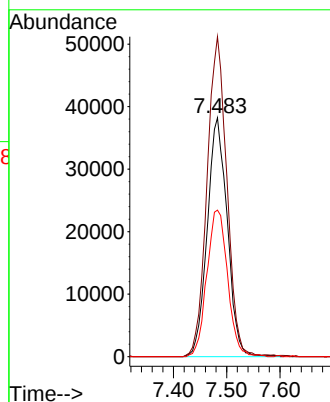
Tgt Ion: 96 Resp: 99663

Ion Ratio Lower Upper

96 100

61 132.6 0.0 316.4

98 63.8 0.0 125.4



#28

Bromochloromethane

Concen: 0.496 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. 0.147 min

Lab File: VN085295.D

Acq: 23 Dec 2024 15:37

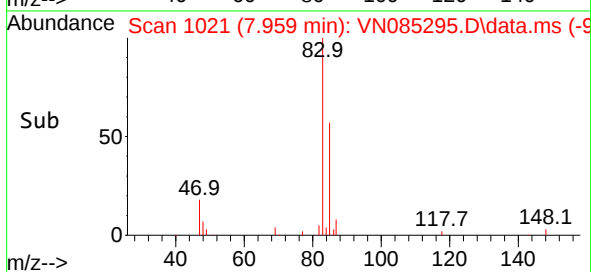
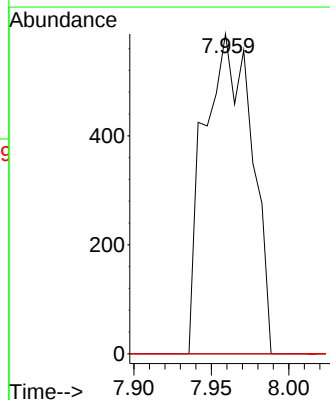
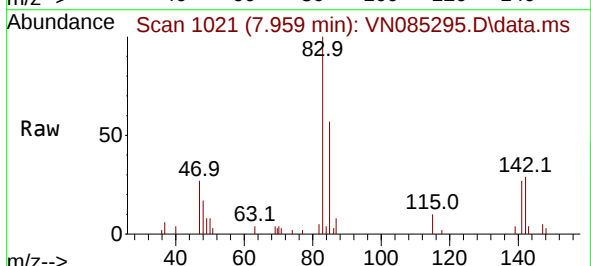
Tgt Ion: 49 Resp: 1252

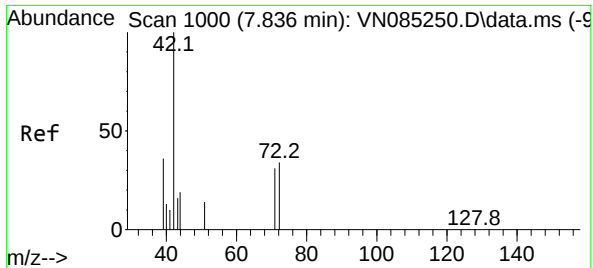
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.4

130 0.0 54.1 81.1#





#29

Tetrahydrofuran

Concen: 0.775 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.006 min

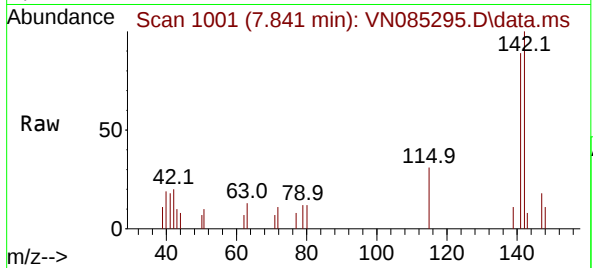
Lab File: VN085295.D

Acq: 23 Dec 2024 15:37

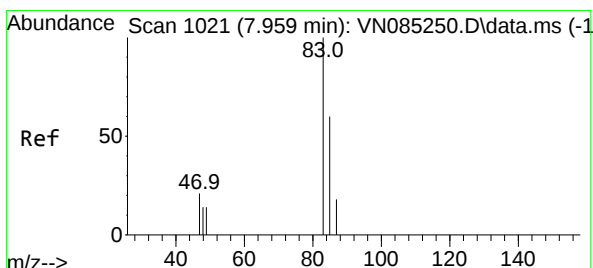
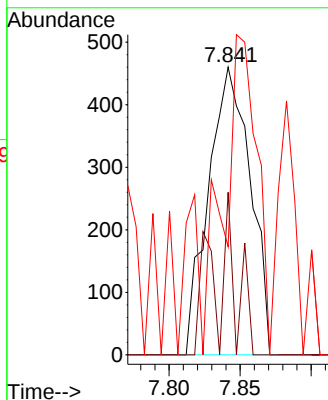
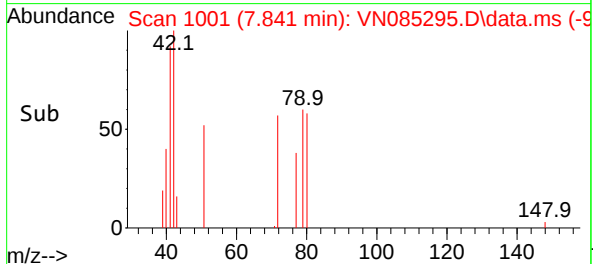
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	945
Ion Ratio	Lower	Upper	
42	100		
72	16.4	32.7	49.1#
71	87.6	31.4	47.2#



#30

Chloroform

Concen: 3.037 ug/l

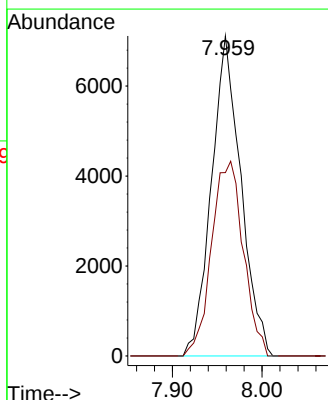
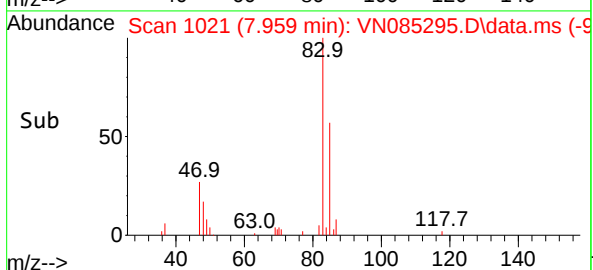
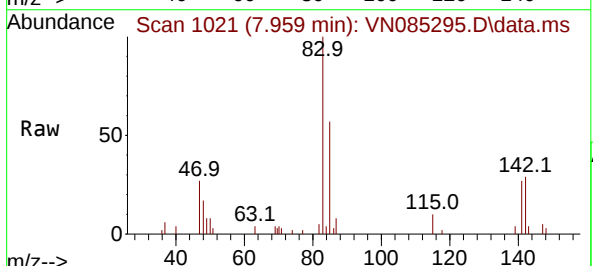
RT: 7.959 min Scan# 1021

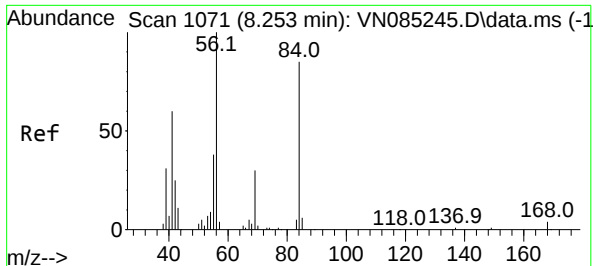
Delta R.T. -0.006 min

Lab File: VN085295.D

Acq: 23 Dec 2024 15:37

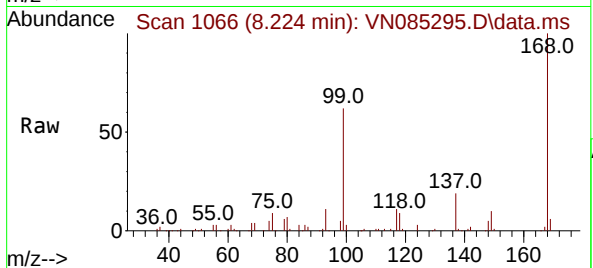
Tgt Ion:	83	Resp:	16220
Ion Ratio	Lower	Upper	
83	100		
85	57.3	51.4	77.0



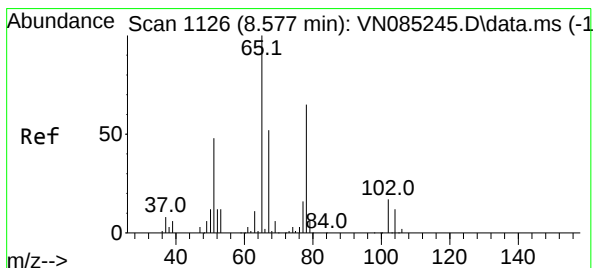
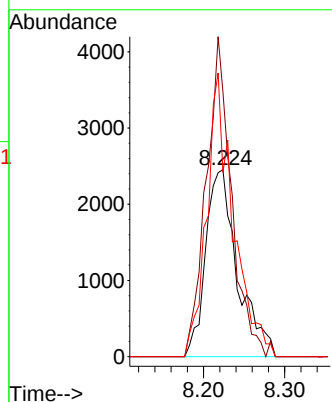
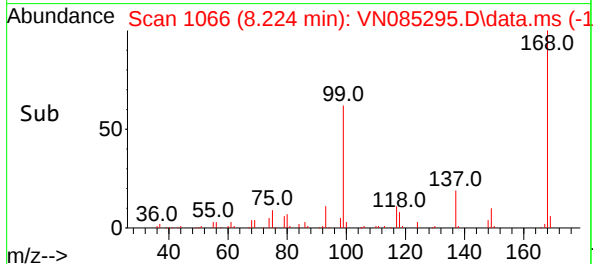


#31
Cyclohexane
Concen: 1.442 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

Instrument :
MSVOA_N
ClientSampleId :

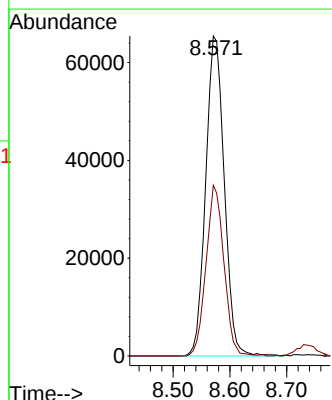
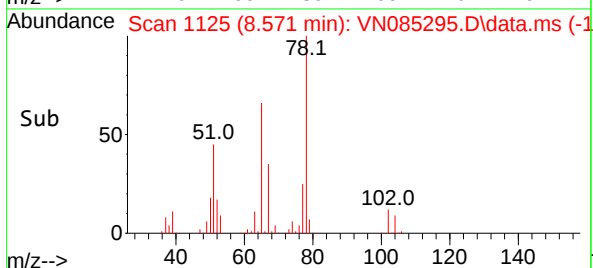
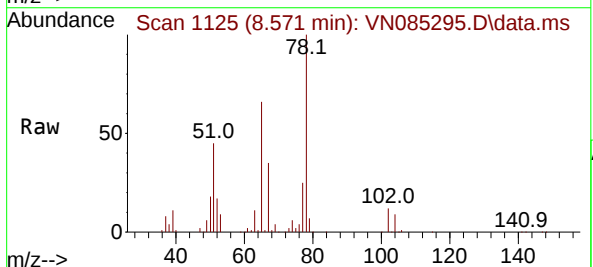


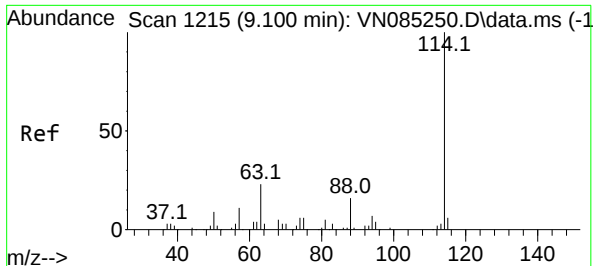
Tgt Ion: 56 Resp: 6675
Ion Ratio Lower Upper
56 100
69 141.6 23.6 35.4#
84 98.5 66.6 99.8



#33
1,2-Dichloroethane-d4
Concen: 41.421 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

Tgt Ion: 65 Resp: 148236
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN085295.D

Acq: 23 Dec 2024 15:37

Instrument :

MSVOA_N

ClientSampleId :

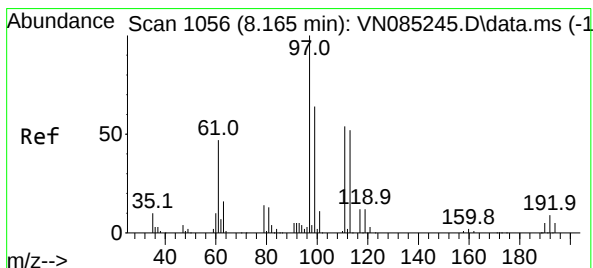
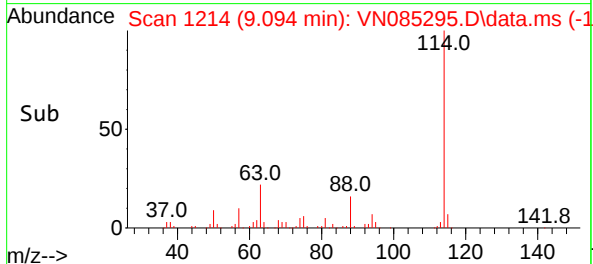
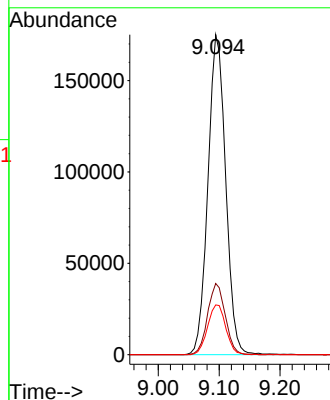
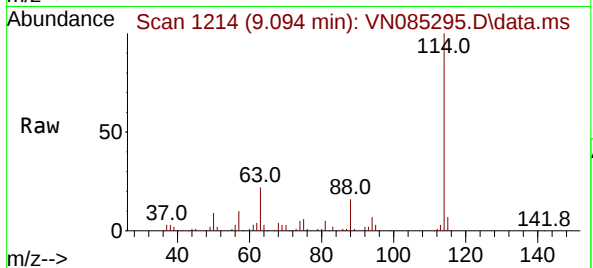
Tgt Ion:114 Resp: 354047

Ion Ratio Lower Upper

114 100

63 22.3 0.0 46.2

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 32.724 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN085295.D

Acq: 23 Dec 2024 15:37

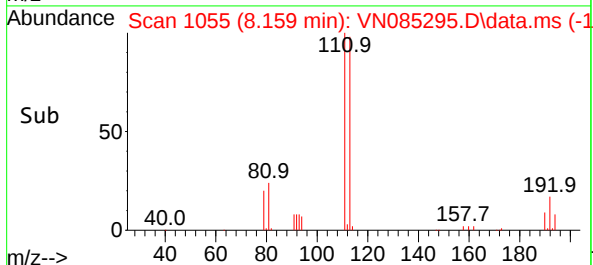
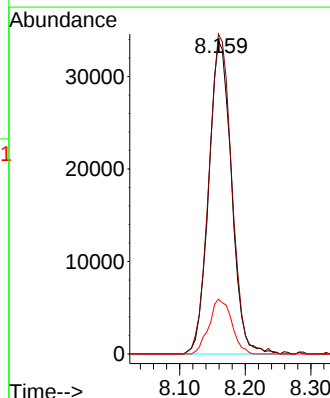
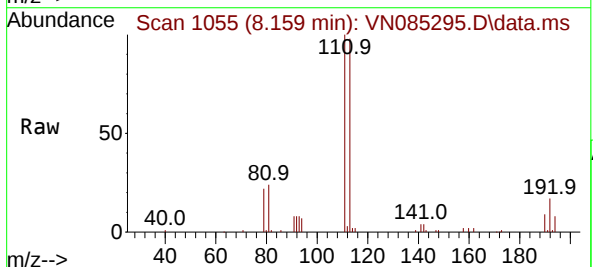
Tgt Ion:113 Resp: 81455

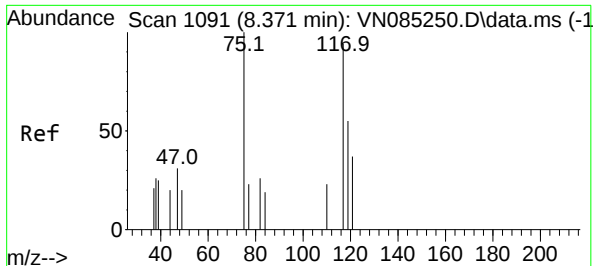
Ion Ratio Lower Upper

113 100

111 103.0 82.1 123.1

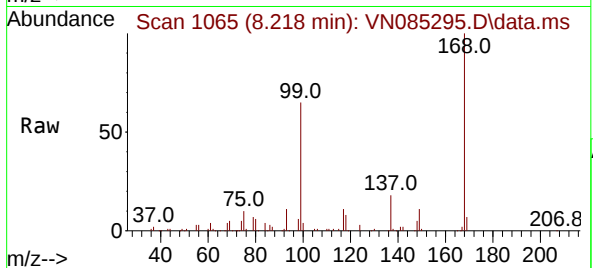
192 17.4 13.4 20.0



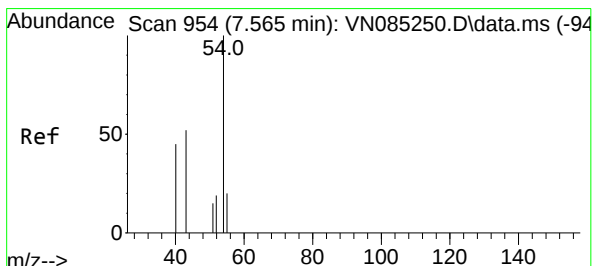
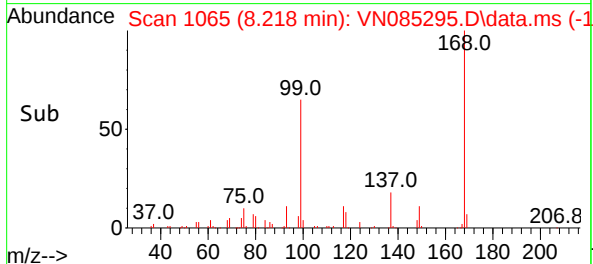
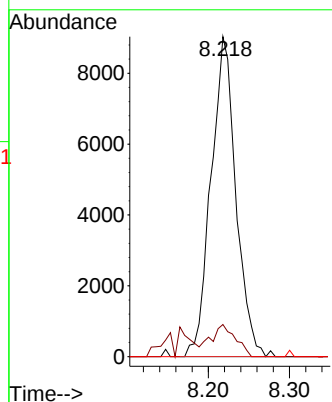


#36
 1,1-Dichloropropene
 Concen: 5.556 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.147 min
 Lab File: VN085295.D
 Acq: 23 Dec 2024 15:37

Instrument :
 MSVOA_N
 ClientSampleId :

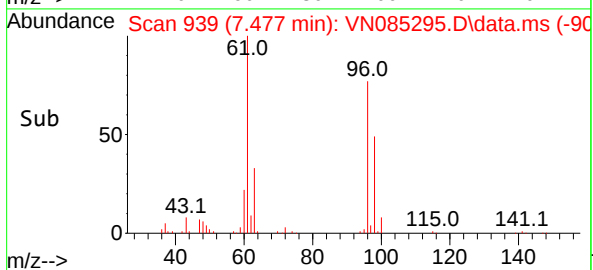
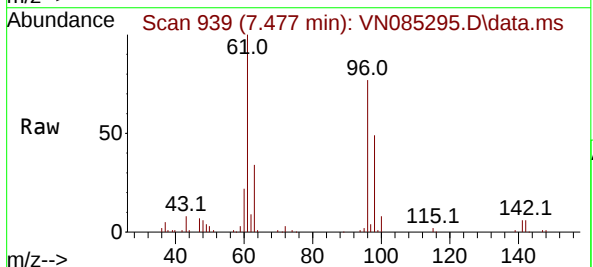
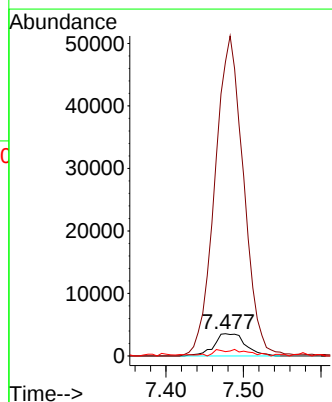


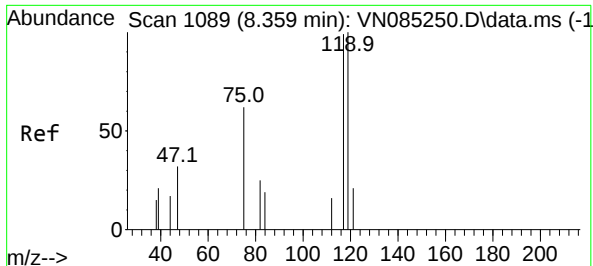
Tgt Ion: 75 Resp: 19258
 Ion Ratio Lower Upper
 75 100
 110 10.0 16.0 48.0#
 77 0.0 24.6 36.8#



#37
 Ethyl Acetate
 Concen: 2.508 ug/l
 RT: 7.477 min Scan# 939
 Delta R.T. -0.082 min
 Lab File: VN085295.D
 Acq: 23 Dec 2024 15:37

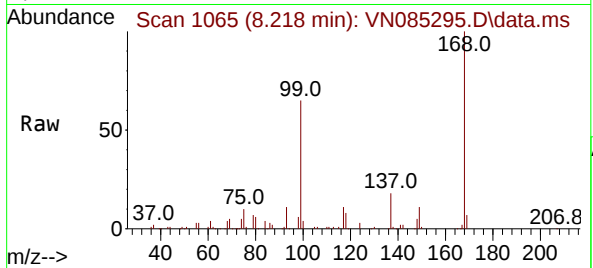
Tgt Ion: 43 Resp: 10028
 Ion Ratio Lower Upper
 43 100
 61 1317.6 9.8 14.6#
 70 10.5 7.8 11.8



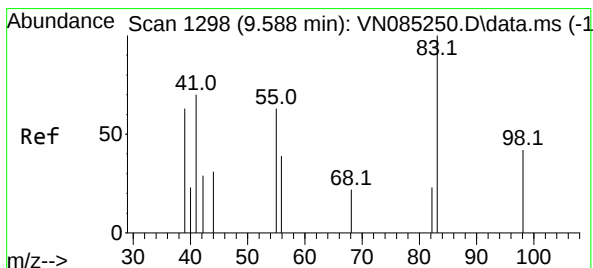
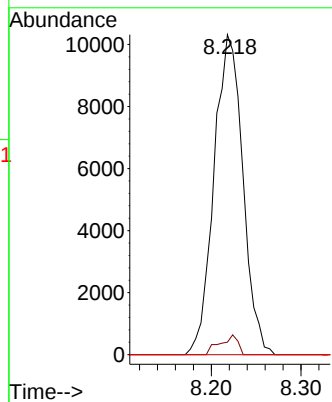
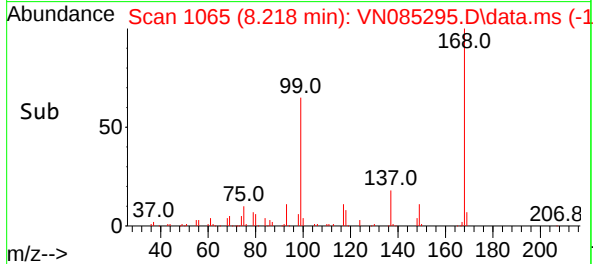


#38
Carbon Tetrachloride
Concen: 5.496 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

Instrument :
MSVOA_N
ClientSampleId :

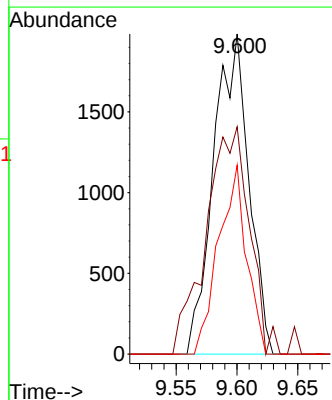
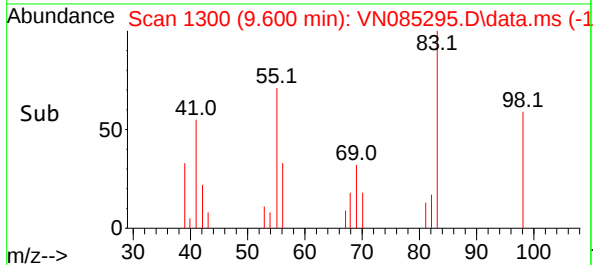
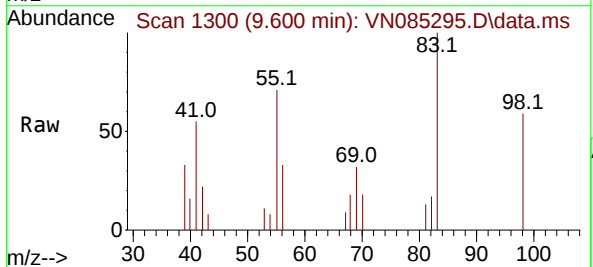


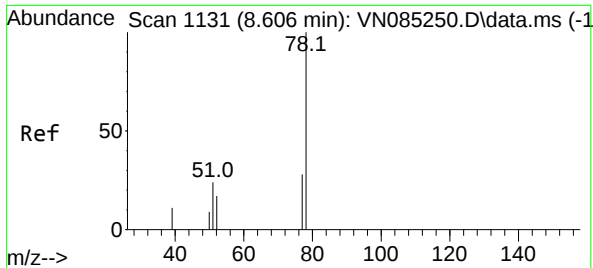
Tgt Ion:117 Resp: 23032
Ion Ratio Lower Upper
117 100
119 3.9 74.8 112.2#
121 0.0 24.2 36.4#



#39
Methylcyclohexane
Concen: 1.107 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

Tgt Ion: 83 Resp: 3992
Ion Ratio Lower Upper
83 100
55 71.0 66.8 100.2
98 59.0 39.4 59.2

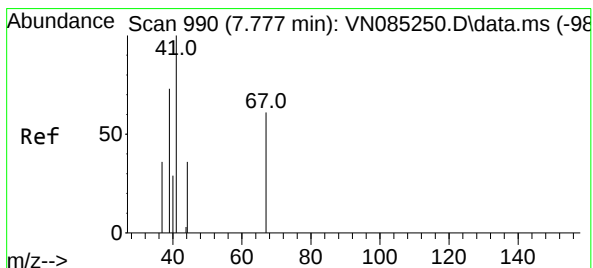
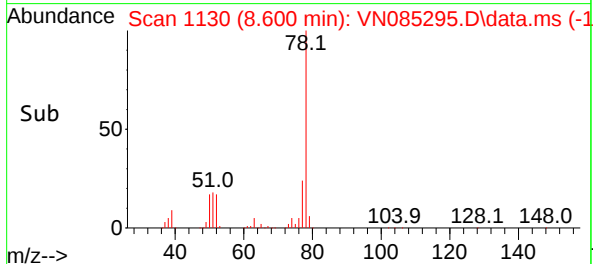
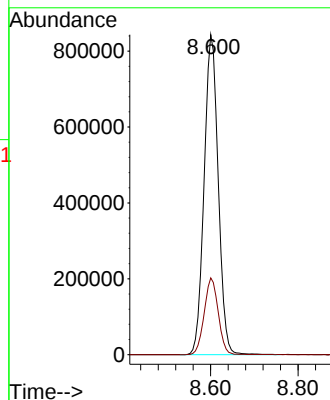
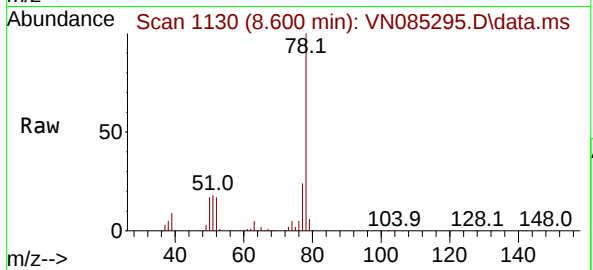




#40
Benzene
Concen: 175.816 ug/l
RT: 8.600 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

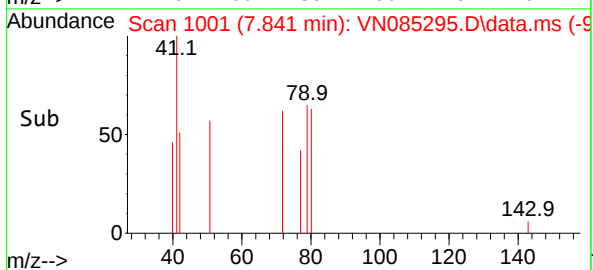
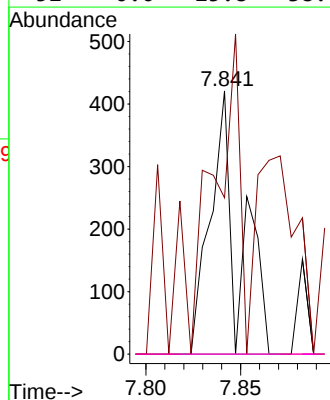
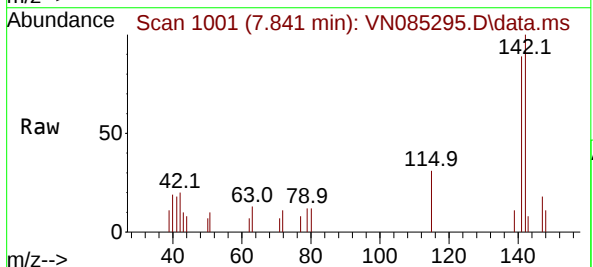
Instrument :
MSVOA_N
ClientSampleId :

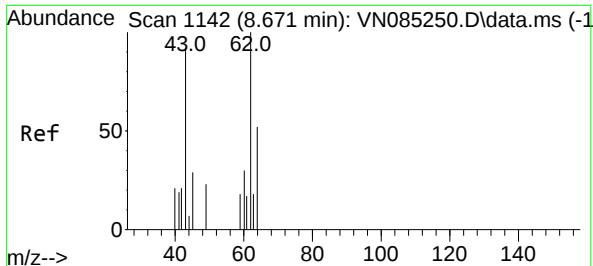
Tgt Ion: 78 Resp: 1895752
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3



#41
Methacrylonitrile
Concen: 0.218 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.065 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

Tgt Ion: 41 Resp: 444
Ion Ratio Lower Upper
41 100
39 106.5 44.0 66.0#
67 0.0 56.0 84.0#
52 0.0 25.8 38.6#





#42

1,2-Dichloroethane

Concen: 4.517 ug/l

RT: 8.600 min Scan# 1142

Delta R.T. -0.065 min

Lab File: VN085295.D

Acq: 23 Dec 2024 15:37

Instrument :

MSVOA_N

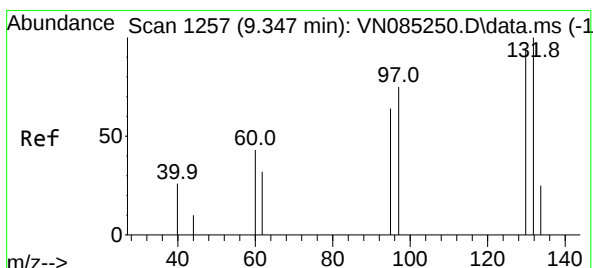
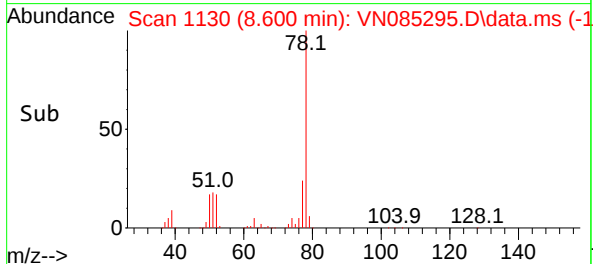
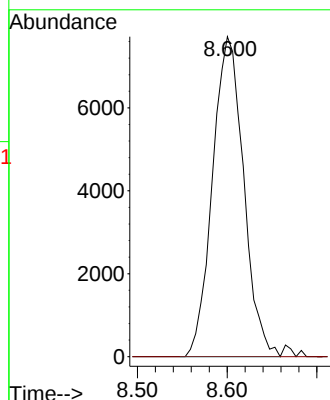
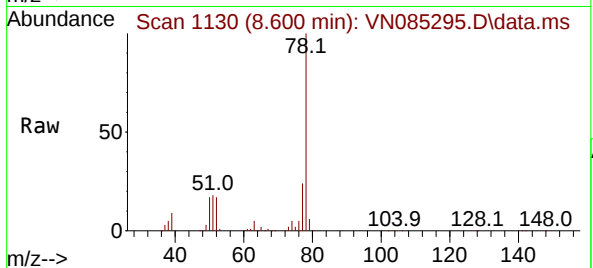
ClientSampleId :

Tgt Ion: 62 Resp: 18553

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.4



#44

Trichloroethene

Concen: 3.210 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. 0.000 min

Lab File: VN085295.D

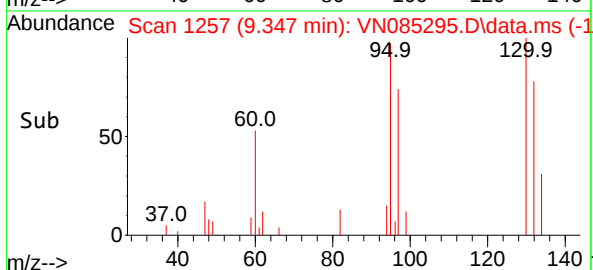
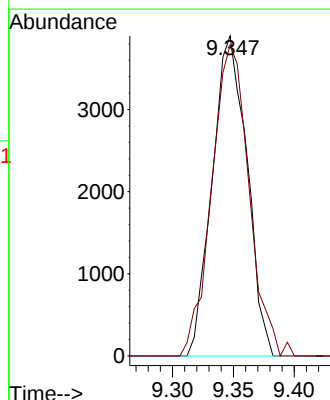
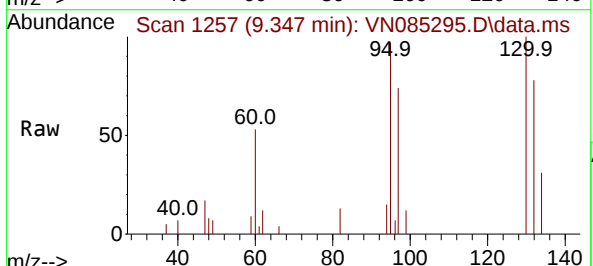
Acq: 23 Dec 2024 15:37

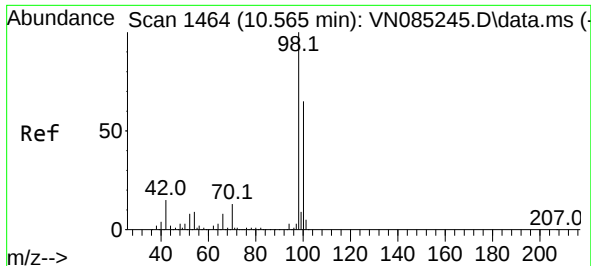
Tgt Ion:130 Resp: 7707

Ion Ratio Lower Upper

130 100

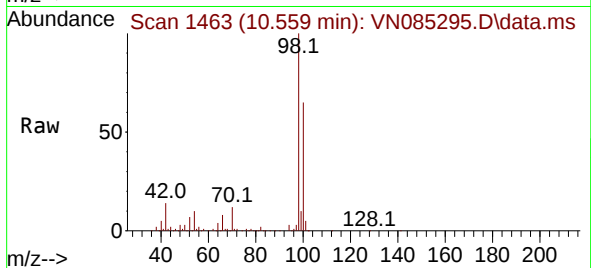
95 97.2 0.0 207.6



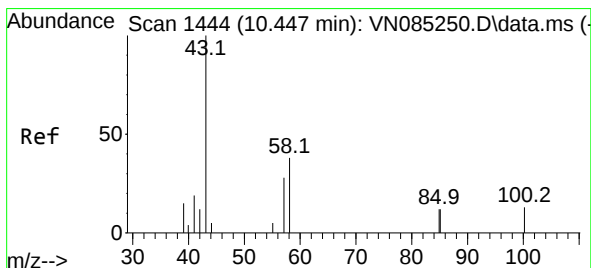
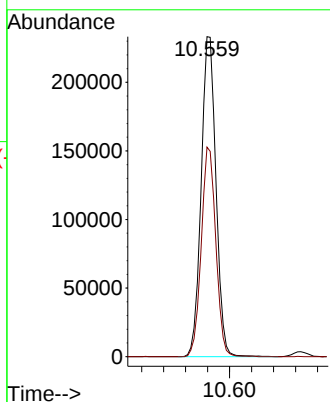
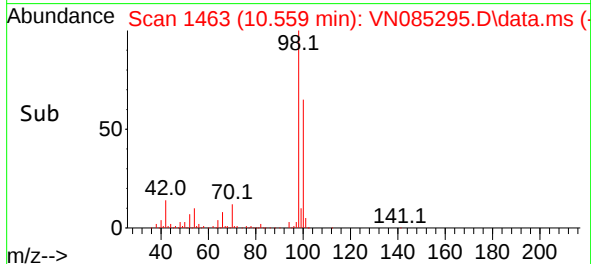


#50
Toluene-d8
Concen: 47.858 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. -0.006 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

Instrument :
MSVOA_N
ClientSampleId :

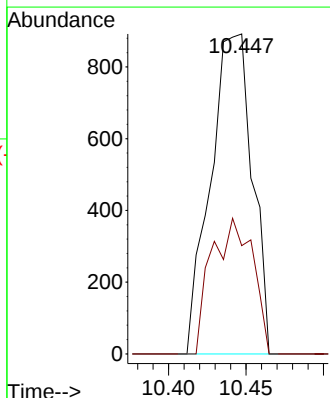
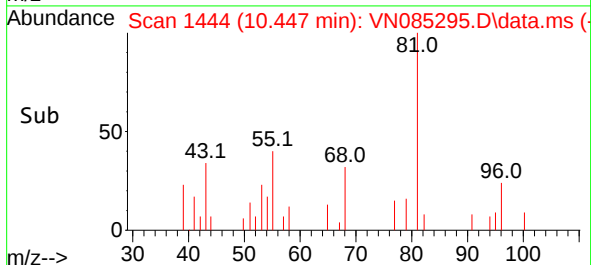
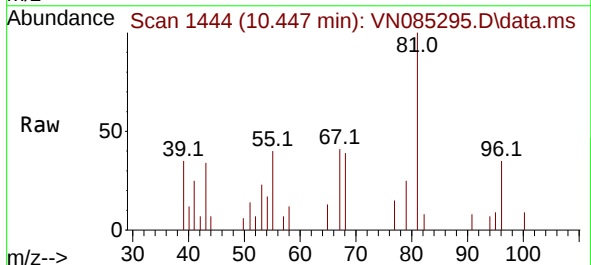


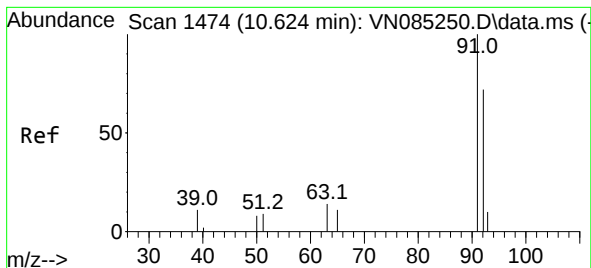
Tgt Ion: 98 Resp: 435397
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4



#51
4-Methyl-2-Pentanone
Concen: 0.435 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

Tgt Ion: 43 Resp: 1673
Ion Ratio Lower Upper
43 100
58 41.8 29.4 44.2





#52

Toluene

Concen: 283.494 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VN085295.D

Acq: 23 Dec 2024 15:37

Instrument :

MSVOA_N

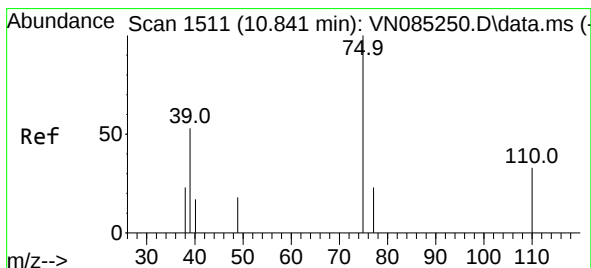
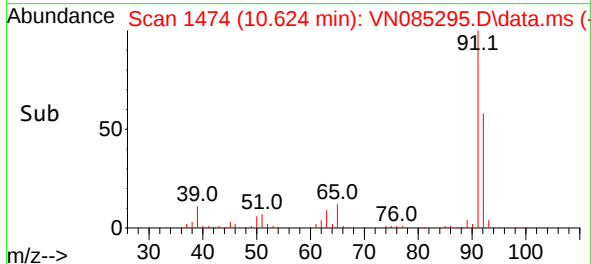
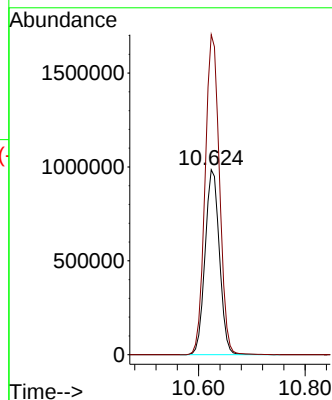
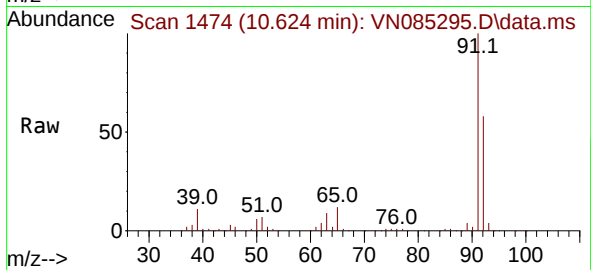
ClientSampleId :

Tgt Ion: 92 Resp: 1838013

Ion Ratio Lower Upper

92 100

91 173.5 138.9 208.3



#53

t-1,3-Dichloropropene

Concen: 5.889 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. -0.212 min

Lab File: VN085295.D

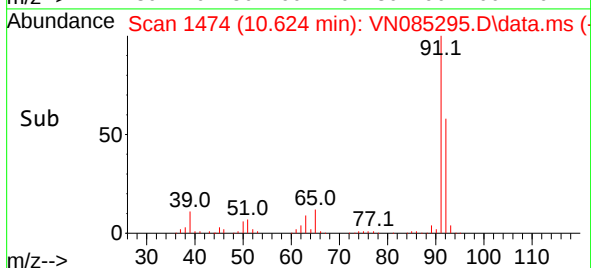
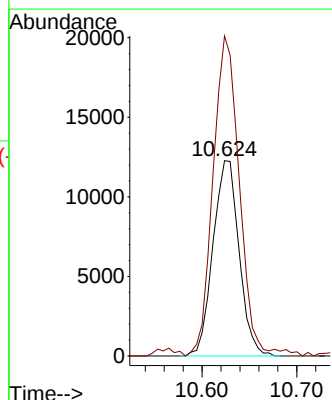
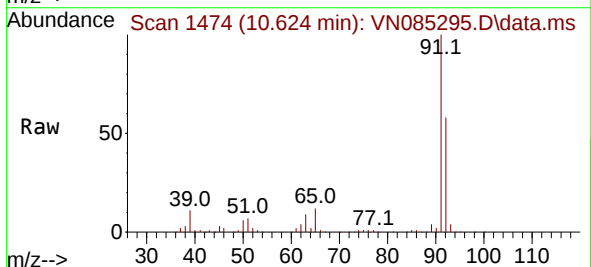
Acq: 23 Dec 2024 15:37

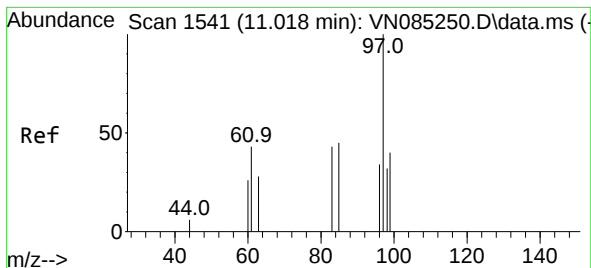
Tgt Ion: 75 Resp: 23439

Ion Ratio Lower Upper

75 100

77 161.5 25.4 38.0#





#55

1,1,2-Trichloroethane

Concen: 7.820 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. -0.135 min

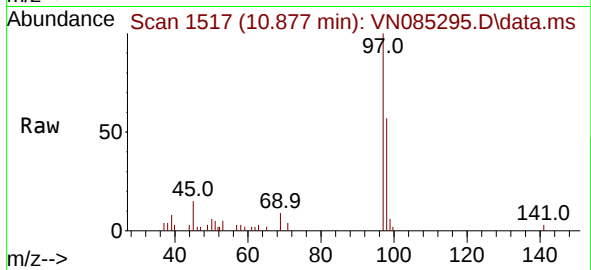
Lab File: VN085295.D

Acq: 23 Dec 2024 15:37

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 18985

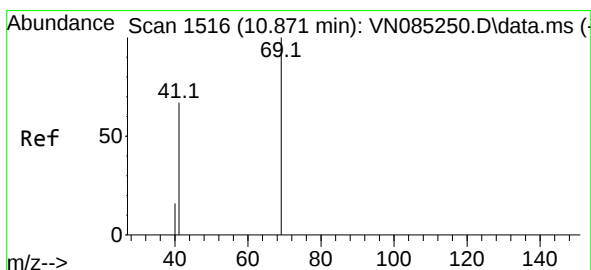
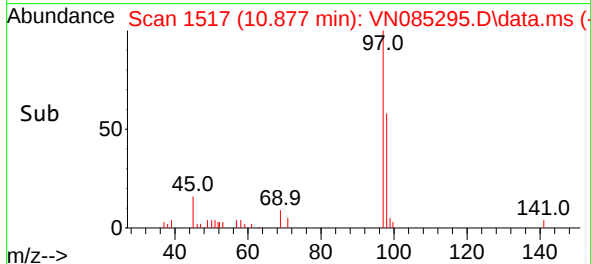
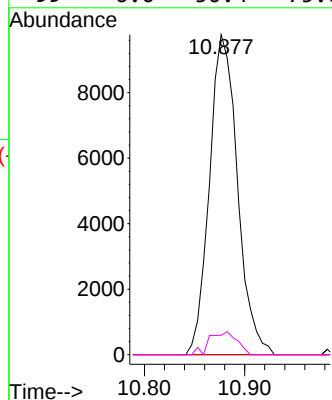
Ion Ratio Lower Upper

97 100

83 0.0 69.6 104.4#

85 0.0 45.7 68.5#

99 6.0 50.4 75.6#



#56

Ethyl methacrylate

Concen: 2.552 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VN085295.D

Acq: 23 Dec 2024 15:37

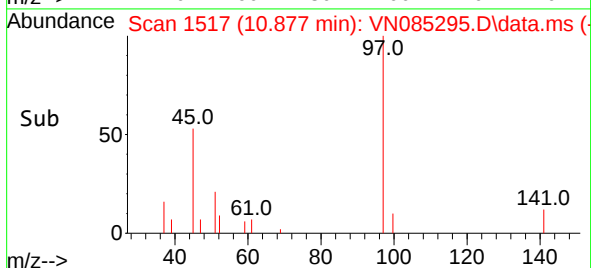
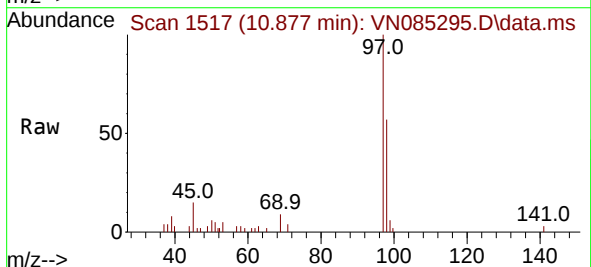
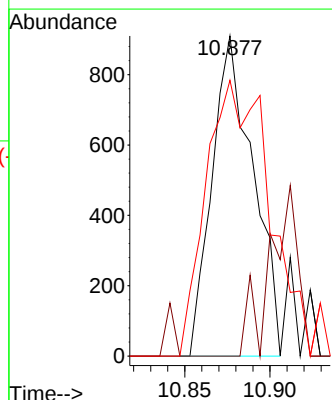
Tgt Ion: 69 Resp: 1526

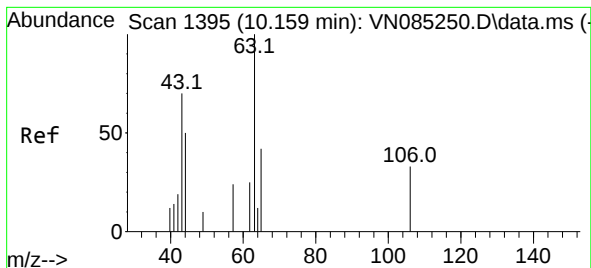
Ion Ratio Lower Upper

69 100

41 0.0 57.5 86.3#

39 0.0 33.4 50.2#

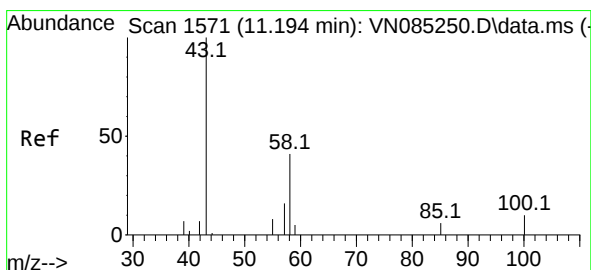
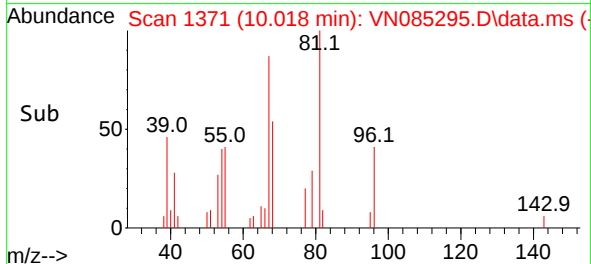
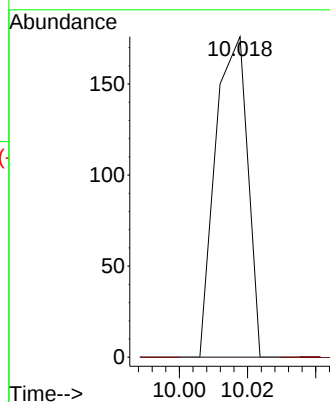
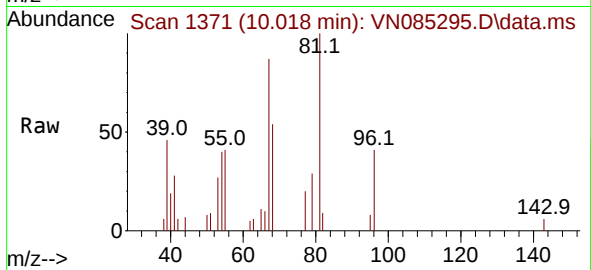




#58
2-Chloroethyl Vinyl ether
Concen: 15.539 ug/l
RT: 10.018 min Scan# 115
Delta R.T. -0.141 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

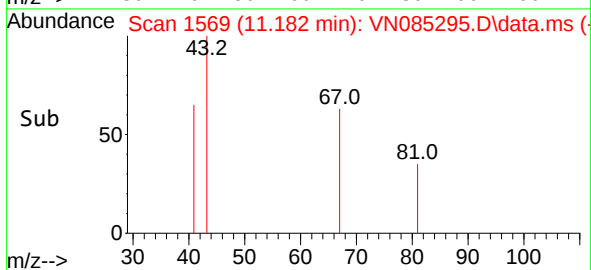
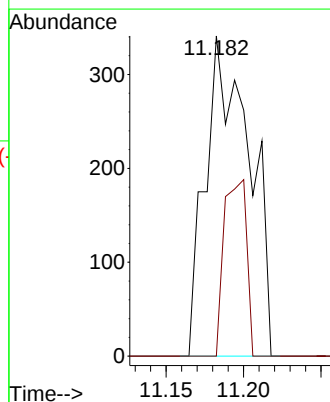
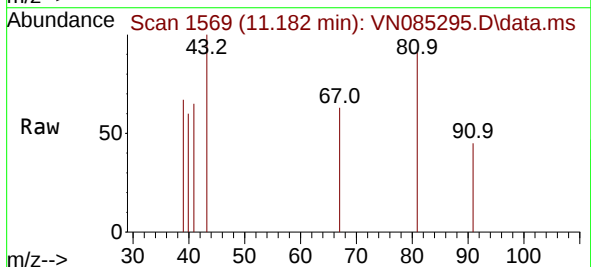
Instrument :
MSVOA_N
ClientSampleId :

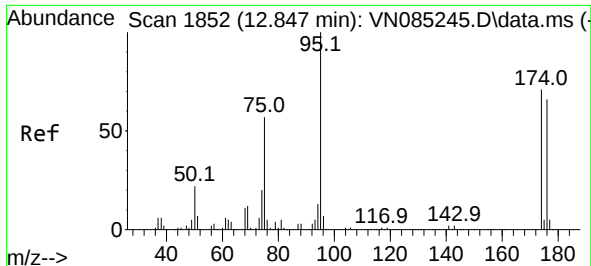
Tgt Ion: 63 Resp: 115
Ion Ratio Lower Upper
63 100
106 0.0 21.2 31.8#



#59
2-Hexanone
Concen: 0.244 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. -0.012 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

Tgt Ion: 43 Resp: 669
Ion Ratio Lower Upper
43 100
58 28.3 25.8 77.4





#62

4-Bromofluorobenzene

Concen: 52.088 ug/l

RT: 12.841 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN085295.D

Acq: 23 Dec 2024 15:37

Instrument :

MSVOA_N

ClientSampleId :

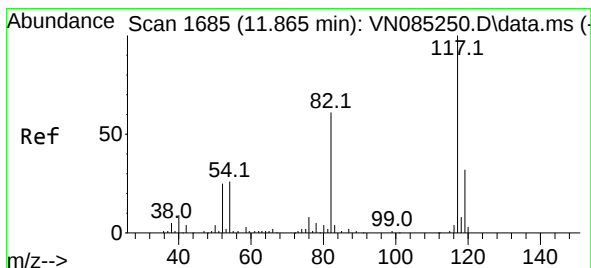
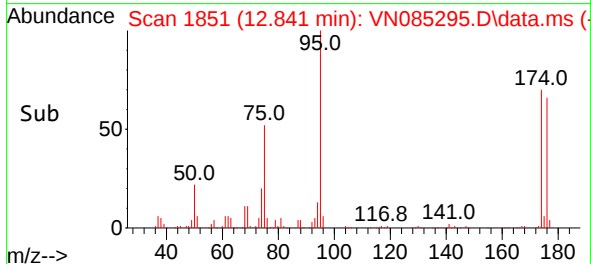
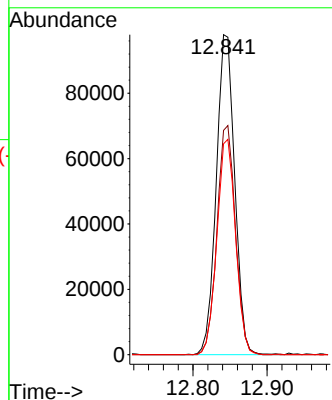
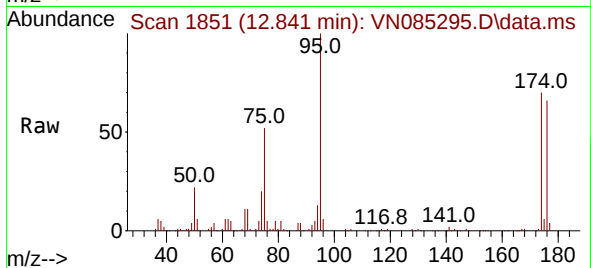
Tgt Ion: 95 Resp: 169258

Ion Ratio Lower Upper

95 100

174 71.8 0.0 144.4

176 68.0 0.0 136.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.859 min Scan# 1684

Delta R.T. -0.006 min

Lab File: VN085295.D

Acq: 23 Dec 2024 15:37

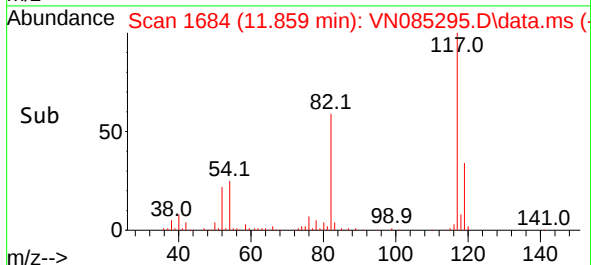
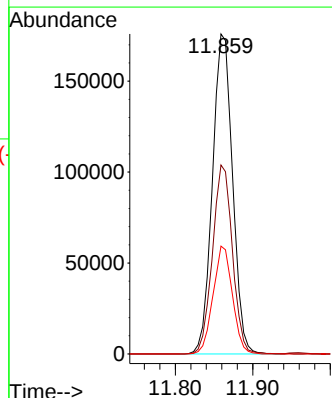
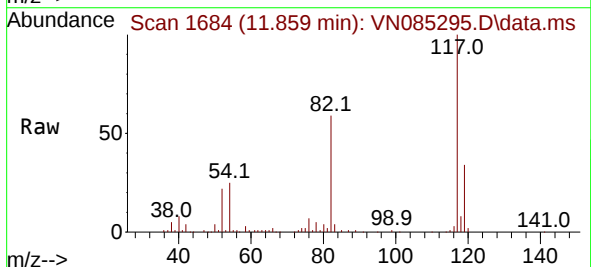
Tgt Ion: 117 Resp: 317295

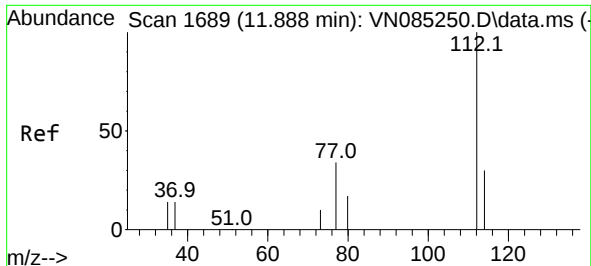
Ion Ratio Lower Upper

117 100

82 59.0 47.4 71.2

119 33.7 25.6 38.4

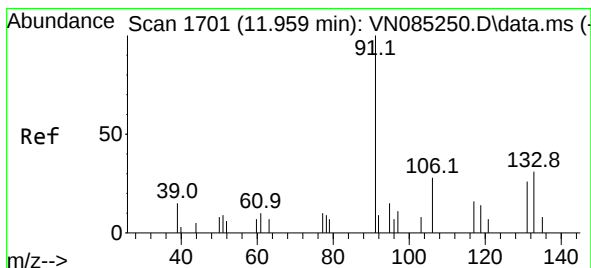
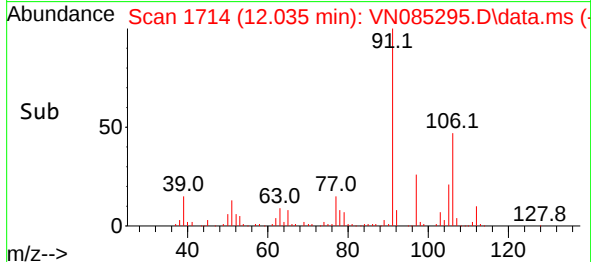
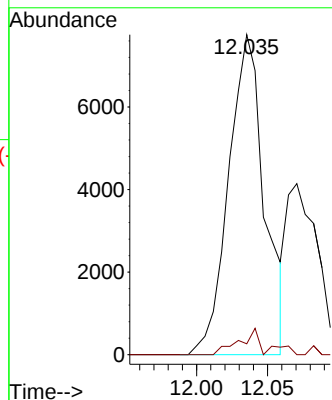
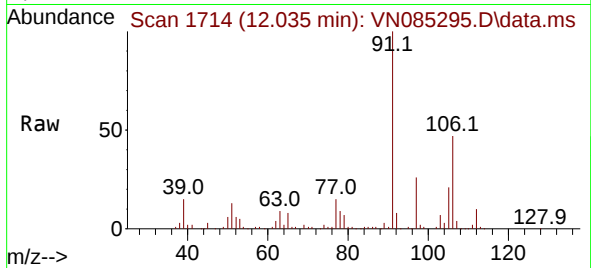




#65
Chlorobenzene
Concen: 1.898 ug/l
RT: 12.035 min Scan# 1714
Delta R.T. 0.147 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

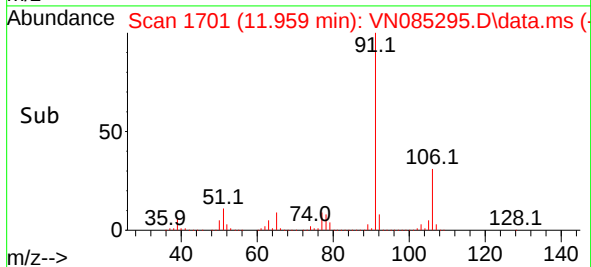
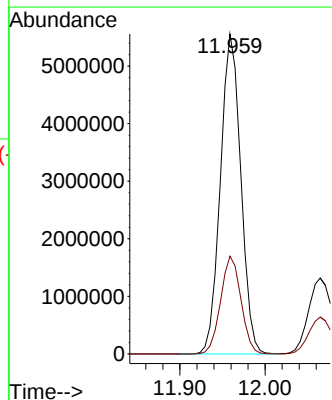
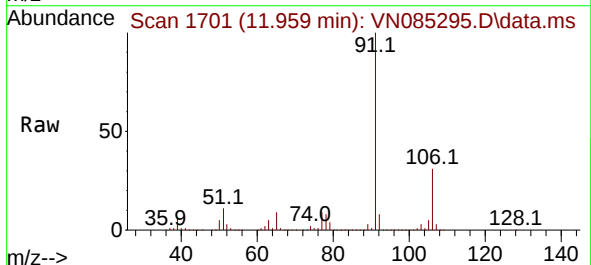
Instrument :
MSVOA_N
ClientSampleId :

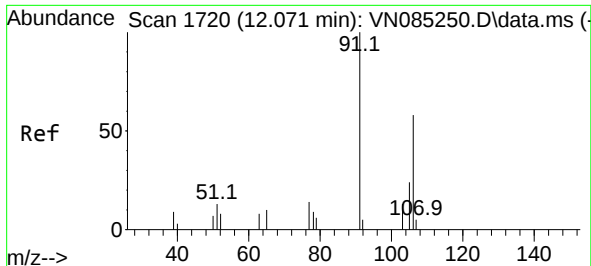
Tgt Ion:112 Resp: 13539
Ion Ratio Lower Upper
112 100
114 3.4 26.2 39.4#



#67
Ethyl Benzene
Concen: 758.213 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

Tgt Ion: 91 Resp: 9269155
Ion Ratio Lower Upper
91 100
106 30.5 23.5 35.3

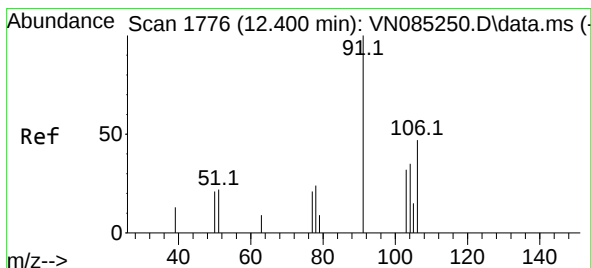
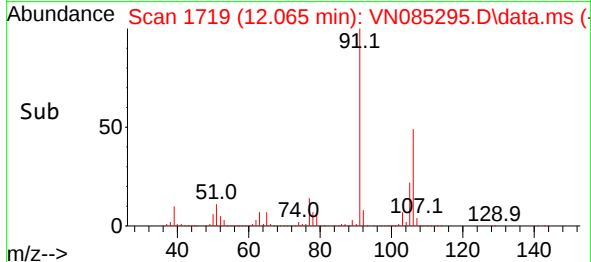
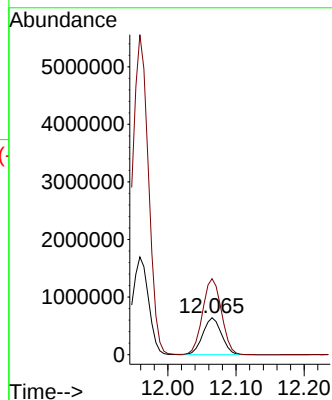
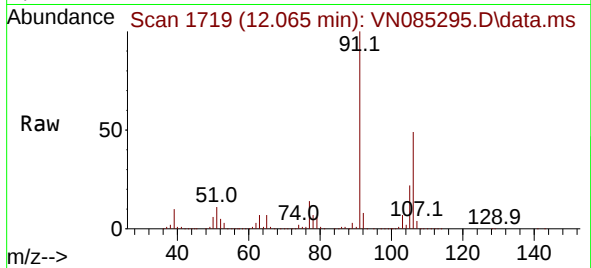




#68
m/p-Xylenes
Concen: 266.846 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

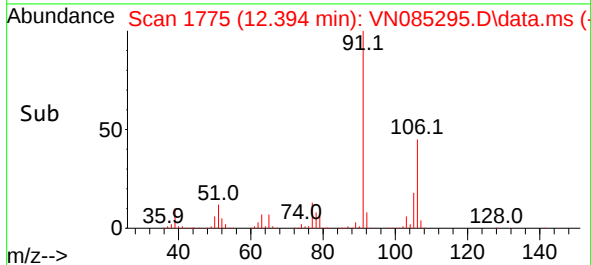
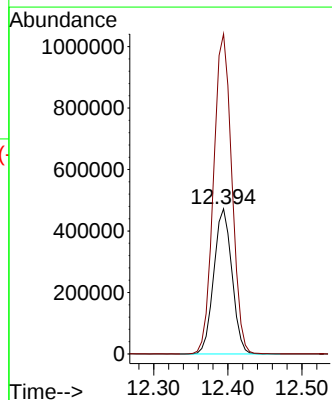
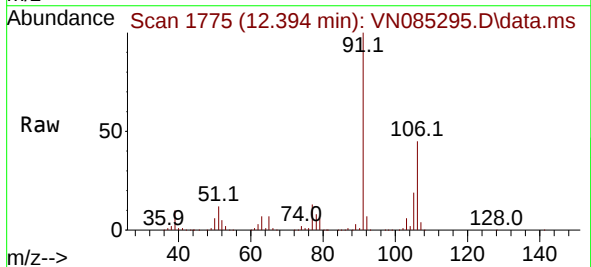
Instrument :
MSVOA_N
ClientSampleId :

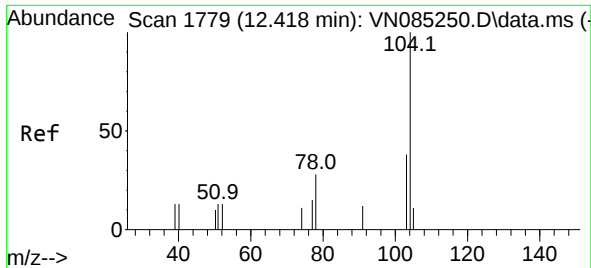
Tgt Ion:106 Resp: 1220084
Ion Ratio Lower Upper
106 100
91 208.4 168.3 252.5



#69
o-Xylene
Concen: 186.682 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

Tgt Ion:106 Resp: 802299
Ion Ratio Lower Upper
106 100
91 222.1 112.1 336.2





#70

Styrene

Concen: 6.329 ug/l

RT: 12.394 min Scan# 11

Delta R.T. -0.018 min

Lab File: VN085295.D

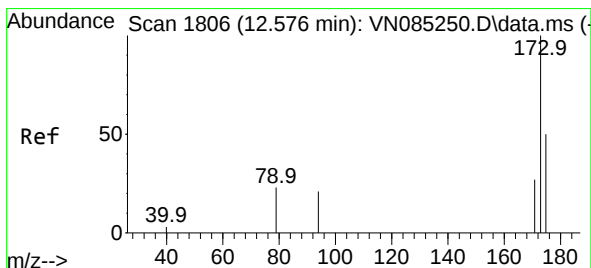
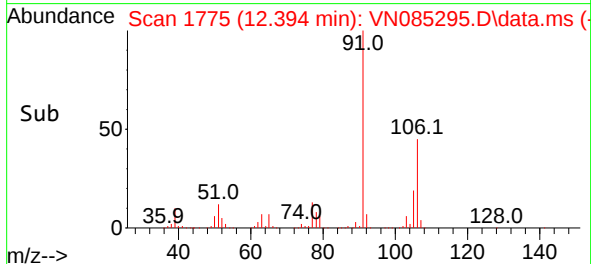
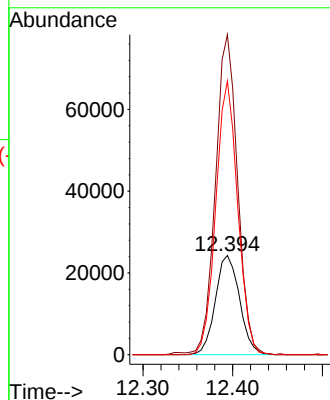
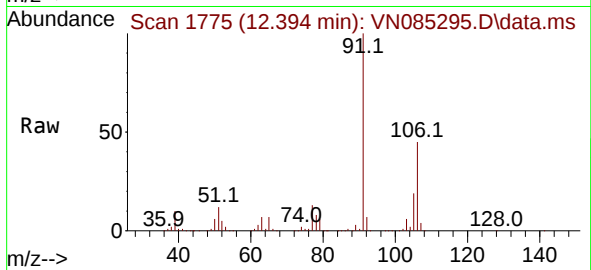
Acq: 23 Dec 2024 15:37

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:104	Resp:	45406
Ion Ratio	Lower	Upper
104	100	
78	295.6	43.2 64.8#
103	249.9	44.6 66.8#



#71

Bromoform

Concen: 0.358 ug/l

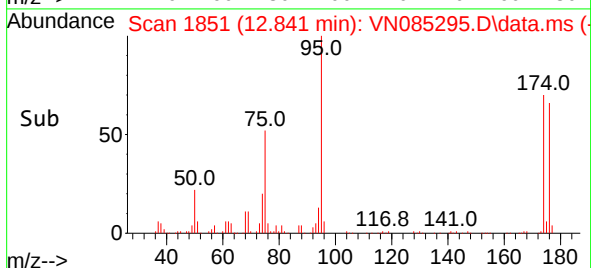
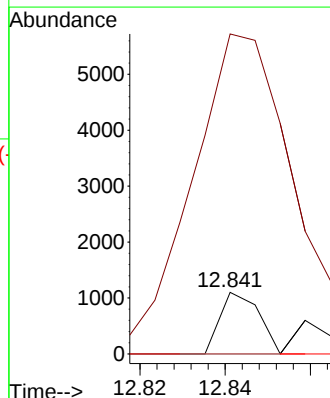
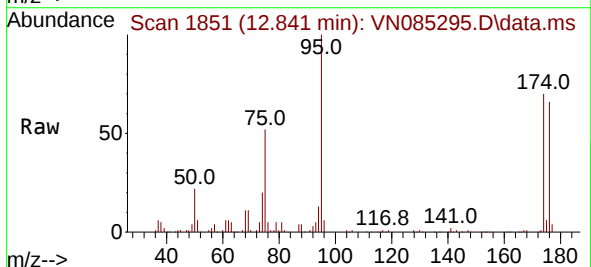
RT: 12.841 min Scan# 1851

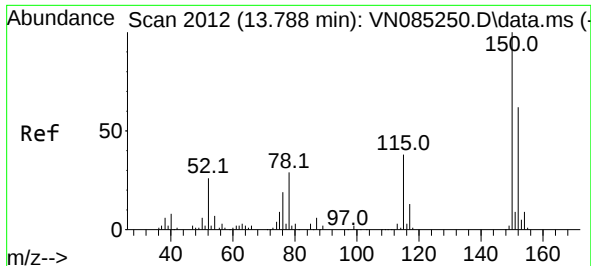
Delta R.T. 0.265 min

Lab File: VN085295.D

Acq: 23 Dec 2024 15:37

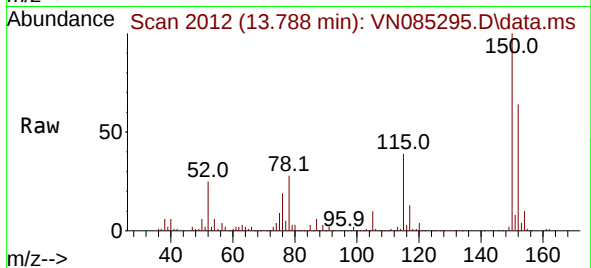
Tgt Ion:173	Resp:	699
Ion Ratio	Lower	Upper
173	100	
175	1161.7	24.5 73.5#
254	0.0	0.0 0.0



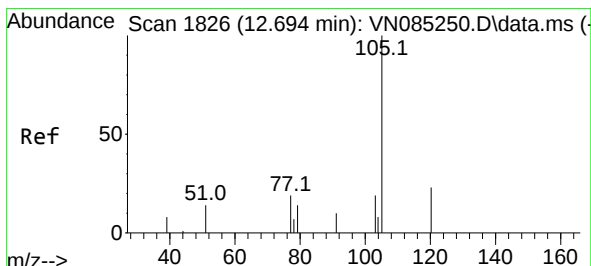
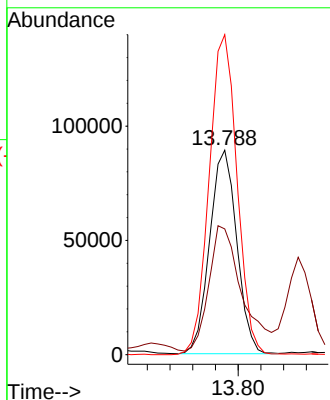
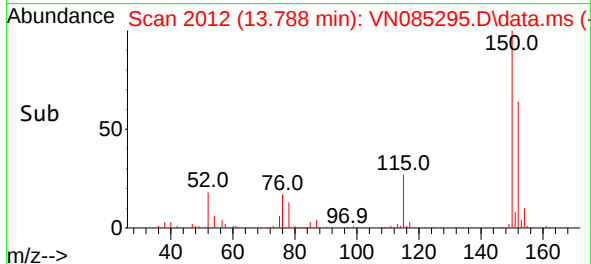


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

Instrument :
MSVOA_N
ClientSampleId :

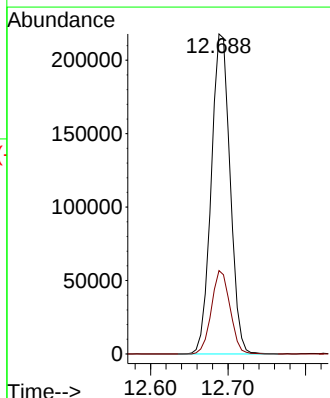
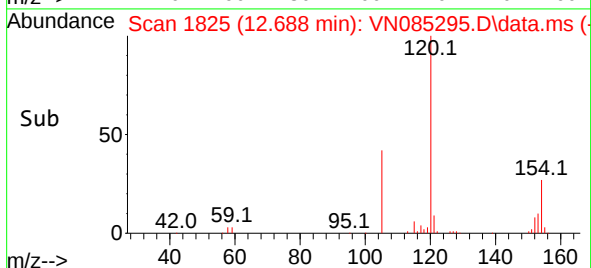
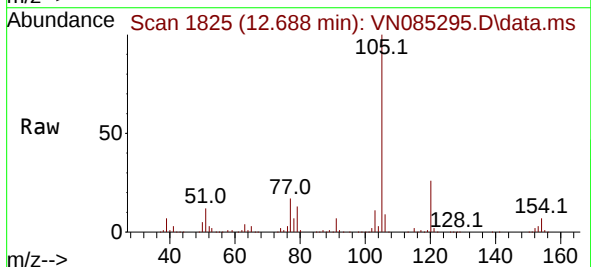


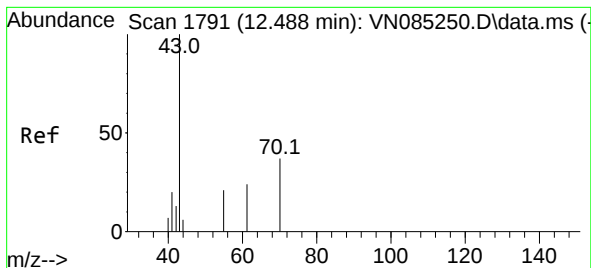
Tgt Ion:152 Resp: 147884
Ion Ratio Lower Upper
152 100
115 74.6 32.1 96.3
150 161.8 0.0 354.6



#73
Isopropylbenzene
Concen: 34.462 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. -0.006 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

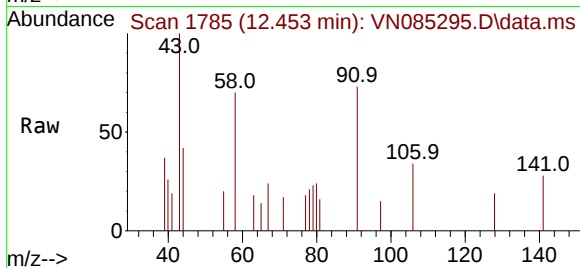
Tgt Ion:105 Resp: 367644
Ion Ratio Lower Upper
105 100
120 25.7 13.0 38.9



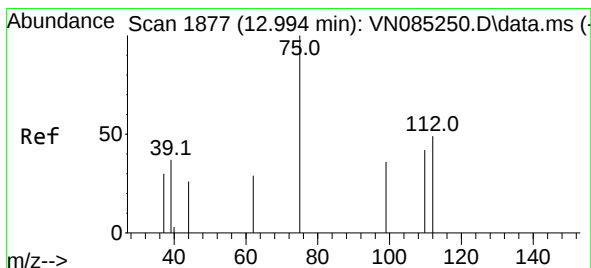
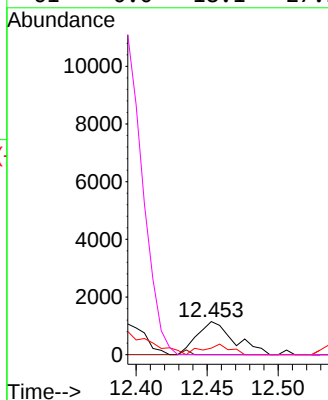
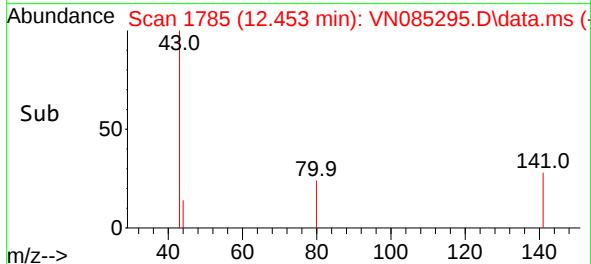


#74
N-amy1 acetate
Concen: 0.391 ug/l
RT: 12.453 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

Instrument :
MSVOA_N
ClientSampleId :

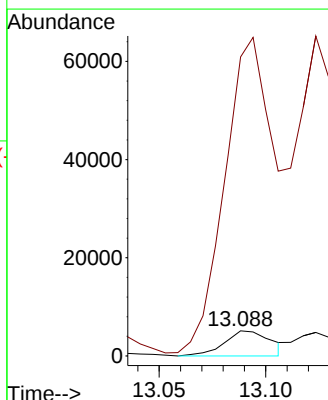
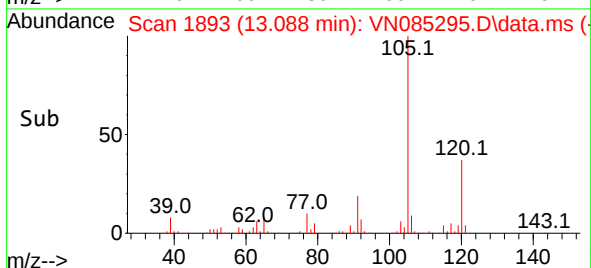
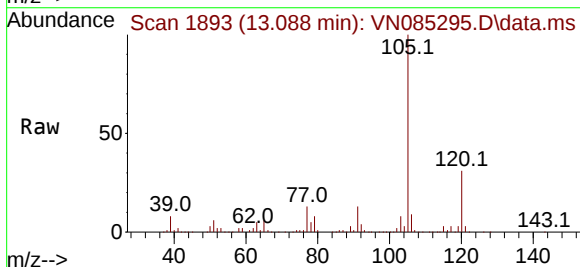


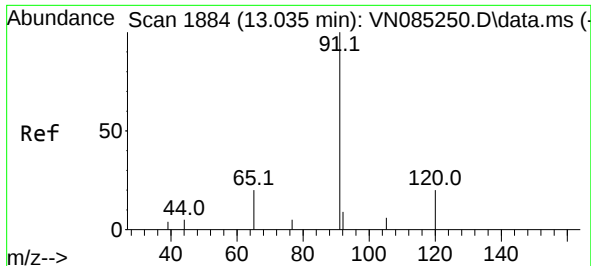
Tgt Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.5	47.3#
55	22.8	19.0	28.4
61	0.0	18.1	27.1#



#76
1,2,3-Trichloropropane
Concen: 2.193 ug/l
RT: 13.088 min Scan# 1893
Delta R.T. 0.094 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1300.2	102.6	307.7#

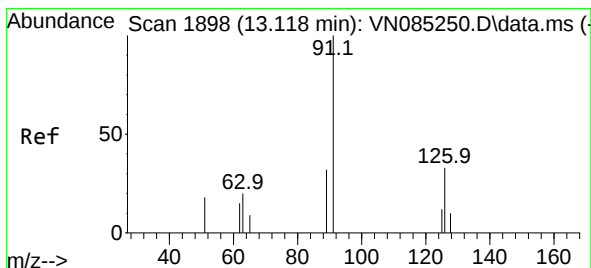
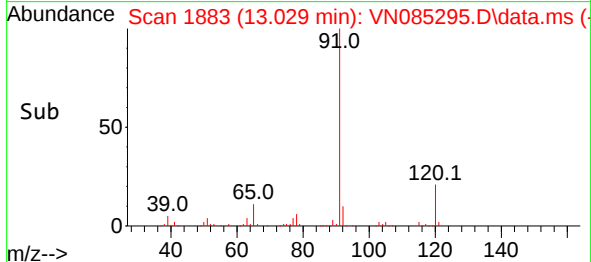
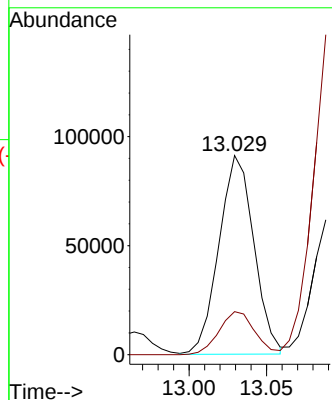
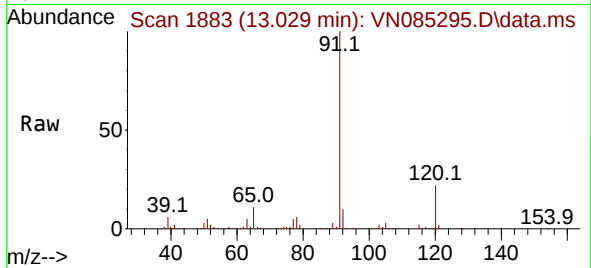




#78
n-propylbenzene
Concen: 10.923 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

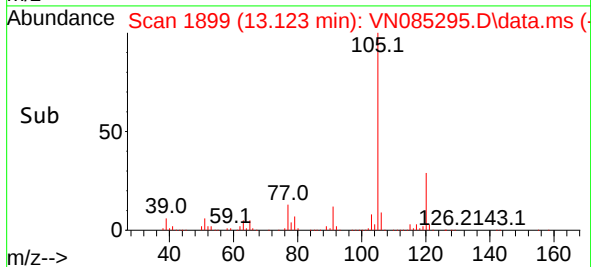
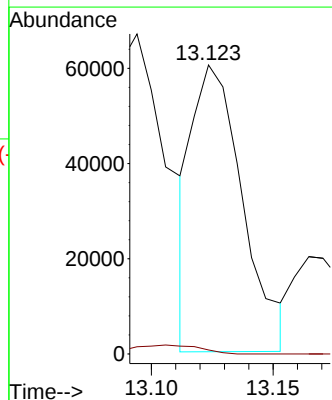
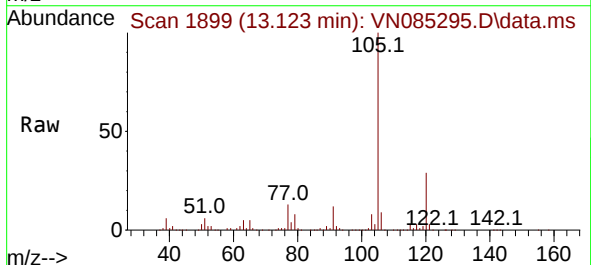
Instrument :
MSVOA_N
ClientSampleId :

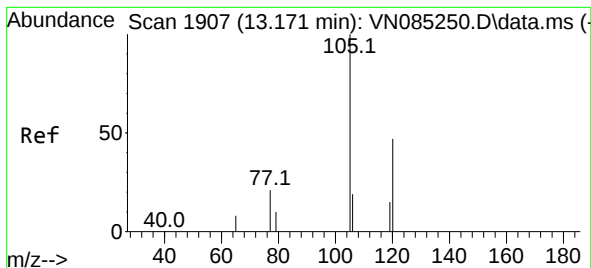
Tgt Ion: 91 Resp: 142911
Ion Ratio Lower Upper
91 100
120 22.4 10.8 32.3



#79
2-Chlorotoluene
Concen: 10.449 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

Tgt Ion: 91 Resp: 86801
Ion Ratio Lower Upper
91 100
126 0.0 15.2 45.5#





#80

1,3,5-Trimethylbenzene

Concen: 30.764 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN085295.D

Acq: 23 Dec 2024 15:37

Instrument :

MSVOA_N

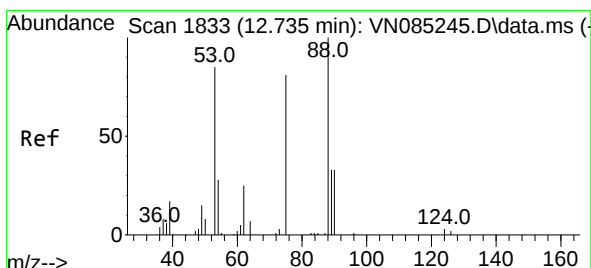
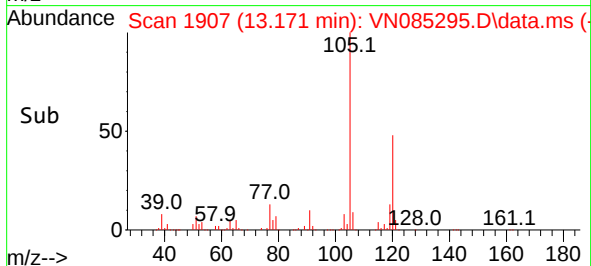
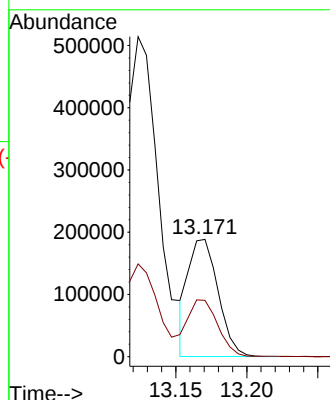
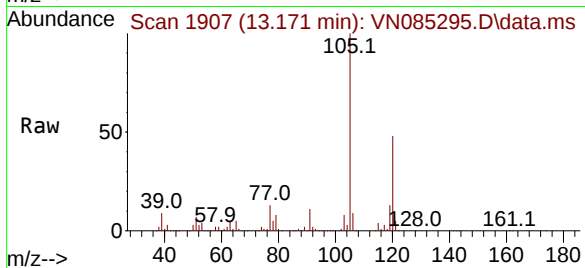
ClientSampleId :

Tgt Ion:105 Resp: 273738

Ion Ratio Lower Upper

105 100

120 51.9 23.4 70.2



#81

trans-1,4-Dichloro-2-butene

Concen: 5.984 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.035 min

Lab File: VN085295.D

Acq: 23 Dec 2024 15:37

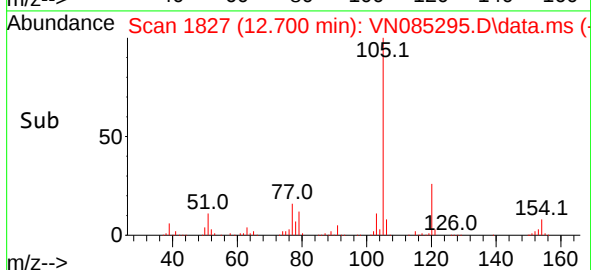
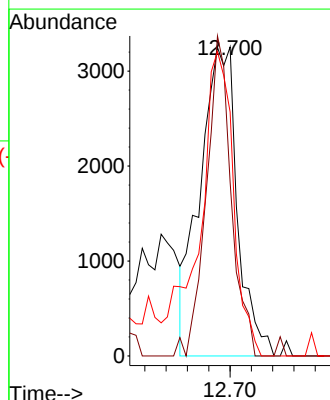
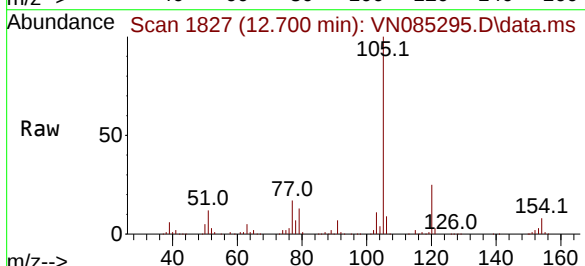
Tgt Ion: 75 Resp: 7944

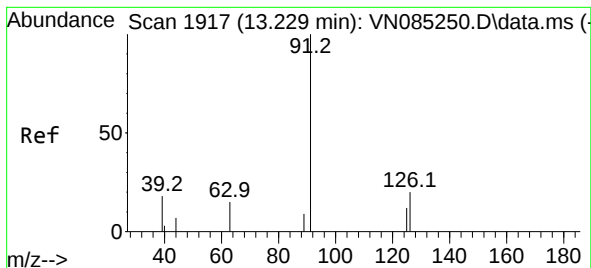
Ion Ratio Lower Upper

75 100

53 68.9 84.9 127.3#

89 89.3 37.9 56.9#





#82

4-Chlorotoluene

Concen: 3.513 ug/l

RT: 13.165 min Scan# 1906

Delta R.T. -0.053 min

Lab File: VN085295.D

Acq: 23 Dec 2024 15:37

Instrument :

MSVOA_N

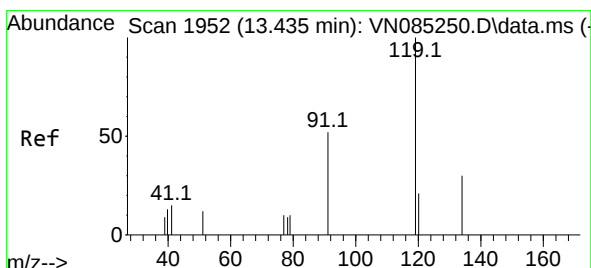
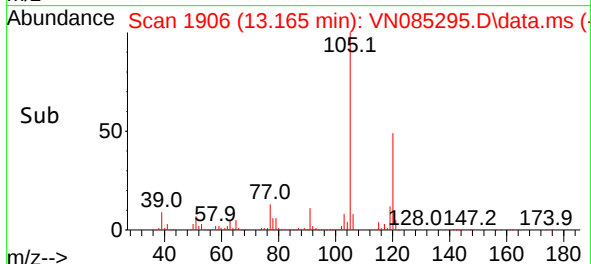
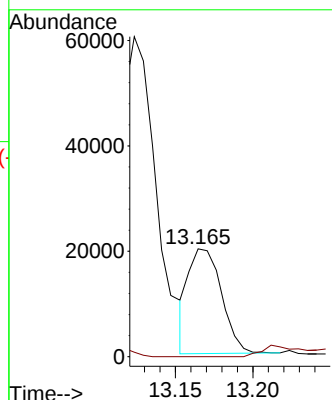
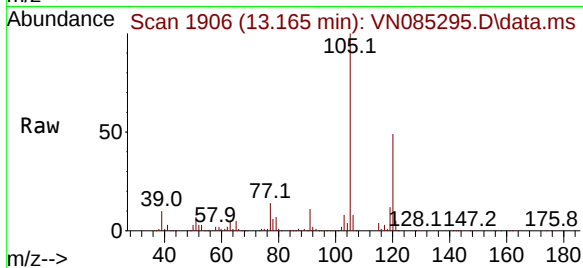
ClientSampleId :

Tgt Ion: 91 Resp: 29527

Ion Ratio Lower Upper

91 100

126 0.0 15.6 46.8#



#83

tert-Butylbenzene

Concen: 17.857 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. 0.041 min

Lab File: VN085295.D

Acq: 23 Dec 2024 15:37

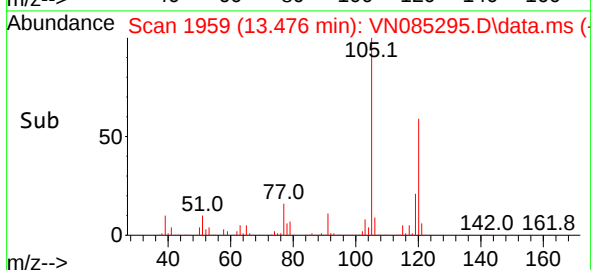
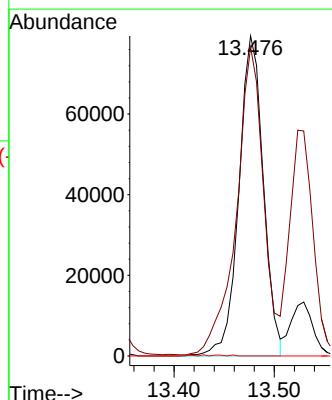
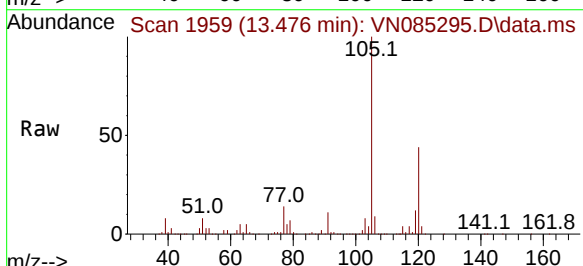
Tgt Ion: 119 Resp: 134753

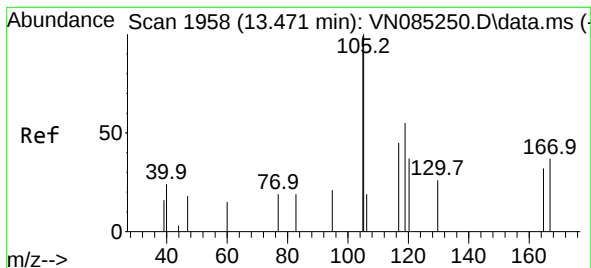
Ion Ratio Lower Upper

119 100

91 106.9 36.3 108.7

134 0.0 12.2 36.6#





#84

1,2,4-Trimethylbenzene

Concen: 120.020 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.006 min

Lab File: VN085295.D

Acq: 23 Dec 2024 15:37

Instrument :

MSVOA_N

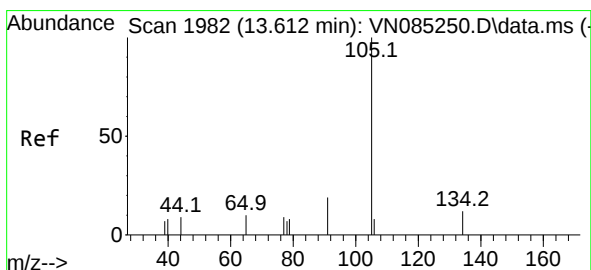
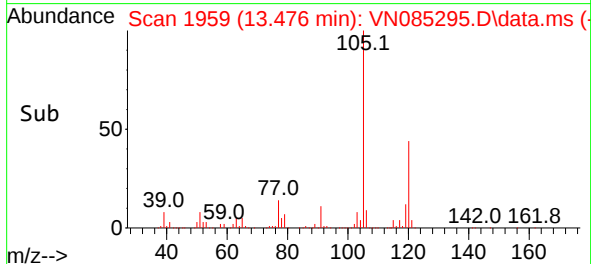
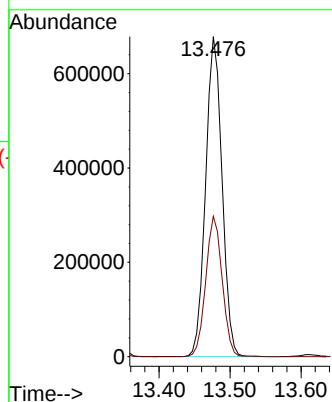
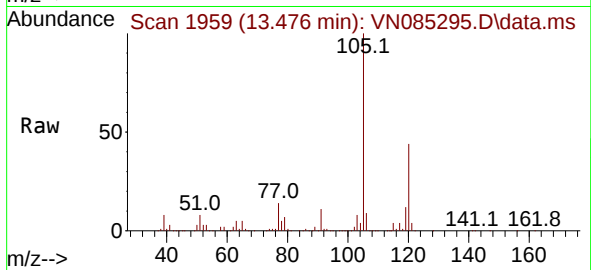
ClientSampleId :

Tgt Ion:105 Resp: 1091643

Ion Ratio Lower Upper

105 100

120 44.0 21.8 65.3



#85

sec-Butylbenzene

Concen: 103.763 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.135 min

Lab File: VN085295.D

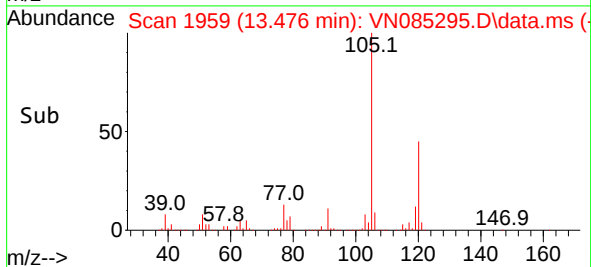
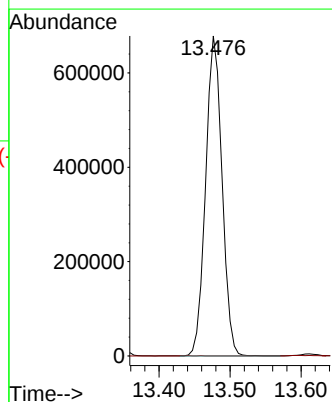
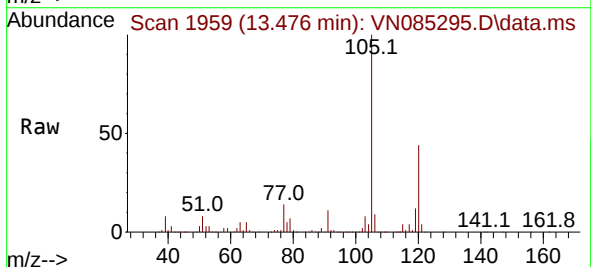
Acq: 23 Dec 2024 15:37

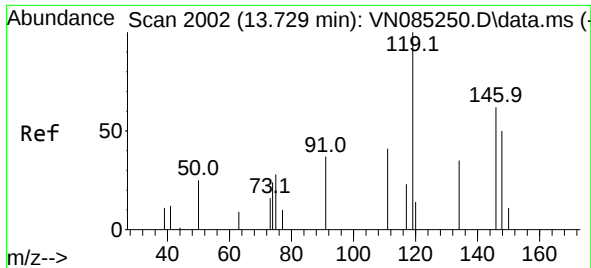
Tgt Ion:105 Resp: 1091643

Ion Ratio Lower Upper

105 100

134 0.0 9.4 28.3#

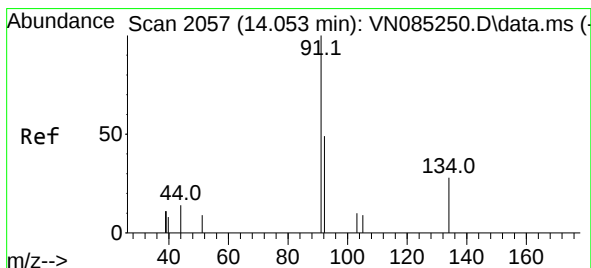
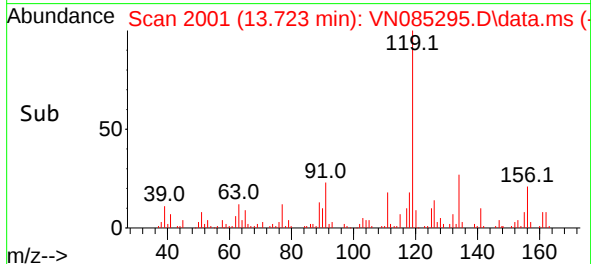
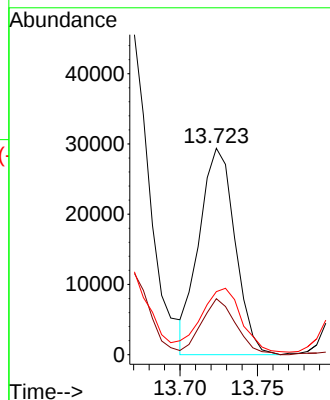
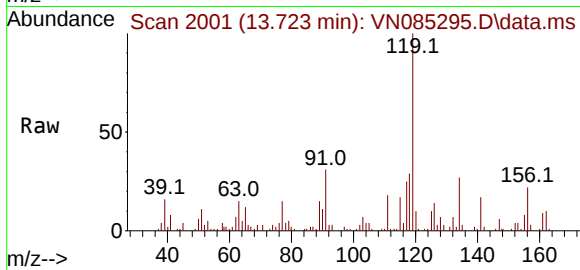




#86
p-Isopropyltoluene
Concen: 6.417 ug/l
RT: 13.723 min Scan# 2002
Delta R.T. -0.006 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

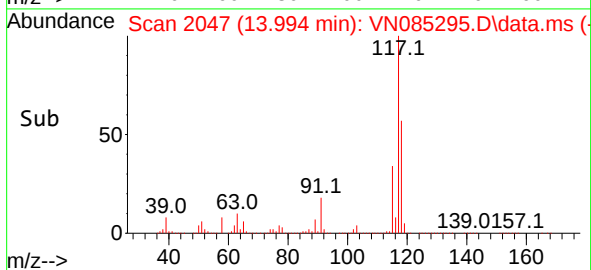
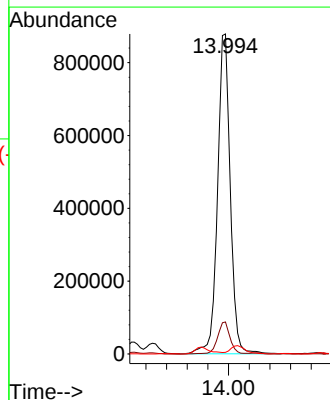
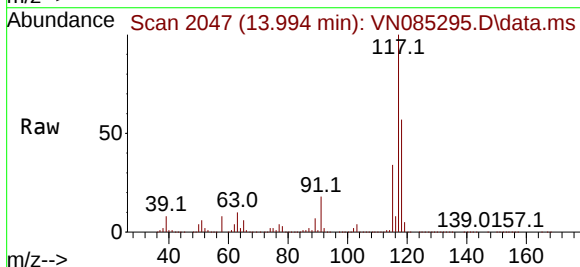
Instrument :
MSVOA_N
ClientSampleId :

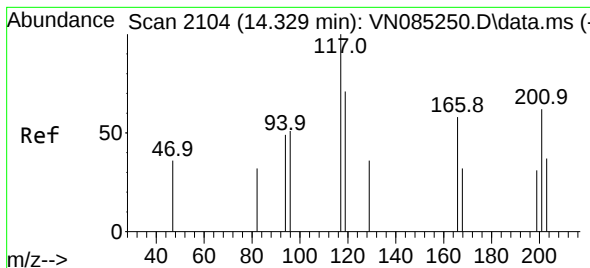
Tgt Ion:119 Resp: 47347
Ion Ratio Lower Upper
119 100
134 26.1 12.5 37.5
91 0.0 13.0 38.9#



#89
n-Butylbenzene
Concen: 193.766 ug/l
RT: 13.994 min Scan# 2047
Delta R.T. -0.059 min
Lab File: VN085295.D
Acq: 23 Dec 2024 15:37

Tgt Ion: 91 Resp: 1499141
Ion Ratio Lower Upper
91 100
92 9.8 25.8 77.3#
134 0.0 12.0 36.0#





#90

Hexachloroethane

Concen: 12.439 ug/l

RT: 14.323 min Scan# 2103

Delta R.T. -0.012 min

Lab File: VN085295.D

Acq: 23 Dec 2024 15:37

Instrument :

MSVOA_N

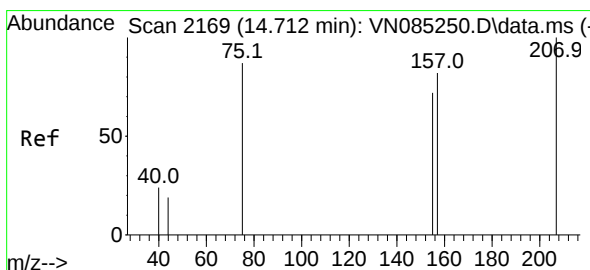
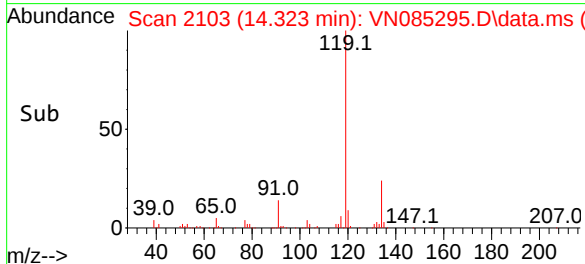
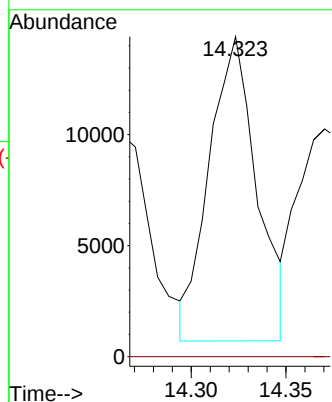
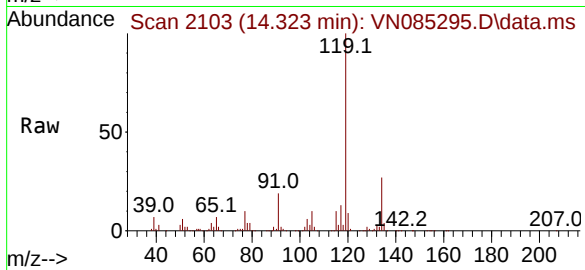
ClientSampleId :

Tgt Ion:117 Resp: 24041

Ion Ratio Lower Upper

117 100

201 0.0 31.9 95.7#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.938 ug/l

RT: 14.694 min Scan# 2166

Delta R.T. -0.024 min

Lab File: VN085295.D

Acq: 23 Dec 2024 15:37

Tgt Ion: 75 Resp: 1413

Ion Ratio Lower Upper

75 100

155 0.0 35.4 106.2#

157 0.0 43.3 129.9#

