

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010925\
 Data File : VN085413.D
 Acq On : 09 Jan 2025 16:50
 Operator : JC\MD
 Sample : Q1049-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 10 00:24:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.212	168	250250	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	438371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	423863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	175406	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	164405	46.061	ug/l	-0.01
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.120%
35) Dibromofluoromethane	8.153	113	126702	46.330	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.660%
50) Toluene-d8	10.559	98	556189	55.422	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	110.840%
62) 4-Bromofluorobenzene	12.847	95	200362	60.117	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	120.240%

Target Compounds						Qvalue
3) Chloromethane	2.318	50	1321	0.347	ug/l #	83
5) Bromomethane	2.965	94	848	0.322	ug/l #	71
10) Methyl Iodide	4.583	142	1307	0.375	ug/l #	91
11) Tert butyl alcohol	5.489	59	17827	39.886	ug/l	99
13) Acrolein	4.177	56	7961	11.425	ug/l	88
16) Acetone	4.400	43	205082	174.735	ug/l	98
17) Carbon Disulfide	4.706	76	7702	0.910	ug/l	96
18) Methyl Acetate	5.024	43	7028	1.956	ug/l	94
23) Vinyl Acetate	6.618	43	28713	4.138	ug/l	99
25) 2-Butanone	7.465	43	153689	84.406	ug/l	98
29) Tetrahydrofuran	7.824	42	460	0.392	ug/l #	33
31) Cyclohexane	8.235	56	22338	4.234	ug/l #	85
36) 1,1-Dichloropropene	8.377	75	5481	1.369	ug/l #	43
37) Ethyl Acetate	7.565	43	42063	10.569	ug/l #	1
38) Carbon Tetrachloride	8.212	117	27373	6.272	ug/l #	16
39) Methylcyclohexane	9.594	83	28791	6.930	ug/l	98
40) Benzene	8.594	78	1383264	114.259	ug/l	100
41) Methacrylonitrile	7.777	41	2682	1.316	ug/l #	34
42) 1,2-Dichloroethane	8.594	62	12648	2.914	ug/l #	76
43) Isopropyl Acetate	8.794	43	12076	1.843	ug/l #	55
48) Methyl methacrylate	9.594	41	12755	4.486	ug/l #	78
51) 4-Methyl-2-Pentanone	10.441	43	5982	1.624	ug/l	97
52) Toluene	10.624	92	1513667	209.983	ug/l	98
53) t-1,3-Dichloropropene	10.741	75	1321	0.302	ug/l #	84
55) 1,1,2-Trichloroethane	11.000	97	3442	1.265	ug/l #	19
59) 2-Hexanone	11.171	43	7991	3.127	ug/l #	46
66) 1,1,1,2-Tetrachloroethane	11.971	131	2796	0.910	ug/l #	8
67) Ethyl Benzene	11.959	91	584212	38.352	ug/l	99
68) m/p-Xylenes	12.065	106	975923	175.066	ug/l	100
69) o-Xylene	12.394	106	509985	94.570	ug/l	98
70) Styrene	12.406	104	169327	19.374	ug/l #	57
73) Isopropylbenzene	12.688	105	78662	6.236	ug/l	100
74) N-amyl acetate	12.476	43	10934	2.025	ug/l #	63
76) 1,2,3-Trichloropropane	13.094	75	3648	1.114	ug/l #	1
78) n-propylbenzene	13.029	91	115521	7.857	ug/l	100
79) 2-Chlorotoluene	13.094	91	54849	5.927	ug/l #	43

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 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

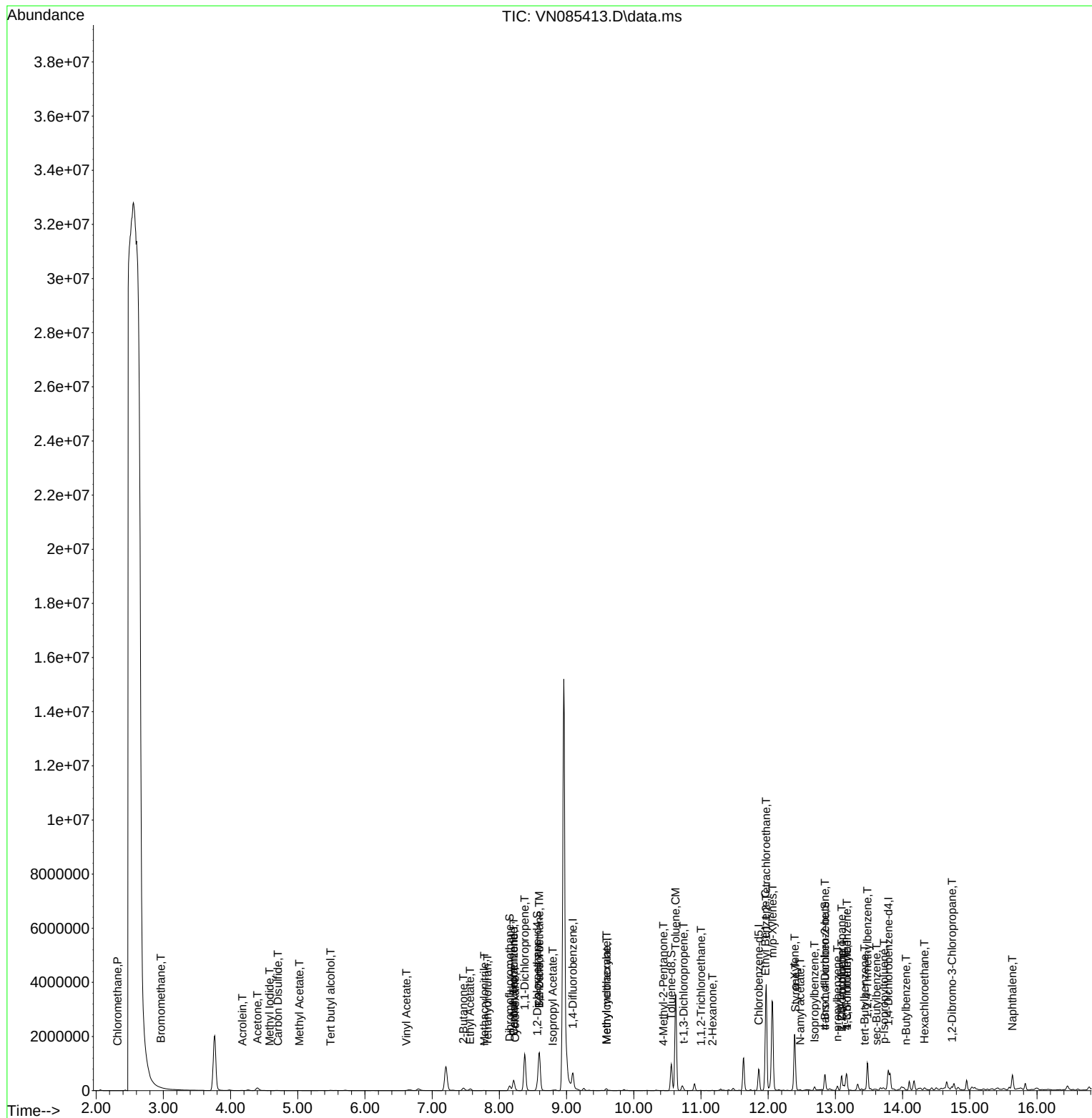
80) 1,3,5-Trimethylbenzene	13.170	105	270800	26.542	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.847	75	109035	79.719	ug/l #	11
82) 4-Chlorotoluene	13.170	91	30876	3.313	ug/l #	42
83) tert-Butylbenzene	13.435	119	9022	1.021	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	562375	55.356	ug/l	98
85) sec-Butylbenzene	13.612	105	17754	1.447	ug/l #	47
86) p-Isopropyltoluene	13.723	119	26233	2.714	ug/l	97
89) n-Butylbenzene	14.053	91	11082	1.234	ug/l #	84
90) Hexachloroethane	14.323	117	3730	1.855	ug/l #	20
92) 1,2-Dibromo-3-Chloropr...	14.735	75	3457	4.835	ug/l #	8
95) Naphthalene	15.635	128	495202	54.220	ug/l	99

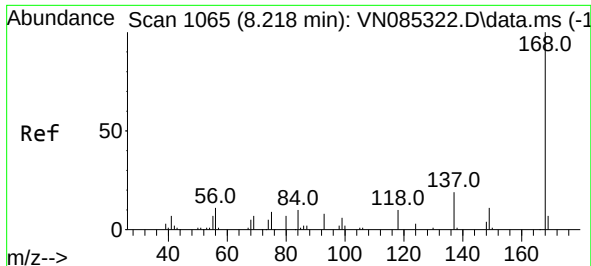
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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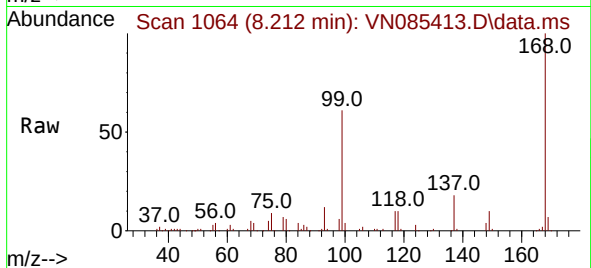
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:36:16 2024
Response via : Initial Calibration



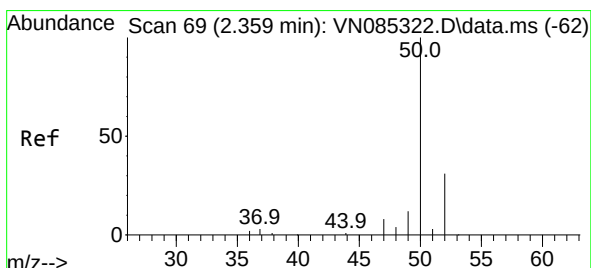
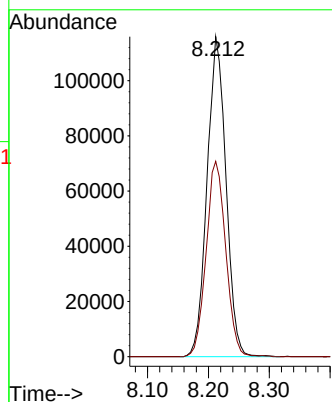
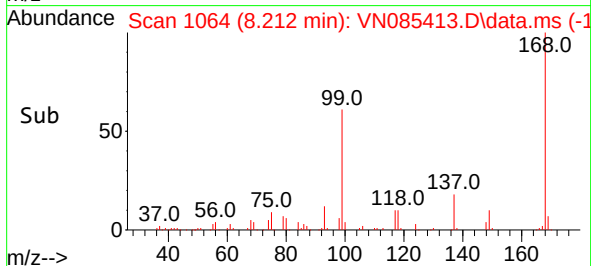


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

Instrument :
MSVOA_N
ClientSampleId :

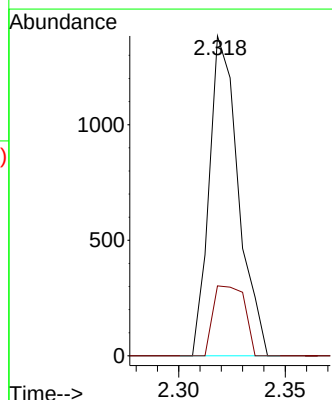
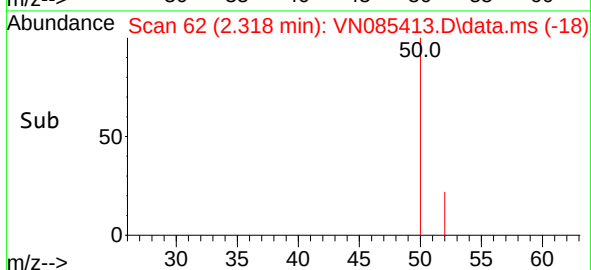
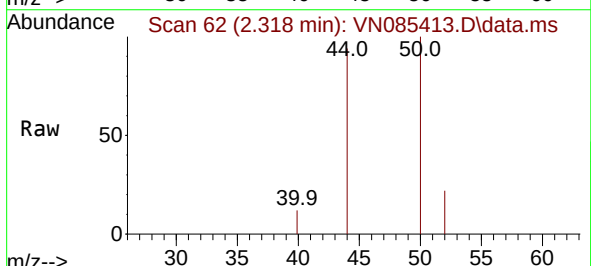


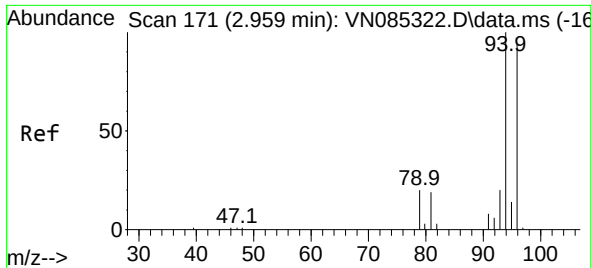
Tgt Ion:168 Resp: 250250
Ion Ratio Lower Upper
168 100
99 61.0 51.0 76.4



#3
Chloromethane
Concen: 0.347 ug/l
RT: 2.318 min Scan# 62
Delta R.T. -0.041 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

Tgt Ion: 50 Resp: 1321
Ion Ratio Lower Upper
50 100
52 21.9 25.1 37.7#

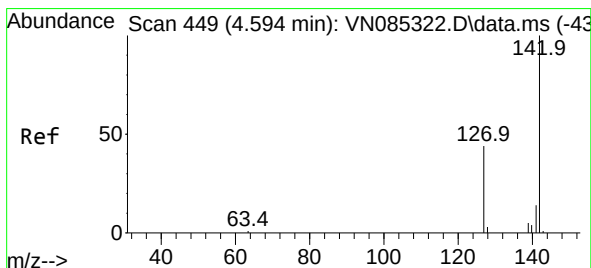
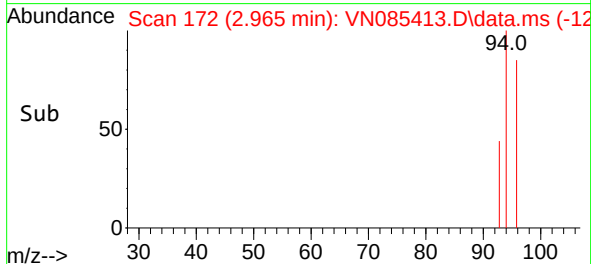
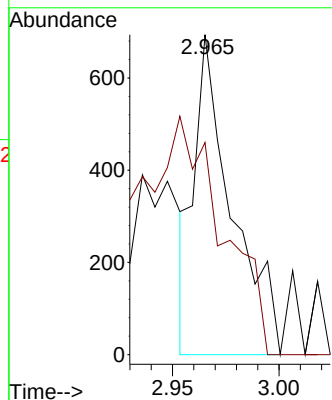
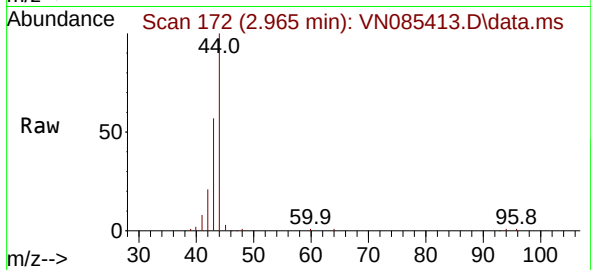




#5
Bromomethane
Concen: 0.322 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

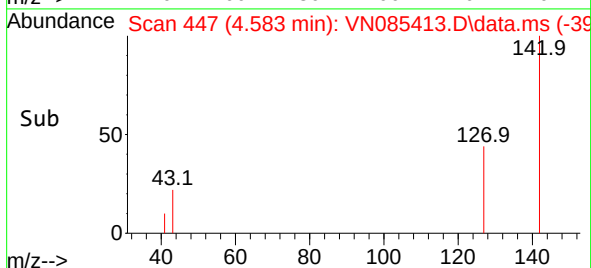
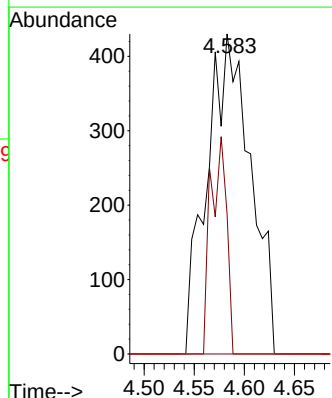
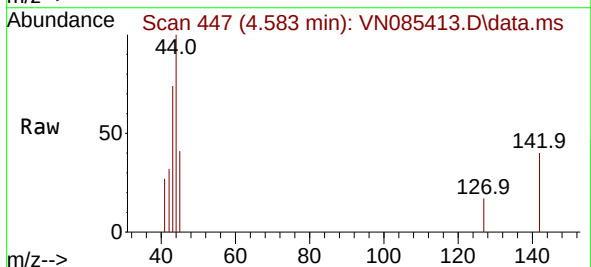
Instrument :
MSVOA_N
ClientSampleId :

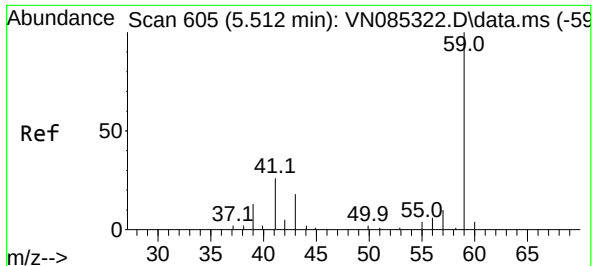
Tgt Ion: 94 Resp: 848
Ion Ratio Lower Upper
94 100
96 66.3 75.2 112.8#



#10
Methyl Iodide
Concen: 0.375 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.012 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

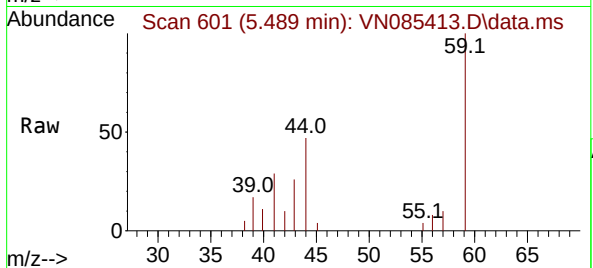
Tgt Ion:142 Resp: 1307
Ion Ratio Lower Upper
142 100
127 43.7 35.3 52.9
141 0.0 11.5 17.3#



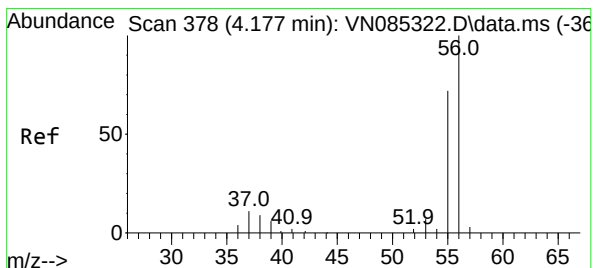
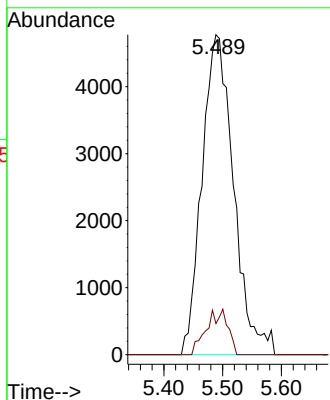
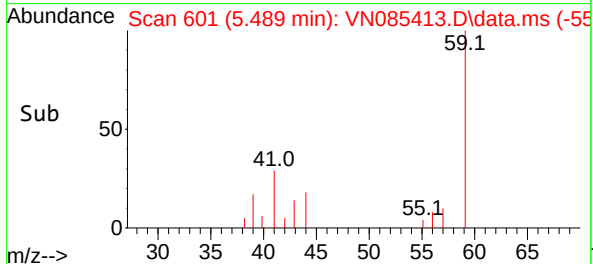


#11
Tert butyl alcohol
Concen: 39.886 ug/l
RT: 5.489 min Scan# 605
Delta R.T. -0.023 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

Instrument :
MSVOA_N
ClientSampleId :

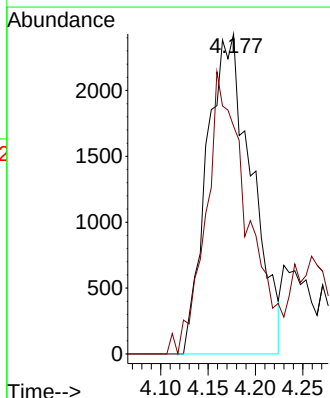
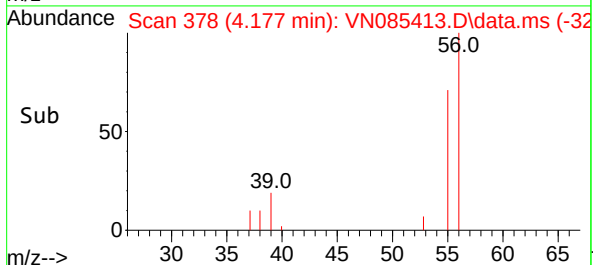
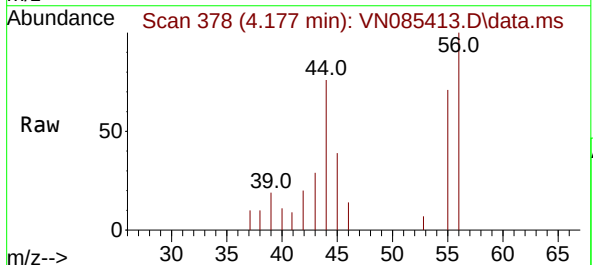


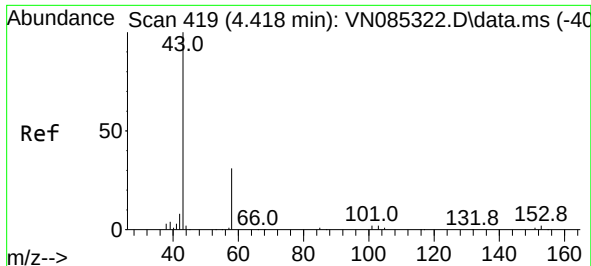
Tgt Ion: 59 Resp: 17827
Ion Ratio Lower Upper
59 100
57 9.6 8.1 12.1



#13
Acrolein
Concen: 11.425 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

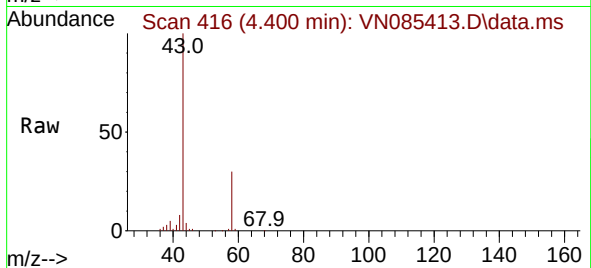
Tgt Ion: 56 Resp: 7961
Ion Ratio Lower Upper
56 100
55 82.3 57.5 86.3



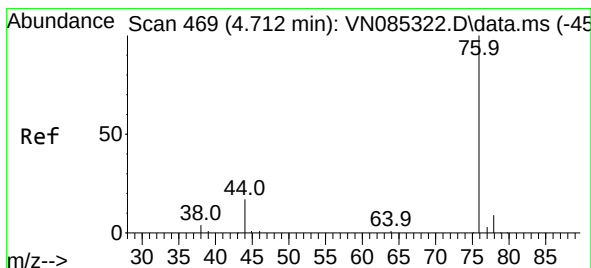
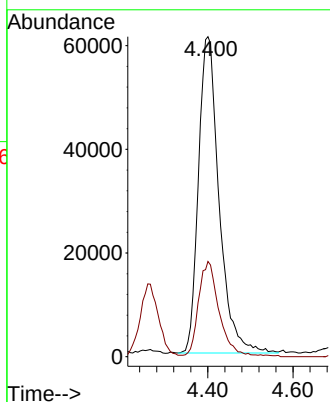
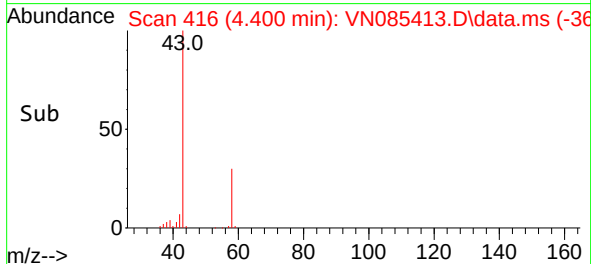


#16
Acetone
Concen: 174.735 ug/l
RT: 4.400 min Scan# 41
Delta R.T. -0.018 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

Instrument :
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ClientSampleId :

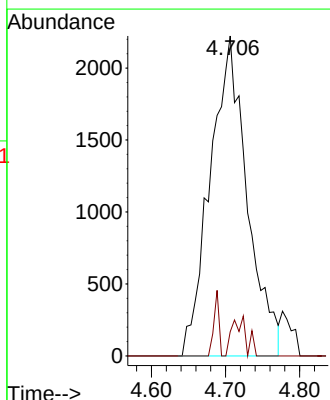
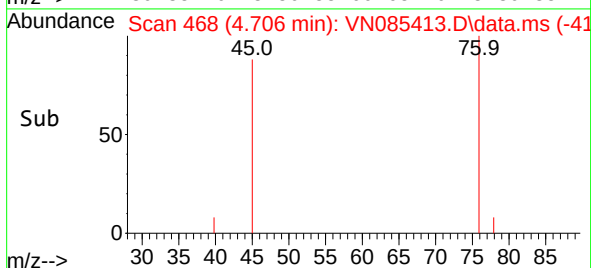
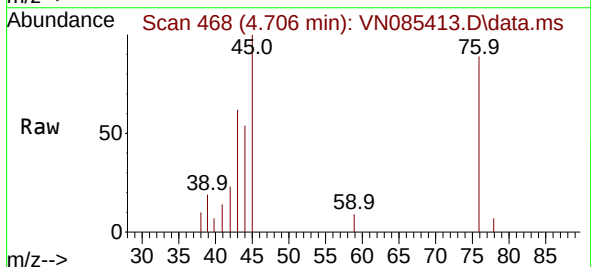


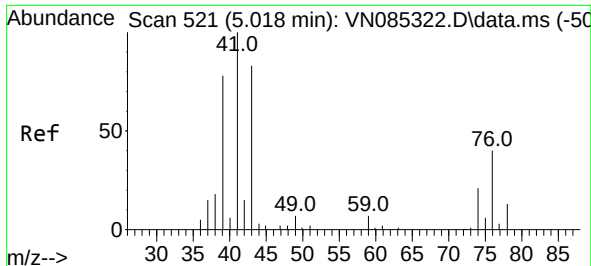
Tgt Ion: 43 Resp: 205082
Ion Ratio Lower Upper
43 100
58 29.7 24.5 36.7



#17
Carbon Disulfide
Concen: 0.910 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

Tgt Ion: 76 Resp: 7702
Ion Ratio Lower Upper
76 100
78 7.6 7.2 10.8

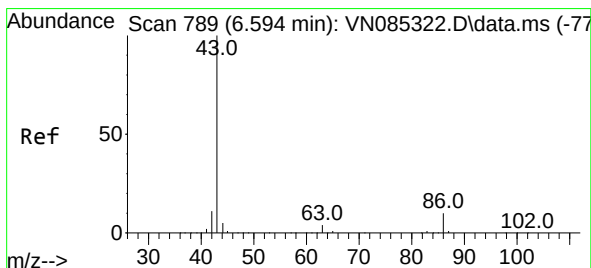
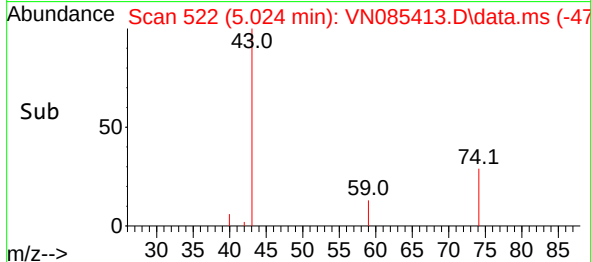
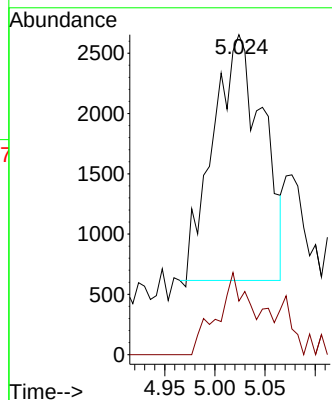
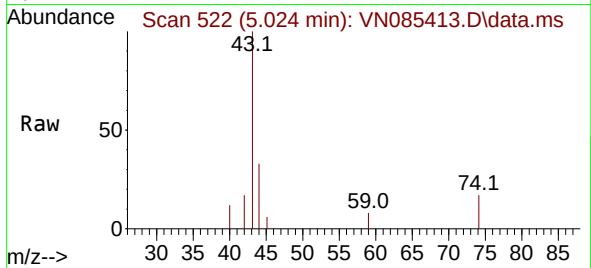




#18
Methyl Acetate
Concen: 1.956 ug/l
RT: 5.024 min Scan# 511
Delta R.T. 0.006 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

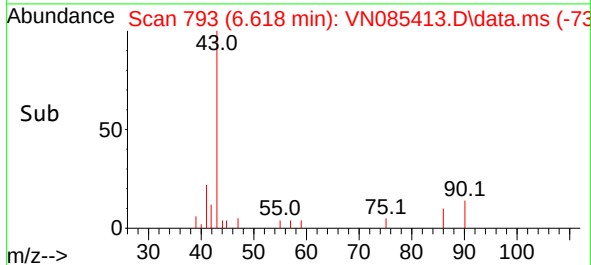
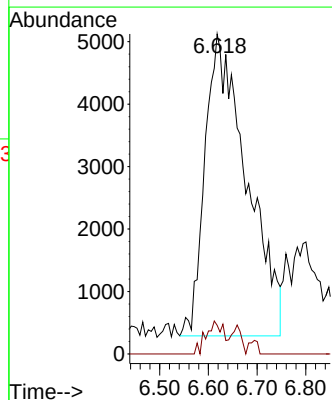
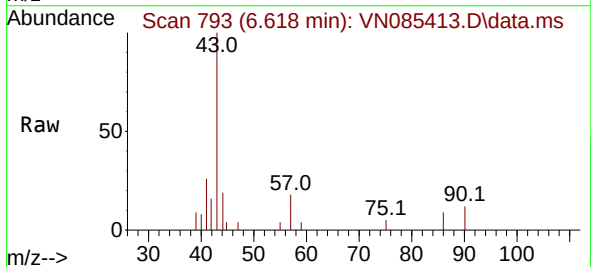
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MSVOA_N
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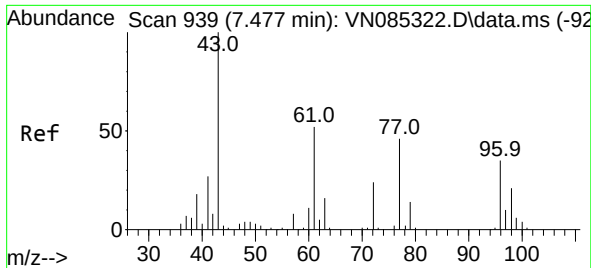
Tgt Ion: 43 Resp: 7028
Ion Ratio Lower Upper
43 100
74 20.7 19.0 28.6



#23
Vinyl Acetate
Concen: 4.138 ug/l
RT: 6.618 min Scan# 793
Delta R.T. 0.024 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

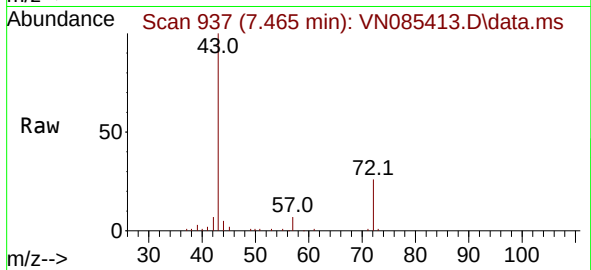
Tgt Ion: 43 Resp: 28713
Ion Ratio Lower Upper
43 100
86 9.5 8.0 12.0



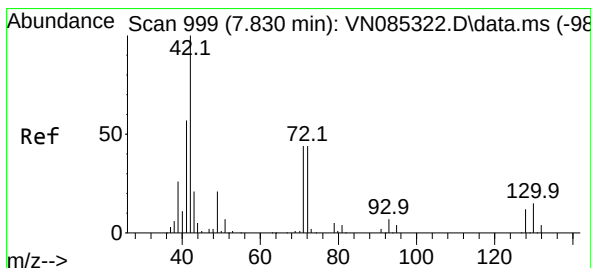
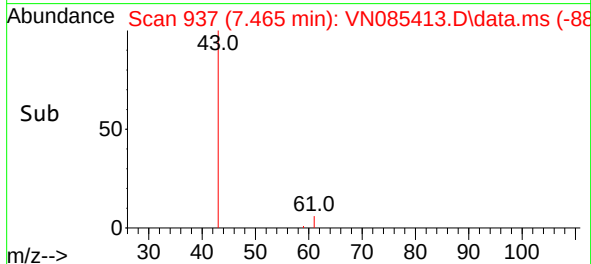
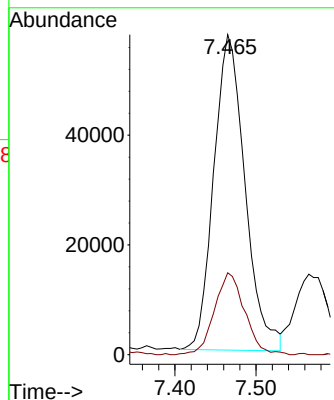


#25
2-Butanone
Concen: 84.406 ug/l
RT: 7.465 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

Instrument :
MSVOA_N
ClientSampleId :

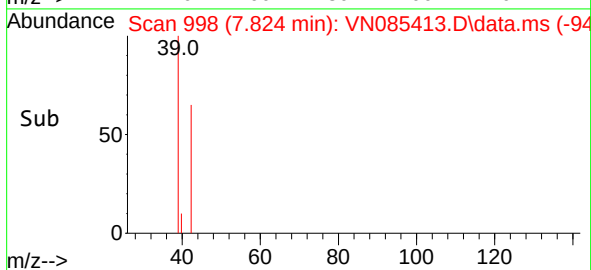
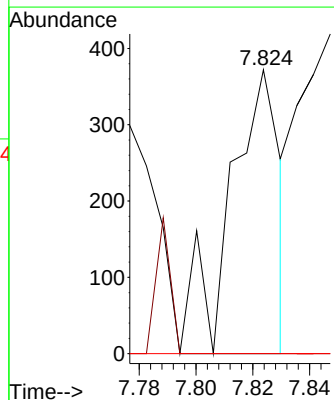
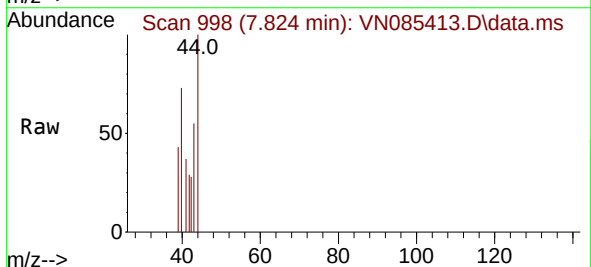


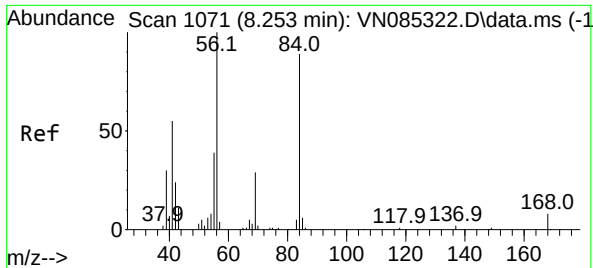
Tgt Ion: 43 Resp: 153689
Ion Ratio Lower Upper
43 100
72 25.7 19.6 29.4



#29
Tetrahydrofuran
Concen: 0.392 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.006 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

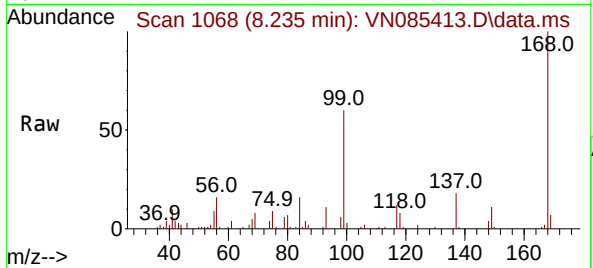
Tgt Ion: 42 Resp: 460
Ion Ratio Lower Upper
42 100
72 0.0 35.1 52.7#
71 0.0 33.4 50.0#



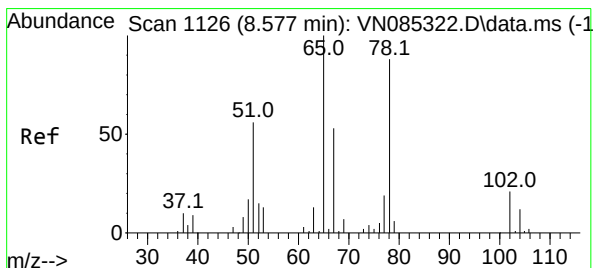
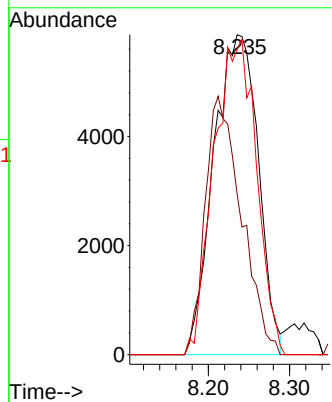
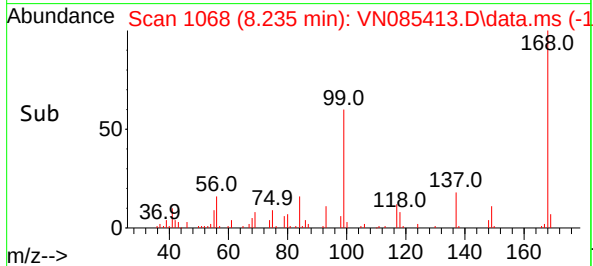


#31
Cyclohexane
Concen: 4.234 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.018 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

Instrument :
MSVOA_N
ClientSampleId :

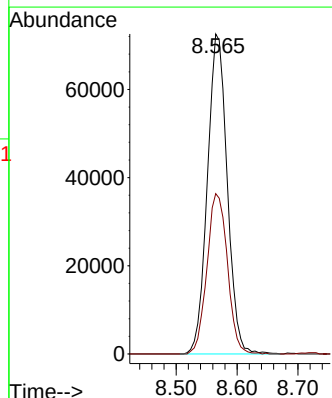
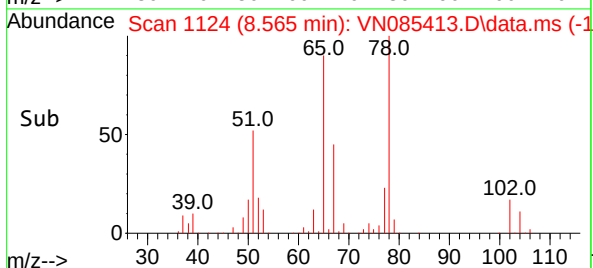
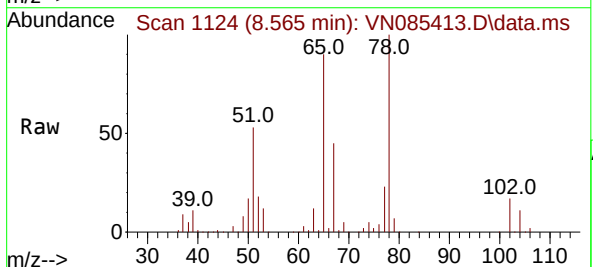


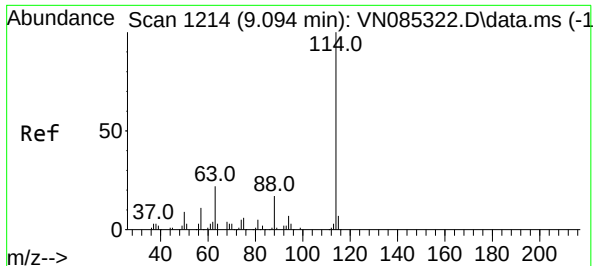
Tgt Ion: 56 Resp: 22338
Ion Ratio Lower Upper
56 100
69 50.1 23.4 35.0#
84 95.3 71.0 106.6



#33
1,2-Dichloroethane-d4
Concen: 46.061 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. -0.012 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

Tgt Ion: 65 Resp: 164405
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.0

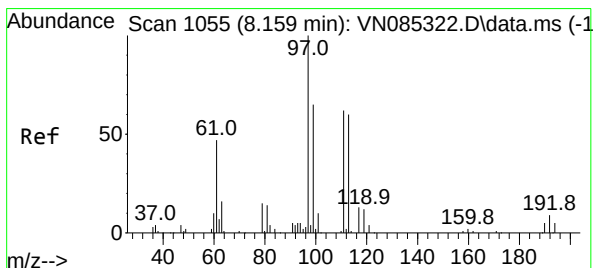
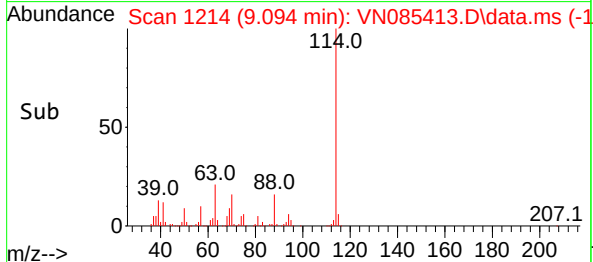
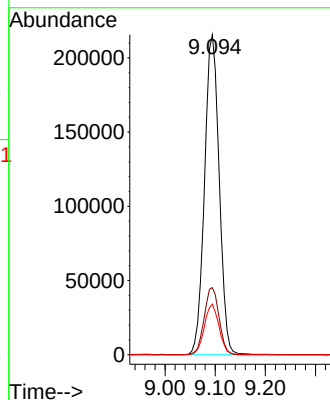
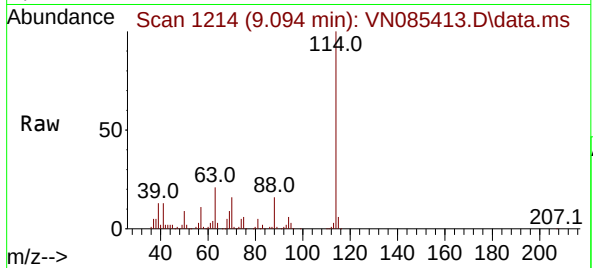




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

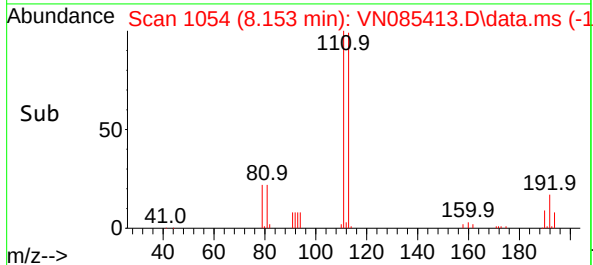
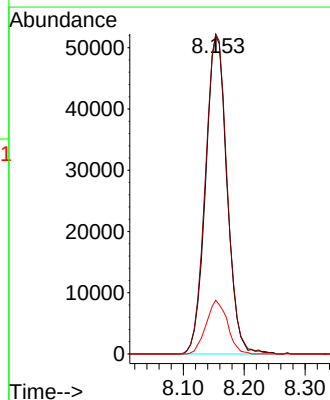
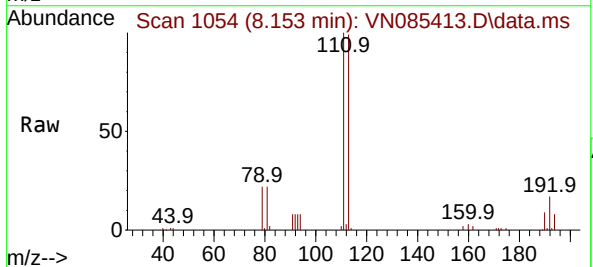
Instrument :
MSVOA_N
ClientSampleId :

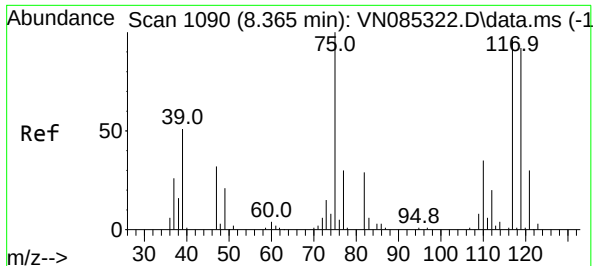
Tgt Ion:114 Resp: 438371
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.4
88 15.8 0.0 33.6



#35
Dibromofluoromethane
Concen: 46.330 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

Tgt Ion:113 Resp: 126702
Ion Ratio Lower Upper
113 100
111 102.5 80.5 120.7
192 16.8 12.9 19.3





#36

1,1-Dichloropropene

Concen: 1.369 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.012 min

Lab File: VN085413.D

Acq: 09 Jan 2025 16:50

Instrument :

MSVOA_N

ClientSampleId :

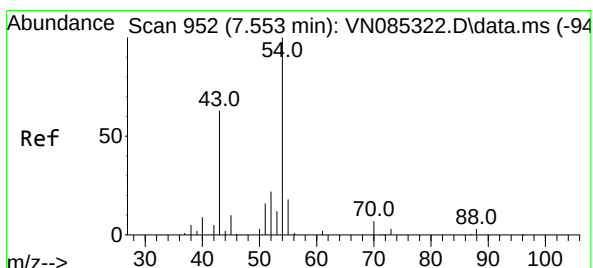
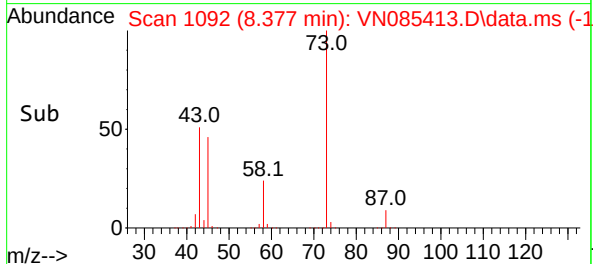
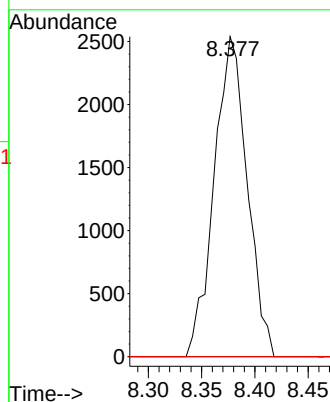
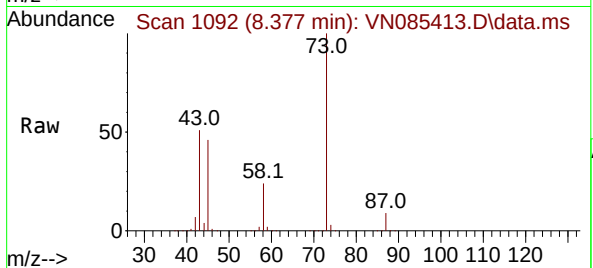
Tgt Ion: 75 Resp: 5481

Ion Ratio Lower Upper

75 100

110 0.0 16.6 49.8#

77 0.0 24.3 36.5#



#37

Ethyl Acetate

Concen: 10.569 ug/l

RT: 7.565 min Scan# 954

Delta R.T. 0.012 min

Lab File: VN085413.D

Acq: 09 Jan 2025 16:50

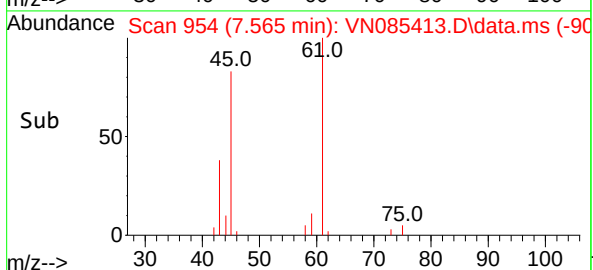
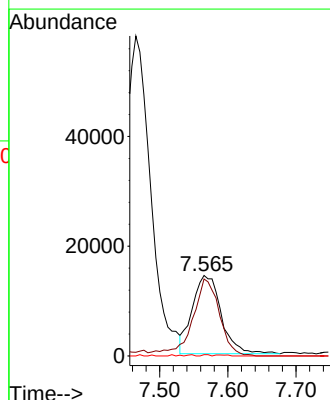
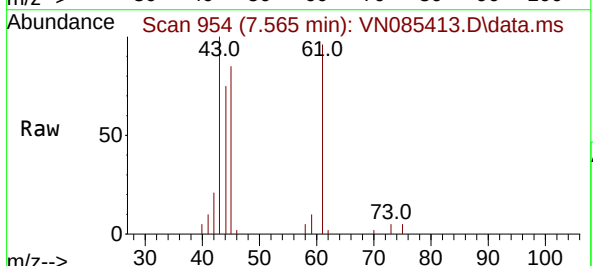
Tgt Ion: 43 Resp: 42063

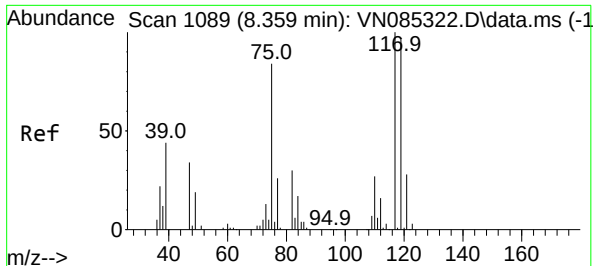
Ion Ratio Lower Upper

43 100

61 92.1 10.4 15.6#

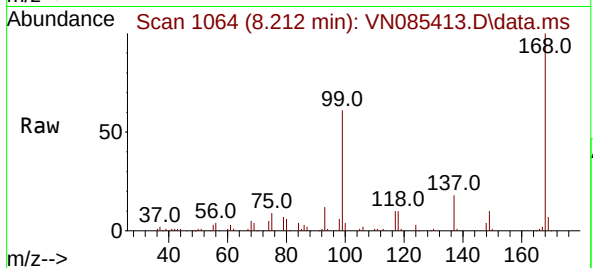
70 0.4 8.2 12.2#



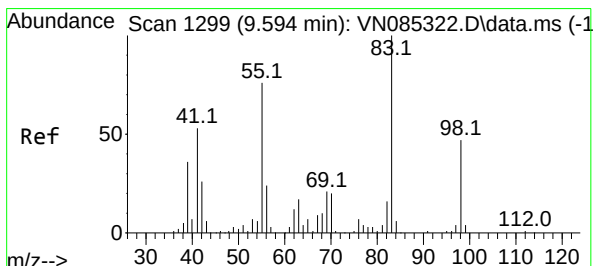
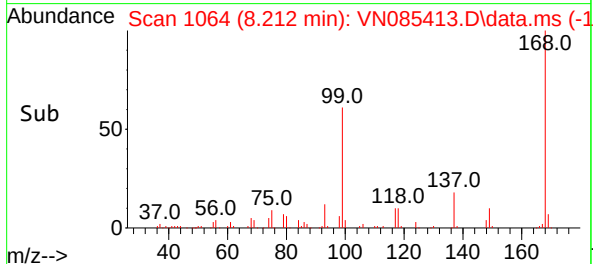
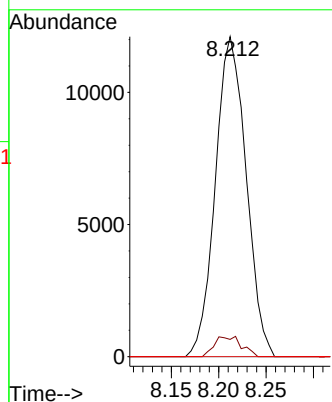


#38
Carbon Tetrachloride
Concen: 6.272 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.147 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

Instrument :
MSVOA_N
ClientSampleId :

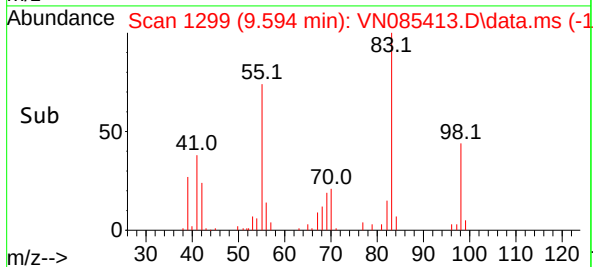
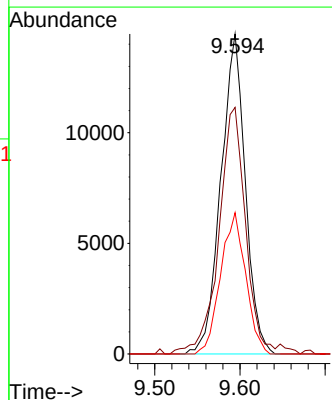
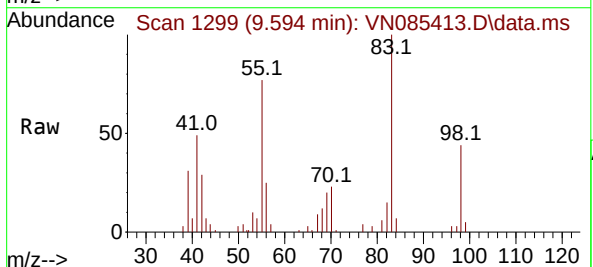


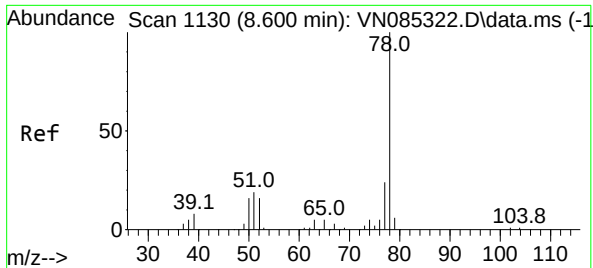
Tgt Ion:117 Resp: 27373
Ion Ratio Lower Upper
117 100
119 5.4 77.8 116.6#
121 0.0 22.5 33.7#



#39
Methylcyclohexane
Concen: 6.930 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. 0.000 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

Tgt Ion: 83 Resp: 28791
Ion Ratio Lower Upper
83 100
55 75.4 60.7 91.1
98 44.2 37.7 56.5

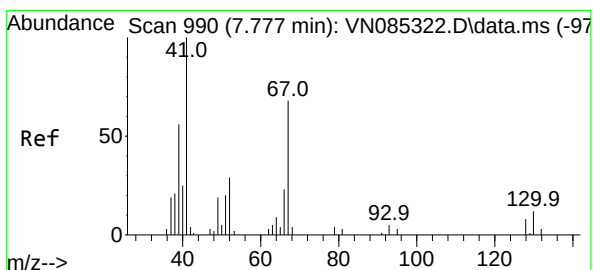
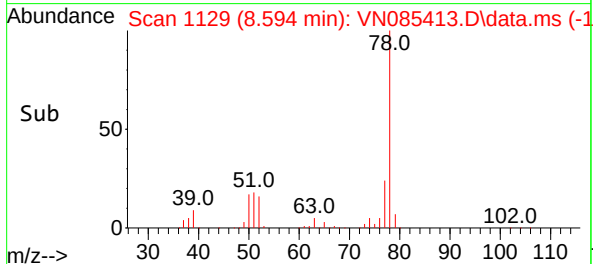
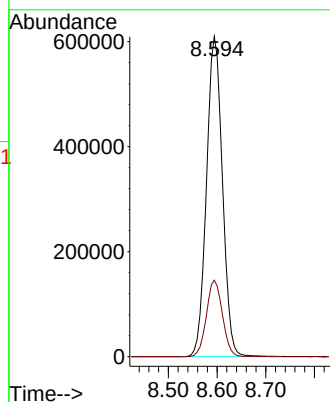
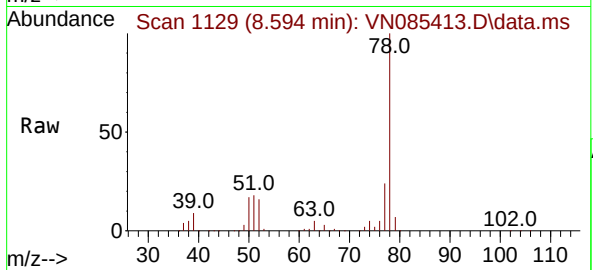




#40
Benzene
Concen: 114.259 ug/l
RT: 8.594 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

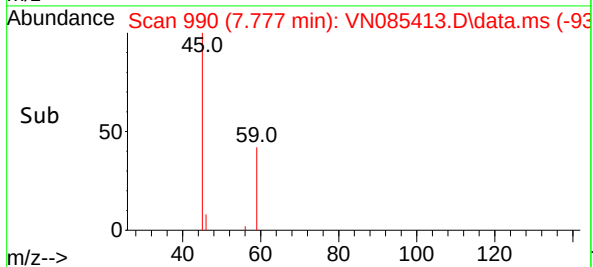
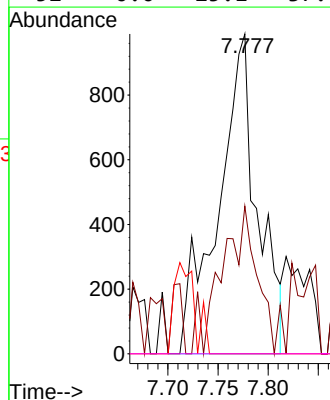
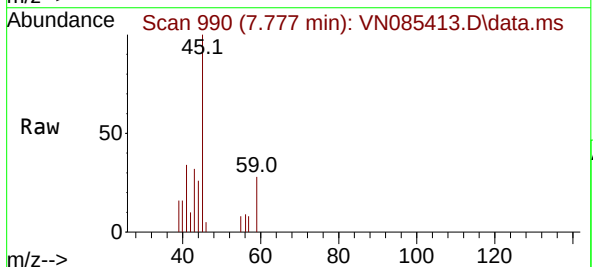
Instrument :
MSVOA_N
ClientSampleId :

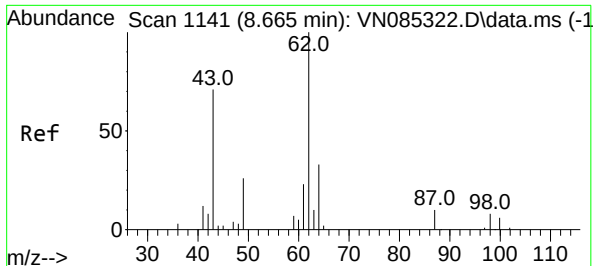
Tgt Ion: 78 Resp: 1383264
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4



#41
Methacrylonitrile
Concen: 1.316 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

Tgt Ion: 41 Resp: 2682
Ion Ratio Lower Upper
41 100
39 23.8 45.8 68.8#
67 0.0 57.1 85.7#
52 0.0 25.1 37.7#





#42

1,2-Dichloroethane

Concen: 2.914 ug/l

RT: 8.594 min Scan# 1129

Delta R.T. -0.071 min

Lab File: VN085413.D

Acq: 09 Jan 2025 16:50

Instrument :

MSVOA_N

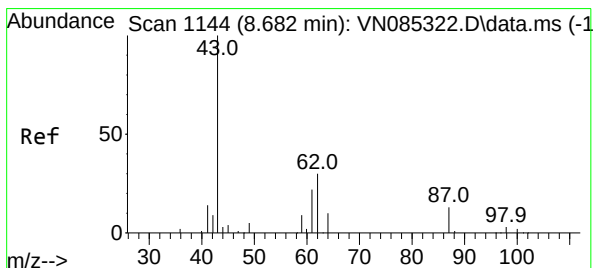
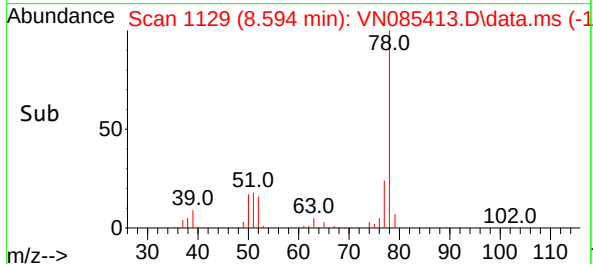
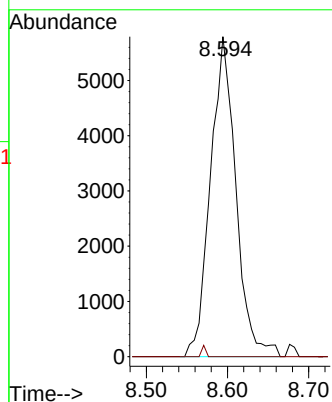
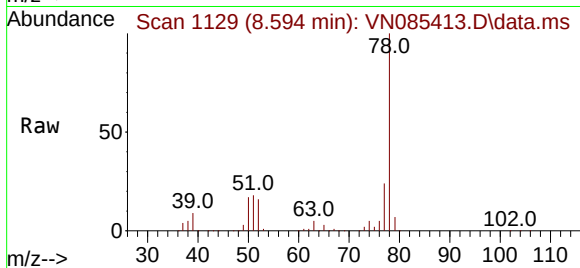
ClientSampleId :

Tgt Ion: 62 Resp: 12648

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.6



#43

Isopropyl Acetate

Concen: 1.843 ug/l

RT: 8.794 min Scan# 1163

Delta R.T. 0.112 min

Lab File: VN085413.D

Acq: 09 Jan 2025 16:50

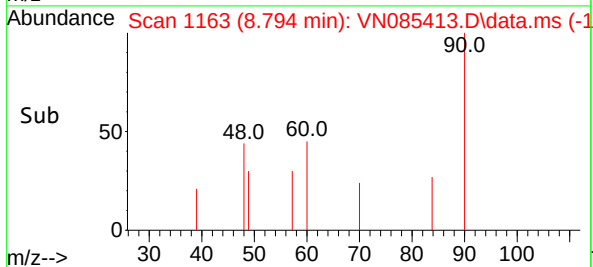
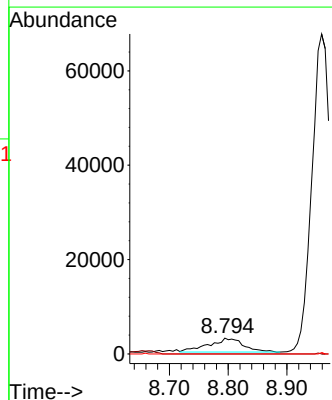
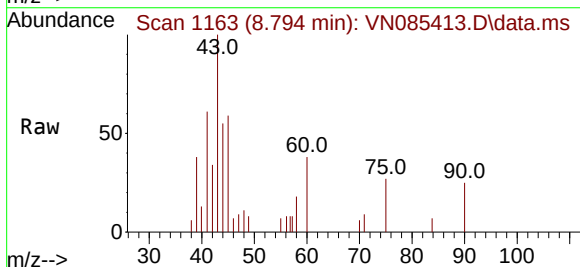
Tgt Ion: 43 Resp: 12076

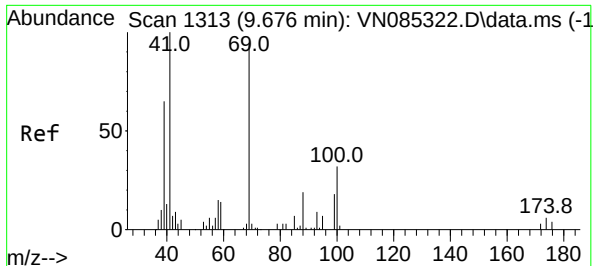
Ion Ratio Lower Upper

43 100

61 0.0 20.8 31.2#

87 0.0 10.2 15.4#





#48

Methyl methacrylate

Concen: 4.486 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.082 min

Lab File: VN085413.D

Acq: 09 Jan 2025 16:50

Instrument :

MSVOA_N

ClientSampleId :

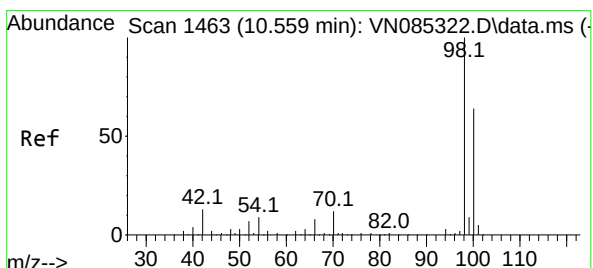
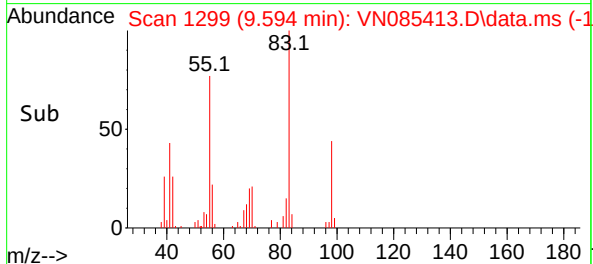
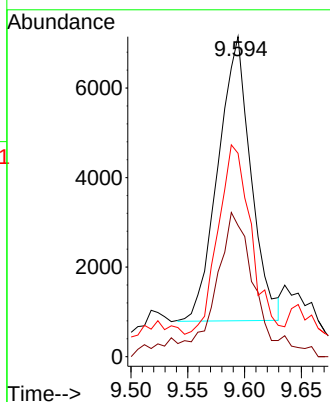
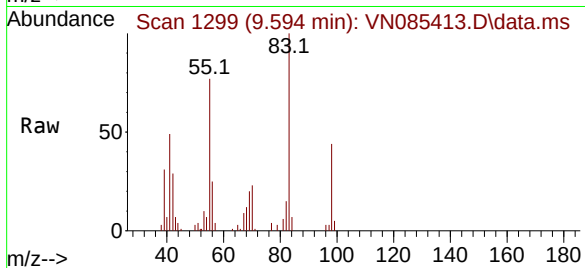
Tgt Ion: 41 Resp: 12755

Ion Ratio Lower Upper

41 100

69 58.6 67.7 101.5#

39 75.3 51.2 76.8



#50

Toluene-d8

Concen: 55.422 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. 0.000 min

Lab File: VN085413.D

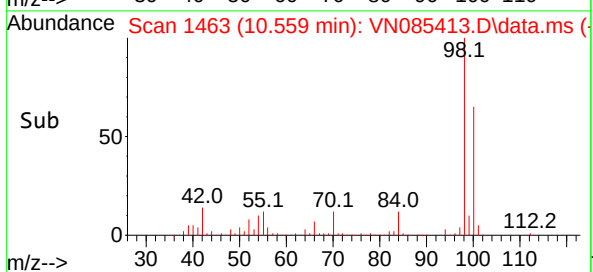
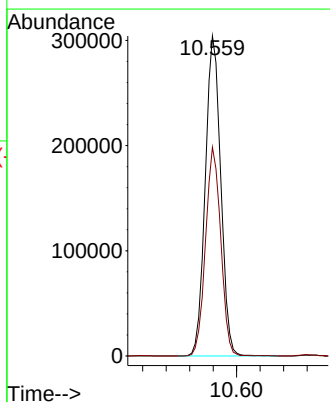
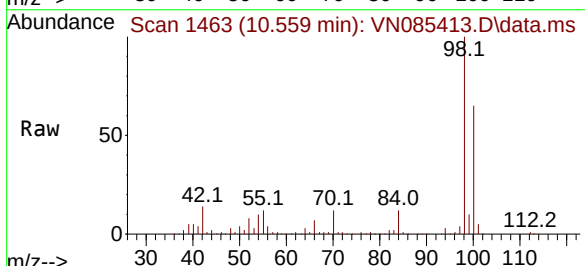
Acq: 09 Jan 2025 16:50

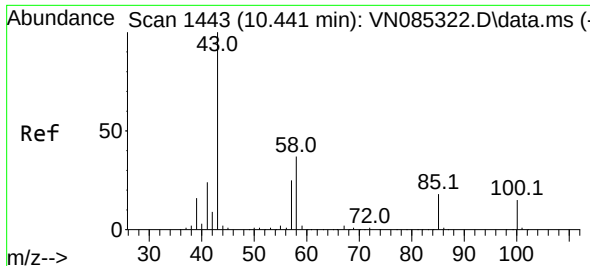
Tgt Ion: 98 Resp: 556189

Ion Ratio Lower Upper

98 100

100 64.2 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 1.624 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN085413.D

Acq: 09 Jan 2025 16:50

Instrument :

MSVOA_N

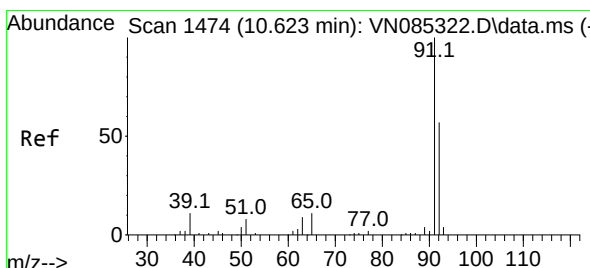
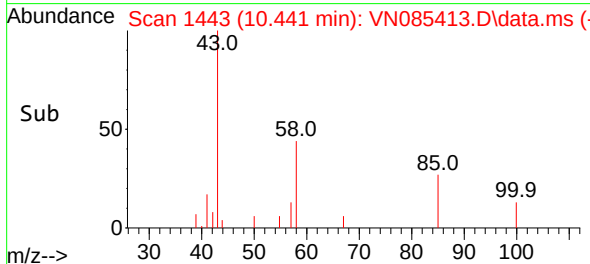
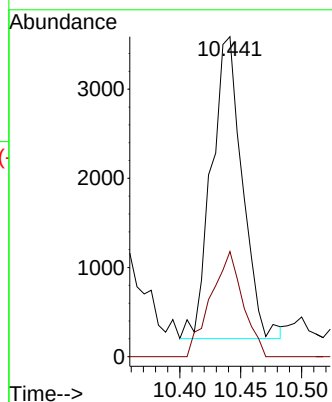
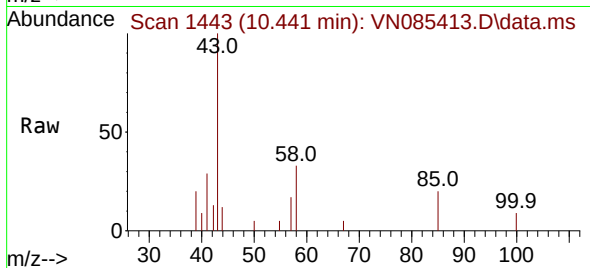
ClientSampleId :

Tgt Ion: 43 Resp: 5982

Ion Ratio Lower Upper

43 100

58 36.2 30.3 45.5



#52

Toluene

Concen: 209.983 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. 0.000 min

Lab File: VN085413.D

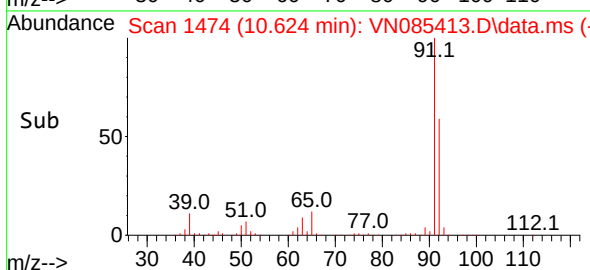
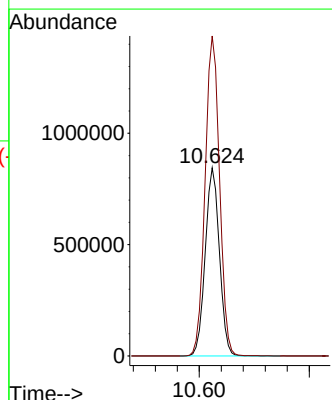
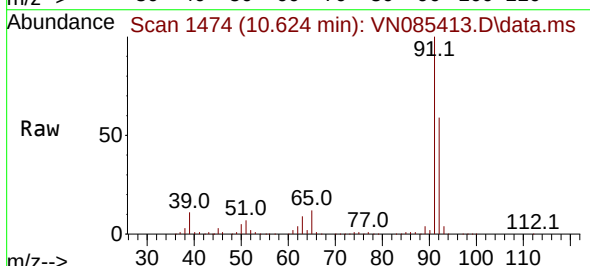
Acq: 09 Jan 2025 16:50

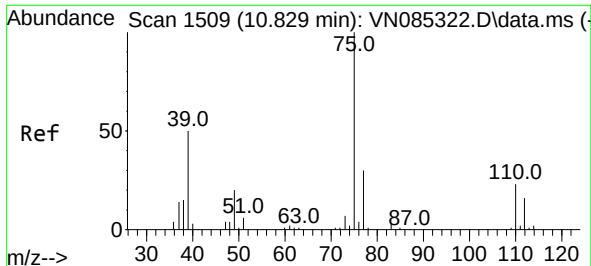
Tgt Ion: 92 Resp: 1513667

Ion Ratio Lower Upper

92 100

91 173.0 140.2 210.4

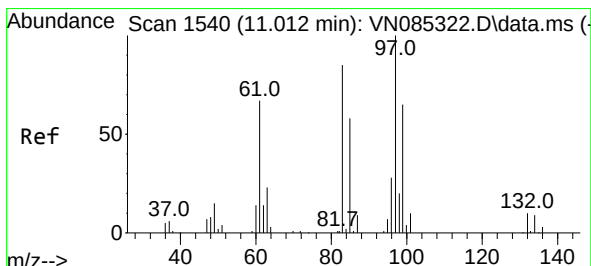
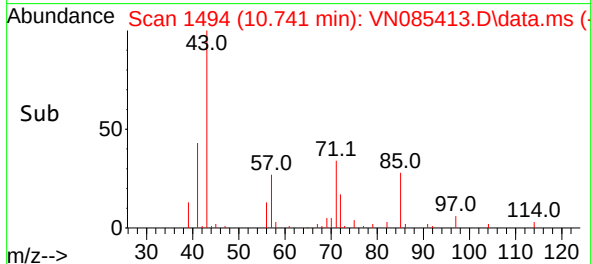
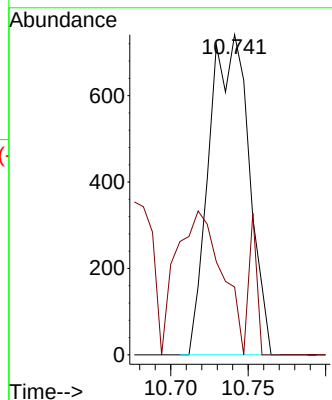
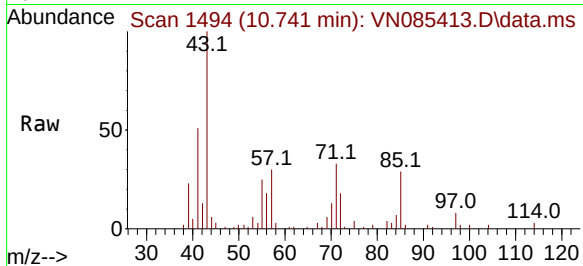




#53
t-1,3-Dichloropropene
Concen: 0.302 ug/l
RT: 10.741 min Scan# 14
Delta R.T. -0.088 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

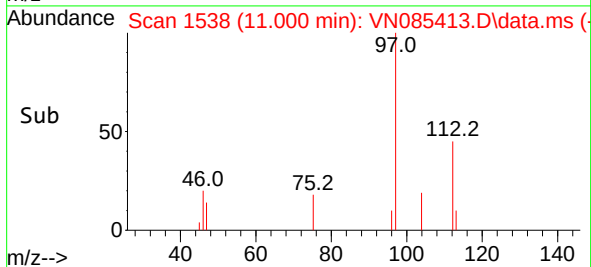
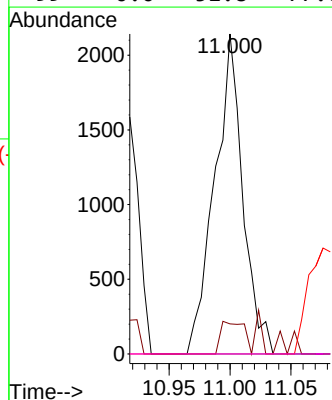
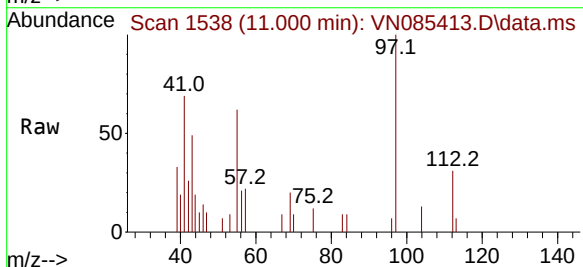
Instrument :
MSVOA_N
ClientSampleId :

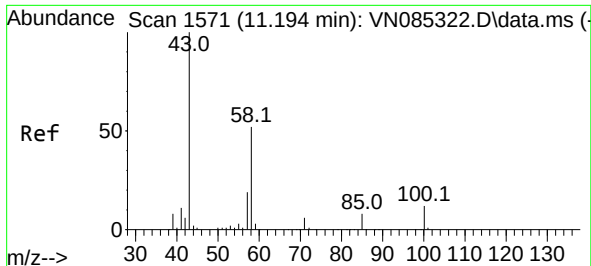
Tgt Ion: 75 Resp: 1321
Ion Ratio Lower Upper
75 100
77 21.2 23.8 35.6#



#55
1,1,2-Trichloroethane
Concen: 1.265 ug/l
RT: 11.000 min Scan# 1538
Delta R.T. -0.012 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

Tgt Ion: 97 Resp: 3442
Ion Ratio Lower Upper
97 100
83 9.4 67.7 101.5#
85 0.0 46.2 69.4#
99 0.0 51.8 77.6#

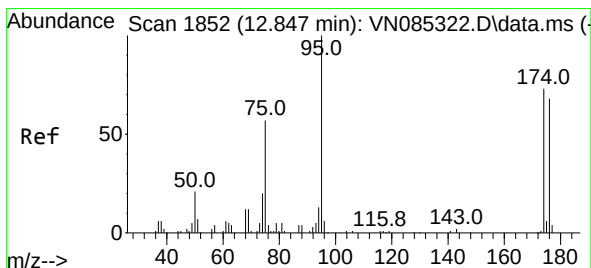
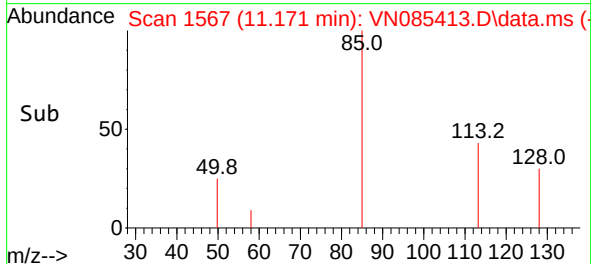
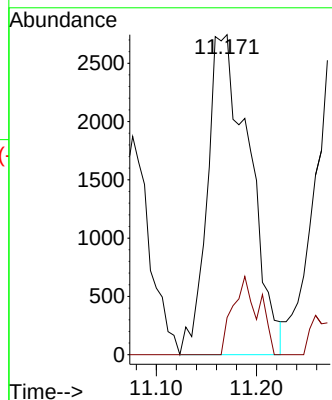
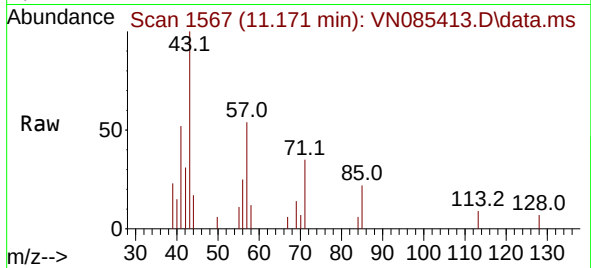




#59
2-Hexanone
Concen: 3.127 ug/l
RT: 11.171 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

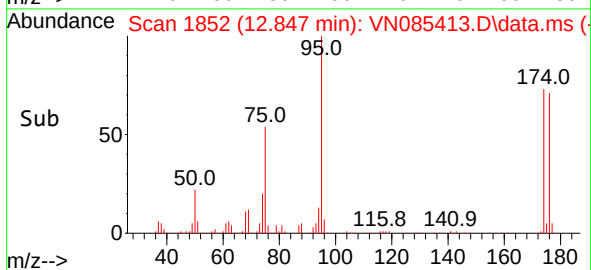
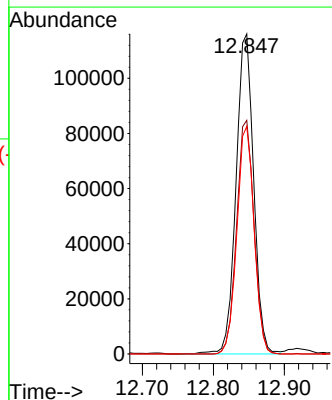
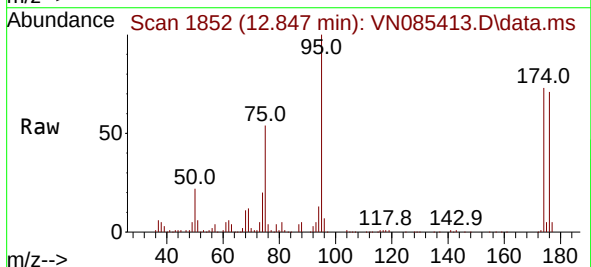
Instrument :
MSVOA_N
ClientSampleId :

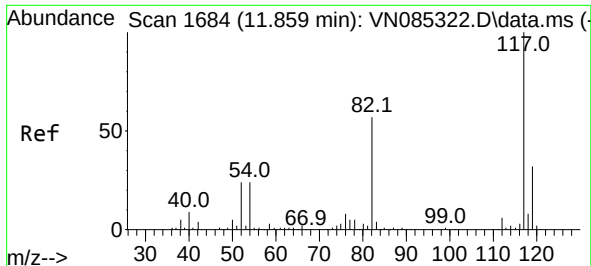
Tgt Ion: 43 Resp: 7991
Ion Ratio Lower Upper
43 100
58 15.0 26.5 79.5#



#62
4-Bromofluorobenzene
Concen: 60.117 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

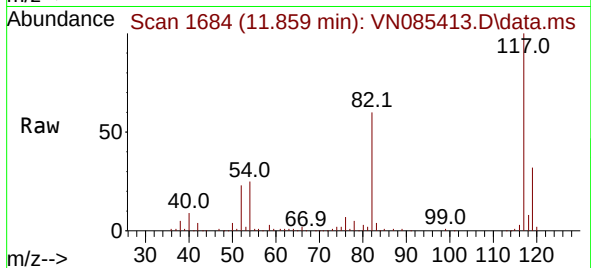
Tgt Ion: 95 Resp: 200362
Ion Ratio Lower Upper
95 100
174 72.3 0.0 143.2
176 69.4 0.0 135.8



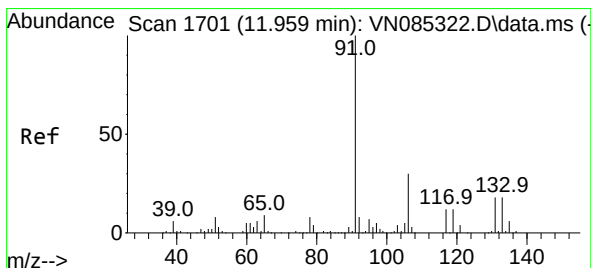
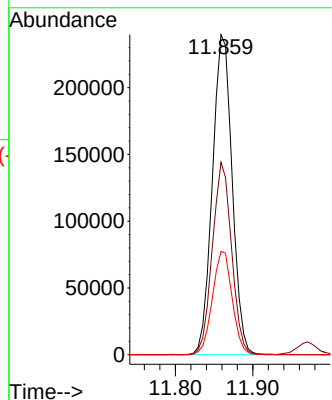
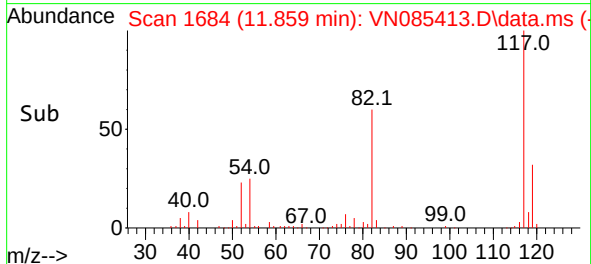


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

Instrument :
MSVOA_N
ClientSampleId :

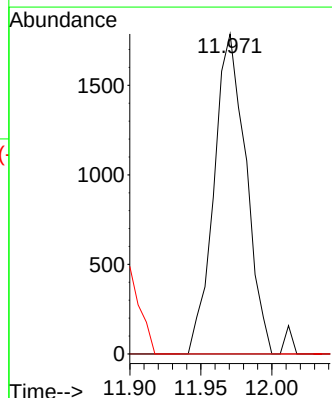
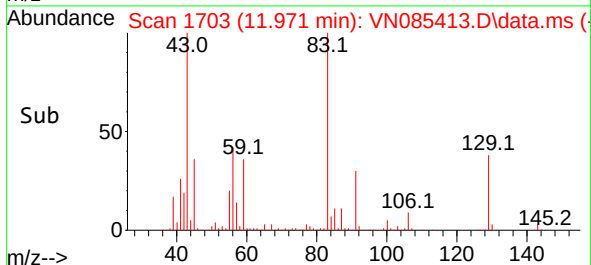
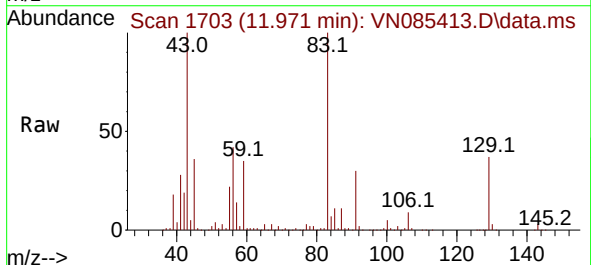


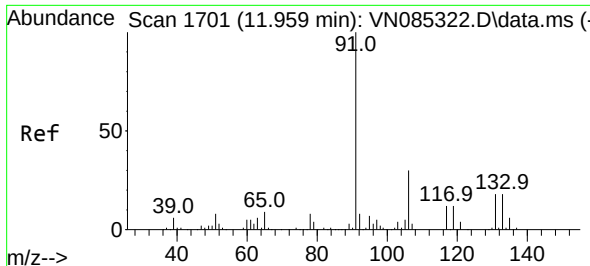
Tgt Ion:117 Resp: 423863
Ion Ratio Lower Upper
117 100
82 60.1 45.7 68.5
119 32.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 0.910 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.012 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

Tgt Ion:131 Resp: 2796
Ion Ratio Lower Upper
131 100
133 0.0 48.3 144.9#
119 0.0 33.4 100.1#

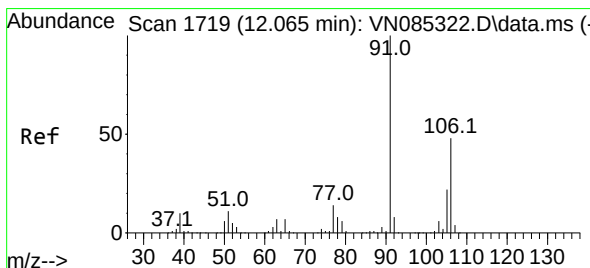
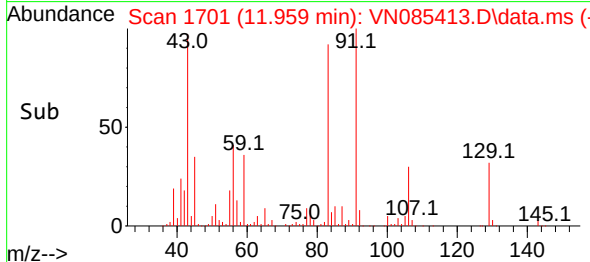
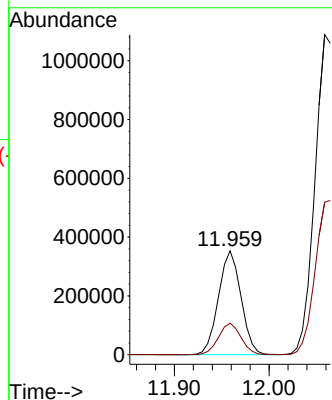
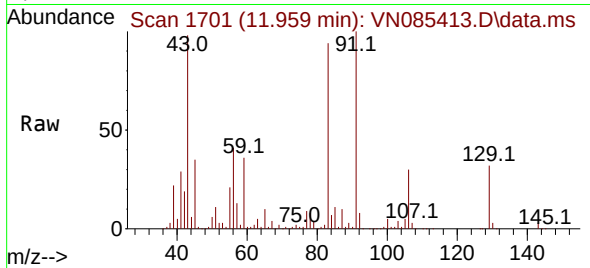




#67
Ethyl Benzene
Concen: 38.352 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

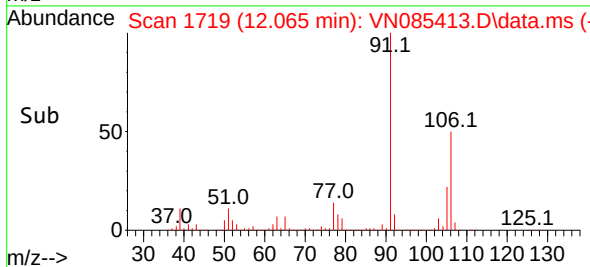
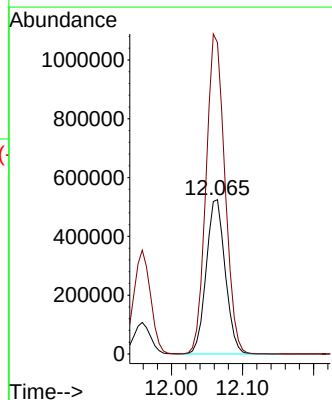
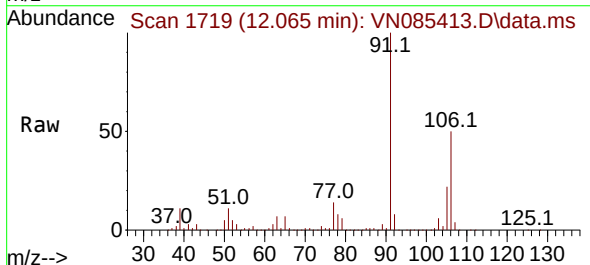
Instrument :
MSVOA_N
ClientSampleId :

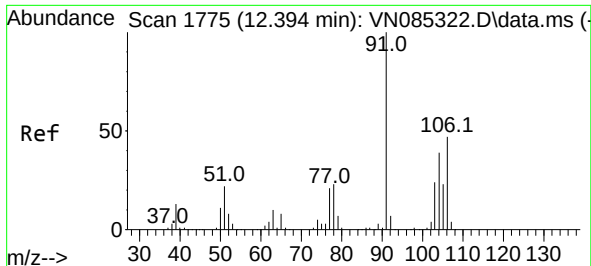
Tgt Ion: 91 Resp: 584212
Ion Ratio Lower Upper
91 100
106 30.5 24.0 36.0



#68
m/p-Xylenes
Concen: 175.066 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

Tgt Ion:106 Resp: 975923
Ion Ratio Lower Upper
106 100
91 205.8 165.2 247.8

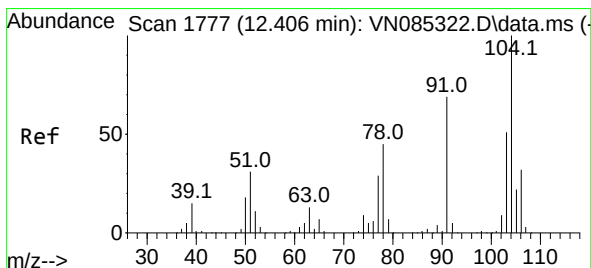
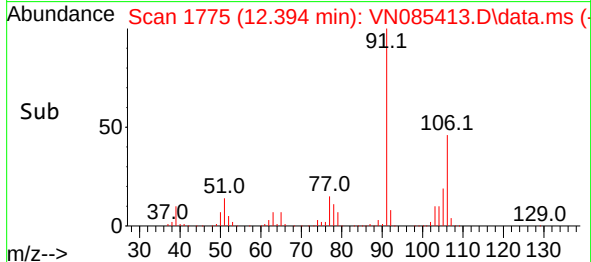
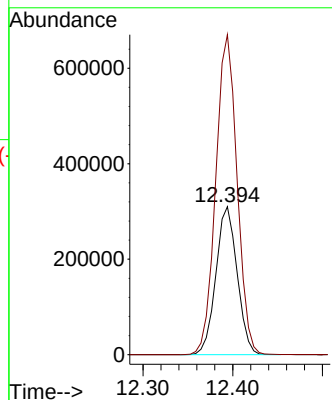
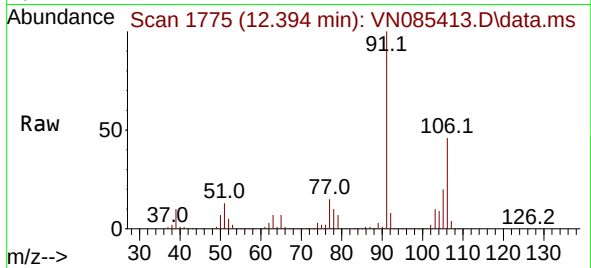




#69
o-Xylene
Concen: 94.570 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

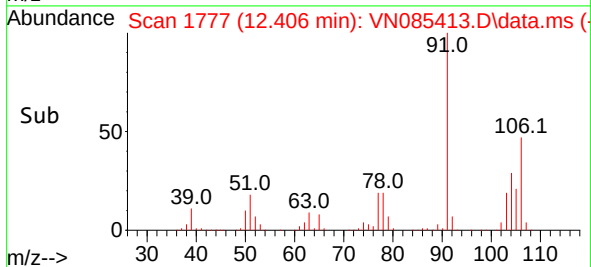
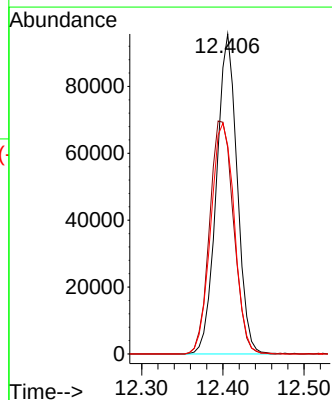
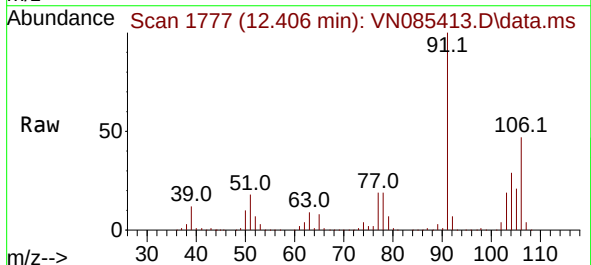
Instrument :
MSVOA_N
ClientSampleId :

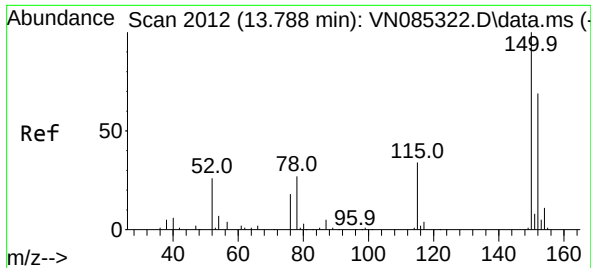
Tgt Ion:106 Resp: 509985
Ion Ratio Lower Upper
106 100
91 216.9 107.3 321.8



#70
Styrene
Concen: 19.374 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

Tgt Ion:104 Resp: 169327
Ion Ratio Lower Upper
104 100
78 84.6 40.7 61.1#
103 82.5 44.1 66.1#

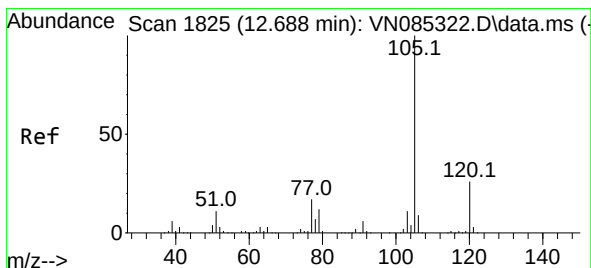
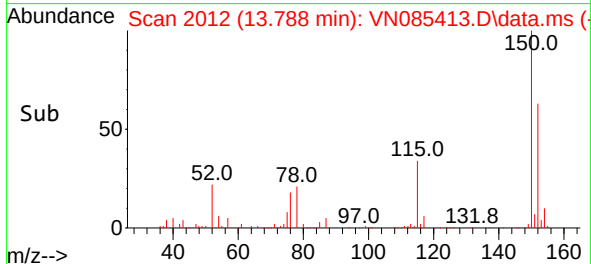
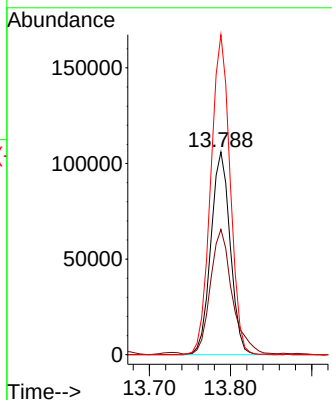
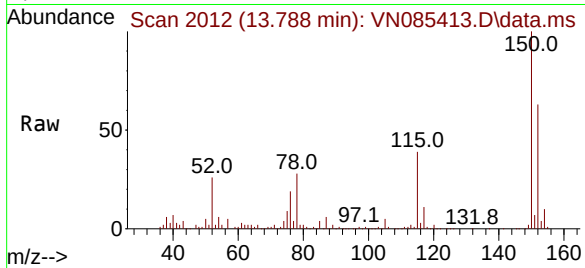




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

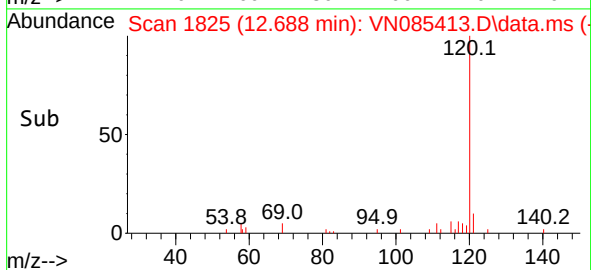
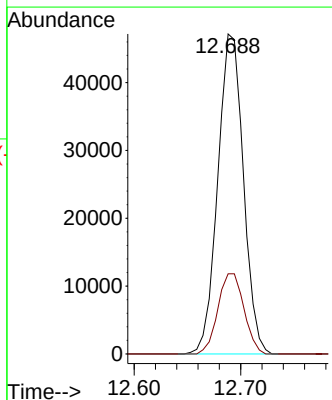
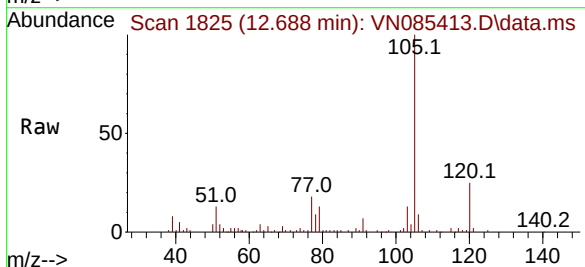
Instrument :
MSVOA_N
ClientSampleId :

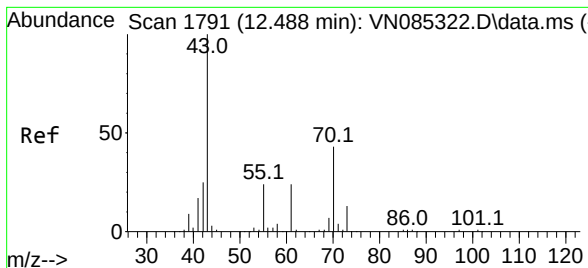
Tgt Ion:152 Resp: 175406
Ion Ratio Lower Upper
152 100
115 68.5 30.4 91.3
150 157.8 0.0 345.0



#73
Isopropylbenzene
Concen: 6.236 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. 0.000 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

Tgt Ion:105 Resp: 78662
Ion Ratio Lower Upper
105 100
120 25.5 12.9 38.6

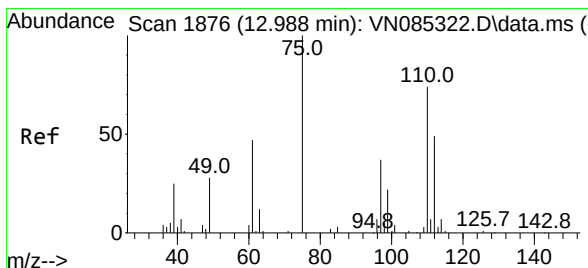
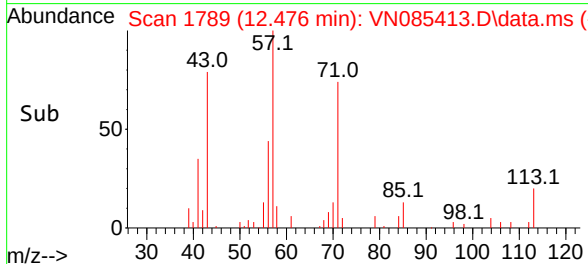
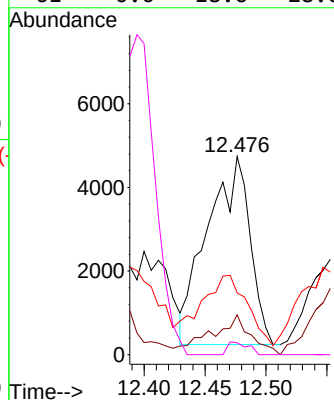
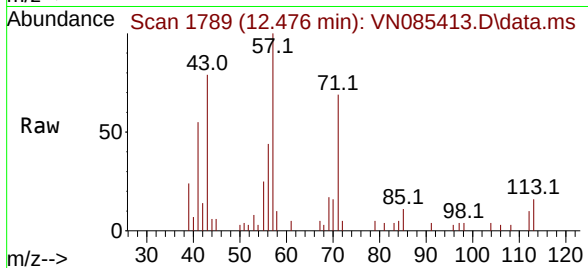




#74
N-amy1 acetate
Concen: 2.025 ug/l
RT: 12.476 min Scan# 1789
Delta R.T. -0.012 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

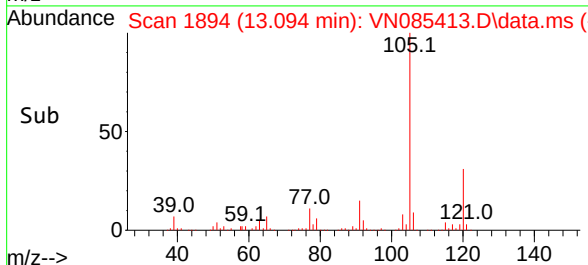
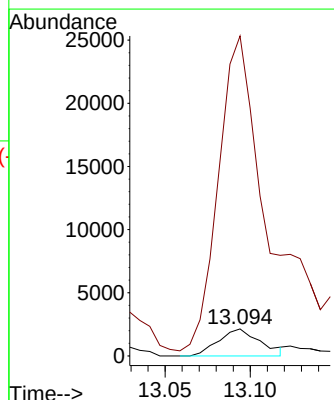
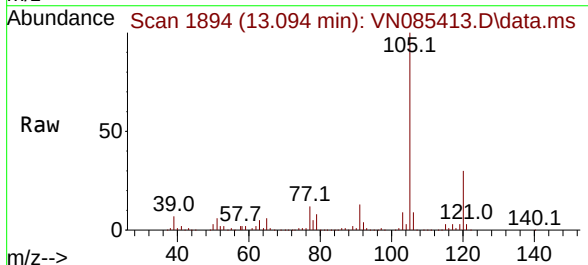
Instrument :
MSVOA_N
ClientSampleId :

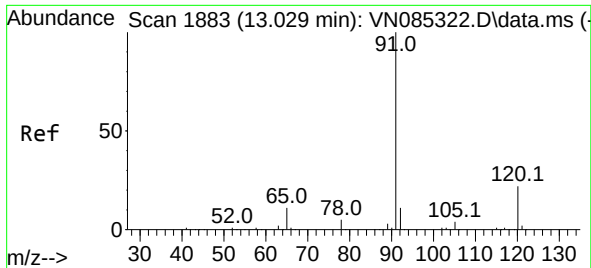
Tgt Ion: 43 Resp: 10934
Ion Ratio Lower Upper
43 100
70 19.7 33.4 50.0#
55 39.4 19.2 28.8#
61 0.0 18.6 28.0#



#76
1,2,3-Trichloropropane
Concen: 1.114 ug/l
RT: 13.094 min Scan# 1894
Delta R.T. 0.106 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

Tgt Ion: 75 Resp: 3648
Ion Ratio Lower Upper
75 100
77 1426.2 98.1 294.3#

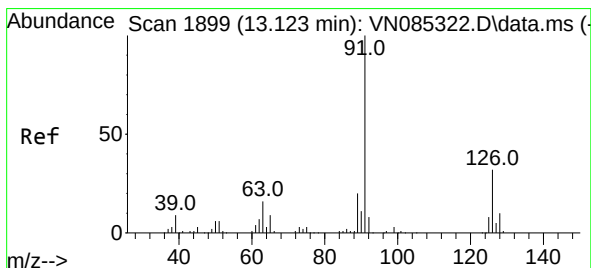
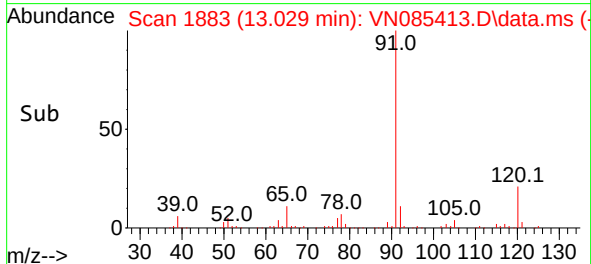
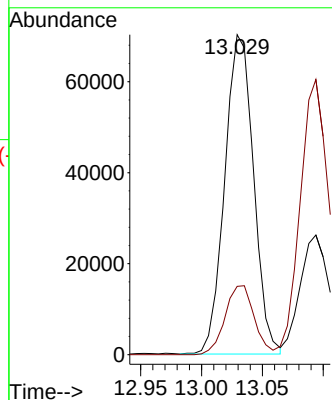
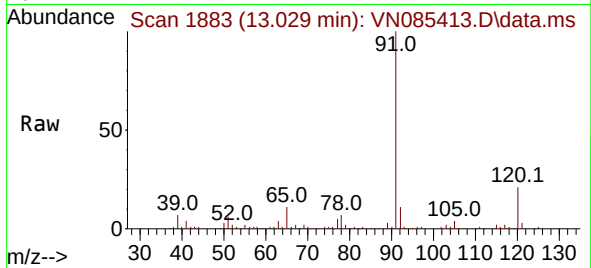




#78
n-propylbenzene
Concen: 7.857 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

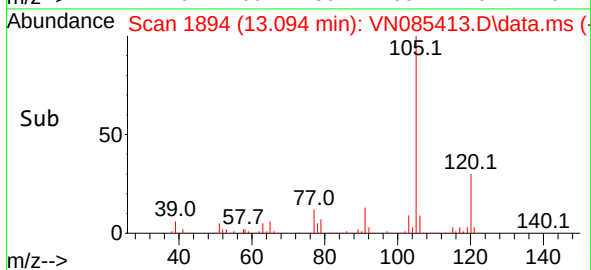
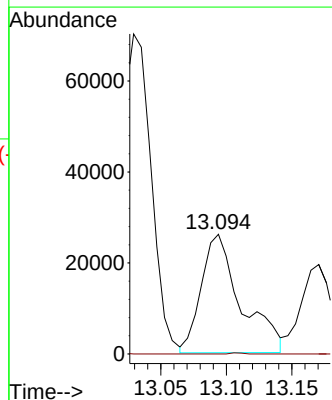
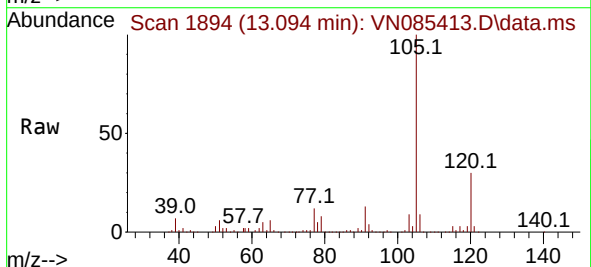
Instrument :
MSVOA_N
ClientSampleId :

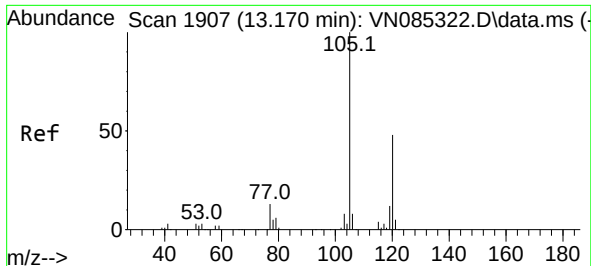
Tgt Ion: 91 Resp: 115521
Ion Ratio Lower Upper
91 100
120 21.8 10.9 32.9



#79
2-Chlorotoluene
Concen: 5.927 ug/l
RT: 13.094 min Scan# 1894
Delta R.T. -0.029 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

Tgt Ion: 91 Resp: 54849
Ion Ratio Lower Upper
91 100
126 0.3 16.0 48.0#

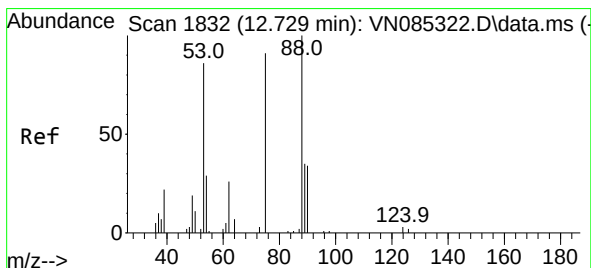
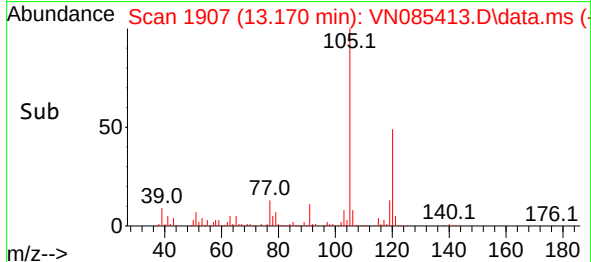
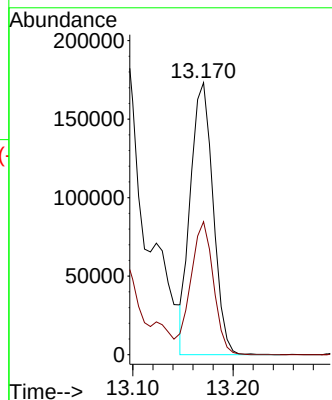
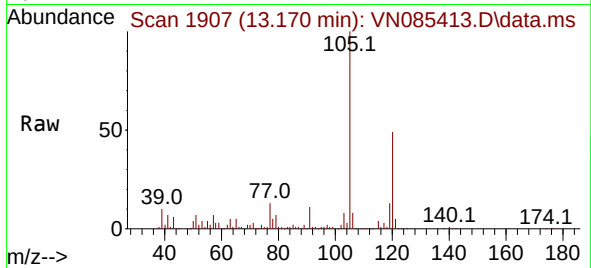




#80
 1,3,5-Trimethylbenzene
 Concen: 26.542 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VN085413.D
 Acq: 09 Jan 2025 16:50

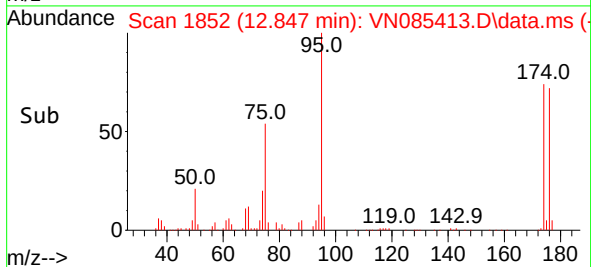
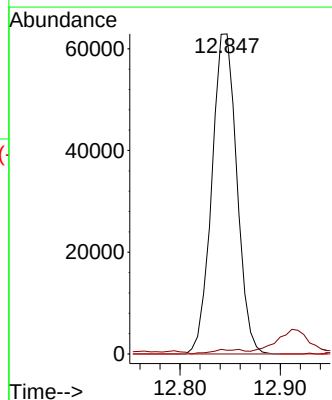
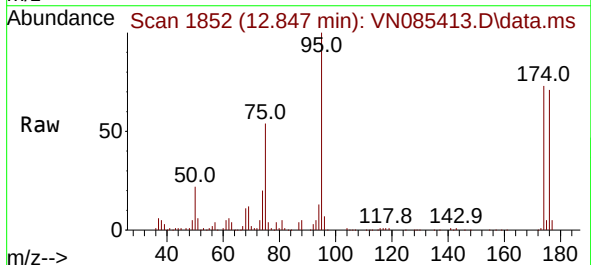
Instrument :
 MSVOA_N
 ClientSampleId :

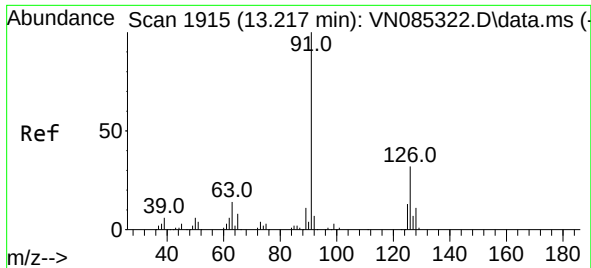
Tgt Ion:105 Resp: 270800
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.0 72.0



#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.719 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.118 min
 Lab File: VN085413.D
 Acq: 09 Jan 2025 16:50

Tgt Ion: 75 Resp: 109035
 Ion Ratio Lower Upper
 75 100
 53 1.9 80.0 120.0#
 89 0.0 35.8 53.8#

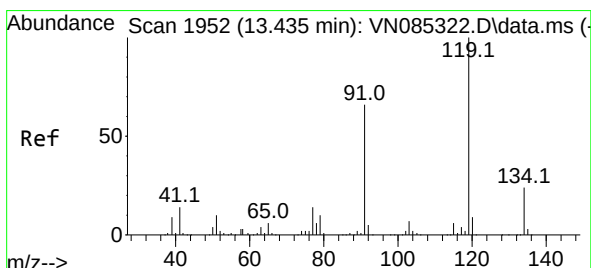
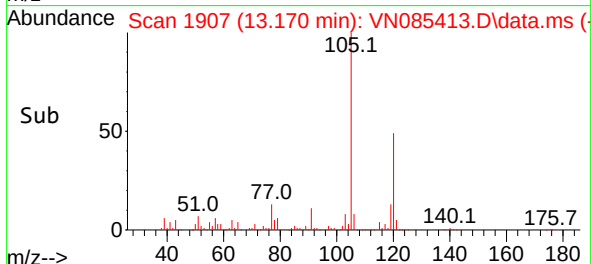
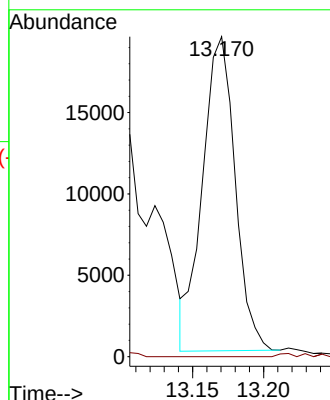
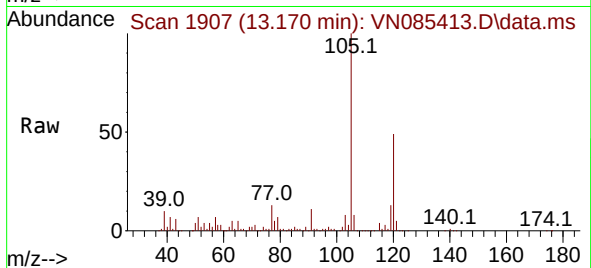




#82
4-Chlorotoluene
Concen: 3.313 ug/l
RT: 13.170 min Scan# 1915
Delta R.T. -0.047 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

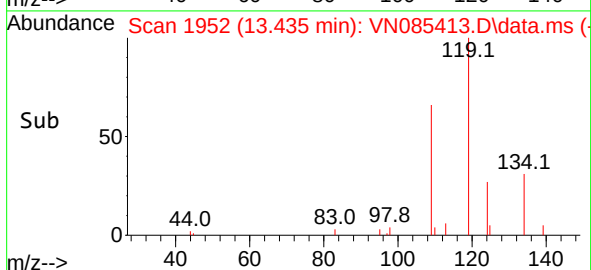
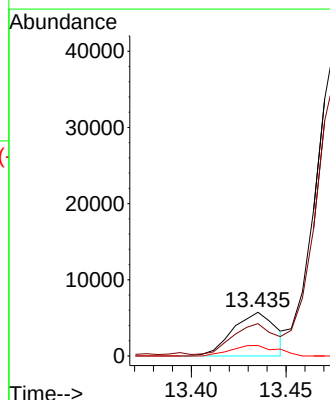
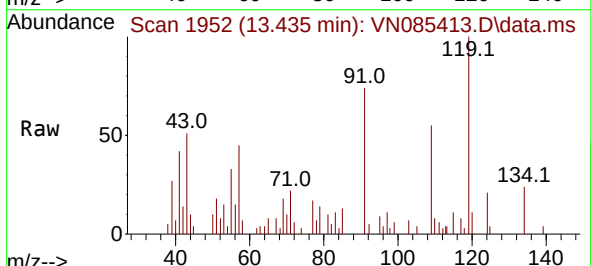
Instrument :
MSVOA_N
ClientSampleId :

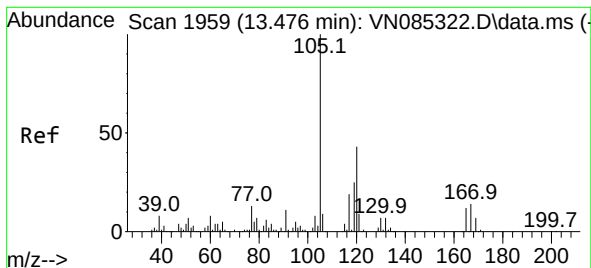
Tgt Ion: 91 Resp: 30876
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.4#



#83
tert-Butylbenzene
Concen: 1.021 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

Tgt Ion: 119 Resp: 9022
Ion Ratio Lower Upper
119 100
91 68.4 33.6 100.8
134 25.5 13.3 39.8





#84

1,2,4-Trimethylbenzene

Concen: 55.356 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VN085413.D

Acq: 09 Jan 2025 16:50

Instrument :

MSVOA_N

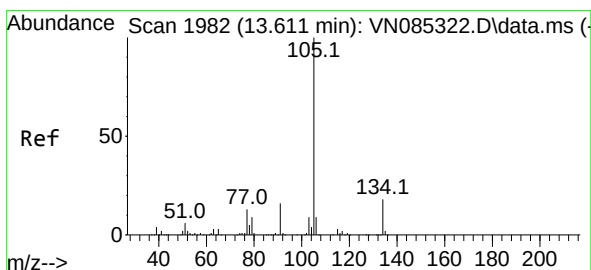
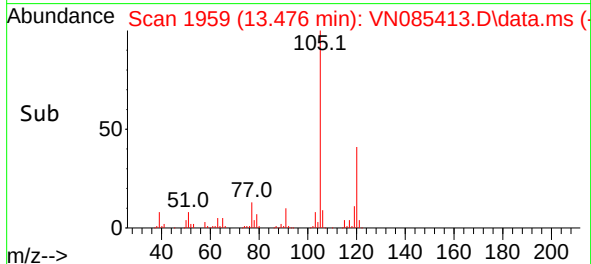
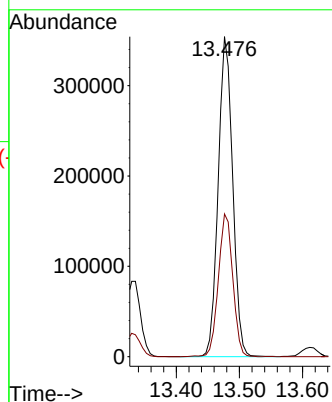
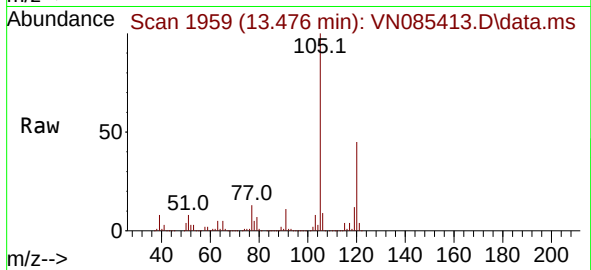
ClientSampleId :

Tgt Ion:105 Resp: 562375

Ion Ratio Lower Upper

105 100

120 44.5 21.7 65.1



#85

sec-Butylbenzene

Concen: 1.447 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VN085413.D

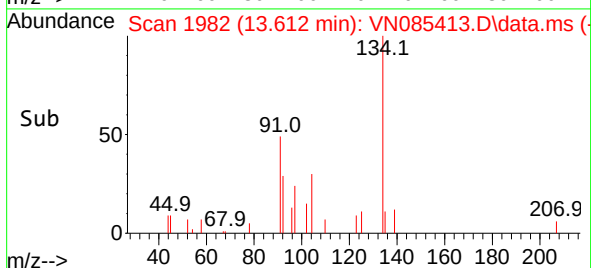
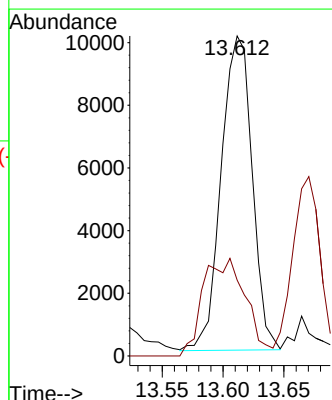
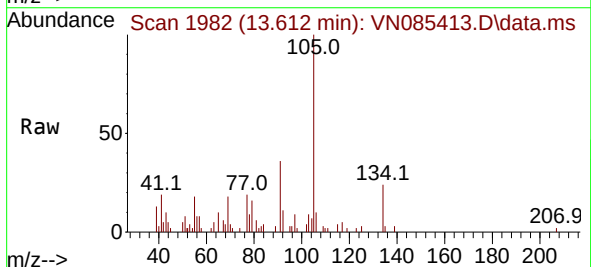
Acq: 09 Jan 2025 16:50

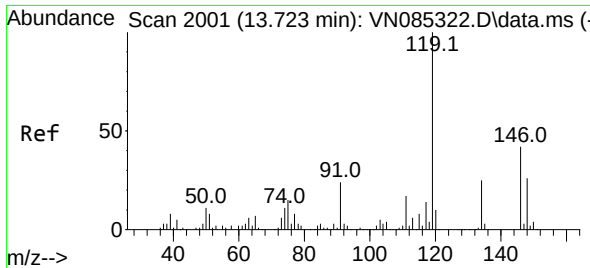
Tgt Ion:105 Resp: 17754

Ion Ratio Lower Upper

105 100

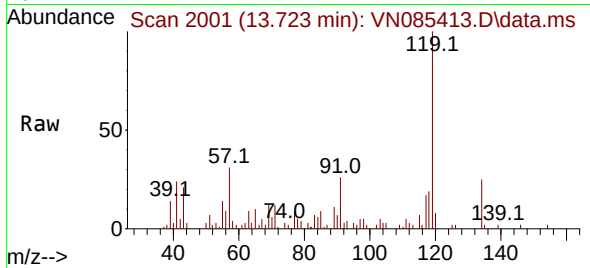
134 42.8 9.4 28.3#



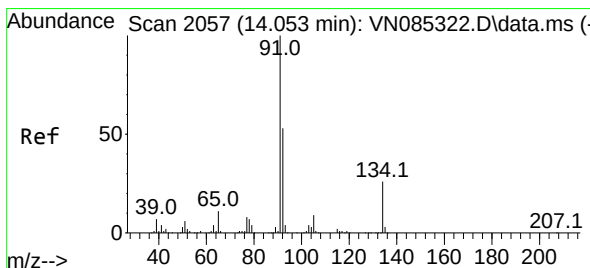
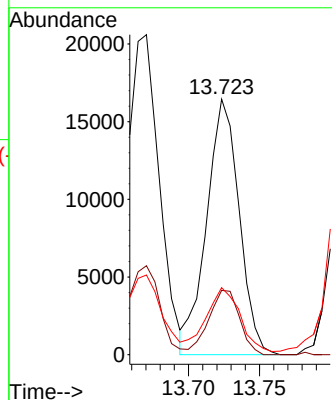
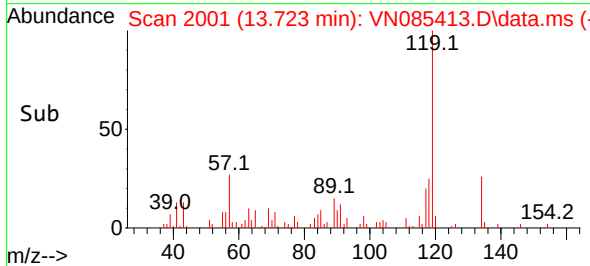


#86
 p-Isopropyltoluene
 Concen: 2.714 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. 0.000 min
 Lab File: VN085413.D
 Acq: 09 Jan 2025 16:50

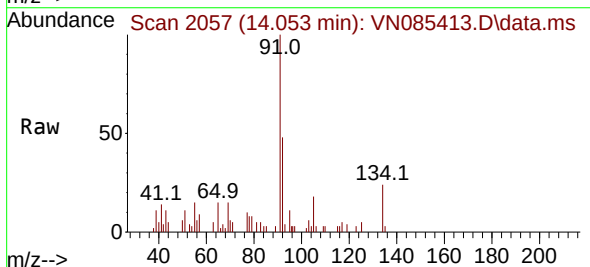
Instrument :
 MSVOA_N
 ClientSampleId :



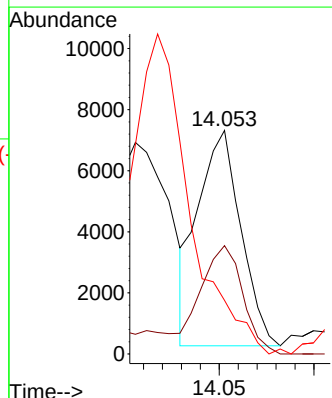
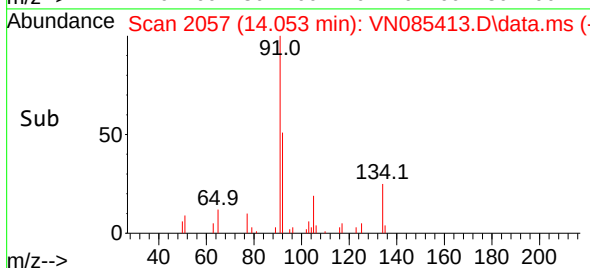
Tgt Ion:119 Resp: 26233
 Ion Ratio Lower Upper
 119 100
 134 23.8 12.5 37.5
 91 25.9 12.2 36.4

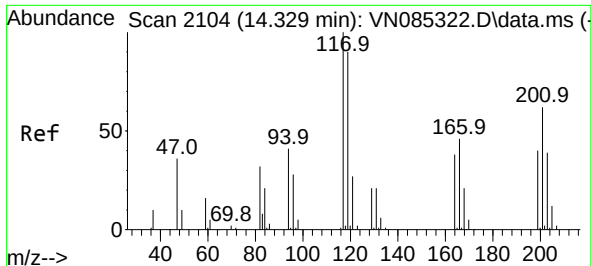


#89
 n-Butylbenzene
 Concen: 1.234 ug/l
 RT: 14.053 min Scan# 2057
 Delta R.T. 0.000 min
 Lab File: VN085413.D
 Acq: 09 Jan 2025 16:50



Tgt Ion: 91 Resp: 11082
 Ion Ratio Lower Upper
 91 100
 92 51.1 26.0 78.0
 134 0.0 12.1 36.3#

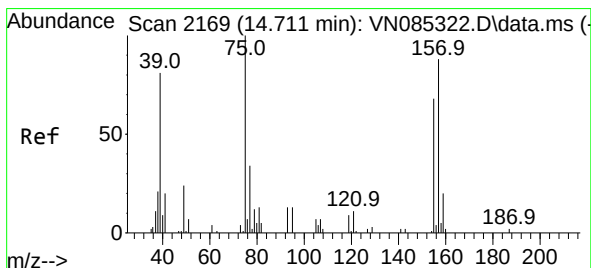
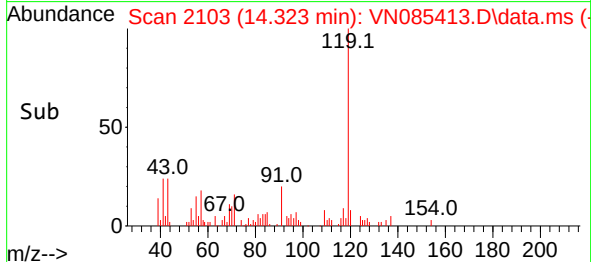
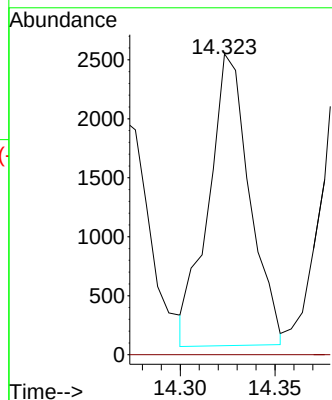
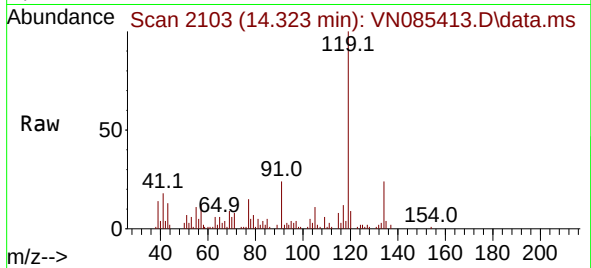




#90
Hexachloroethane
Concen: 1.855 ug/l
RT: 14.323 min Scan# 2103
Delta R.T. -0.006 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

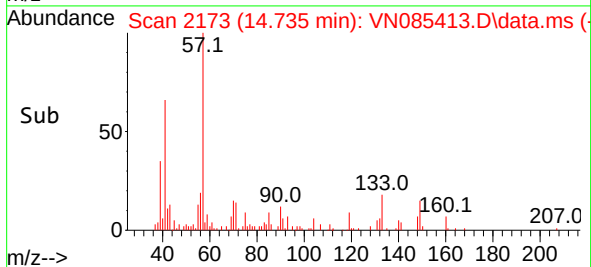
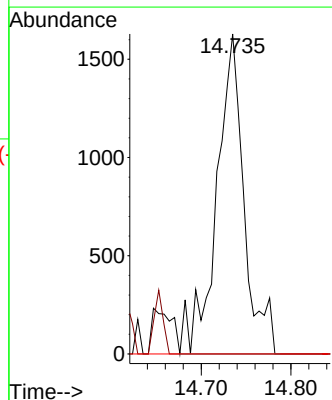
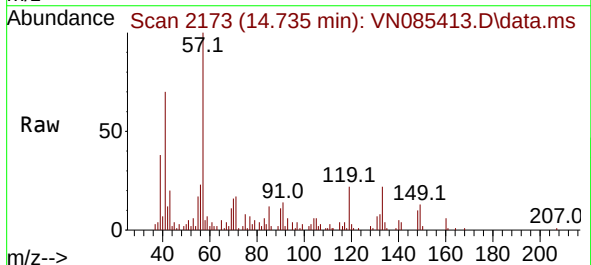
Instrument :
MSVOA_N
ClientSampleId :

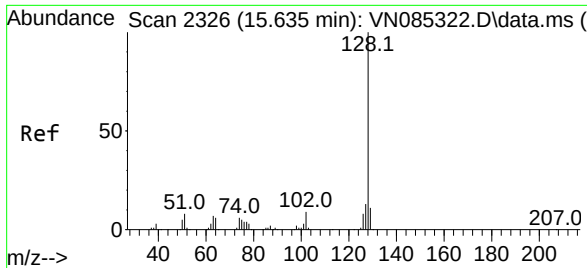
Tgt Ion:117 Resp: 3730
Ion Ratio Lower Upper
117 100
201 0.0 30.7 92.1#



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.835 ug/l
RT: 14.735 min Scan# 2173
Delta R.T. 0.024 min
Lab File: VN085413.D
Acq: 09 Jan 2025 16:50

Tgt Ion: 75 Resp: 3457
Ion Ratio Lower Upper
75 100
155 0.0 35.6 106.9#
157 0.0 47.0 141.0#





#95

Naphthalene

Concen: 54.220 ug/l

RT: 15.635 min Scan# 21

Delta R.T. 0.000 min

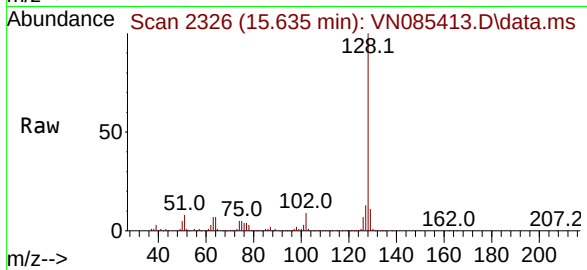
Lab File: VN085413.D

Acq: 09 Jan 2025 16:50

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:128 Resp: 495202

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.2 8.5 12.7

