

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112922\
 Data File : VN075483.D
 Acq On : 29 Nov 2022 18:02
 Operator : JC\MD
 Sample : N5795-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-10

Quant Time: Nov 30 02:30:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

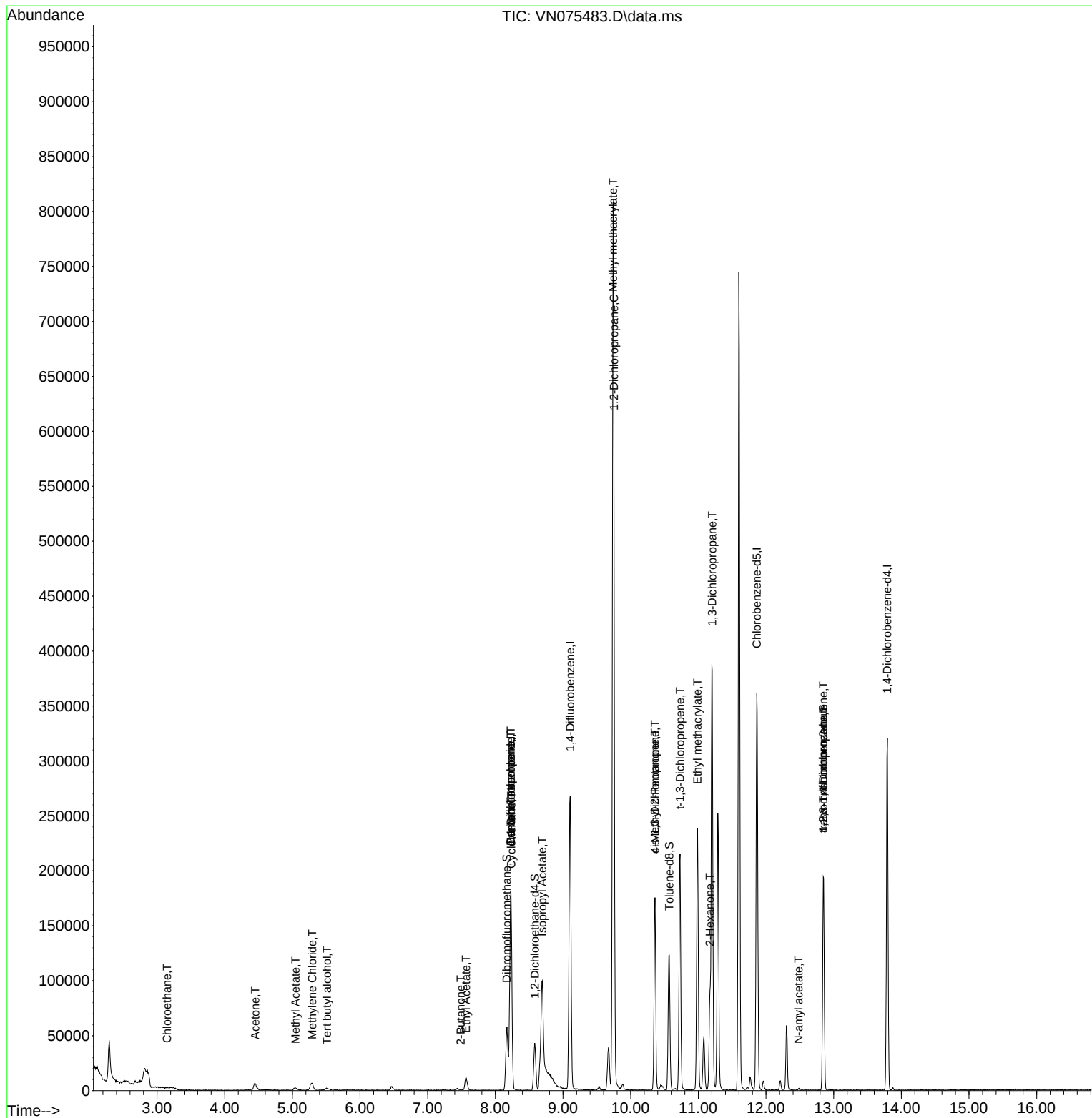
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.229	168	141734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	248179	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	225935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	90431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	34030	44.729	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.460%
35) Dibromofluoromethane	8.171	113	39999	41.028	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	82.060%
50) Toluene-d8	10.570	98	89934	40.957	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	81.920%#
62) 4-Bromofluorobenzene	12.847	95	65693	40.533	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	81.060%#
Target Compounds						
					Qvalue	
6) Chloroethane	3.147	64	385	0.299	ug/l #	45
11) Tert butyl alcohol	5.512	59	1511	4.731	ug/l #	72
16) Acetone	4.453	43	12600	17.755	ug/l	99
18) Methyl Acetate	5.047	43	4666	1.348	ug/l	96
20) Methylene Chloride	5.294	84	5833	2.847	ug/l #	84
25) 2-Butanone	7.488	43	751	0.758	ug/l #	43
31) Cyclohexane	8.235	56	2780	1.150	ug/l #	43
36) 1,1-Dichloropropene	8.229	75	10355	4.870	ug/l #	50
37) Ethyl Acetate	7.565	43	17694	9.243	ug/l	98
38) Carbon Tetrachloride	8.229	117	14772	6.325	ug/l #	16
43) Isopropyl Acetate	8.694	43	134885	43.896	ug/l #	78
45) 1,2-Dichloropropane	9.753	63	1268	0.817	ug/l #	42
48) Methyl methacrylate	9.741	41	71814	50.542	ug/l #	33
51) 4-Methyl-2-Pentanone	10.359	43	59069	30.181	ug/l #	44
53) t-1,3-Dichloropropene	10.729	75	498	0.218	ug/l #	43
54) cis-1,3-Dichloropropene	10.359	75	34376	13.875	ug/l #	61
56) Ethyl methacrylate	10.988	69	788	0.342	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	4577	1.643	ug/l #	42
59) 2-Hexanone	11.170	43	65754	44.742	ug/l #	21
74) N-amyl acetate	12.482	43	624	0.307	ug/l #	38
76) 1,2,3-Trichloropropane	12.847	75	32943	19.267	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	32943	57.007	ug/l #	10

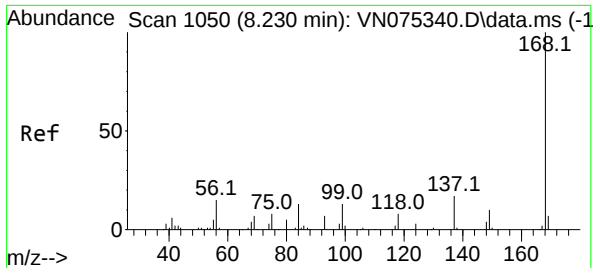
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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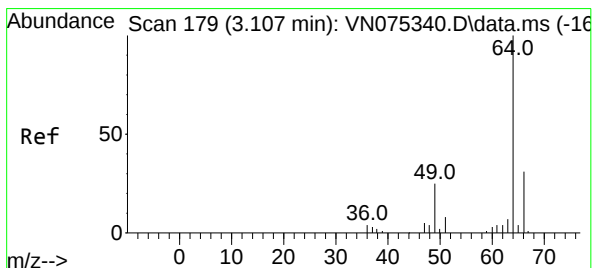
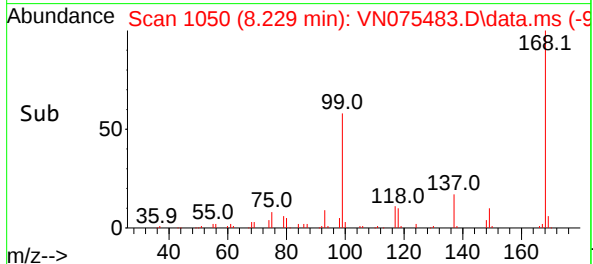
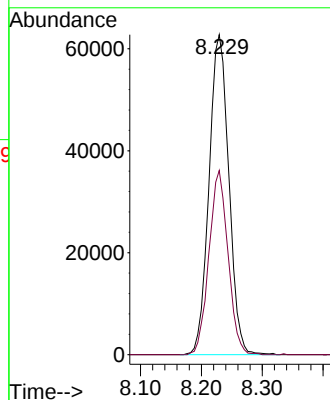
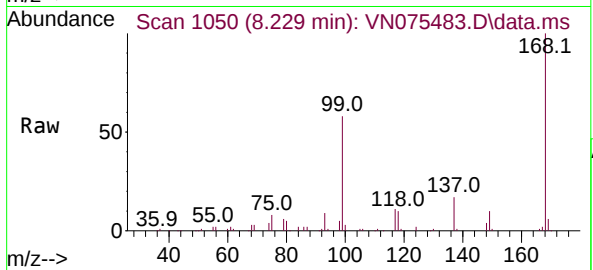




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN075483.D
Acq: 29 Nov 2022 18:02

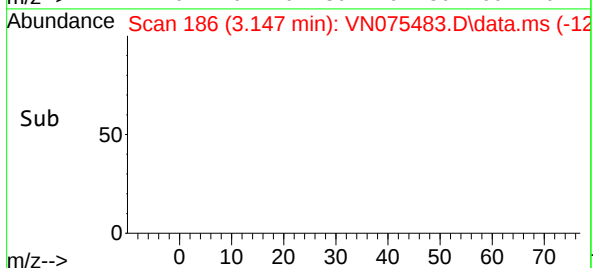
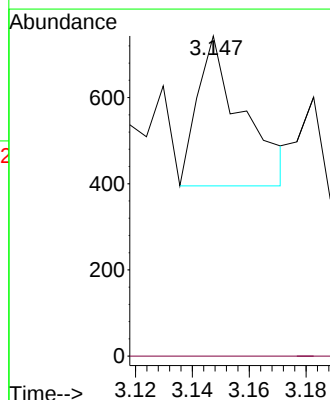
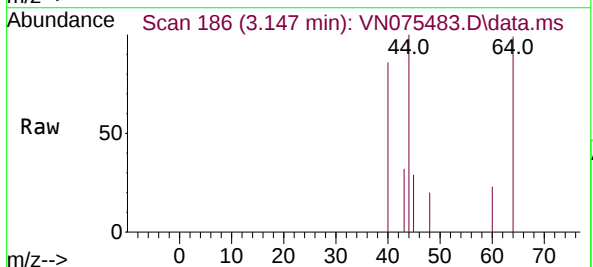
Instrument :
MSVOA_N
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TP-10

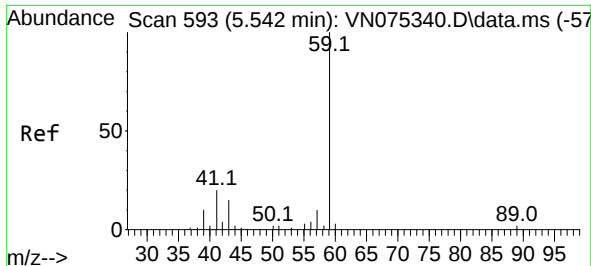
Tgt Ion:168 Resp: 141734
Ion Ratio Lower Upper
168 100
99 57.6 51.6 77.4



#6
Chloroethane
Concen: 0.299 ug/l
RT: 3.147 min Scan# 186
Delta R.T. 0.040 min
Lab File: VN075483.D
Acq: 29 Nov 2022 18:02

Tgt Ion: 64 Resp: 385
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#

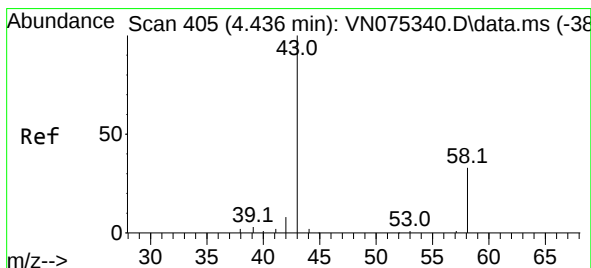
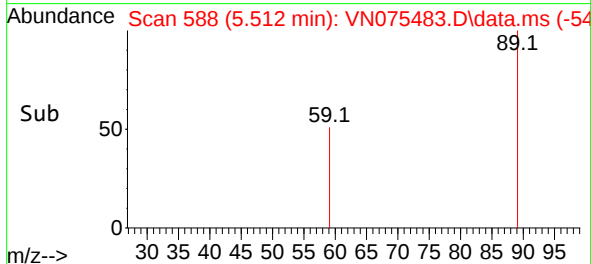
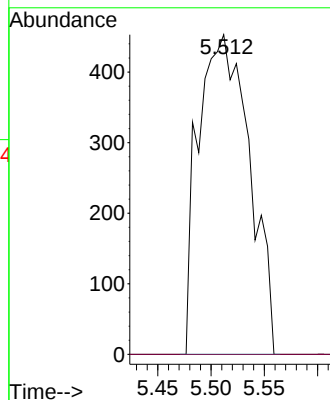
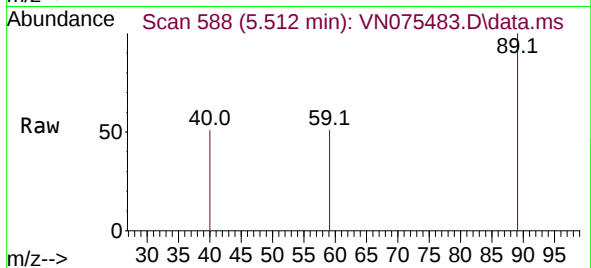




#11
Tert butyl alcohol
Concen: 4.731 ug/l
RT: 5.512 min Scan# 51
Delta R.T. -0.030 min
Lab File: VN075483.D
Acq: 29 Nov 2022 18:02

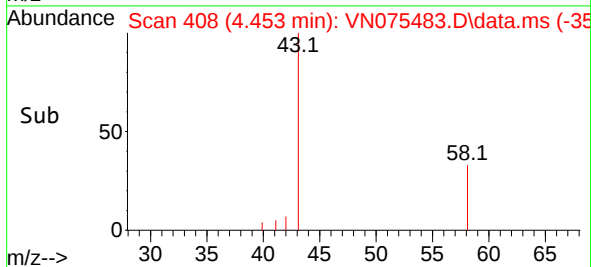
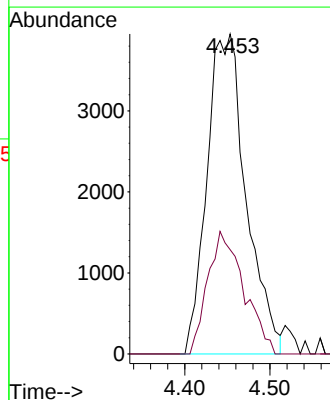
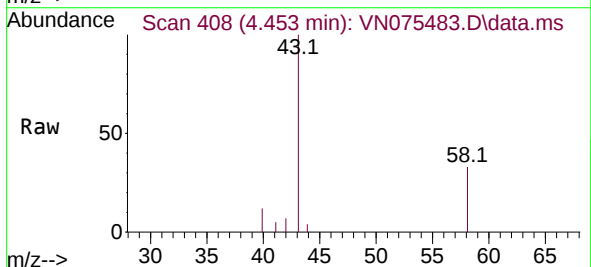
Instrument :
MSVOA_N
ClientSampleId :
TP-10

Tgt Ion: 59 Resp: 1511
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#16
Acetone
Concen: 17.755 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.017 min
Lab File: VN075483.D
Acq: 29 Nov 2022 18:02

Tgt Ion: 43 Resp: 12600
Ion Ratio Lower Upper
43 100
58 32.6 25.5 38.3

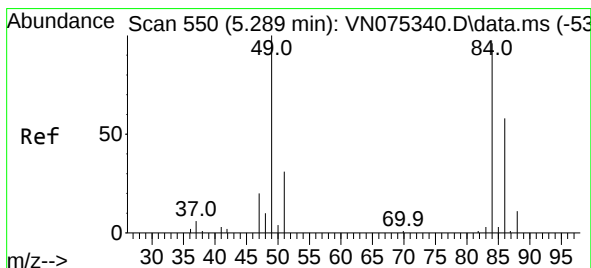
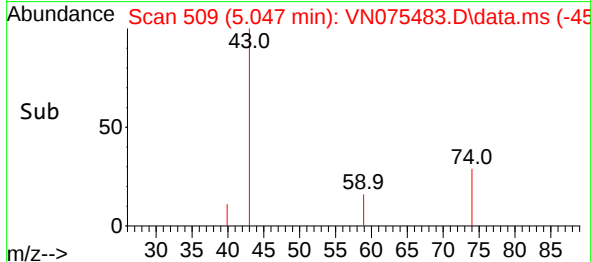
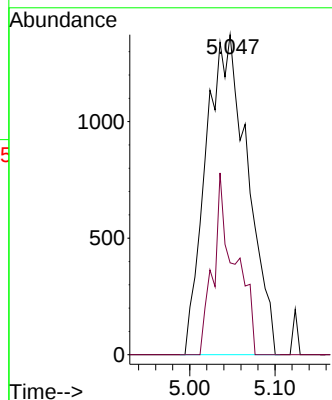
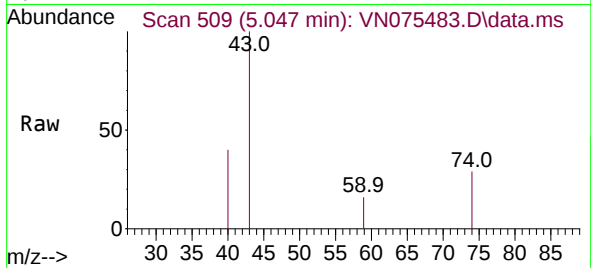




#18
Methyl Acetate
Concen: 1.348 ug/l
RT: 5.047 min Scan# 509
Delta R.T. 0.011 min
Lab File: VN075483.D
Acq: 29 Nov 2022 18:02

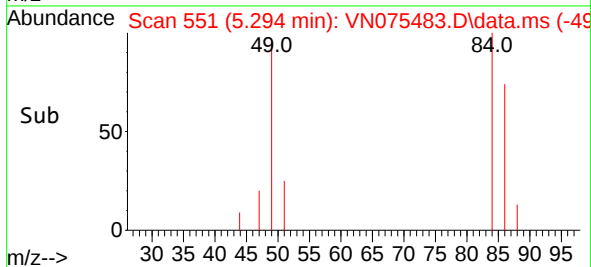
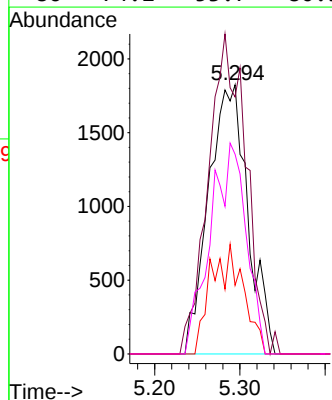
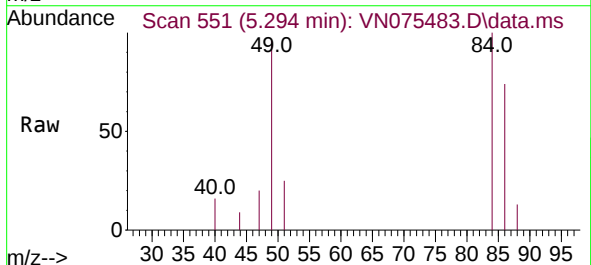
Instrument :
MSVOA_N
ClientSampleId :
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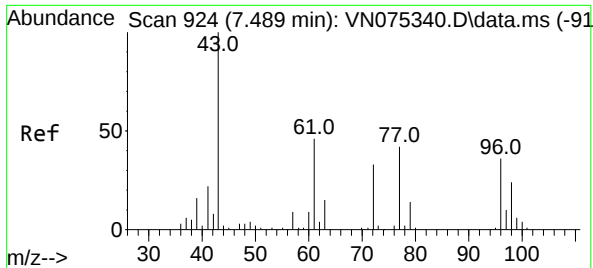
Tgt Ion: 43 Resp: 4666
Ion Ratio Lower Upper
43 100
74 29.5 22.0 33.0



#20
Methylene Chloride
Concen: 2.847 ug/l
RT: 5.294 min Scan# 551
Delta R.T. 0.005 min
Lab File: VN075483.D
Acq: 29 Nov 2022 18:02

Tgt Ion: 84 Resp: 5833
Ion Ratio Lower Upper
84 100
49 95.5 94.9 142.3
51 25.5 26.8 40.2#
86 74.2 53.7 80.5

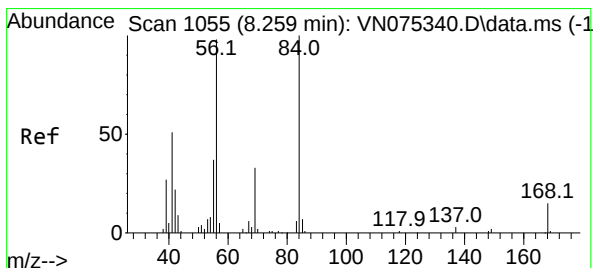
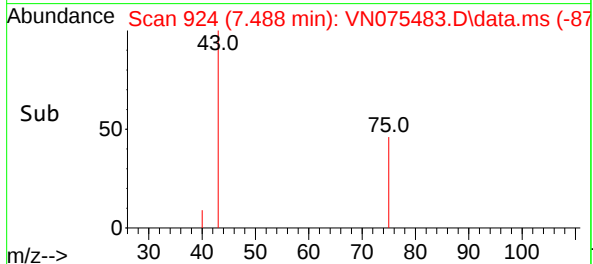
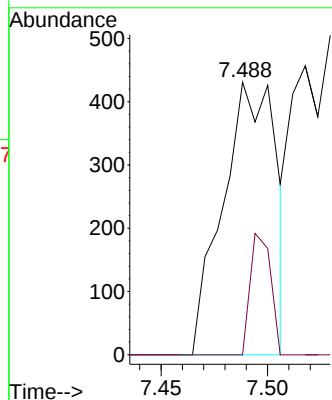
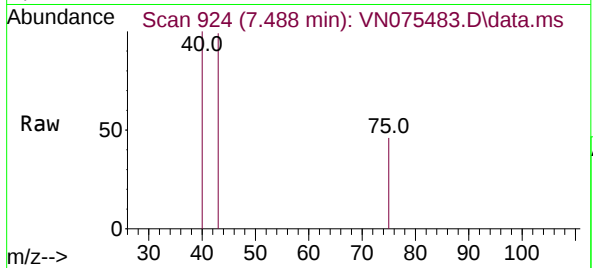




#25
2-Butanone
Concen: 0.758 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.001 min
Lab File: VN075483.D
Acq: 29 Nov 2022 18:02

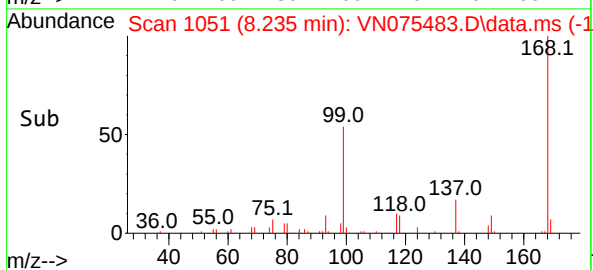
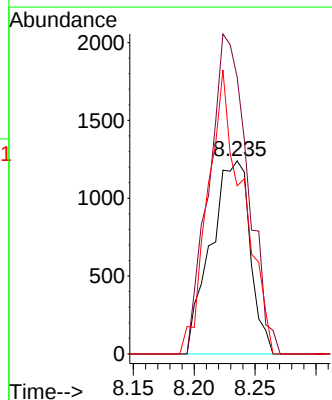
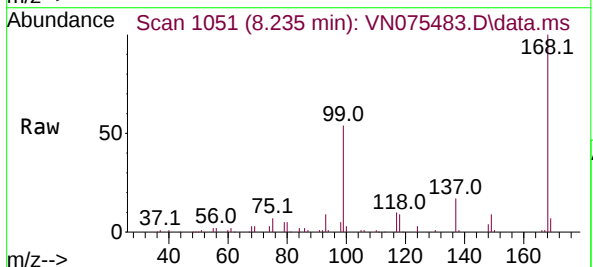
Instrument :
MSVOA_N
ClientSampleId :
TP-10

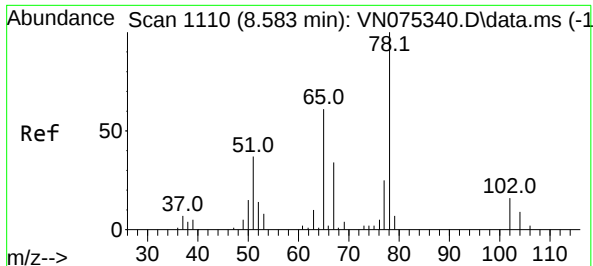
Tgt Ion: 43 Resp: 751
Ion Ratio Lower Upper
43 100
72 0.0 25.5 38.3#



#31
Cyclohexane
Concen: 1.150 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. -0.024 min
Lab File: VN075483.D
Acq: 29 Nov 2022 18:02

Tgt Ion: 56 Resp: 2780
Ion Ratio Lower Upper
56 100
69 143.4 25.2 37.8#
84 87.1 77.8 116.8





#33

1,2-Dichloroethane-d4

Concen: 44.729 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075483.D

Acq: 29 Nov 2022 18:02

Instrument :

MSVOA_N

ClientSampleId :

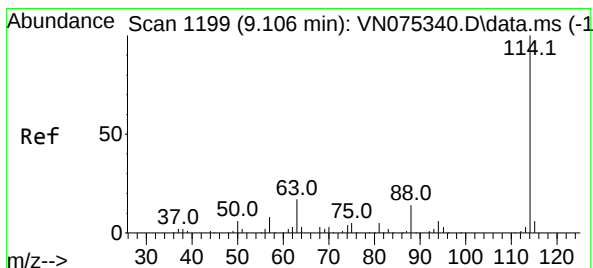
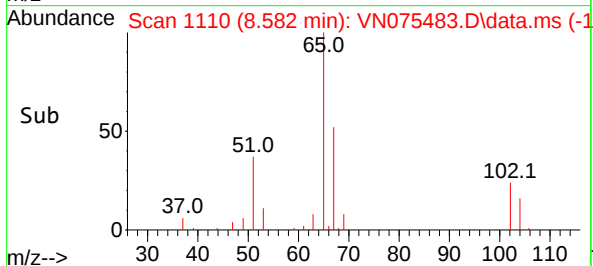
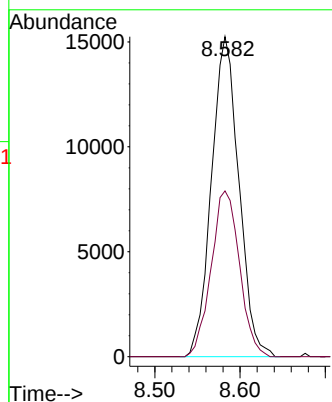
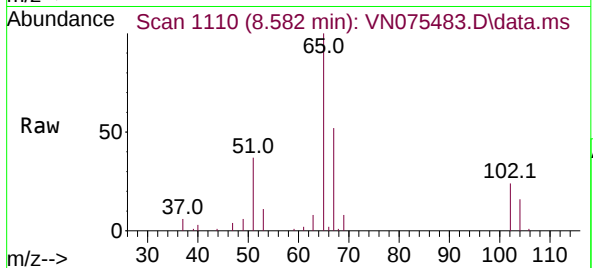
TP-10

Tgt Ion: 65 Resp: 34030

Ion Ratio Lower Upper

65 100

67 53.6 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075483.D

Acq: 29 Nov 2022 18:02

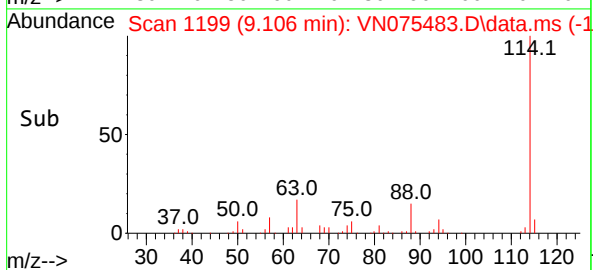
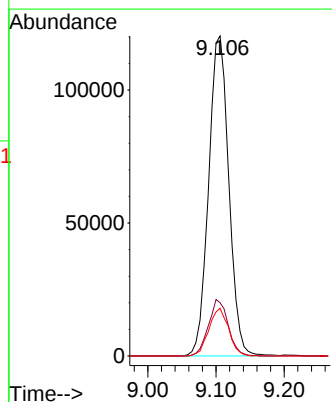
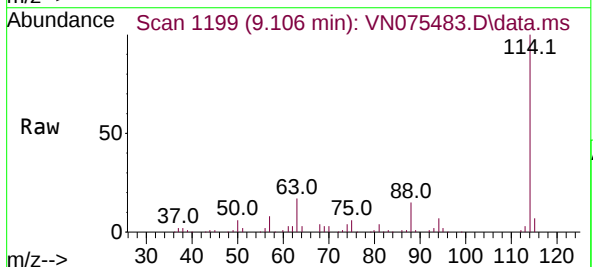
Tgt Ion:114 Resp: 248179

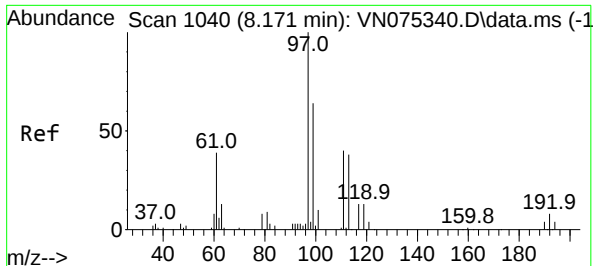
Ion Ratio Lower Upper

114 100

63 16.7 0.0 39.6

88 14.9 0.0 29.0





#35

Dibromofluoromethane

Concen: 41.028 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075483.D

Acq: 29 Nov 2022 18:02

Instrument :

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ClientSampleId :

TP-10

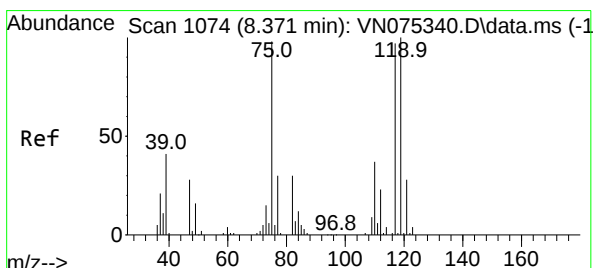
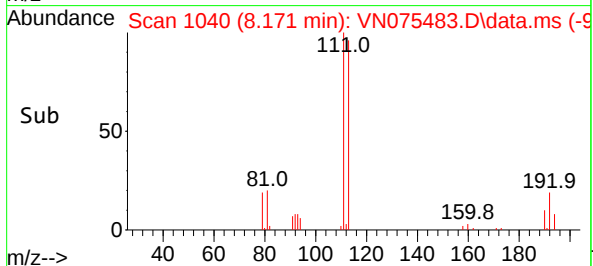
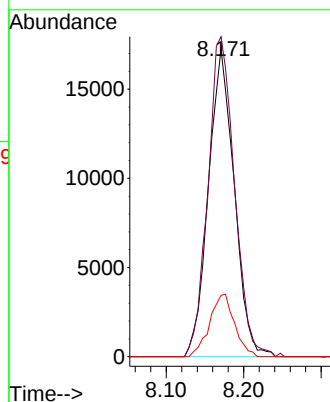
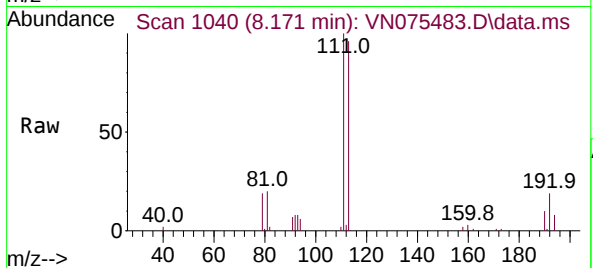
Tgt Ion:113 Resp: 39999

Ion Ratio Lower Upper

113 100

111 106.8 80.5 120.7

192 19.5 13.2 19.8



#36

1,1-Dichloropropene

Concen: 4.870 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.142 min

Lab File: VN075483.D

Acq: 29 Nov 2022 18:02

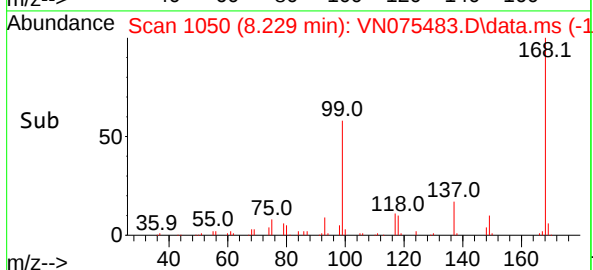
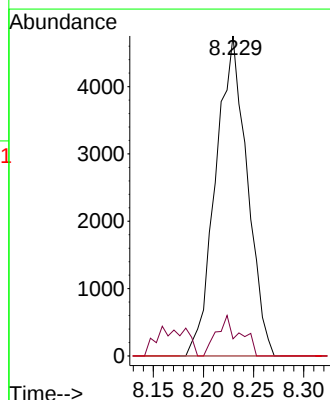
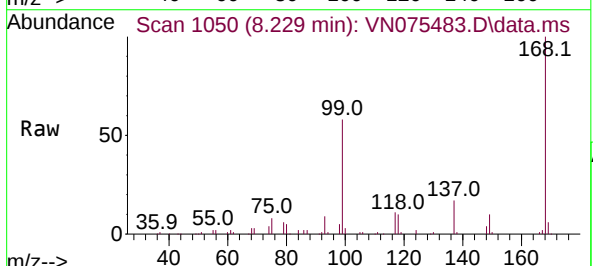
Tgt Ion: 75 Resp: 10355

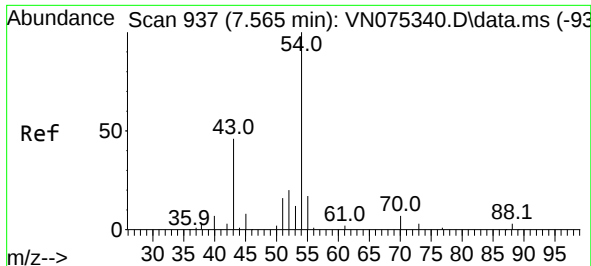
Ion Ratio Lower Upper

75 100

110 9.3 17.8 53.3#

77 0.0 24.6 37.0#

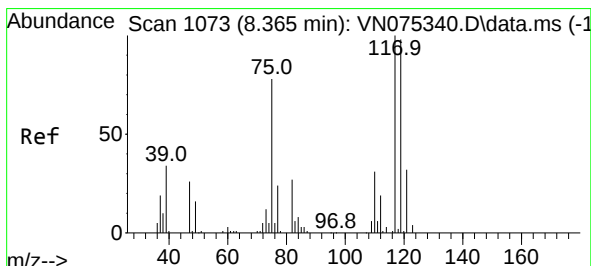
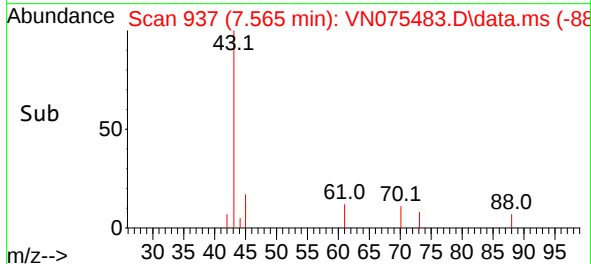
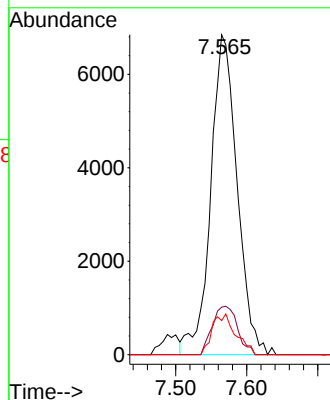
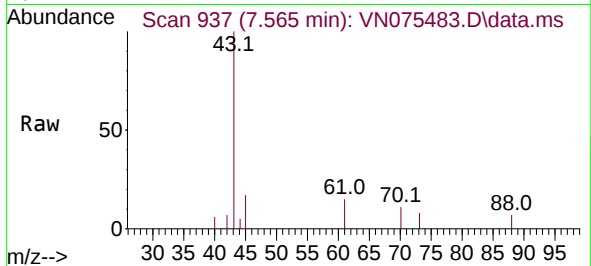




#37
Ethyl Acetate
Concen: 9.243 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075483.D
Acq: 29 Nov 2022 18:02

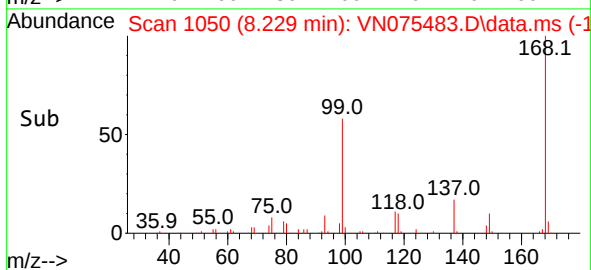
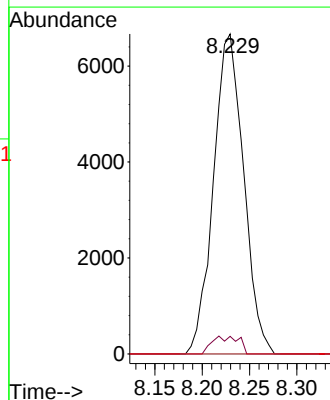
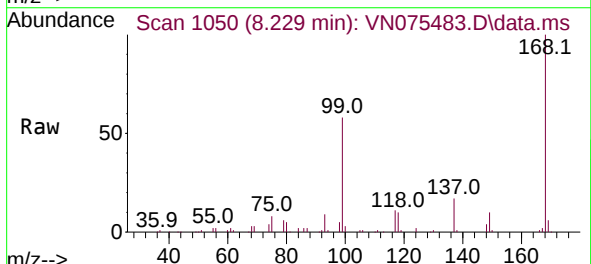
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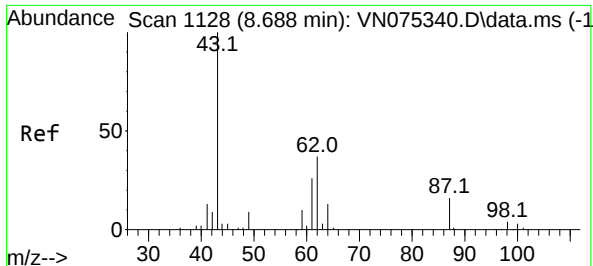
Tgt Ion:	43	Resp:	17694
Ion	Ratio	Lower	Upper
43	100		
61	14.4	12.2	18.4
70	11.4	9.4	14.2



#38
Carbon Tetrachloride
Concen: 6.325 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.136 min
Lab File: VN075483.D
Acq: 29 Nov 2022 18:02

Tgt Ion:	117	Resp:	14772
Ion	Ratio	Lower	Upper
117	100		
119	5.5	76.7	115.1#
121	0.0	23.9	35.9#

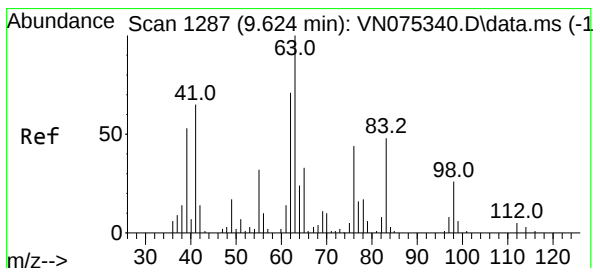
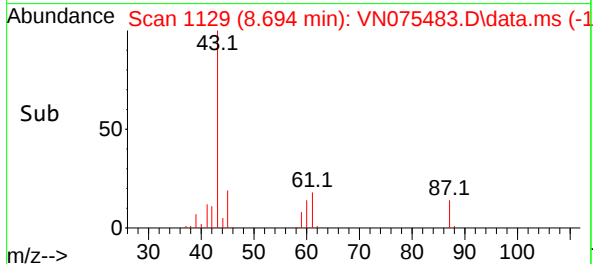
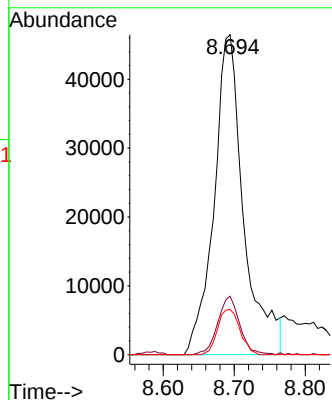
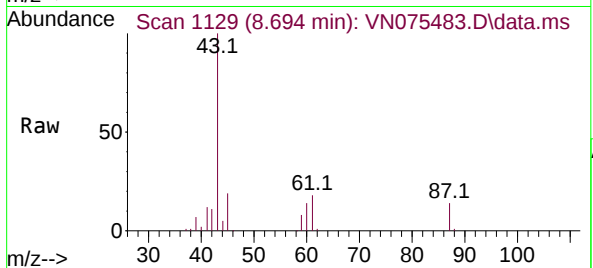




#43
Isopropyl Acetate
Concen: 43.896 ug/l
RT: 8.694 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN075483.D
Acq: 29 Nov 2022 18:02

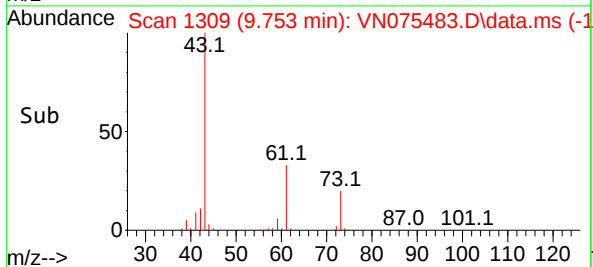
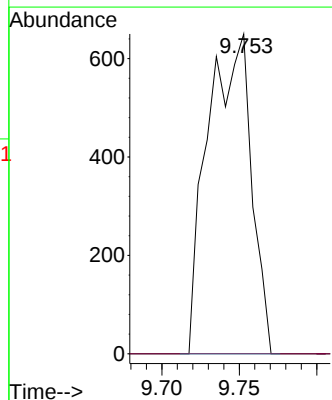
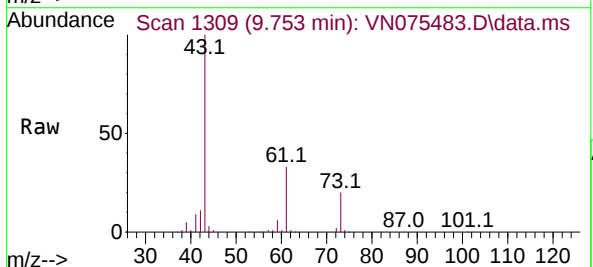
Instrument :
MSVOA_N
ClientSampleId :
TP-10

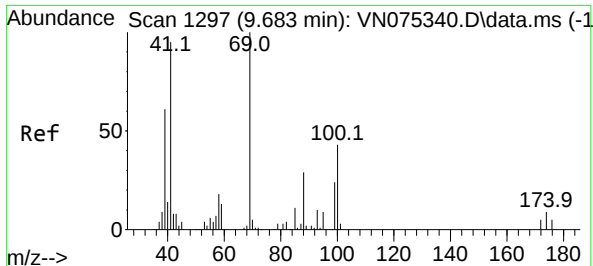
Tgt Ion: 43 Resp: 134885
Ion Ratio Lower Upper
43 100
61 13.5 22.4 33.6#
87 10.6 12.5 18.7#



#45
1,2-Dichloropropane
Concen: 0.817 ug/l
RT: 9.753 min Scan# 1309
Delta R.T. 0.129 min
Lab File: VN075483.D
Acq: 29 Nov 2022 18:02

Tgt Ion: 63 Resp: 1268
Ion Ratio Lower Upper
63 100
65 0.0 26.1 39.1#





#48

Methyl methacrylate

Concen: 50.542 ug/l

RT: 9.741 min Scan# 11

Delta R.T. 0.058 min

Lab File: VN075483.D

Acq: 29 Nov 2022 18:02

Instrument :

MSVOA_N

ClientSampleId :

TP-10

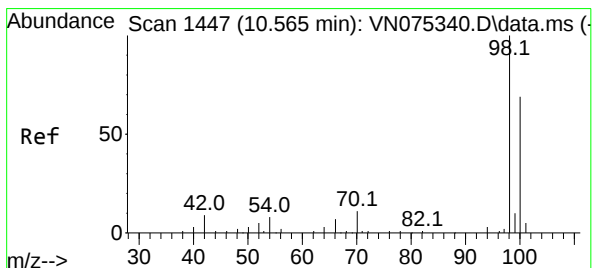
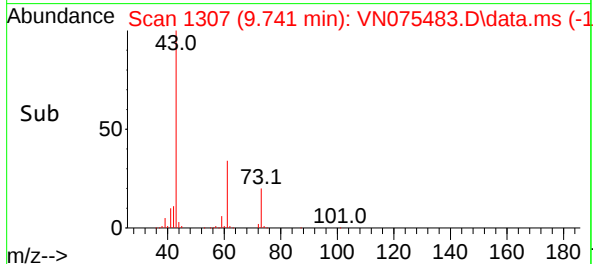
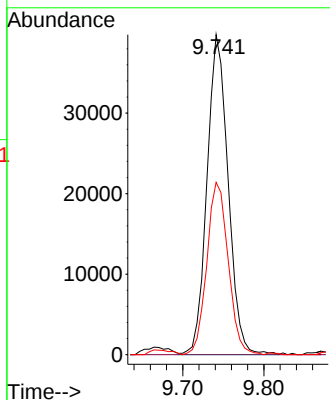
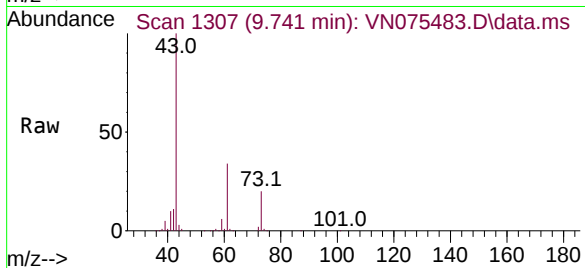
Tgt Ion: 41 Resp: 71814

Ion Ratio Lower Upper

41 100

69 0.0 80.2 120.2#

39 54.5 56.2 84.2#



#50

Toluene-d8

Concen: 40.957 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. 0.005 min

Lab File: VN075483.D

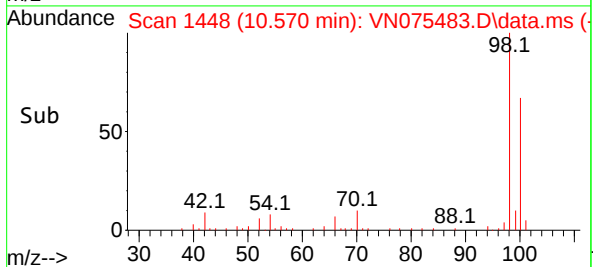
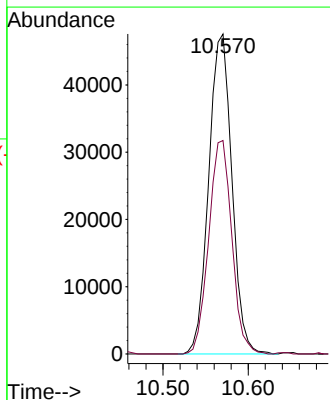
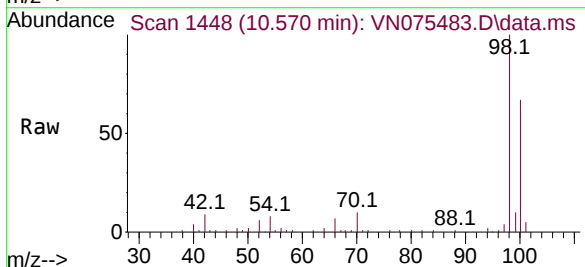
Acq: 29 Nov 2022 18:02

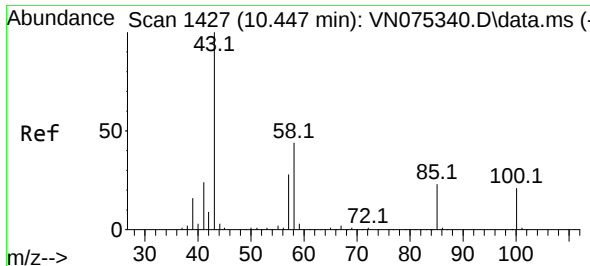
Tgt Ion: 98 Resp: 89934

Ion Ratio Lower Upper

98 100

100 66.5 53.0 79.6

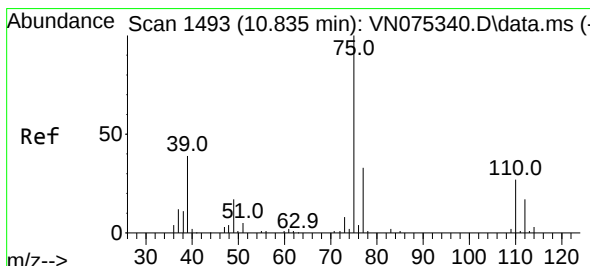
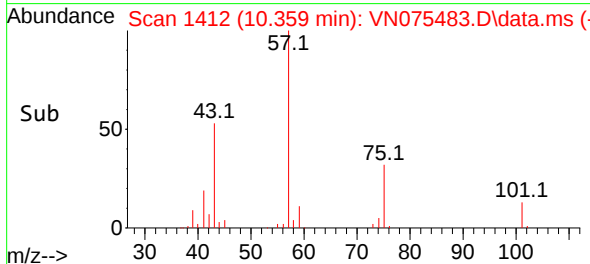
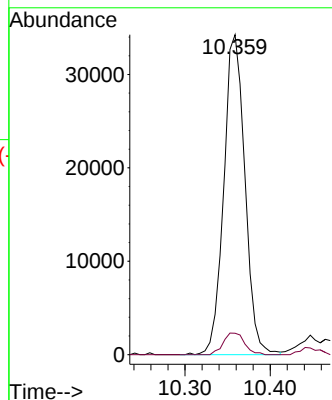
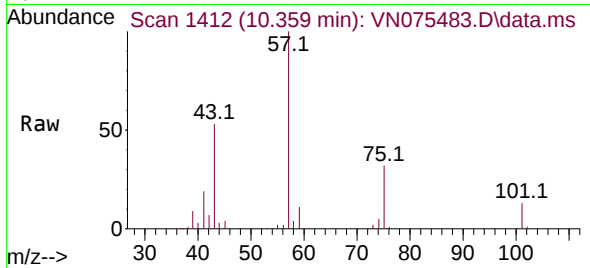




#51
4-Methyl-2-Pentanone
Concen: 30.181 ug/l
RT: 10.359 min Scan# 1412
Delta R.T. -0.088 min
Lab File: VN075483.D
Acq: 29 Nov 2022 18:02

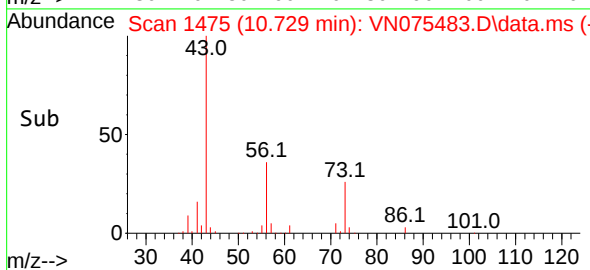
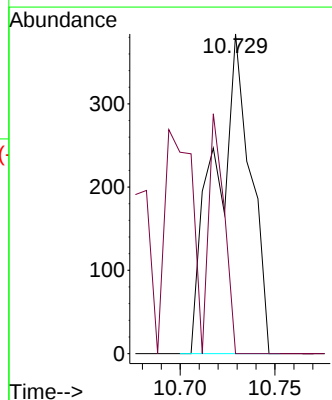
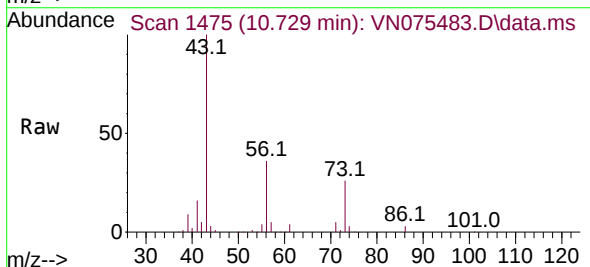
Instrument :
MSVOA_N
ClientSampleId :
TP-10

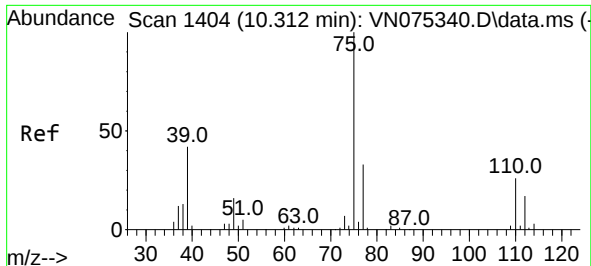
Tgt Ion: 43 Resp: 59069
Ion Ratio Lower Upper
43 100
58 6.8 33.6 50.4#



#53
t-1,3-Dichloropropene
Concen: 0.218 ug/l
RT: 10.729 min Scan# 1475
Delta R.T. -0.106 min
Lab File: VN075483.D
Acq: 29 Nov 2022 18:02

Tgt Ion: 75 Resp: 498
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2#

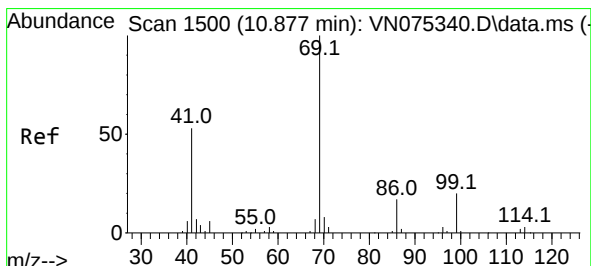
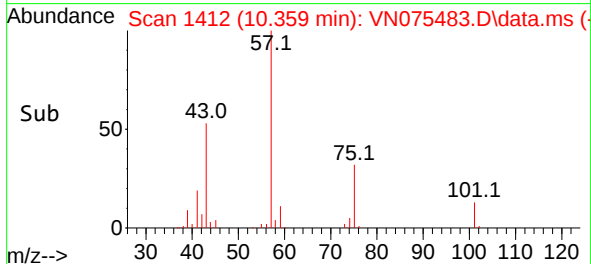
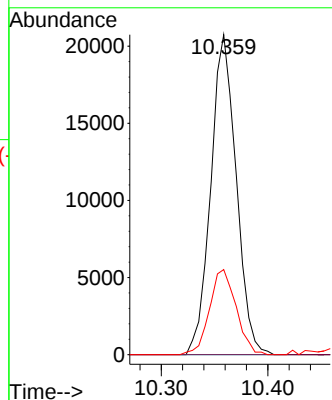
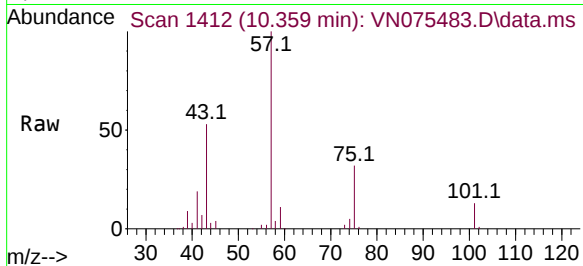




#54
 cis-1,3-Dichloropropene
 Concen: 13.875 ug/l
 RT: 10.359 min Scan# 1412
 Delta R.T. 0.047 min
 Lab File: VN075483.D
 Acq: 29 Nov 2022 18:02

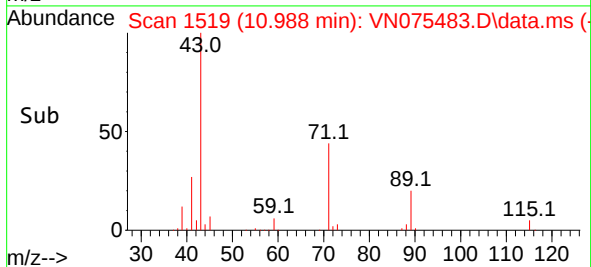
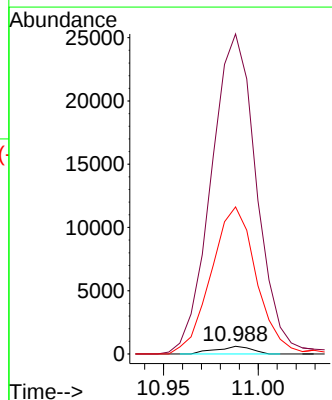
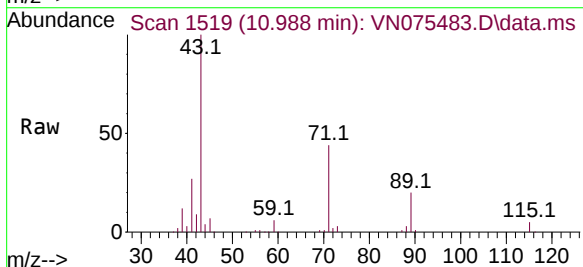
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-10

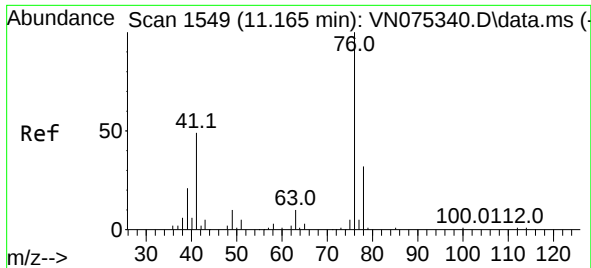
Tgt Ion: 75 Resp: 34376
 Ion Ratio Lower Upper
 75 100
 77 0.0 23.7 35.5#
 39 26.6 35.8 53.6#



#56
 Ethyl methacrylate
 Concen: 0.342 ug/l
 RT: 10.988 min Scan# 1519
 Delta R.T. 0.111 min
 Lab File: VN075483.D
 Acq: 29 Nov 2022 18:02

Tgt Ion: 69 Resp: 788
 Ion Ratio Lower Upper
 69 100
 41 5374.7 45.6 68.4#
 39 2474.0 28.5 42.7#

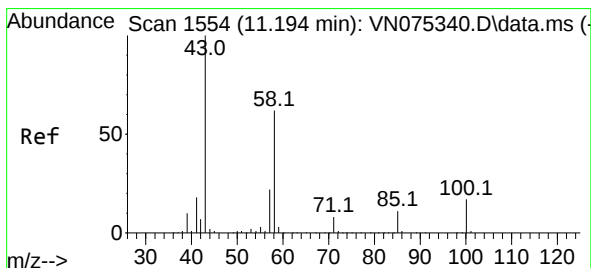
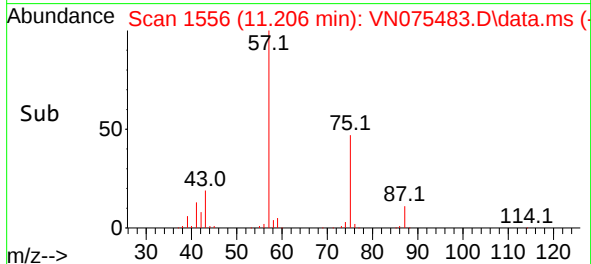
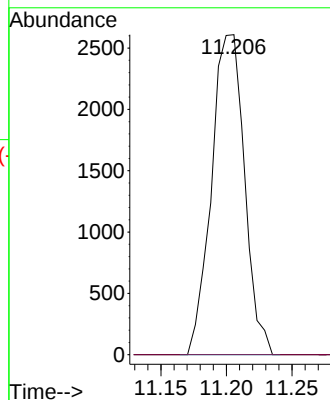
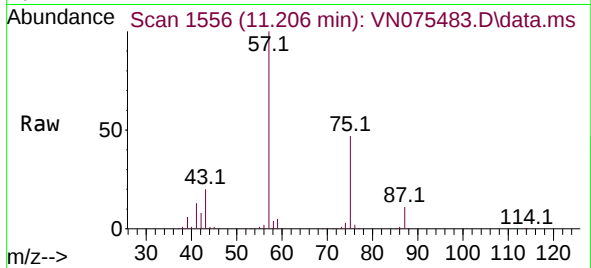




#57
1,3-Dichloropropane
Concen: 1.643 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN075483.D
Acq: 29 Nov 2022 18:02

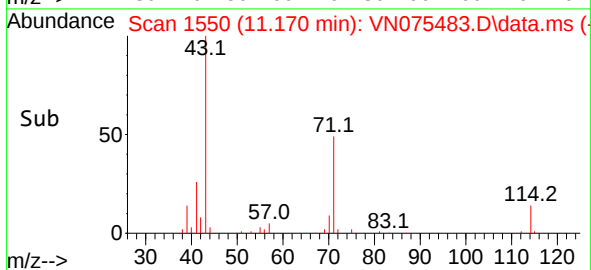
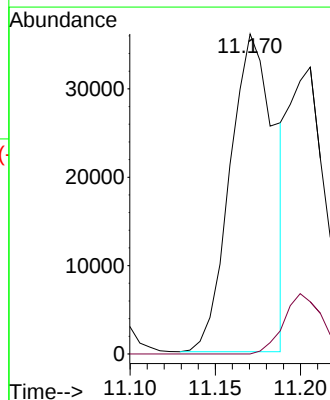
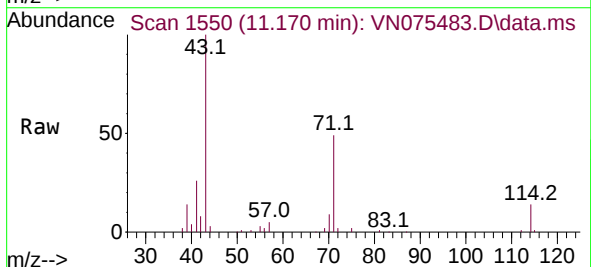
Instrument :
MSVOA_N
ClientSampleId :
TP-10

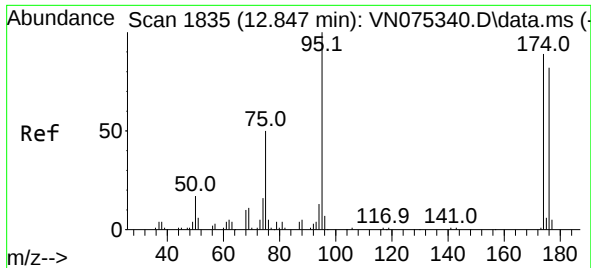
Tgt Ion: 76 Resp: 4577
Ion Ratio Lower Upper
76 100
78 0.0 25.8 38.6#



#59
2-Hexanone
Concen: 44.742 ug/l
RT: 11.170 min Scan# 1550
Delta R.T. -0.024 min
Lab File: VN075483.D
Acq: 29 Nov 2022 18:02

Tgt Ion: 43 Resp: 65754
Ion Ratio Lower Upper
43 100
58 0.0 29.6 88.8#

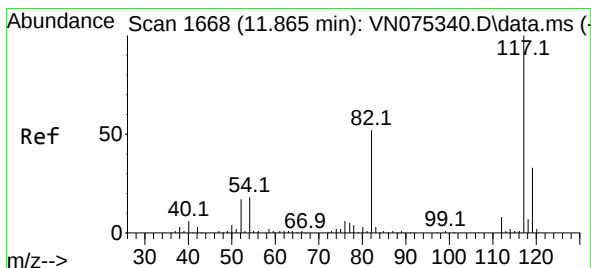
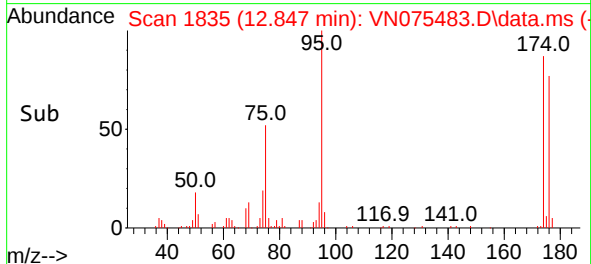
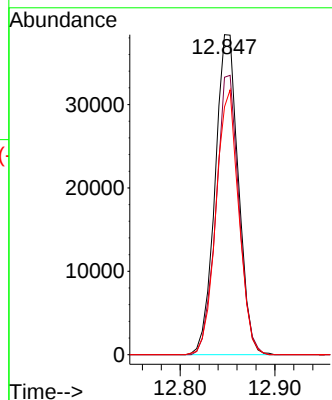
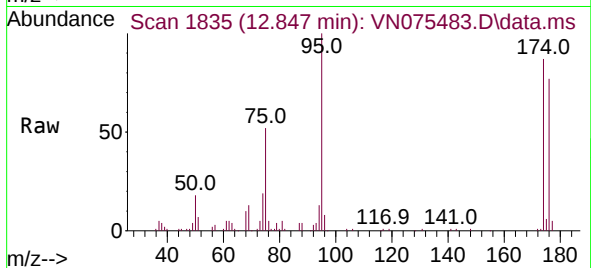




#62
4-Bromofluorobenzene
Concen: 40.533 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN075483.D
Acq: 29 Nov 2022 18:02

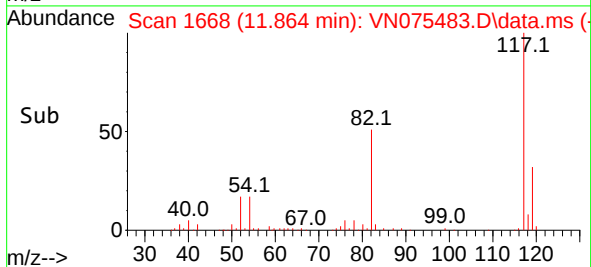
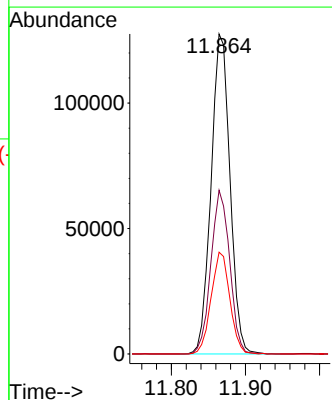
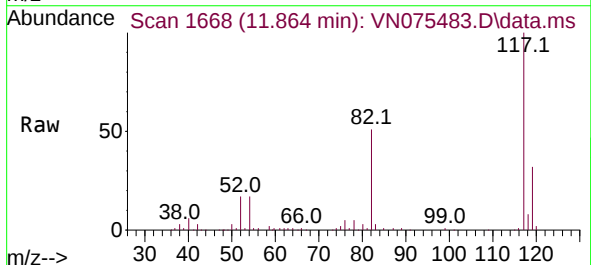
Instrument :
MSVOA_N
ClientSampleId :
TP-10

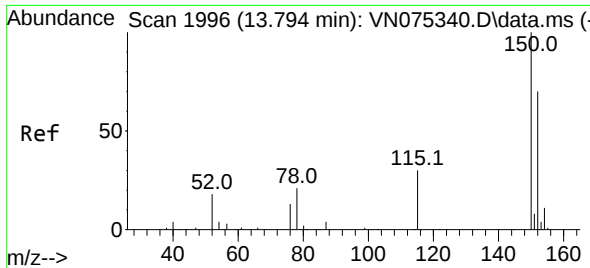
Tgt Ion: 95 Resp: 65693
Ion Ratio Lower Upper
95 100
174 85.4 0.0 147.4
176 80.8 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1668
Delta R.T. -0.001 min
Lab File: VN075483.D
Acq: 29 Nov 2022 18:02

Tgt Ion: 117 Resp: 225935
Ion Ratio Lower Upper
117 100
82 51.2 43.1 64.7
119 31.8 25.5 38.3

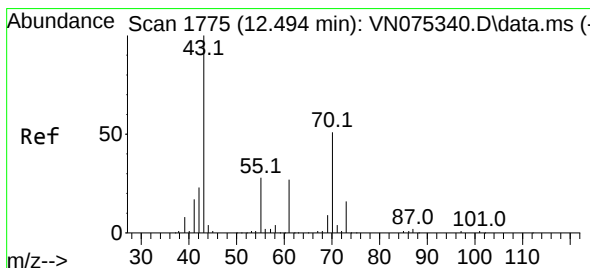
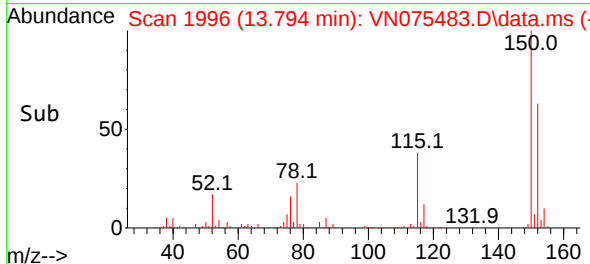
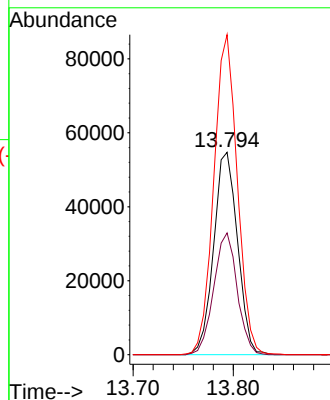
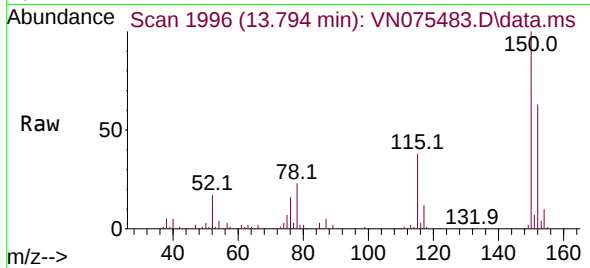




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075483.D
Acq: 29 Nov 2022 18:02

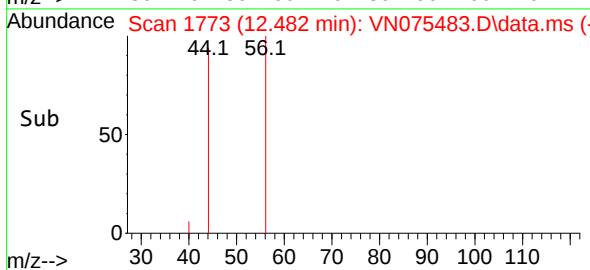
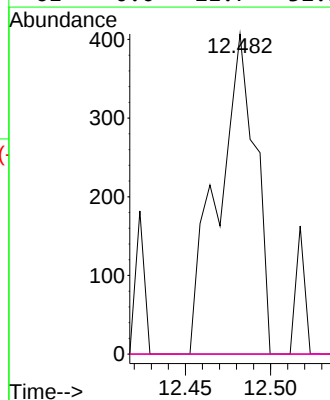
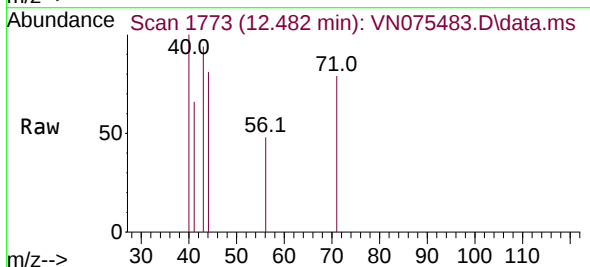
Instrument :
MSVOA_N
ClientSampleId :
TP-10

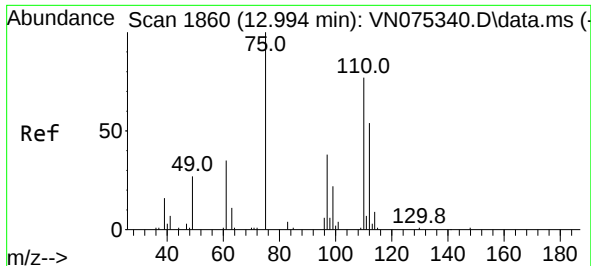
Tgt Ion:152 Resp: 90431
Ion Ratio Lower Upper
152 100
115 59.2 30.2 90.6
150 155.5 0.0 348.4



#74
N-ethyl acetate
Concen: 0.307 ug/l
RT: 12.482 min Scan# 1773
Delta R.T. -0.012 min
Lab File: VN075483.D
Acq: 29 Nov 2022 18:02

Tgt Ion: 43 Resp: 624
Ion Ratio Lower Upper
43 100
70 0.0 39.8 59.8#
55 0.0 19.9 29.9#
61 0.0 21.7 32.5#

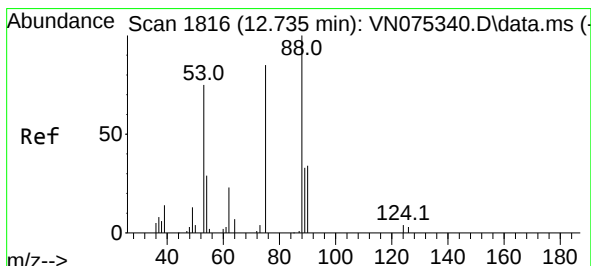
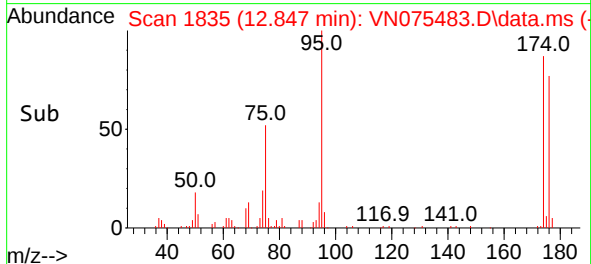
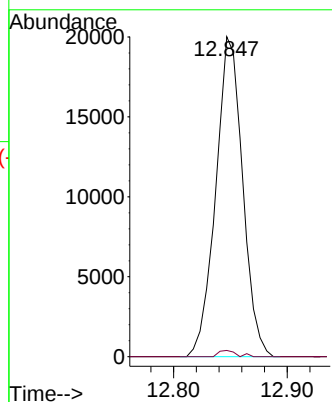
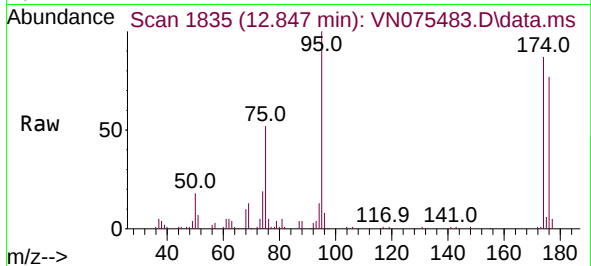




#76
1,2,3-Trichloropropane
Concen: 19.267 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.147 min
Lab File: VN075483.D
Acq: 29 Nov 2022 18:02

Instrument :
MSVOA_N
ClientSampleId :
TP-10

Tgt Ion: 75 Resp: 32943
Ion Ratio Lower Upper
75 100
77 1.3 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 57.007 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.112 min
Lab File: VN075483.D
Acq: 29 Nov 2022 18:02

Tgt Ion: 75 Resp: 32943
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

