

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102419\
 Data File : VN058925.D
 Acq On : 23 Oct 2019 13:34
 Operator : JC/SP
 Sample : K5489-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SECONDARY-PILE-SLP

Quant Time: Oct 24 01:11:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101819W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 19 00:16:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	332386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	534065	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	494248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	175239	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	247238	50.72	ug/l	0.00
Spiked Amount			Recovery	=	101.44%	
35) Dibromofluoromethane	7.57	113	174901	49.81	ug/l	0.00
Spiked Amount			Recovery	=	99.62%	
50) Toluene-d8	10.08	98	685332	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.40	95	216432	43.24	ug/l	0.00
Spiked Amount			Recovery	=	86.48%	

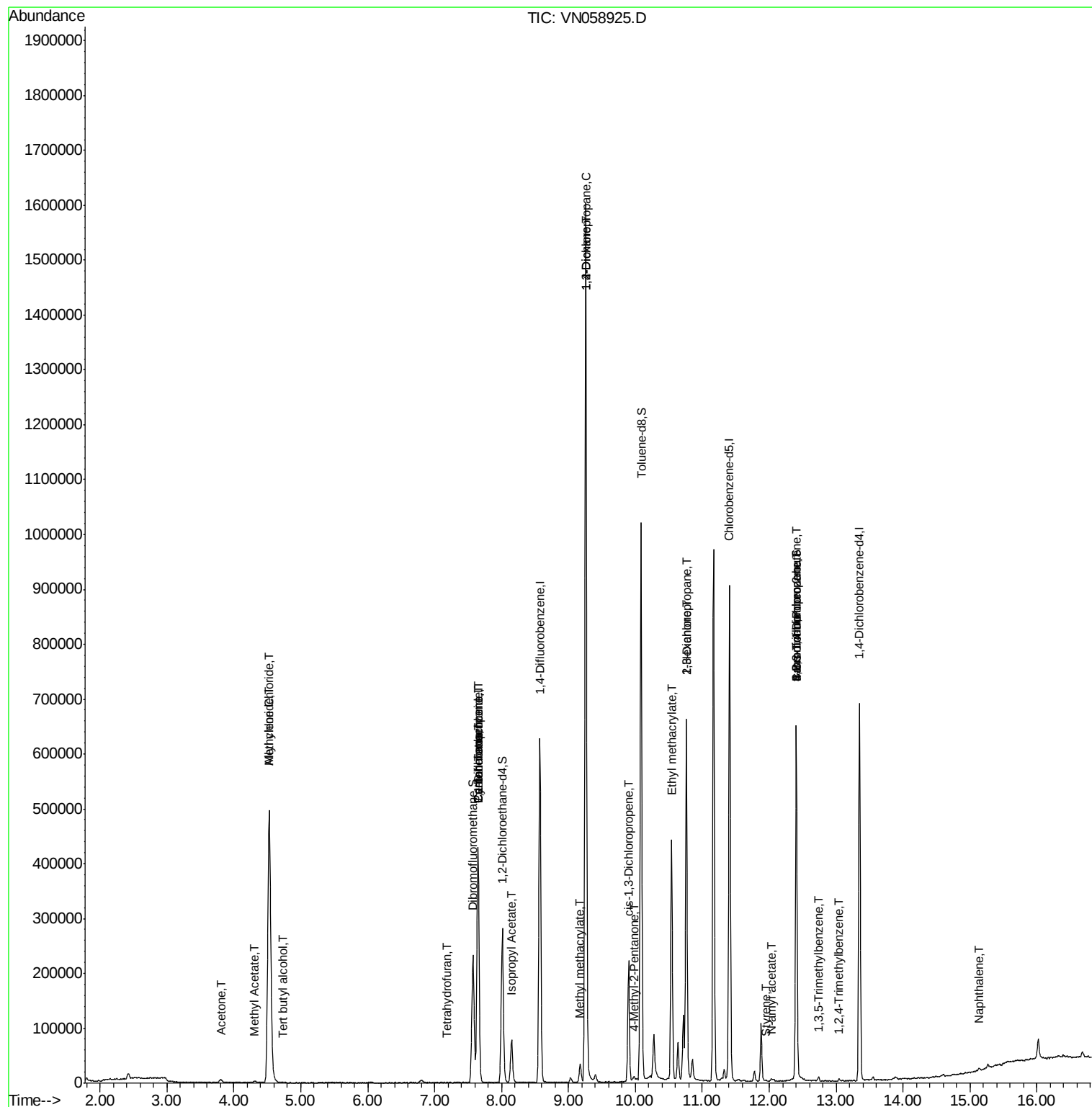
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	4.73	59	203	0.251	ug/l #	72
14) Allyl chloride	4.53	41	14200	2.142	ug/l #	24
16) Acetone	3.80	43	10434	4.331	ug/l	95
18) Methyl Acetate	4.31	43	6175	1.128	ug/l #	88
20) Methylene Chloride	4.53	84	369684	89.876	ug/l	99
29) Tetrahydrofuran	7.20	42	407	0.213	ug/l #	36
31) Cyclohexane	7.65	56	8225	1.174	ug/l #	1
36) 1,1-Dichloropropene	7.65	75	29334	5.365	ug/l #	51
38) Carbon Tetrachloride	7.65	117	32932	5.846	ug/l #	17
43) Isopropyl Acetate	8.15	43	90257	9.446	ug/l #	92
45) 1,2-Dichloropropane	9.26	63	1584	0.360	ug/l #	44
48) Methyl methacrylate	9.17	41	5624	1.297	ug/l #	14
49) 1,4-Dioxane	9.27	88	70	0.984	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	6483	1.162	ug/l	95
54) cis-1,3-Dichloropropene	9.90	75	37412	5.514	ug/l #	67
56) Ethyl methacrylate	10.54	69	2148	2.410	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	6489	0.943	ug/l #	43
59) 2-Hexanone	10.76	43	102418	23.749	ug/l #	52
70) Styrene	11.96	104	64	1.719	ug/l #	24
71) Bromoform	12.41	173	1231	0.418	ug/l #	1
74) N-amyl acetate	12.03	43	3074	0.529	ug/l #	47
76) 1,2,3-Trichloropropane	12.40	75	115880	28.532	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.74	105	3712	0.345	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	115880	74.329	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.05	105	2296	0.216	ug/l	99
95) Naphthalene	15.13	128	3122	2.523	ug/l	98

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

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Quant Title : SW846 8260
QLast Update : Sat Oct 19 00:16:20 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN058925.D

Acq: 23 Oct 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

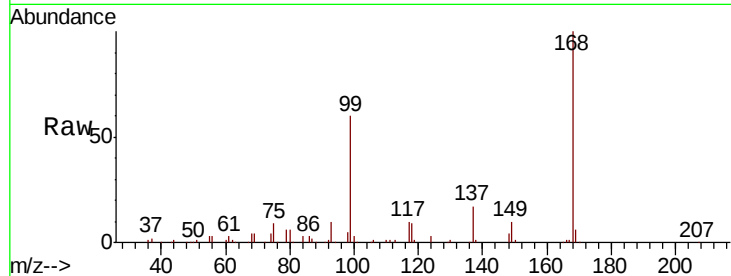
SECONDARY-PILE-SLP

Tot Ion:168 Resp: 332386

Ion Ratio Lower Upper

168 100

99 60.4 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

150000

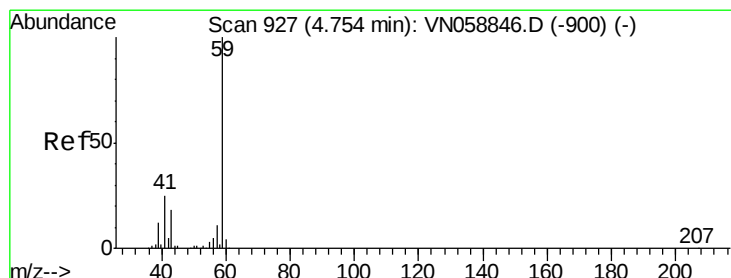
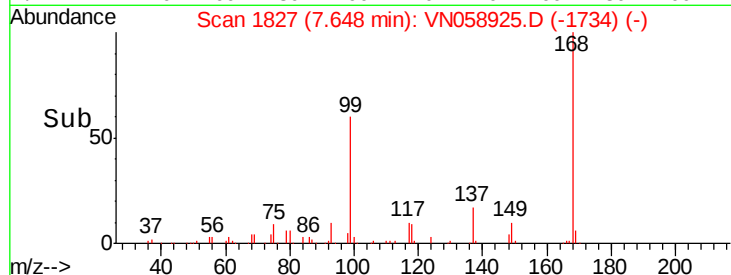
100000

50000

0

7.60 7.70 7.80

Time-->



#11

Tert butyl alcohol

Concen: 0.251 ug/l

RT: 4.73 min Scan# 921

Delta R.T. -0.02 min

Lab File: VN058925.D

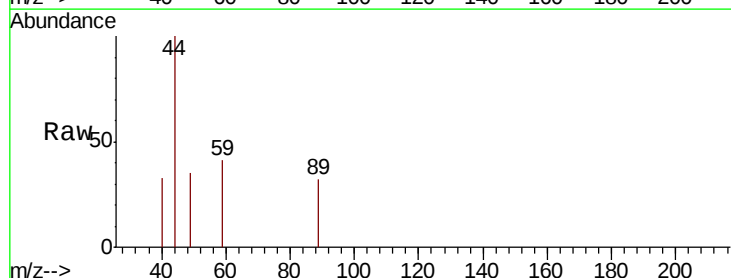
Acq: 23 Oct 2019 13:34

Tgt Ion: 59 Resp: 203

Ion Ratio Lower Upper

59 100

57 0.0 8.6 12.8#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

4.73

250

200

150

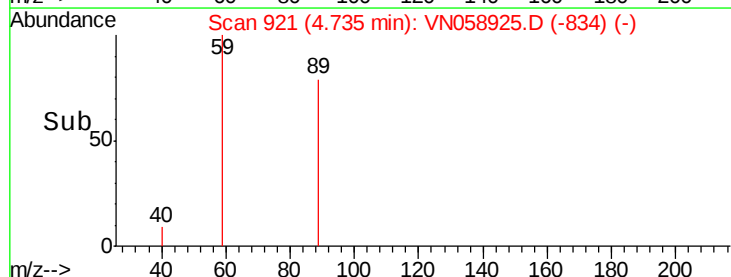
100

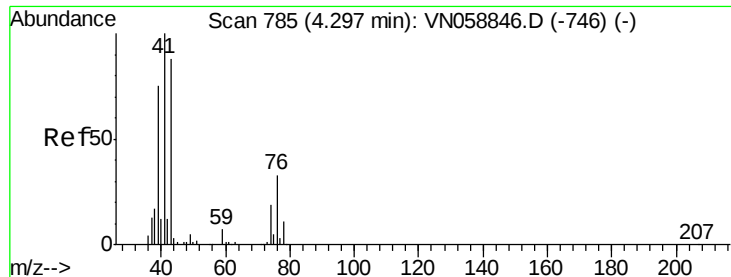
50

0

4.72 4.73 4.74 4.75

Time-->





#14

Allvl chloride

Concen: 2.142 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.23 min

Lab File: VN058925.D

Acq: 23 Oct 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

SECONDARY-PILE-SLP

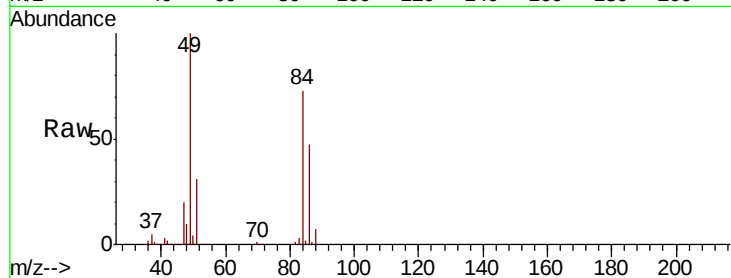
Tot Ion: 41 Resp: 14200

Ion Ratio Lower Upper

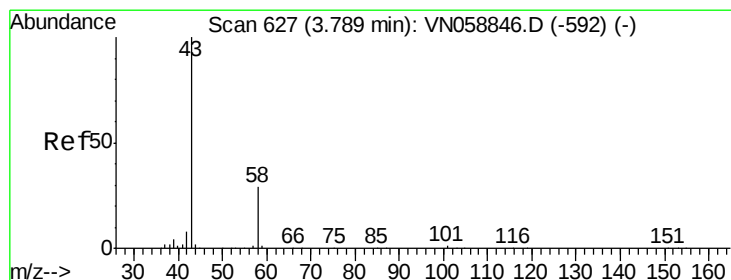
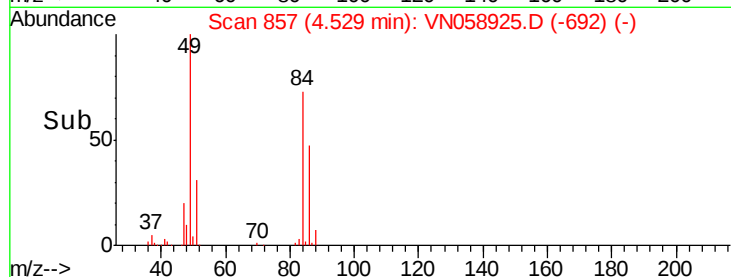
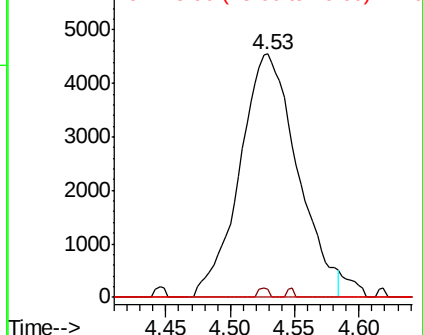
41 100

39 0.6 55.9 83.9#

76 0.0 24.1 36.1#



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 75.90 (75.60 to 76.60): VN0



#16

Acetone

Concen: 4.331 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058925.D

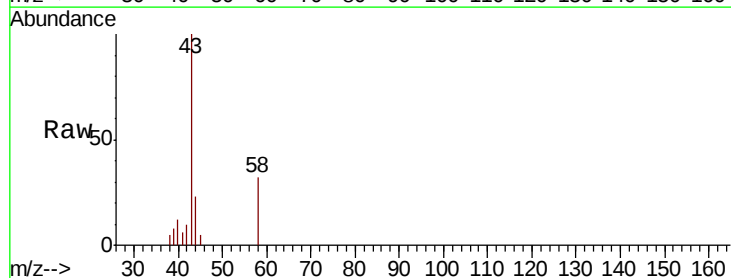
Acq: 23 Oct 2019 13:34

Tgt Ion: 43 Resp: 10434

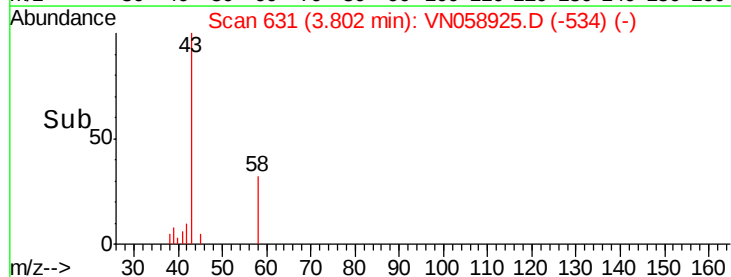
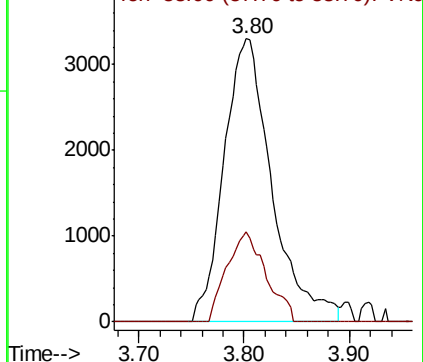
Ion Ratio Lower Upper

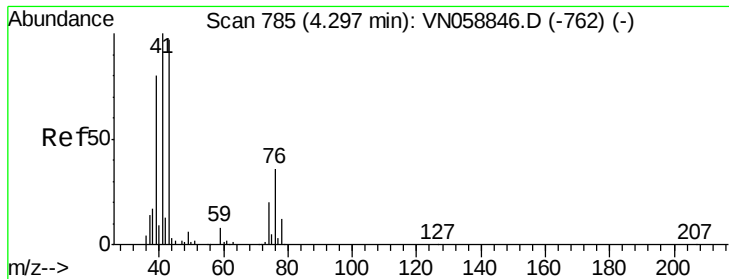
43 100

58 31.7 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

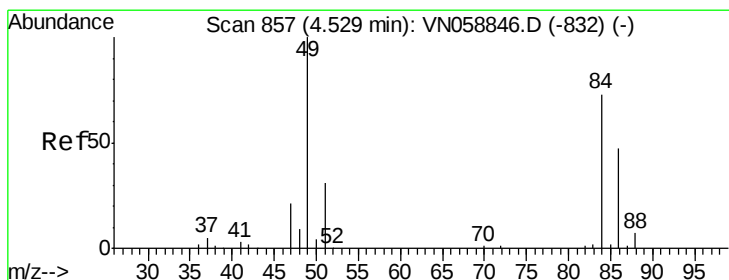
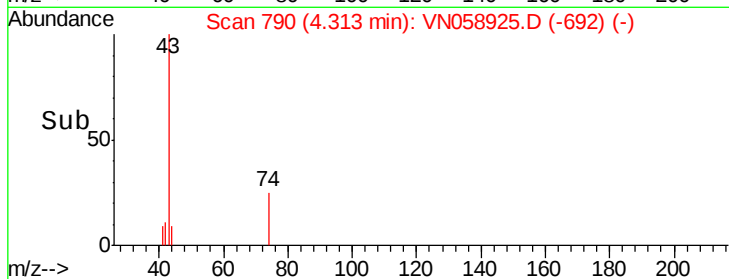
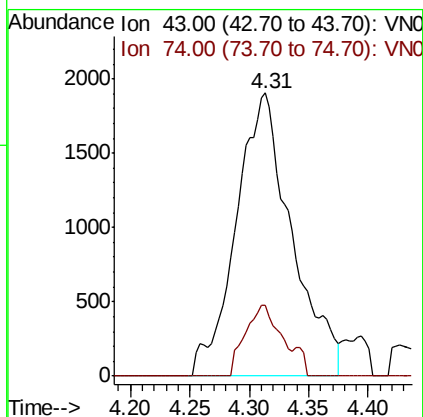
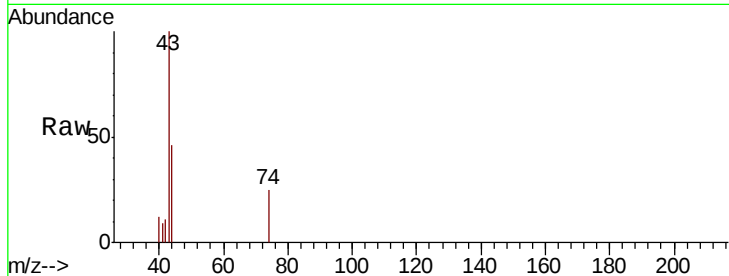




#18
Methyl Acetate
Concen: 1.128 ug/l
RT: 4.31 min Scan# 790
Delta R.T. 0.02 min
Lab File: VN058925.D
Acq: 23 Oct 2019 13:34

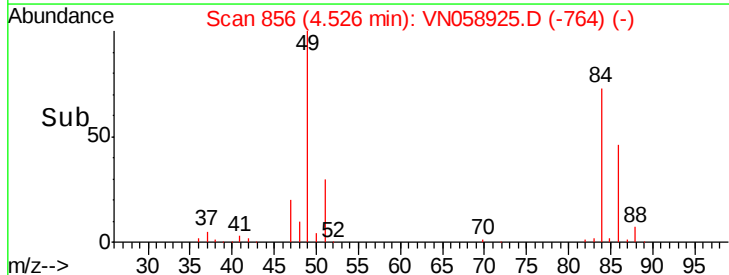
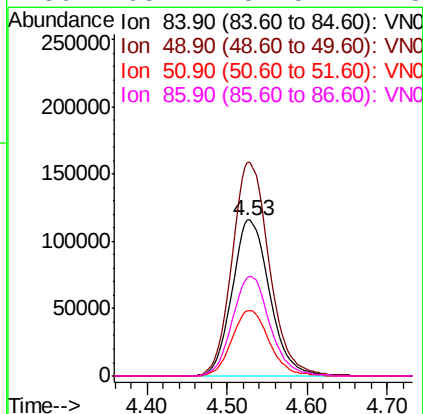
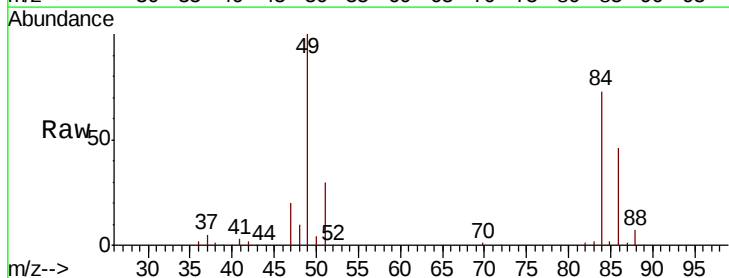
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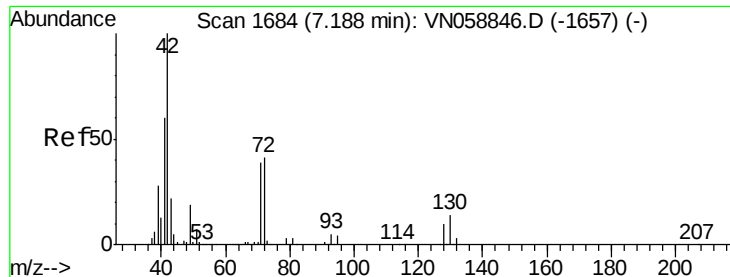
Tot Ion: 43 Resp: 6175
Ion Ratio Lower Upper
43 100
74 15.5 17.1 25.7#



#20
Methylene Chloride
Concen: 89.876 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.00 min
Lab File: VN058925.D
Acq: 23 Oct 2019 13:34

Tgt Ion: 84 Resp: 369684
Ion Ratio Lower Upper
84 100
49 137.0 109.6 164.4
51 41.8 33.8 50.6
86 63.1 51.5 77.3





#29

Tetrahydrofuran

Concen: 0.213 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.01 min

Lab File: VN058925.D

Acq: 23 Oct 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

SECONDARY-PILE-SLP

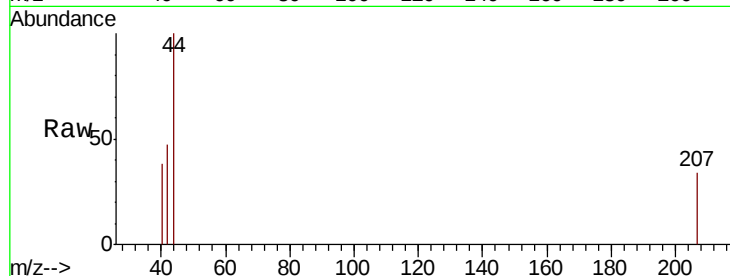
Tot Ion: 42 Resp: 407

Ion Ratio Lower Upper

42 100

72 0.0 32.2 48.2#

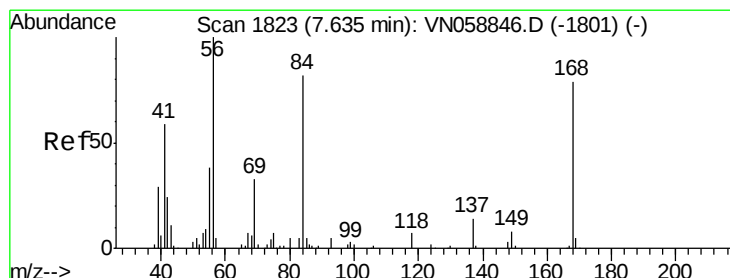
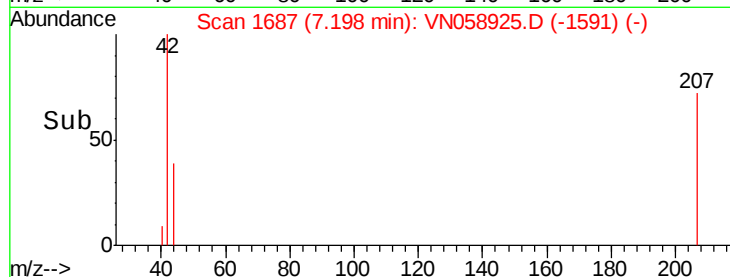
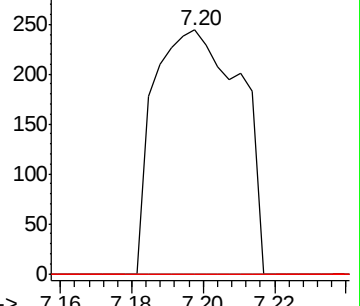
71 0.0 30.6 45.8#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 1.174 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VN058925.D

Acq: 23 Oct 2019 13:34

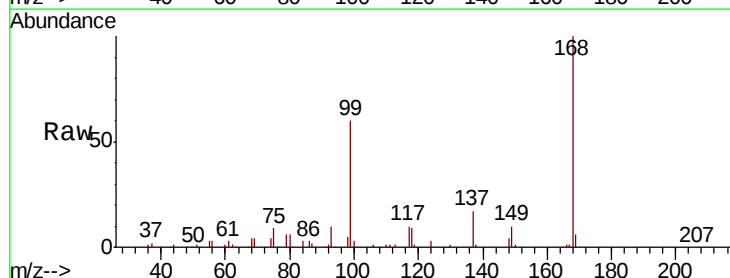
Tgt Ion: 56 Resp: 8225

Ion Ratio Lower Upper

56 100

69 169.7 26.2 39.4#

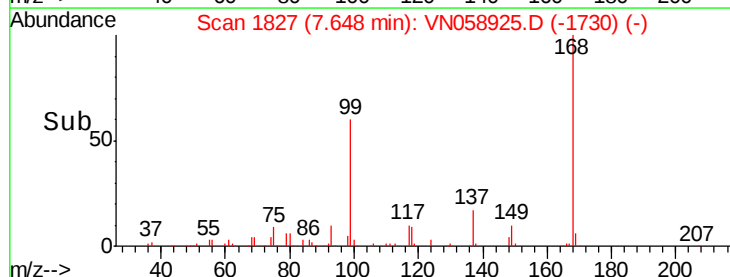
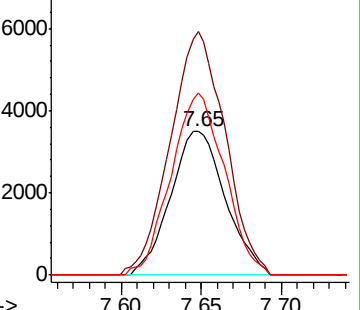
84 126.7 65.6 98.4#

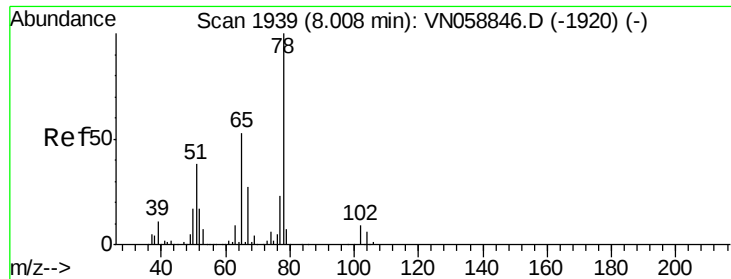


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

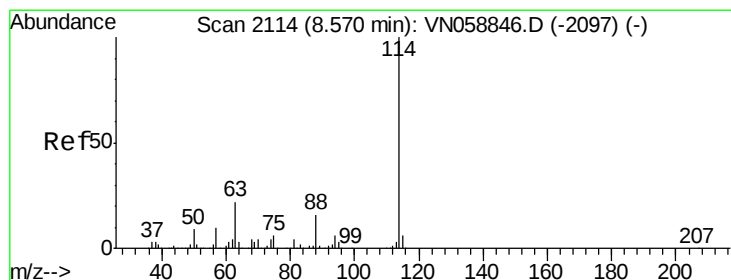
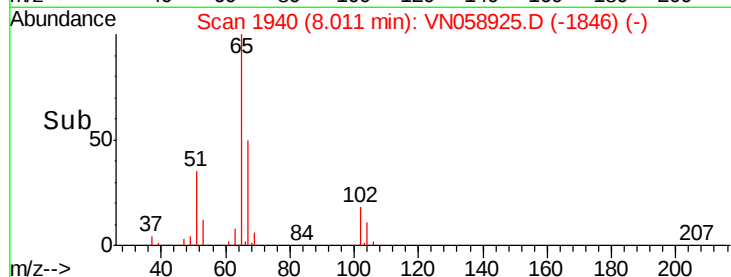
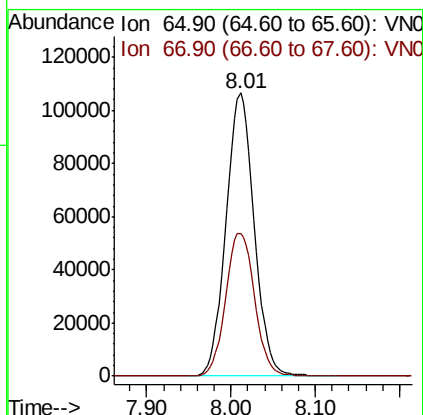
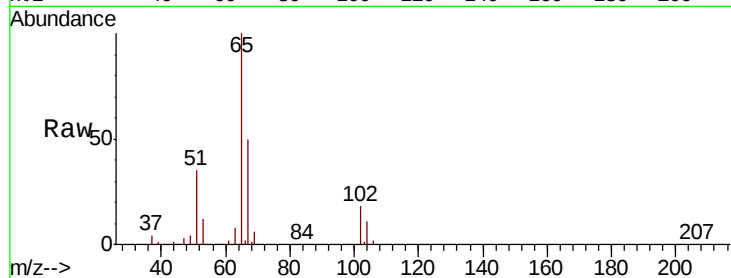




#33
 1,2-Dichloroethane-d4
 Concen: 50.716 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058925.D
 Acq: 23 Oct 2019 13:34

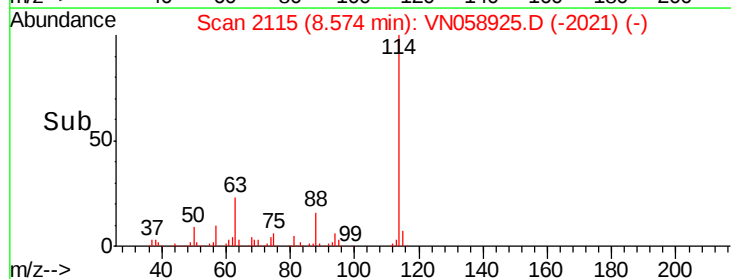
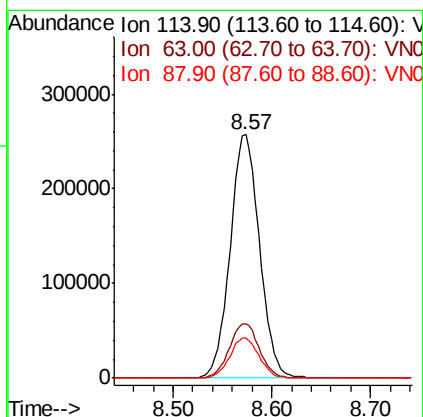
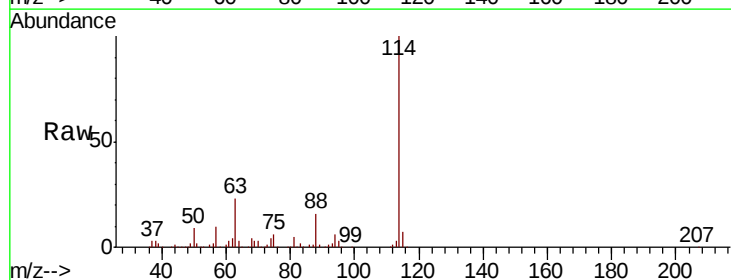
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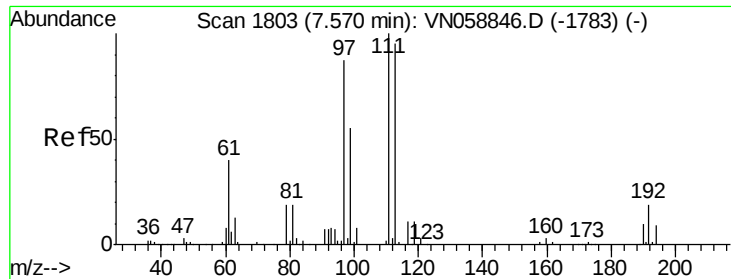
Tot Ion: 65 Resp: 247238
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058925.D
 Acq: 23 Oct 2019 13:34

Tgt Ion: 114 Resp: 534065
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 44.4
 88 16.2 0.0 31.4

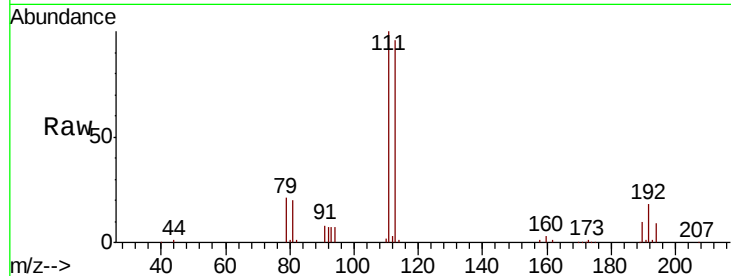




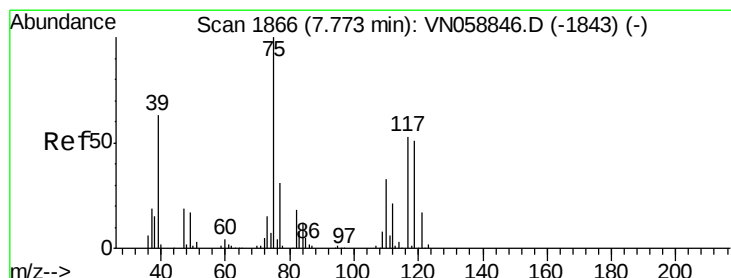
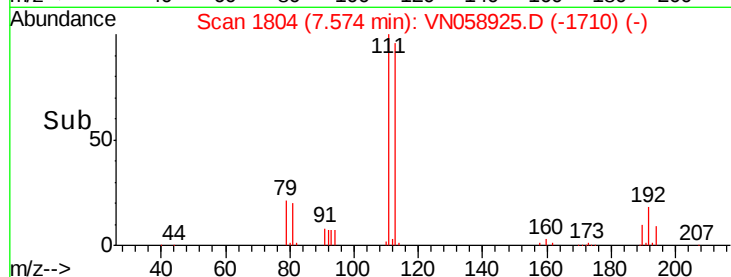
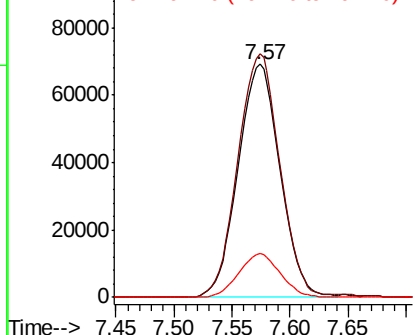
#35
 Dibromofluoromethane
 Concen: 49.810 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058925.D
 Acq: 23 Oct 2019 13:34

Instrument :
 MSVOA_N
 ClientSampleId :
 SECONDARY-PILE-SLP

Tot Ion:113 Resp: 174901
 Ion Ratio Lower Upper
 113 100
 111 105.2 82.0 123.0
 192 18.5 15.0 22.6

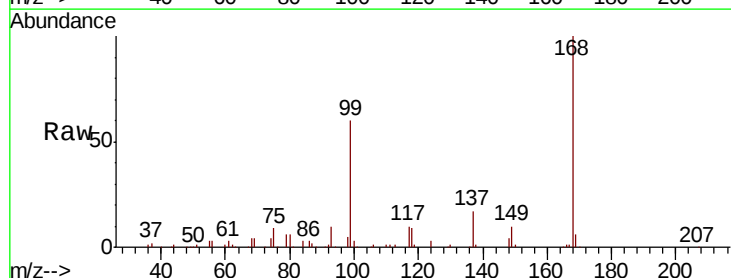


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

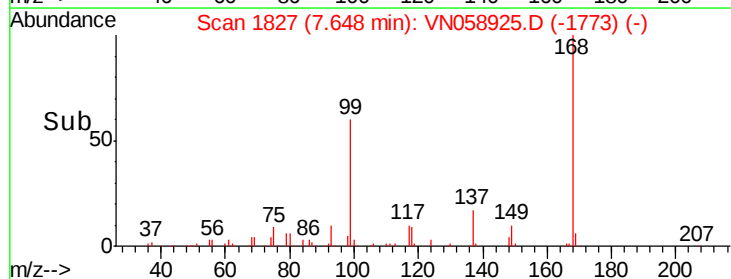
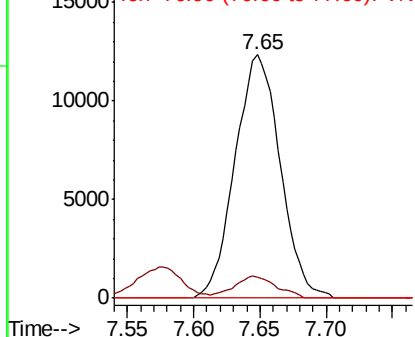


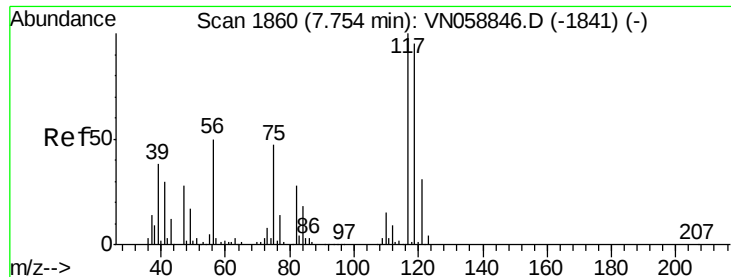
#36
 1,1-Dichloropropene
 Concen: 5.365 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN058925.D
 Acq: 23 Oct 2019 13:34

Tgt Ion: 75 Resp: 29334
 Ion Ratio Lower Upper
 75 100
 110 8.5 16.3 48.9#
 77 0.0 24.6 36.8#



Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VNO

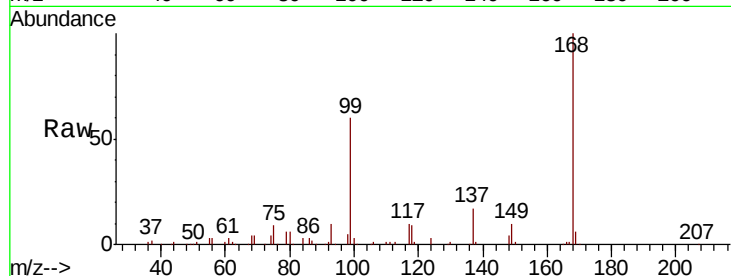




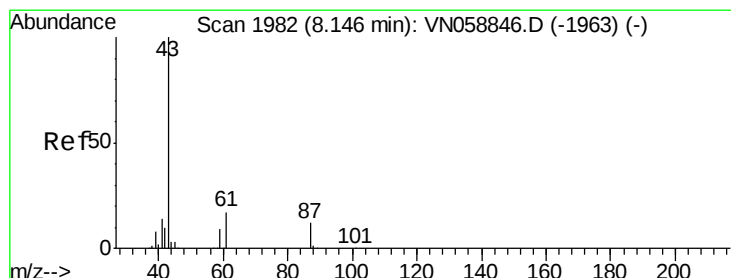
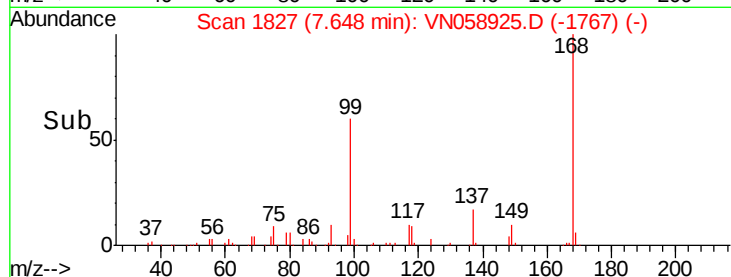
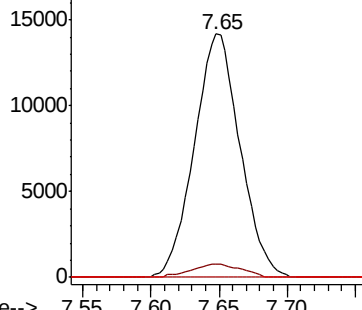
#38
Carbon Tetrachloride
Concen: 5.846 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. -0.11 min
Lab File: VN058925.D
Acq: 23 Oct 2019 13:34

Instrument :
MSVOA_N
ClientSampleId :
SECONDARY-PILE-SLP

Tot Ion:117 Resp: 32932
Ion Ratio Lower Upper
117 100
119 5.4 75.7 113.5#
121 0.0 25.0 37.6#

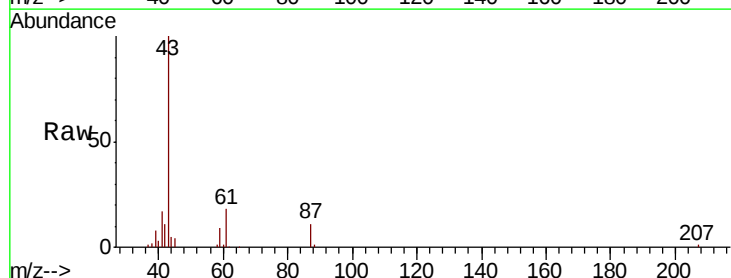


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

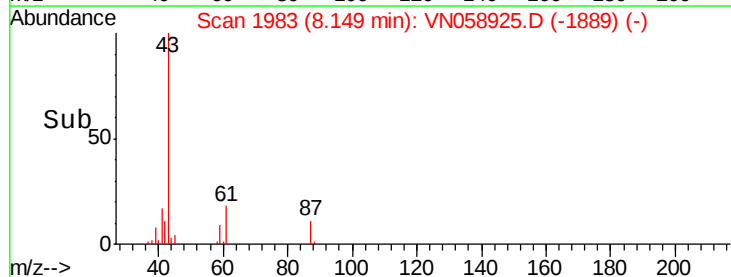
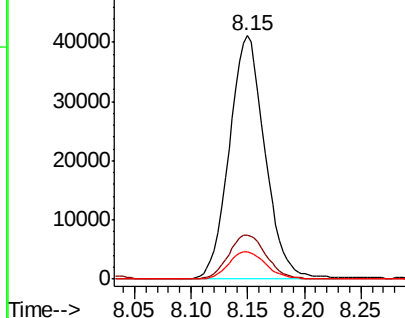


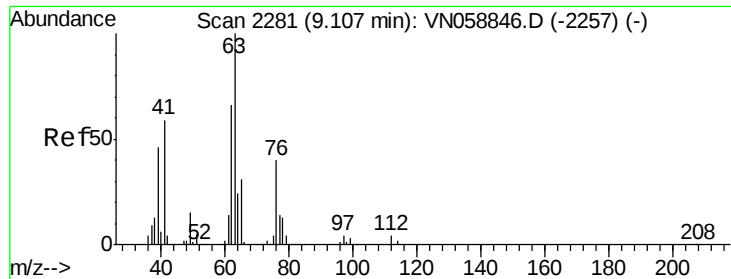
#43
Isopropyl Acetate
Concen: 9.446 ug/l
RT: 8.15 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VN058925.D
Acq: 23 Oct 2019 13:34

Tgt Ion: 43 Resp: 90257
Ion Ratio Lower Upper
43 100
61 19.1 20.2 30.2#
87 11.7 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO





#45

1,2-Dichloropropane

Concen: 0.360 ug/l

RT: 9.26 min Scan# 2327

Delta R.T. 0.15 min

Lab File: VN058925.D

Acq: 23 Oct 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

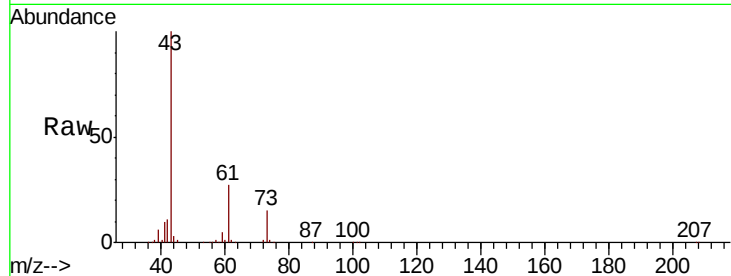
SECONDARY-PILE-SLP

Tot Ion: 63 Resp: 1584

Ion Ratio Lower Upper

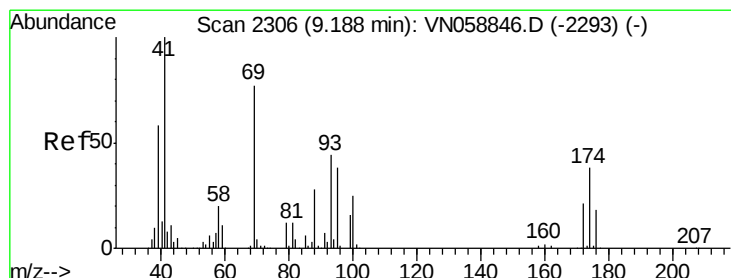
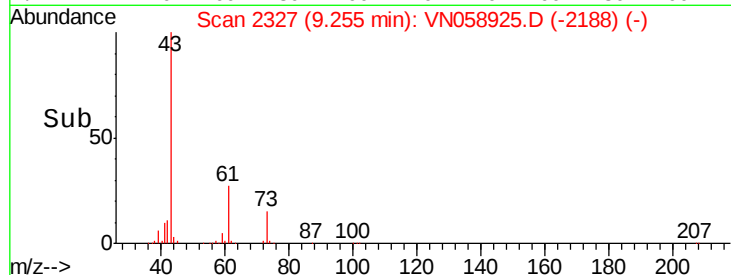
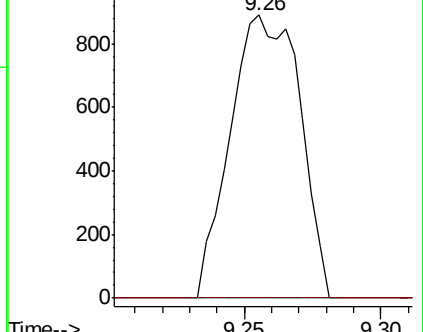
63 100

65 0.0 24.5 36.7#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#48

Methyl methacrylate

Concen: 1.297 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.02 min

Lab File: VN058925.D

Acq: 23 Oct 2019 13:34

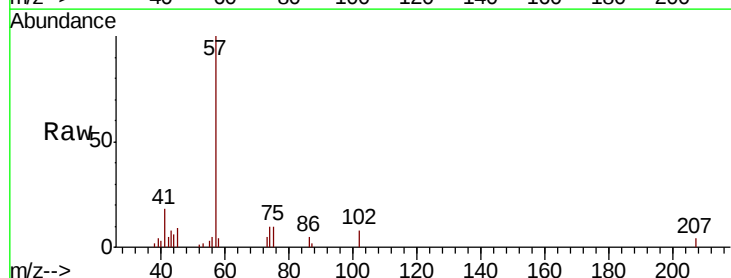
Tgt Ion: 41 Resp: 5624

Ion Ratio Lower Upper

41 100

69 0.0 63.8 95.6#

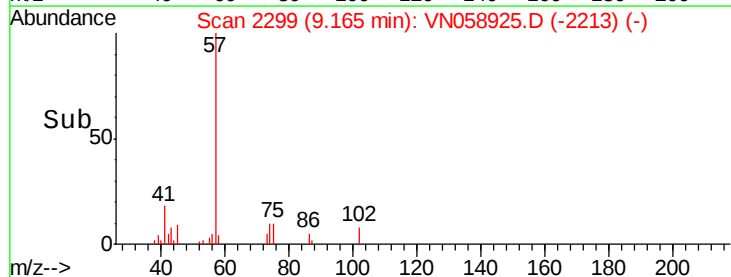
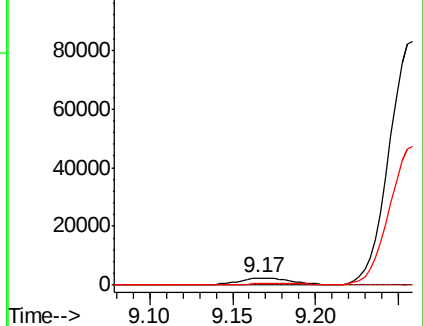
39 0.0 47.8 71.8#

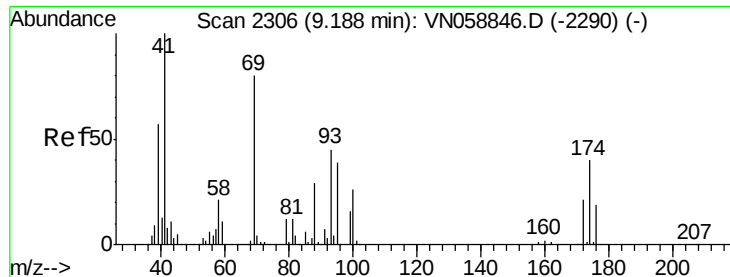


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 0.984 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.08 min

Lab File: VN058925.D

Acq: 23 Oct 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

SECONDARY-PILE-SLP

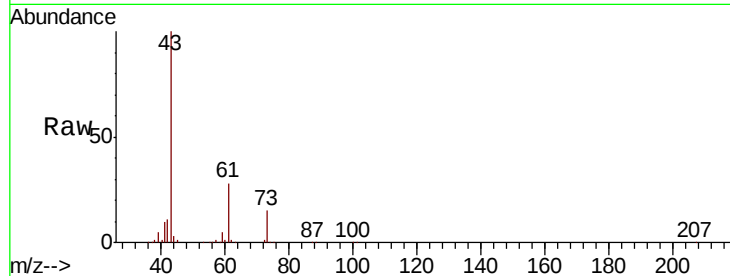
Tot Ion: 88 Resp: 70

Ion Ratio Lower Upper

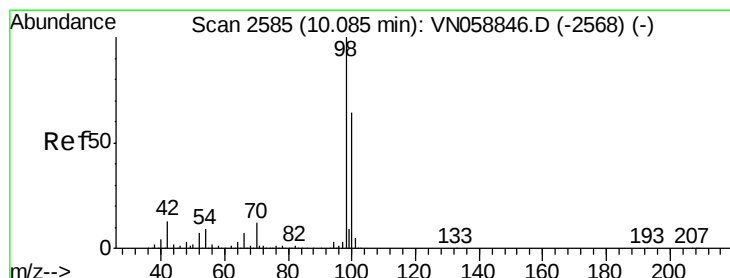
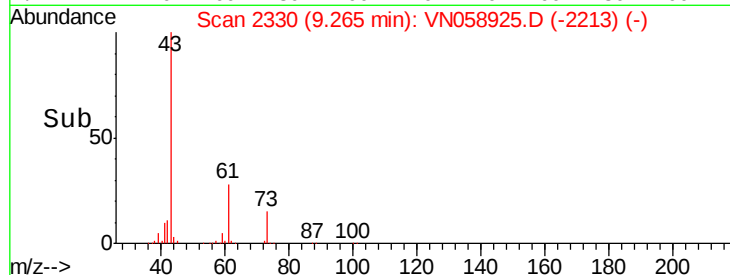
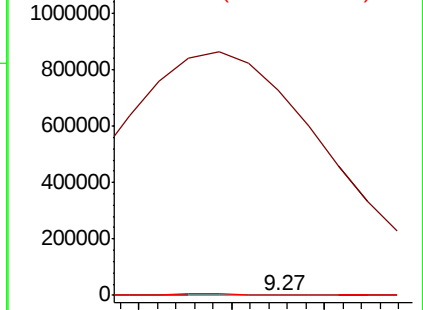
88 100

43 2247431.4 29.1 43.7#

58 11064.3 59.4 89.0#



Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 50.279 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058925.D

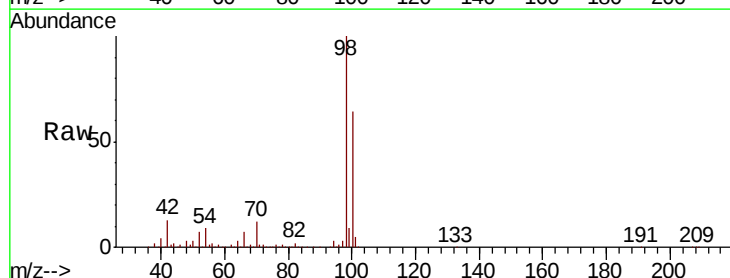
Acq: 23 Oct 2019 13:34

Tgt Ion: 98 Resp: 685332

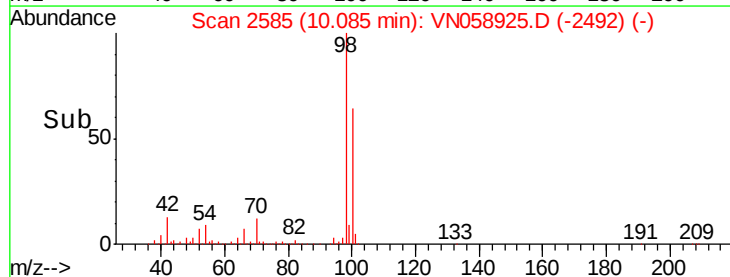
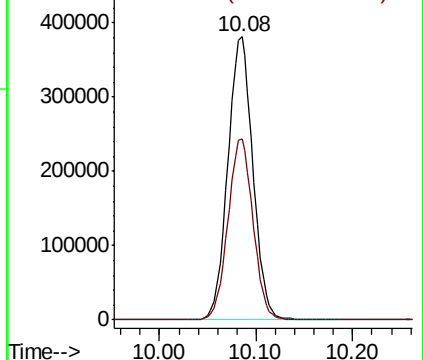
Ion Ratio Lower Upper

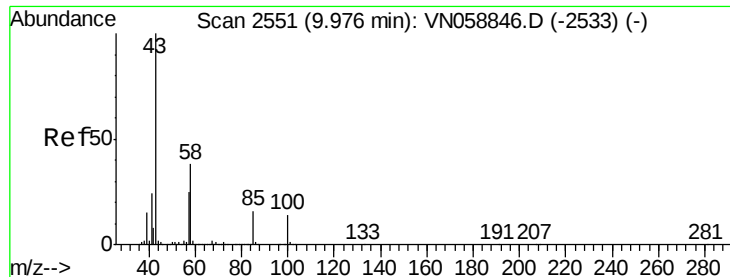
98 100

100 64.0 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 1.162 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.00 min

Lab File: VN058925.D

Acq: 23 Oct 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

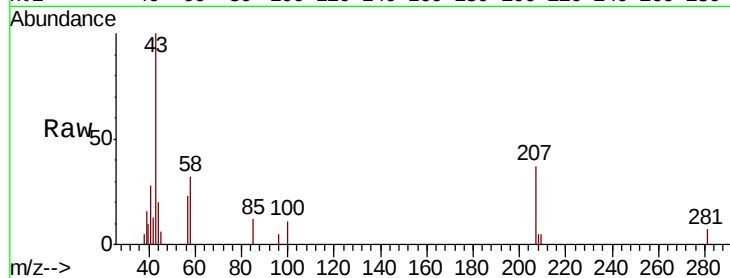
SECONDARY-PILE-SLP

Tot Ion: 43 Resp: 6483

Ion Ratio Lower Upper

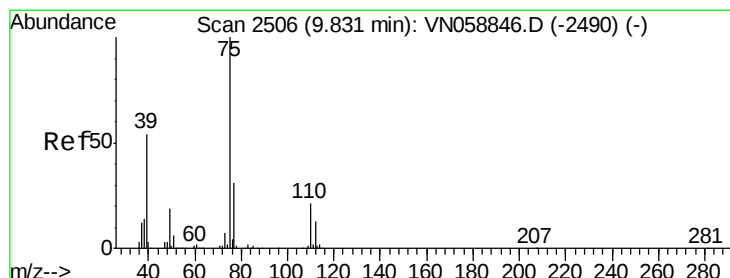
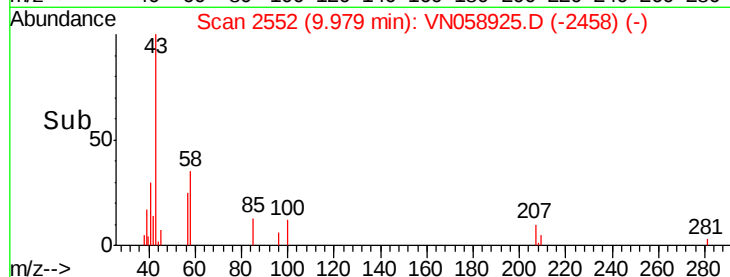
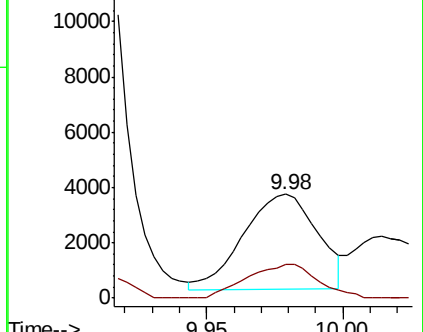
43 100

58 34.2 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN058846.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN058846.D (-2533) (-)



#54

cis-1,3-Dichloropropene

Concen: 5.514 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.07 min

Lab File: VN058925.D

Acq: 23 Oct 2019 13:34

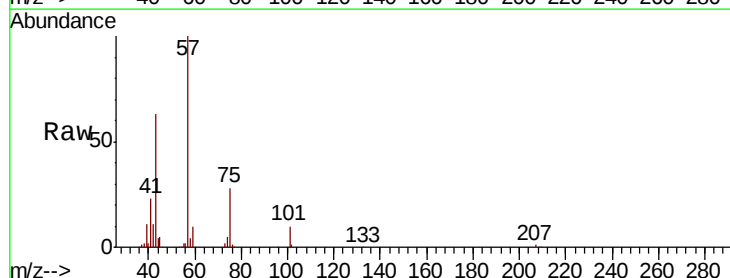
Tgt Ion: 75 Resp: 37412

Ion Ratio Lower Upper

75 100

77 1.0 24.7 37.1#

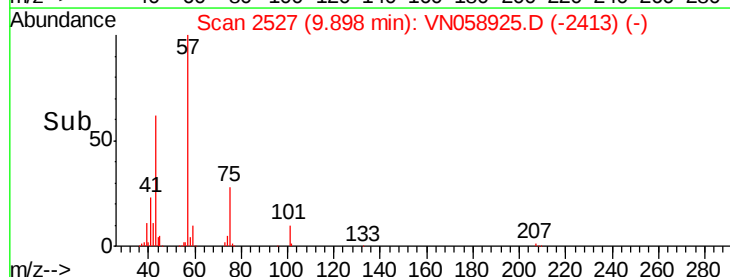
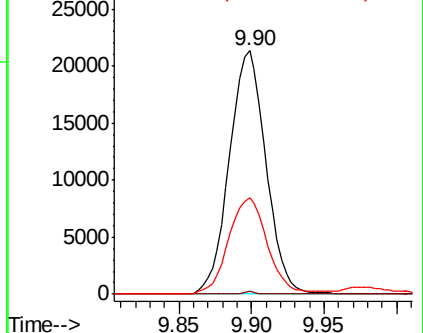
39 39.4 43.5 65.3#

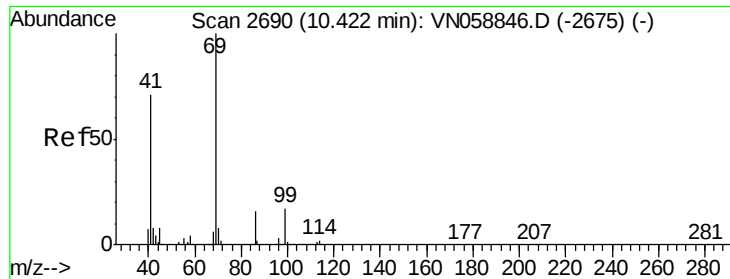


Abundance Ion 74.90 (74.60 to 75.60): VN058846.D (-2490) (-)

Ion 76.90 (76.60 to 77.60): VN058846.D (-2490) (-)

Ion 39.00 (38.70 to 39.70): VN058846.D (-2490) (-)





#56

Ethyl methacrylate

Concen: 2.410 ug/l

RT: 10.54 min Scan# 2727

Delta R.T. 0.12 min

Lab File: VN058925.D

Acq: 23 Oct 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

SECONDARY-PILE-SLP

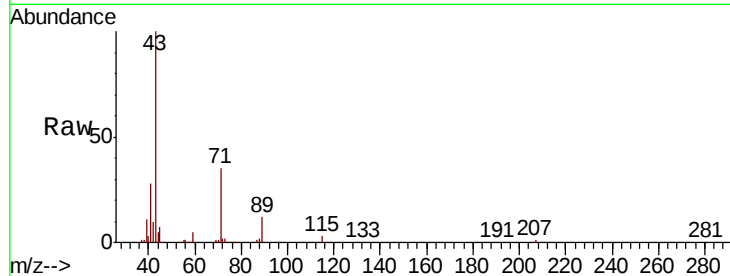
Tot Ion: 69 Resp: 2148

Ion Ratio Lower Upper

69 100

41 4040.1 57.2 85.8#

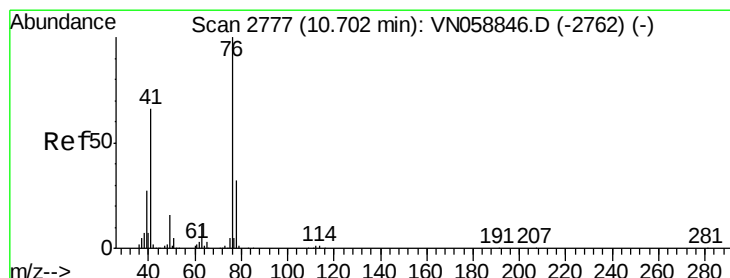
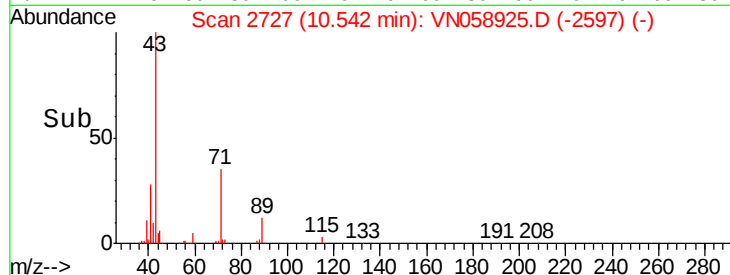
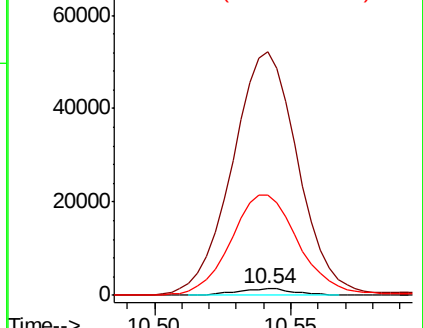
39 1736.2 31.0 46.4#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#57

1,3-Dichloropropane

Concen: 0.943 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN058925.D

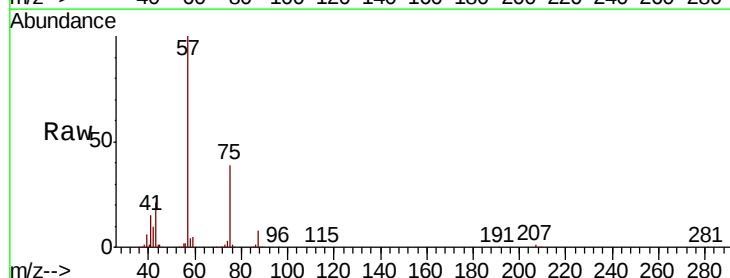
Acq: 23 Oct 2019 13:34

Tgt Ion: 76 Resp: 6489

Ion Ratio Lower Upper

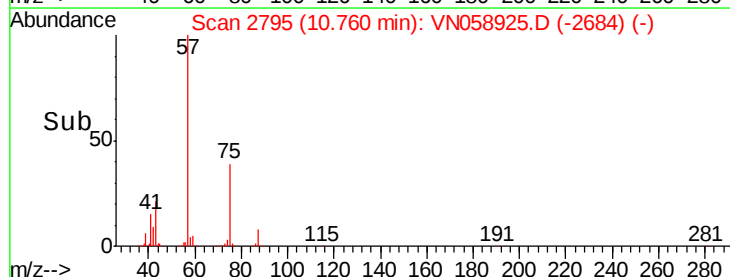
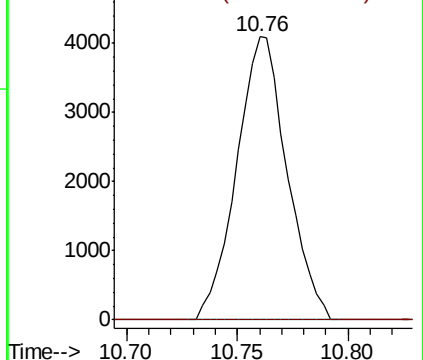
76 100

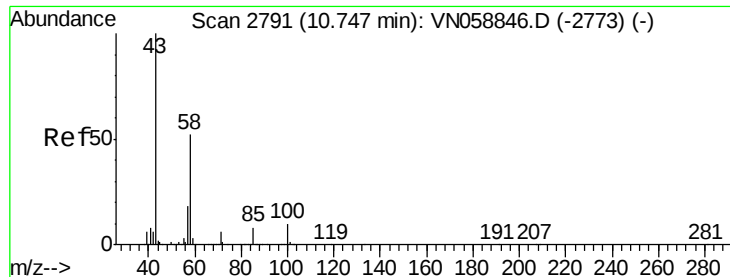
78 0.0 25.4 38.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

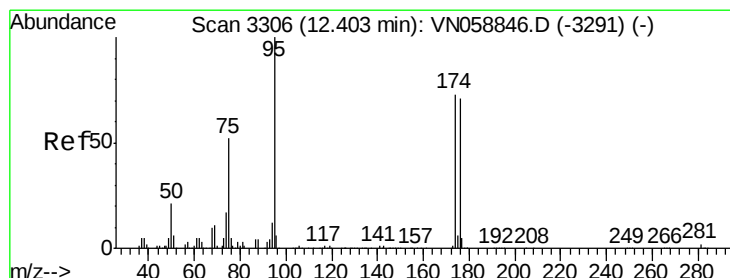
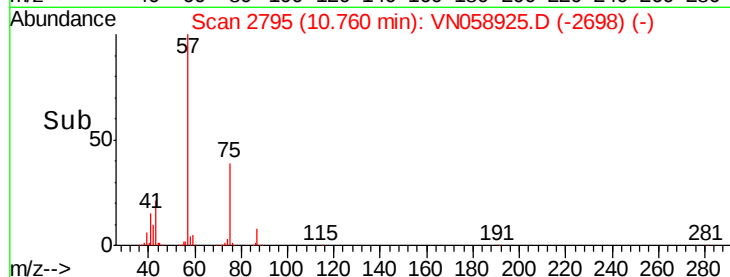
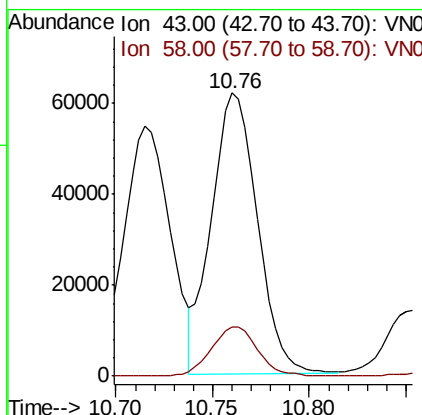
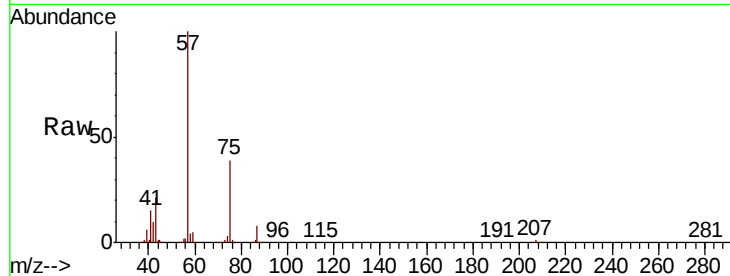




#59
2-Hexanone
Concen: 23.749 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN058925.D
Acq: 23 Oct 2019 13:34

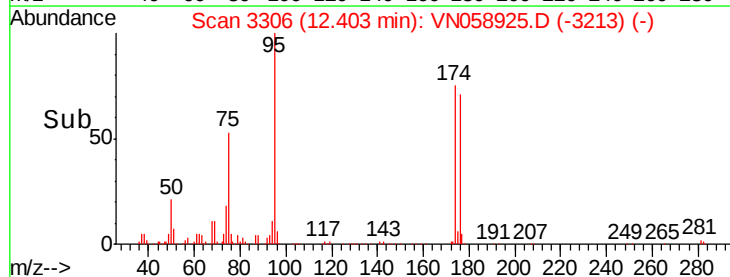
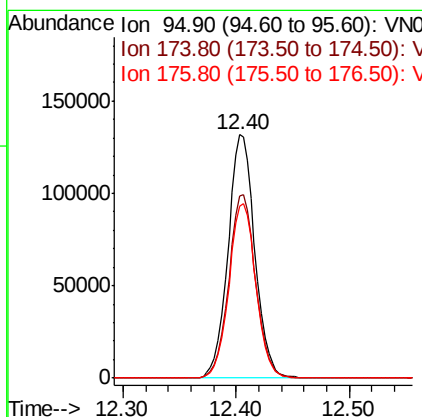
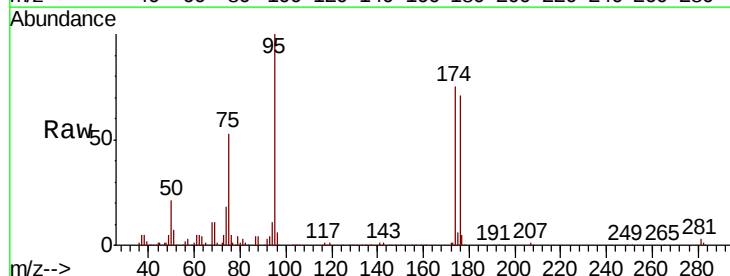
Instrument :
MSVOA_N
ClientSampleId :
SECONDARY-PILE-SLP

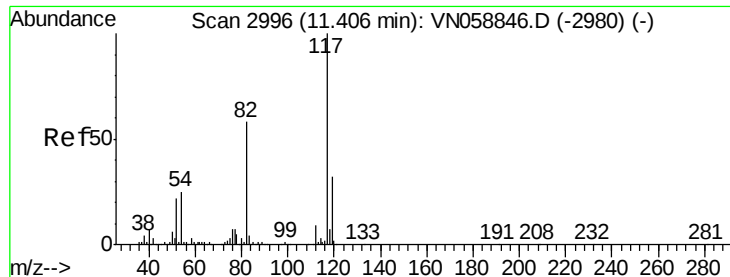
Tot Ion: 43 Resp: 102418
Ion Ratio Lower Upper
43 100
58 17.8 25.9 77.7#



#62
4-Bromofluorobenzene
Concen: 43.239 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN058925.D
Acq: 23 Oct 2019 13:34

Tgt Ion: 95 Resp: 216432
Ion Ratio Lower Upper
95 100
174 75.5 0.0 147.6
176 72.4 0.0 143.2

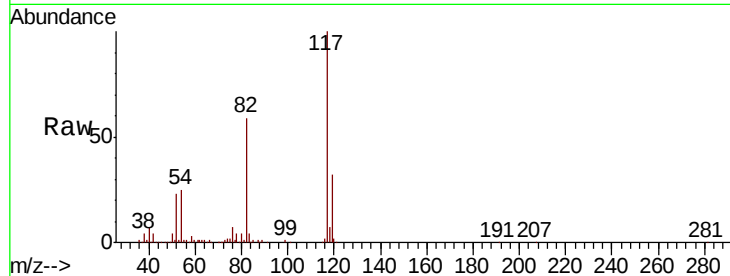




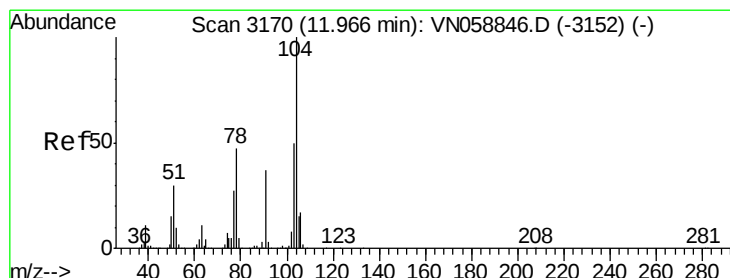
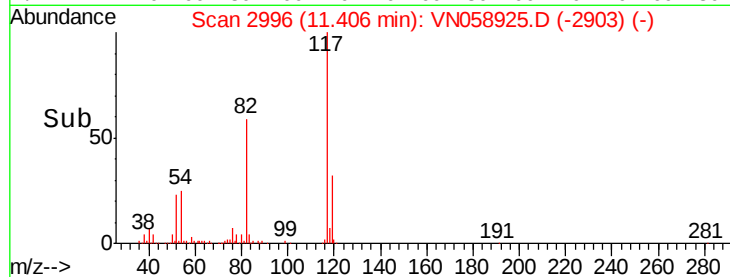
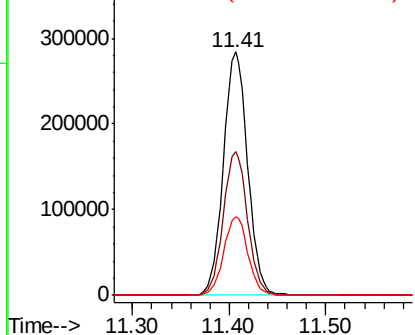
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058925.D
Acq: 23 Oct 2019 13:34

Instrument :
MSVOA_N
ClientSampleId :
SECONDARY-PILE-SLP

Tot Ion:117 Resp: 494248
Ion Ratio Lower Upper
117 100
82 59.0 46.6 69.8
119 32.3 25.6 38.4

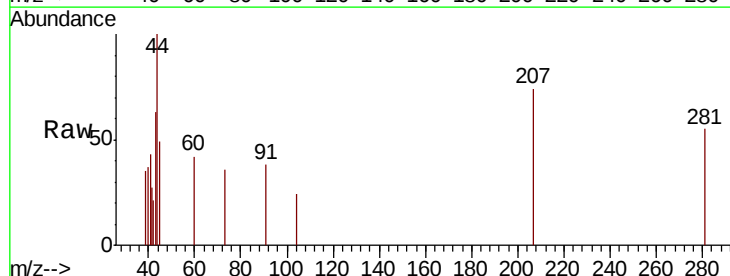


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VNO
Ion 118.90 (118.60 to 119.60): V

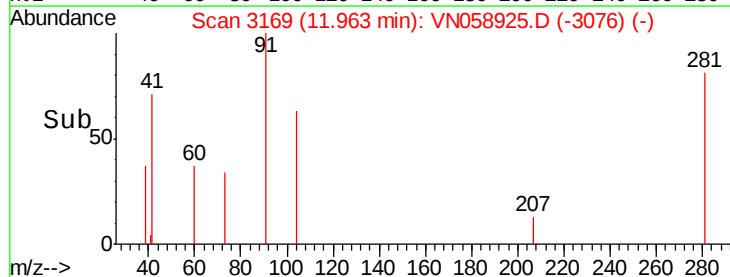
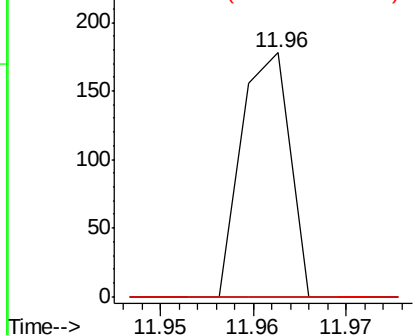


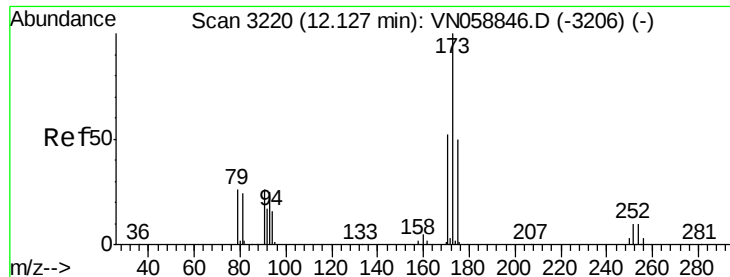
#70
Styrene
Concen: 1.719 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN058925.D
Acq: 23 Oct 2019 13:34

Tgt Ion:104 Resp: 64
Ion Ratio Lower Upper
104 100
78 0.0 42.8 64.2#
103 0.0 44.3 66.5#



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VNO
Ion 103.00 (102.70 to 103.70): V

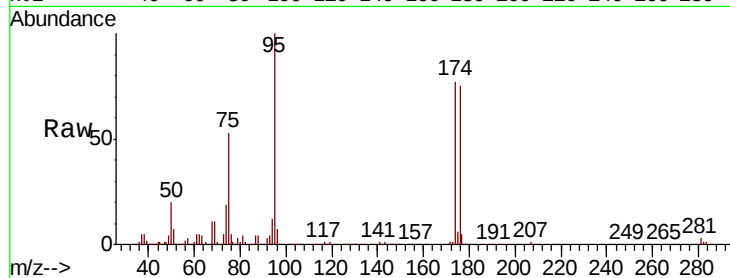




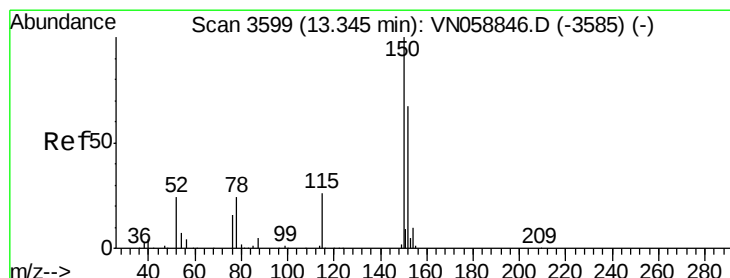
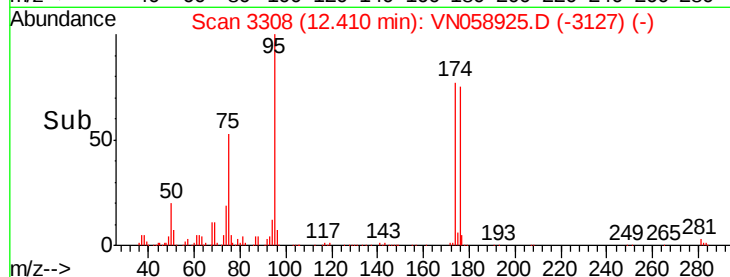
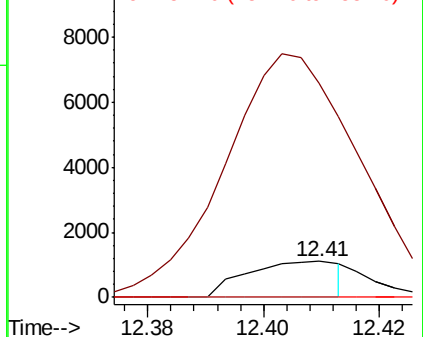
#71
Bromoform
Concen: 0.418 ug/l
RT: 12.41 min Scan# 3308
Delta R.T. 0.28 min
Lab File: VN058925.D
Acq: 23 Oct 2019 13:34

Instrument :
MSVOA_N
ClientSampleId :
SECONDARY-PILE-SLP

Tot Ion:173 Resp: 1231
Ion Ratio Lower Upper
173 100
175 791.4 24.7 74.1#
254 0.0 0.0 0.0

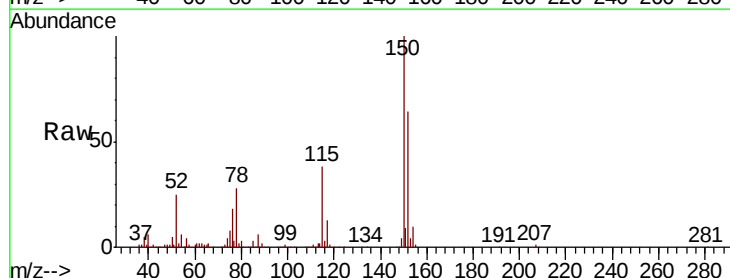


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

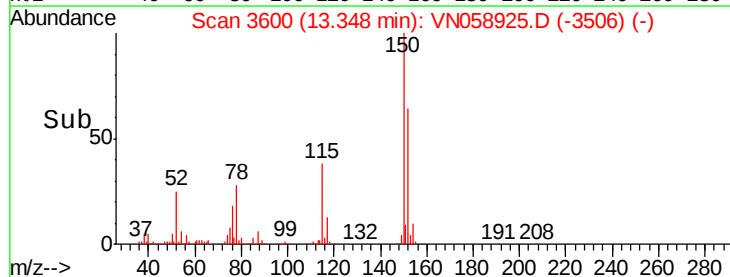
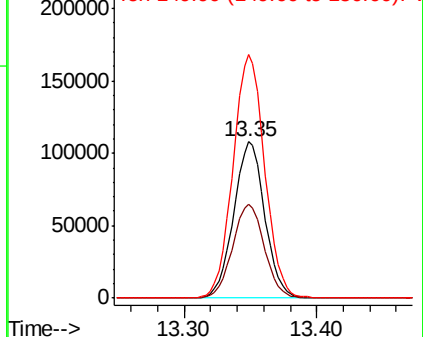


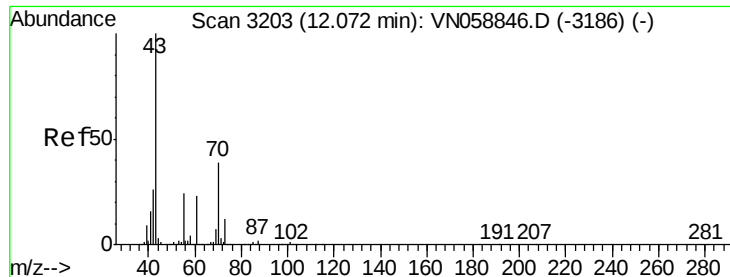
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058925.D
Acq: 23 Oct 2019 13:34

Tgt Ion:152 Resp: 175239
Ion Ratio Lower Upper
152 100
115 61.6 30.5 91.5
150 158.5 0.0 344.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.529 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN058925.D

Acq: 23 Oct 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

SECONDARY-PILE-SLP

Tot Ion: 43 Resp: 3074

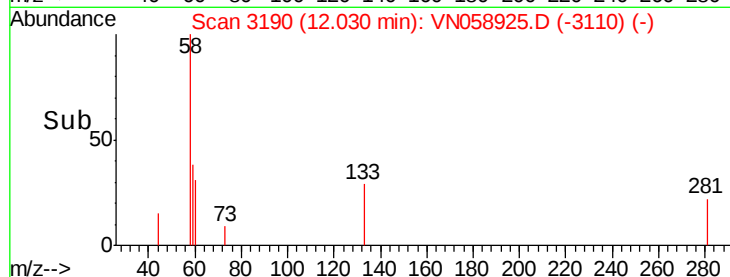
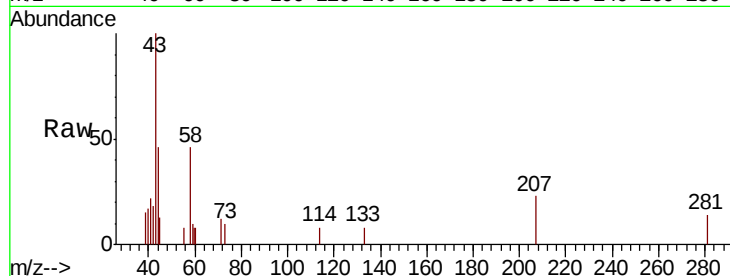
Ion Ratio Lower Upper

43 100

70 0.0 30.9 46.3#

55 4.6 19.7 29.5#

61 0.0 18.2 27.4#

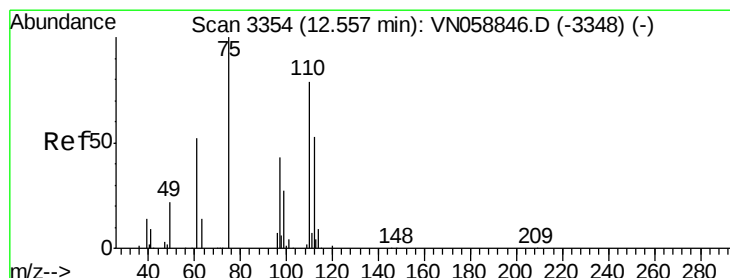
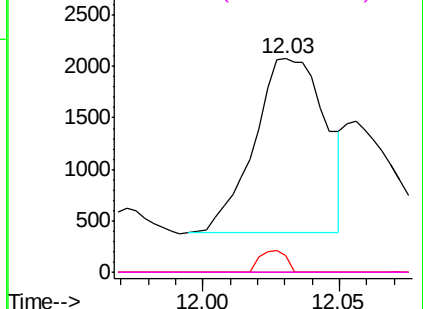


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 28.532 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN058925.D

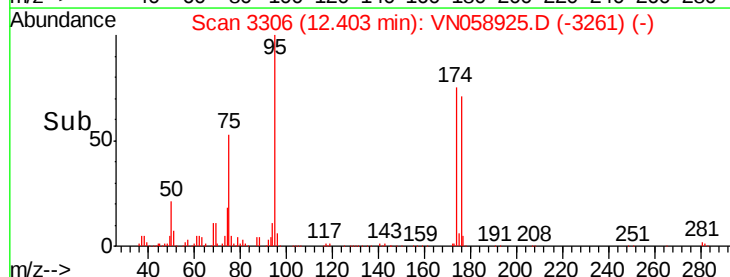
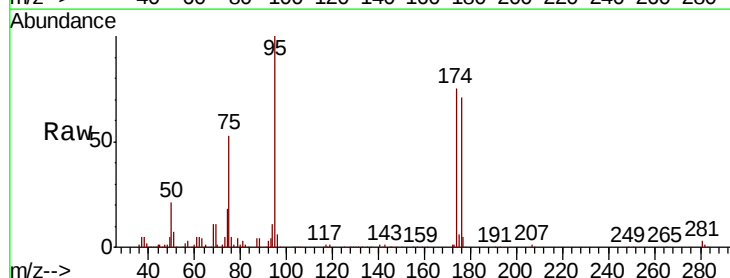
Acq: 23 Oct 2019 13:34

Tgt Ion: 75 Resp: 115880

Ion Ratio Lower Upper

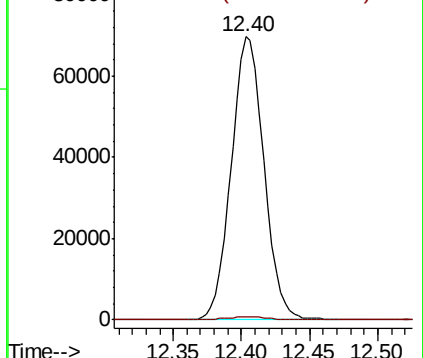
75 100

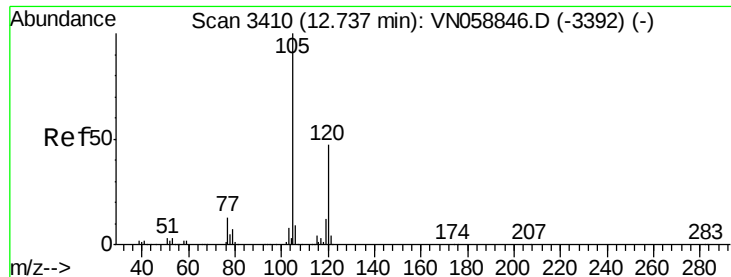
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#80

1,3,5-Trimethylbenzene

Concen: 0.345 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN058925.D

Acq: 23 Oct 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

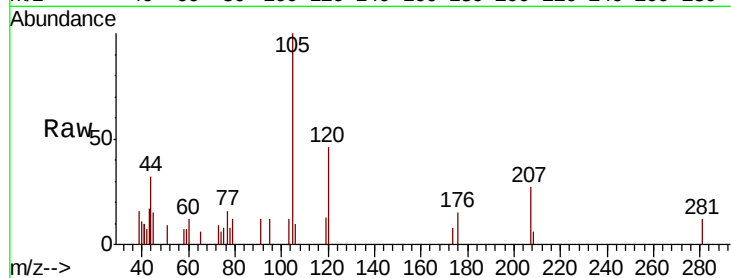
SECONDARY-PILE-SLP

Tot Ion:105 Resp: 3712

Ion Ratio Lower Upper

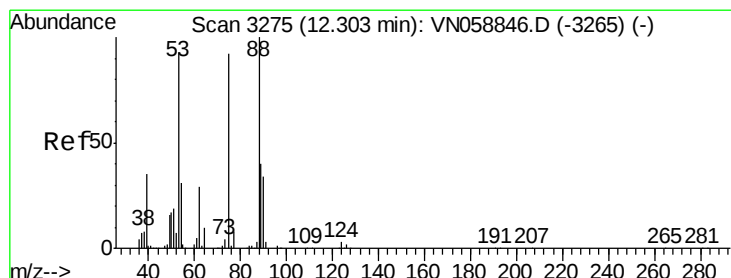
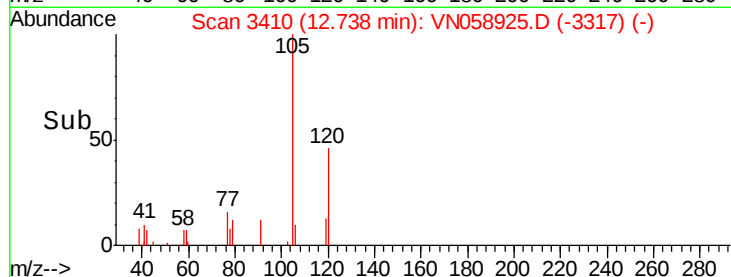
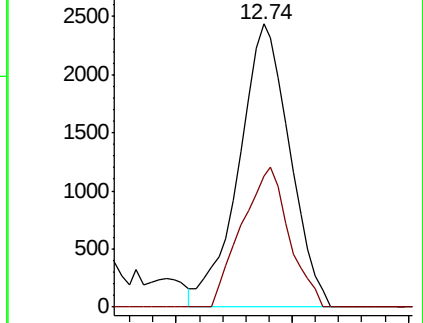
105 100

120 46.1 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 74.329 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN058925.D

Acq: 23 Oct 2019 13:34

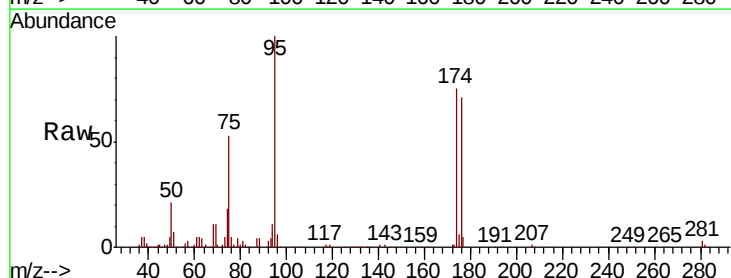
Tgt Ion: 75 Resp: 115880

Ion Ratio Lower Upper

75 100

53 0.0 78.6 118.0#

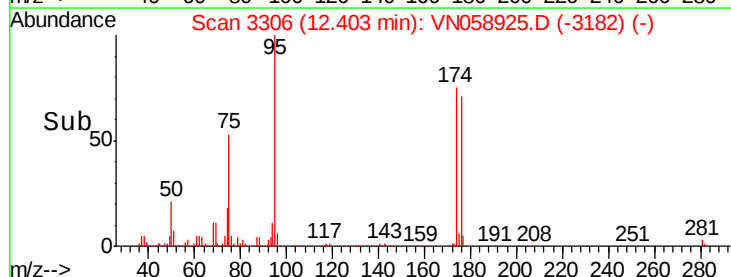
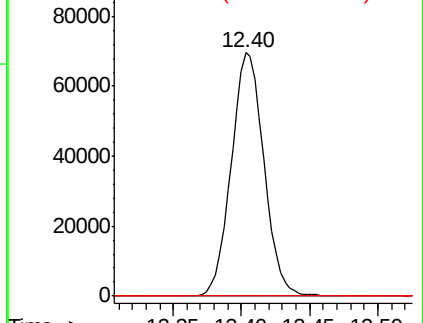
89 0.0 35.4 53.0#

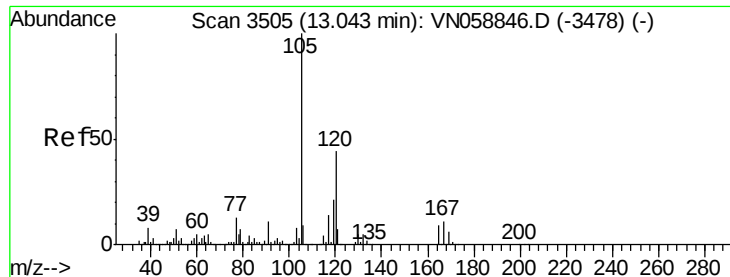


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

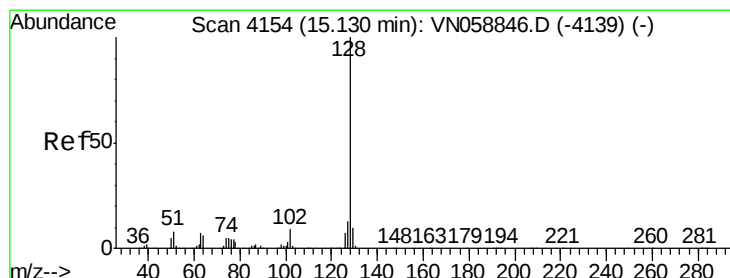
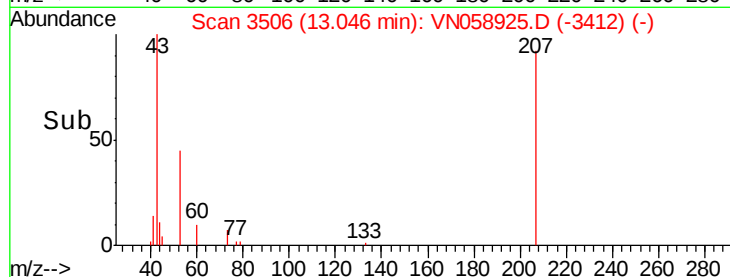
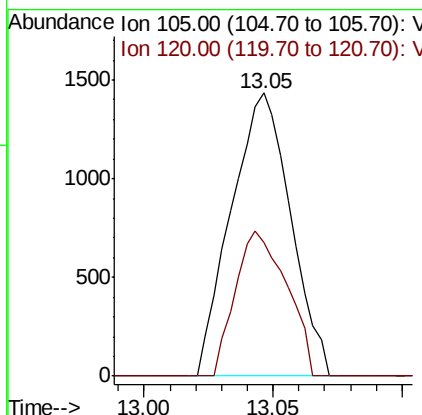
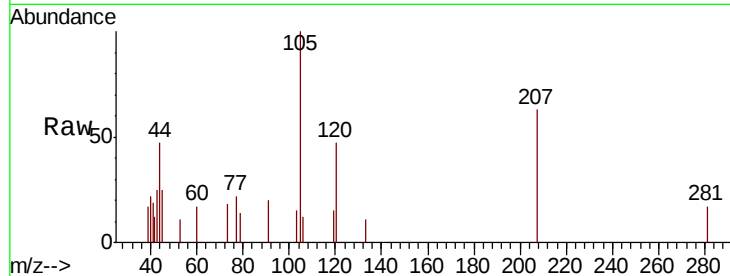




#84
 1,2,4-Trimethylbenzene
 Concen: 0.216 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN058925.D
 Acq: 23 Oct 2019 13:34

Instrument :
 MSVOA_N
 ClientSampleId :
 SECONDARY-PILE-SLP

Tot Ion:105 Resp: 2296
 Ion Ratio Lower Upper
 105 100
 120 44.4 21.9 65.8



#95
 Naphthalene
 Concen: 2.523 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN058925.D
 Acq: 23 Oct 2019 13:34

Tgt Ion:128 Resp: 3122
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.2 15.2
 129 9.1 8.4 12.6

