

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070119\
 Data File : VN056569.D
 Acq On : 1 Jul 2019 14:01
 Operator : JC/SP
 Sample : K3158-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-062819-C

Quant Time: Jul 02 01:07:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

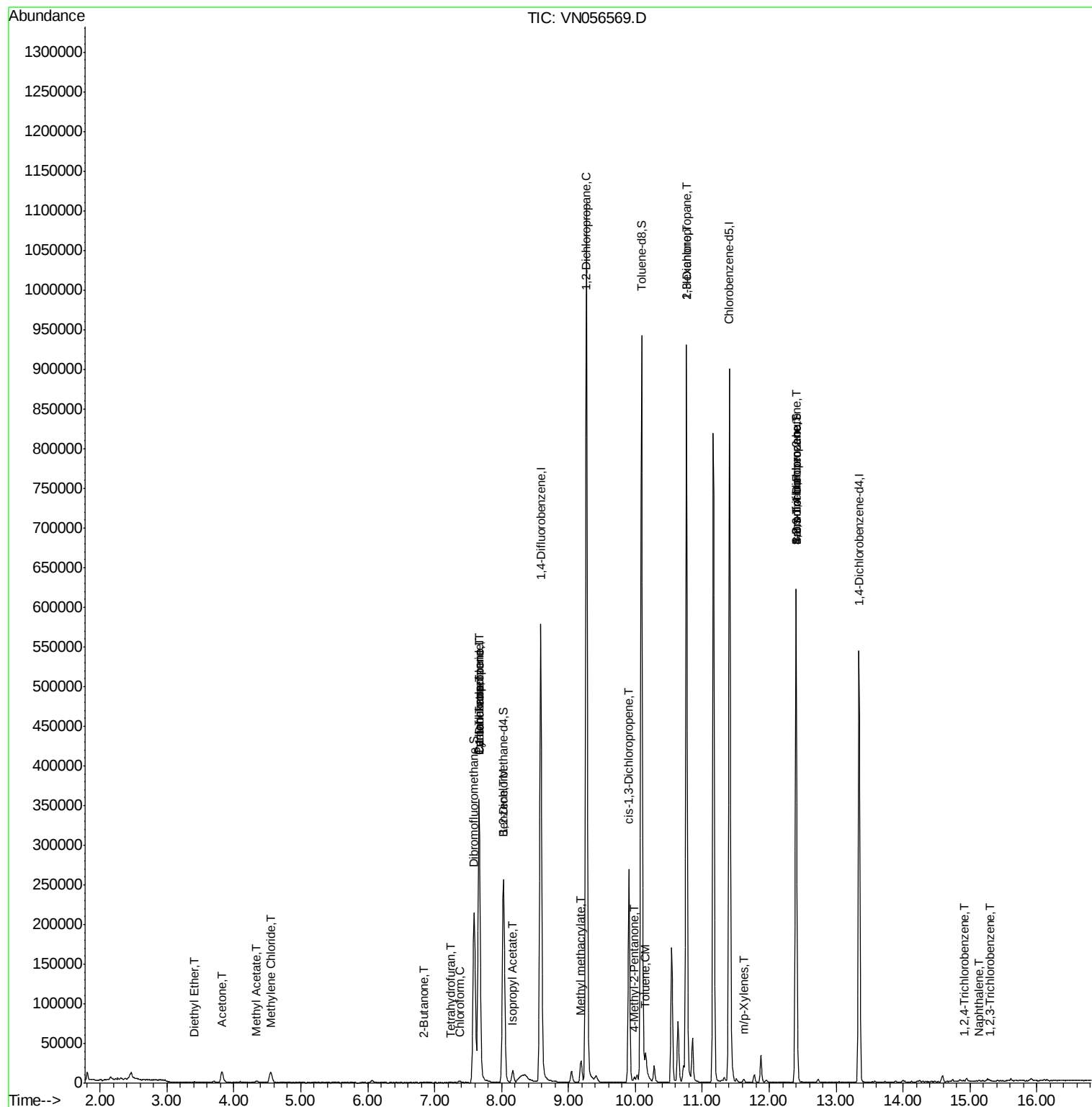
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	321433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	562921	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	560519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	158890	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	196234	55.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.16%	
35) Dibromofluoromethane	7.59	113	166582	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
50) Toluene-d8	10.09	98	706019	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
62) 4-Bromofluorobenzene	12.40	95	222186	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.41	74	397	0.203	ug/l	62
16) Acetone	3.82	43	24340	13.637	ug/l	92
18) Methyl Acetate	4.33	43	5415	0.693	ug/l #	76
20) Methylene Chloride	4.55	84	11159	2.470	ug/l	93
25) 2-Butanone	6.84	43	576	0.244	ug/l #	77
29) Tetrahydrofuran	7.23	42	598	0.414	ug/l #	49
30) Chloroform	7.38	83	2519	0.448	ug/l #	77
31) Cyclohexane	7.66	56	4882	0.887	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	20472	4.132	ug/l #	50
38) Carbon Tetrachloride	7.66	117	27715	6.397	ug/l #	16
40) Benzene	8.04	78	43505	2.855	ug/l	99
43) Isopropyl Acetate	8.17	43	18297	2.437	ug/l #	89
45) 1,2-Dichloropropane	9.27	63	1331	0.327	ug/l #	43
48) Methyl methacrylate	9.18	41	10490	2.788	ug/l #	21
51) 4-Methyl-2-Pentanone	9.99	43	4479	0.924	ug/l	98
52) Toluene	10.15	92	10432	1.120	ug/l	89
54) cis-1,3-Dichloropropene	9.90	75	49342	9.060	ug/l #	64
57) 1,3-Dichloropropane	10.76	76	9061	1.440	ug/l #	42
59) 2-Hexanone	10.76	43	131958	37.049	ug/l #	51
68) m/p-Xylenes	11.62	106	1864	0.257	ug/l	96
71) Bromoform	12.40	173	1544	3.614	ug/l #	1
73) Isopropylbenzene	12.25	105	153	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.40	75	103963	31.555	ug/l #	100
79) 2-Chlorotoluene	12.66	91	219	Below Cal	#	40
80) 1,3,5-Trimethylbenzene	12.73	105	2445	Below Cal		99
81) trans-1,4-Dichloro-2-buten	12.40	75	103963	112.153	ug/l #	8
83) tert-Butylbenzene	12.99	119	62	Below Cal	#	73
93) 1,2,4-Trichlorobenzene	14.91	180	281	5.704	ug/l #	10
95) Naphthalene	15.13	128	1618	5.444	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.31	180	318	4.582	ug/l #	66

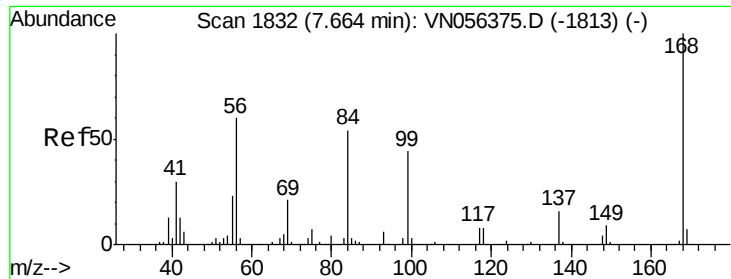
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN056569.D

Acq: 1 Jul 2019 14:01

Instrument :

MSVOA_N

ClientSampleId :

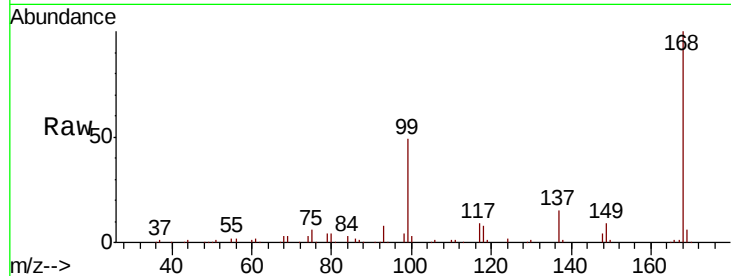
EO-01-062819-C

Tot Ion:168 Resp: 321433

Ion Ratio Lower Upper

168 100

99 49.4 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

150000

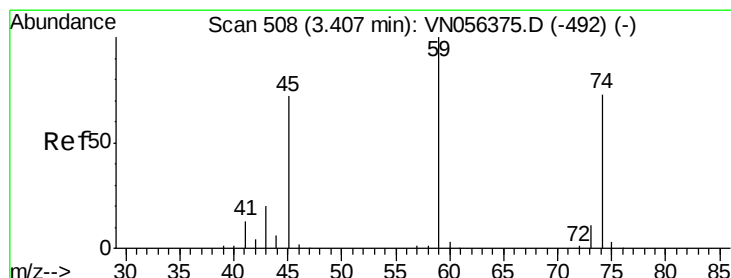
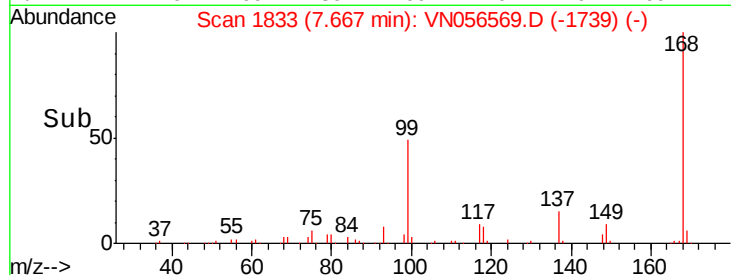
100000

50000

0

Time-->

7.60 7.70 7.80



#8

Diethyl Ether

Concen: 0.203 ug/l

RT: 3.41 min Scan# 510

Delta R.T. 0.01 min

Lab File: VN056569.D

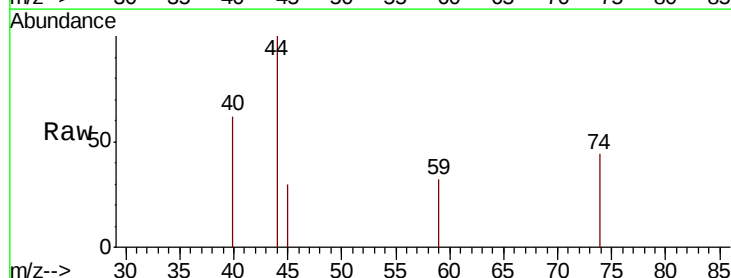
Acq: 1 Jul 2019 14:01

Tgt Ion: 74 Resp: 397

Ion Ratio Lower Upper

74 100

45 59.9 48.9 146.6



Abundance Ion 74.00 (73.70 to 74.70): VN

Ion 45.00 (44.70 to 45.70): VN

3.41

300

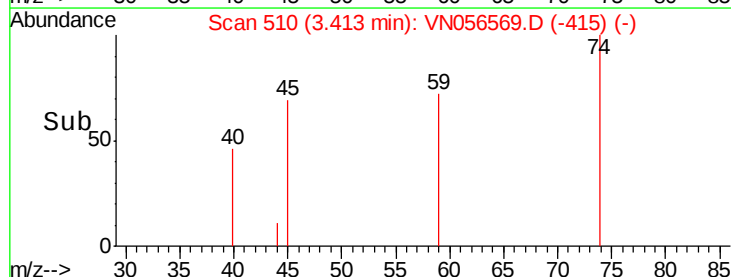
200

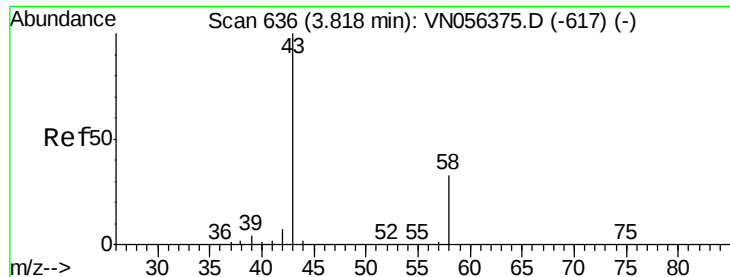
100

0

Time-->

3.38 3.40 3.42 3.44





#16

Acetone

Concen: 13.637 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056569.D

Acq: 1 Jul 2019 14:01

Instrument :

MSVOA_N

ClientSampleId :

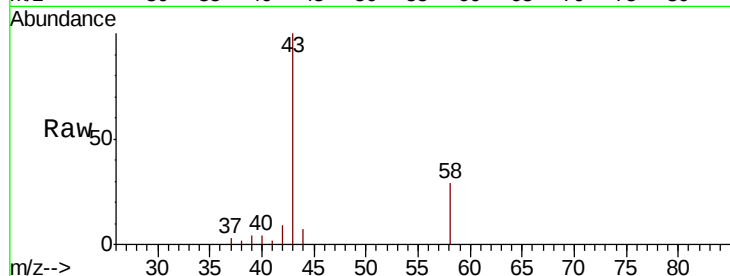
EO-01-062819-C

Tot Ion: 43 Resp: 24340

Ion Ratio Lower Upper

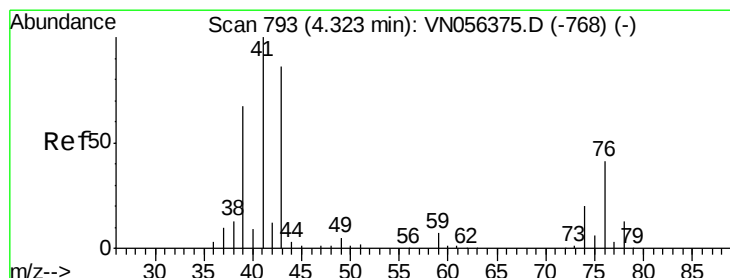
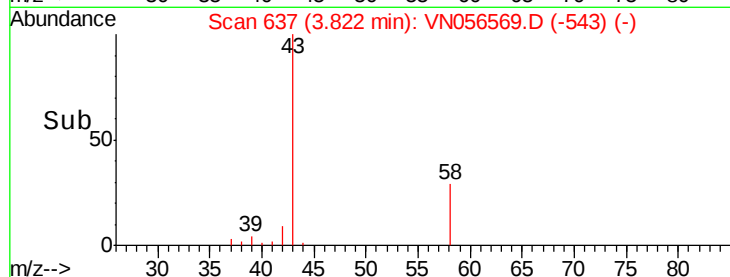
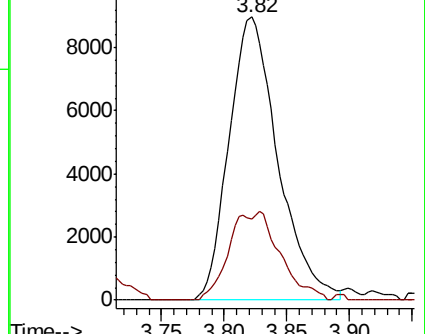
43 100

58 28.7 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.693 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.01 min

Lab File: VN056569.D

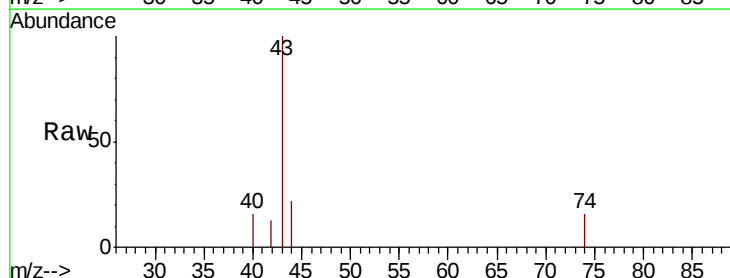
Acq: 1 Jul 2019 14:01

Tgt Ion: 43 Resp: 5415

Ion Ratio Lower Upper

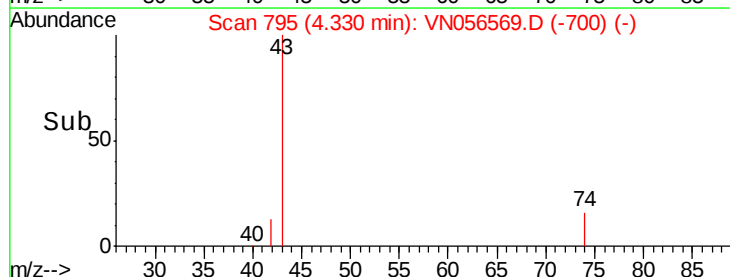
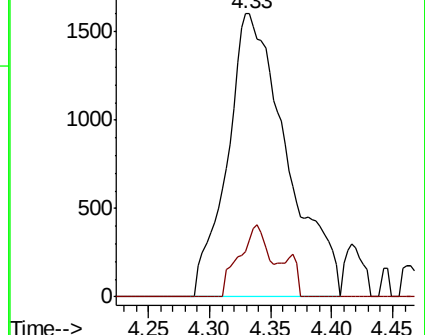
43 100

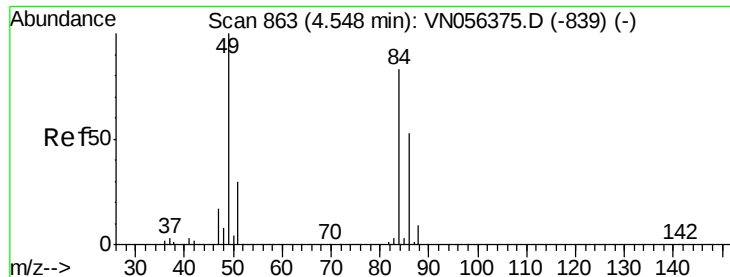
74 12.0 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

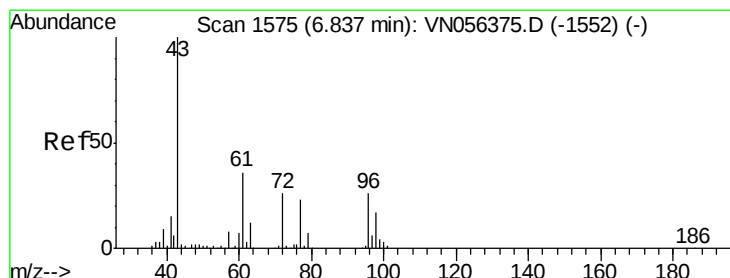
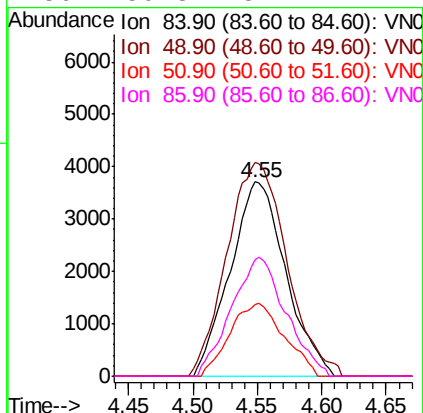
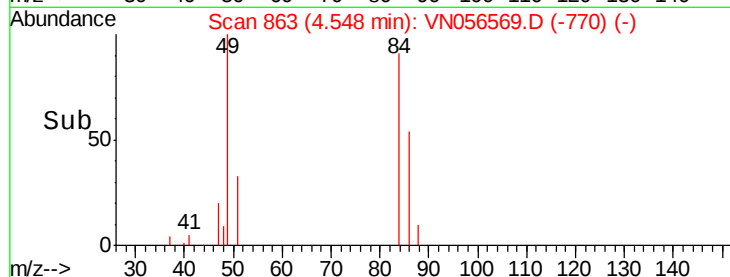
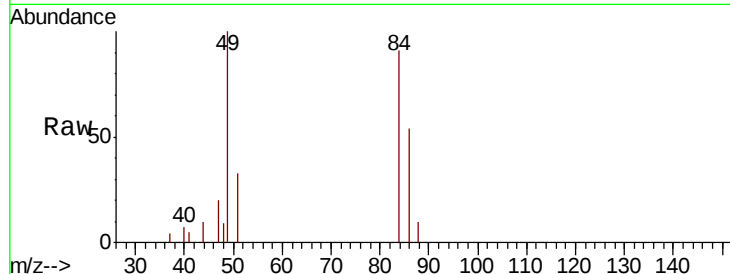




#20
Methvlene Chloride
Concen: 2.470 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN056569.D
Acq: 1 Jul 2019 14:01

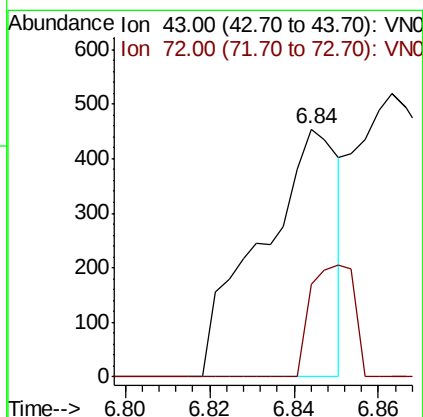
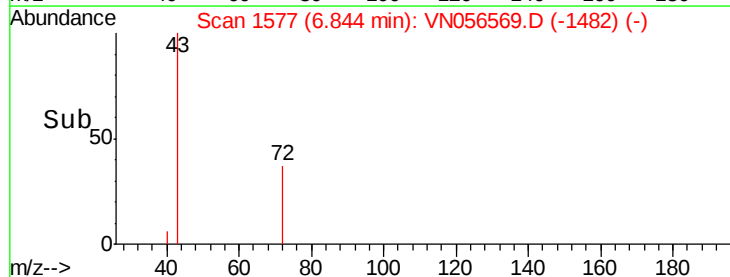
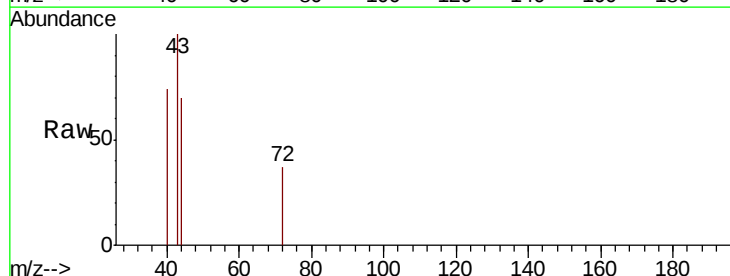
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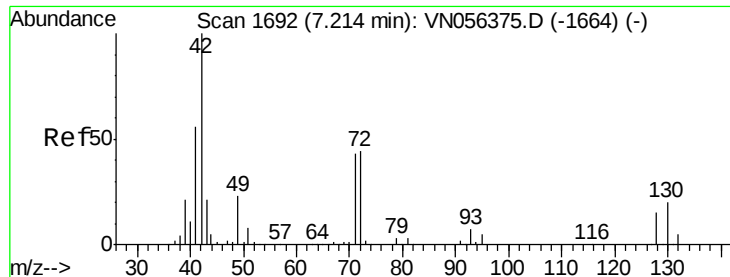
Tot Ion: 84 Resp: 11159
Ion Ratio Lower Upper
84 100
49 110.0 96.4 144.6
51 36.8 28.6 43.0
86 59.8 51.4 77.2



#25
2-Butanone
Concen: 0.244 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN056569.D
Acq: 1 Jul 2019 14:01

Tgt Ion: 43 Resp: 576
Ion Ratio Lower Upper
43 100
72 37.4 20.6 31.0#





#29

Tetrahydrofuran

Concen: 0.414 ug/l

RT: 7.23 min Scan# 1697

Delta R.T. 0.02 min

Lab File: VN056569.D

Acq: 1 Jul 2019 14:01

Instrument :

MSVOA_N

ClientSampleId :

EO-01-062819-C

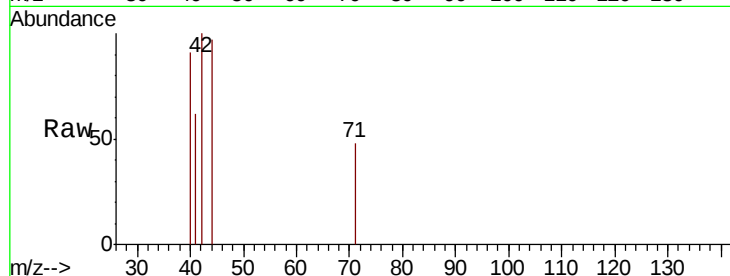
Tot Ion: 42 Resp: 598

Ion Ratio Lower Upper

42 100

72 0.0 34.7 52.1#

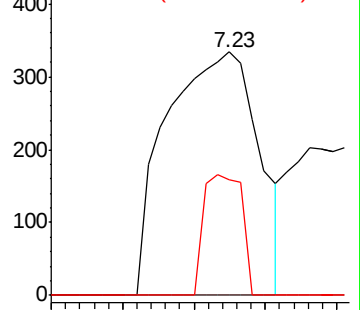
71 20.4 33.0 49.6#



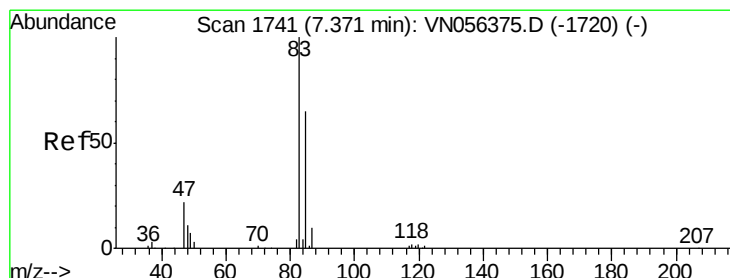
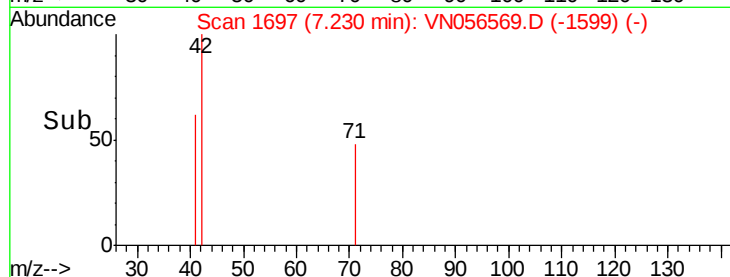
Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



Time--> 7.18 7.20 7.22 7.24



#30

Chloroform

Concen: 0.448 ug/l

RT: 7.38 min Scan# 1743

Delta R.T. 0.01 min

Lab File: VN056569.D

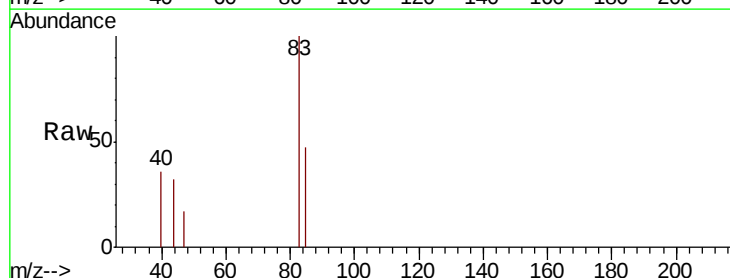
Acq: 1 Jul 2019 14:01

Tgt Ion: 83 Resp: 2519

Ion Ratio Lower Upper

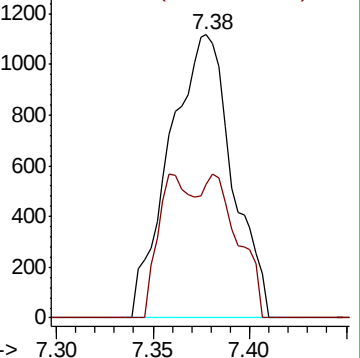
83 100

85 47.1 52.3 78.5#

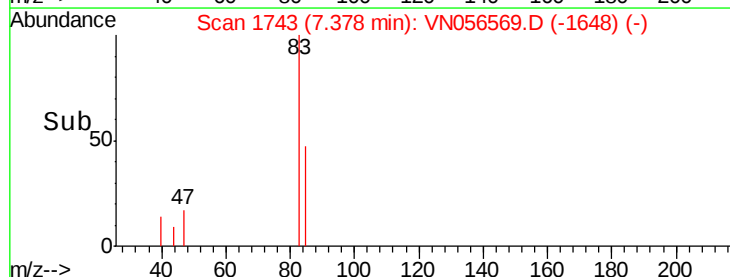


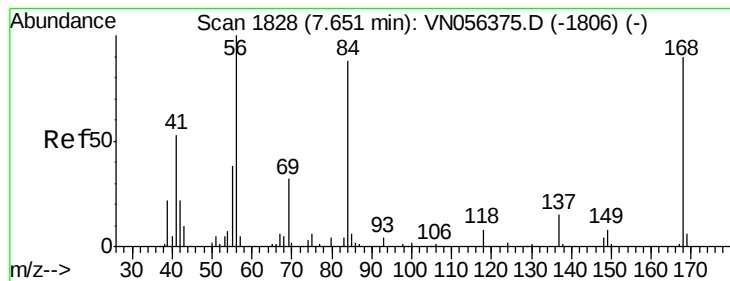
Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0



Time--> 7.30 7.35 7.40





#31

Cyclohexane

Concen: 0.887 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VN056569.D

Acq: 1 Jul 2019 14:01

Instrument :

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ClientSampleId :

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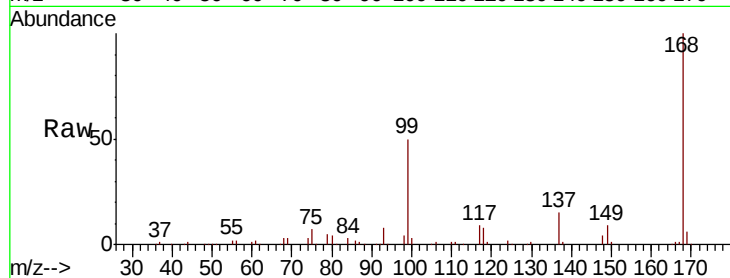
Tot Ion: 56 Resp: 4882

Ion Ratio Lower Upper

56 100

69 206.4 25.8 38.6#

84 176.5 69.4 104.0#

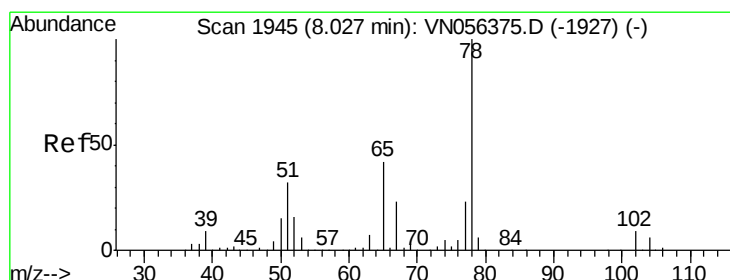
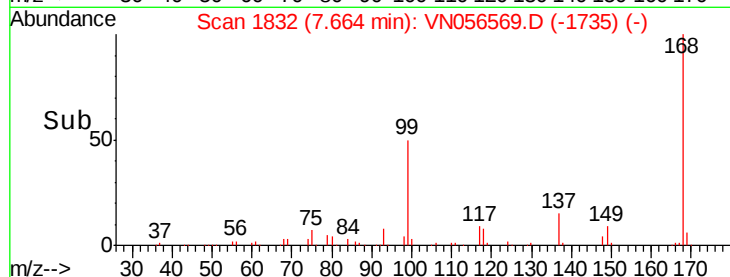
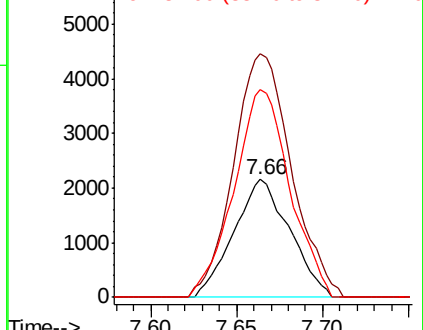


Abundance

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: 55.084 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056569.D

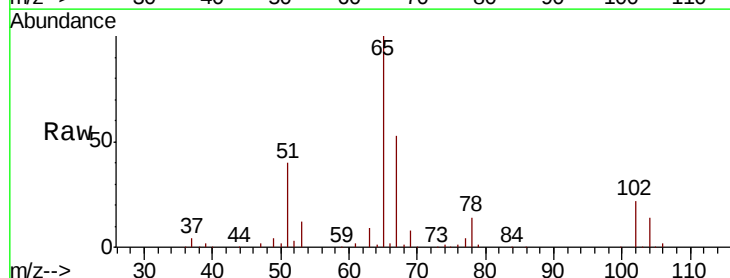
Acq: 1 Jul 2019 14:01

Tgt Ion: 65 Resp: 196234

Ion Ratio Lower Upper

65 100

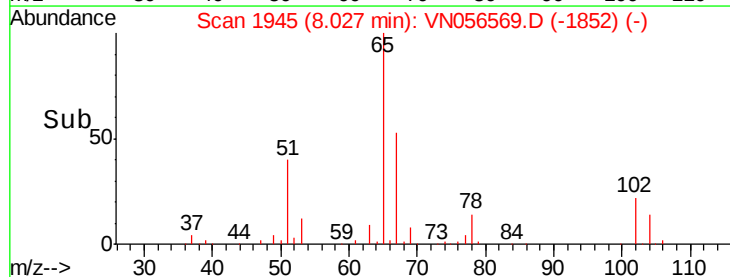
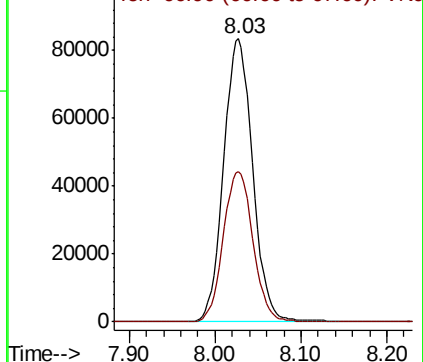
67 54.2 0.0 109.0

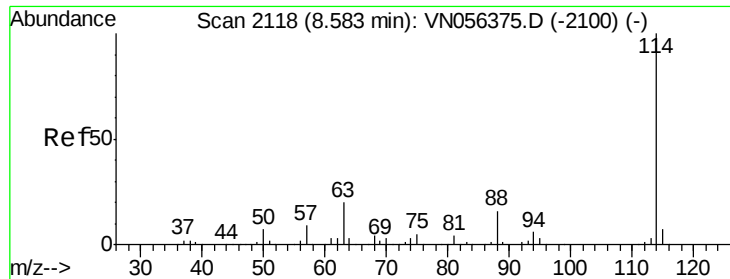


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

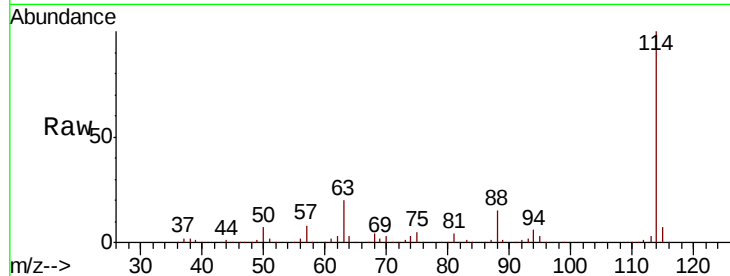




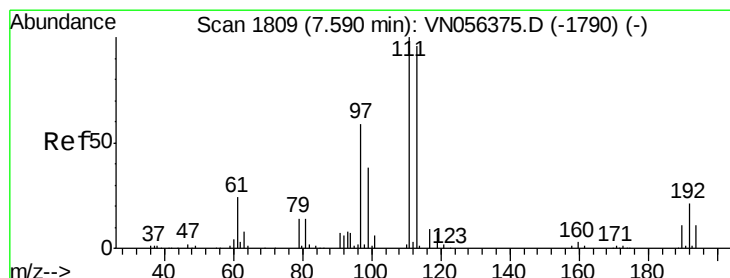
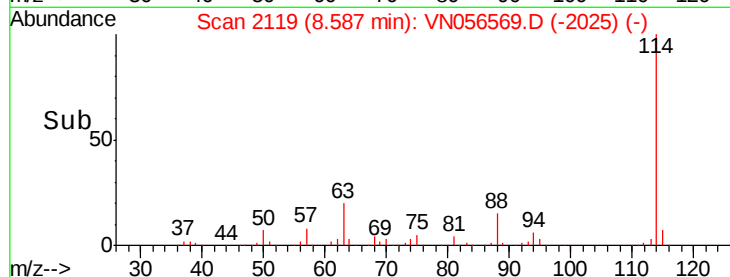
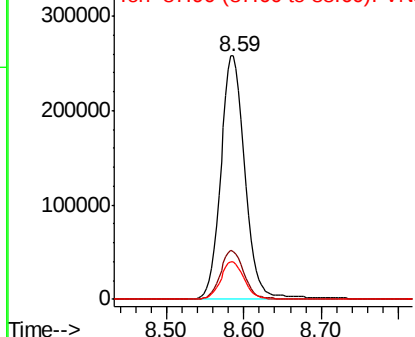
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN056569.D
Acq: 1 Jul 2019 14:01

Instrument :
MSVOA_N
ClientSampleId :
EO-01-062819-C

Tot Ion:114 Resp: 562921
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.2
88 15.2 0.0 31.4

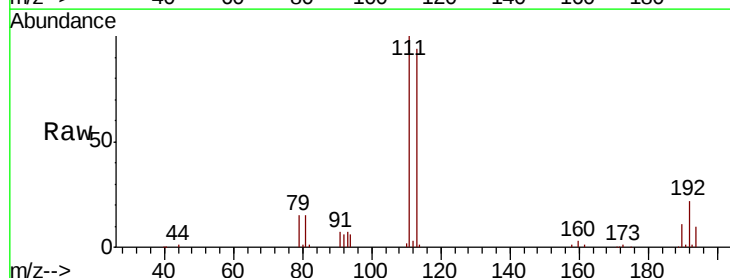


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

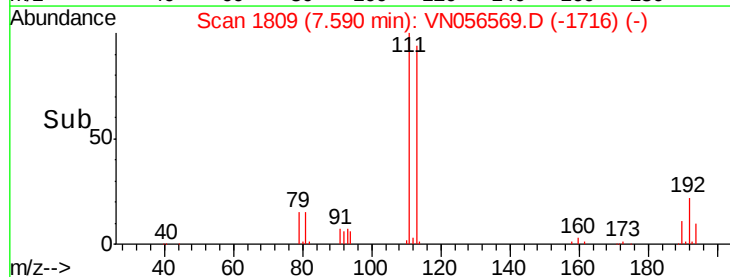
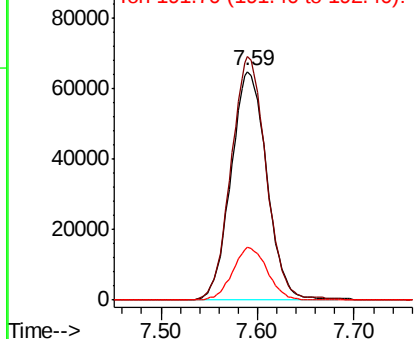


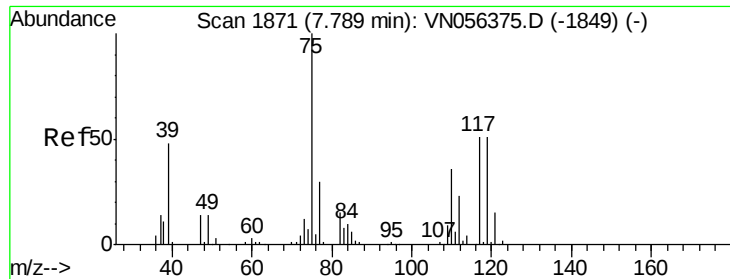
#35
Dibromofluoromethane
Concen: 47.436 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN056569.D
Acq: 1 Jul 2019 14:01

Tgt Ion:113 Resp: 166582
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 22.2 17.7 26.5



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: 4.132 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN056569.D

Acq: 1 Jul 2019 14:01

Instrument :

MSVOA_N

ClientSampleId :

EO-01-062819-C

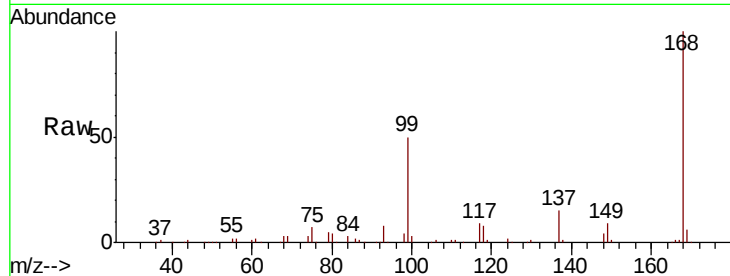
Tot Ion: 75 Resp: 20472

Ion Ratio Lower Upper

75 100

110 9.4 18.1 54.3#

77 0.0 24.6 36.8#

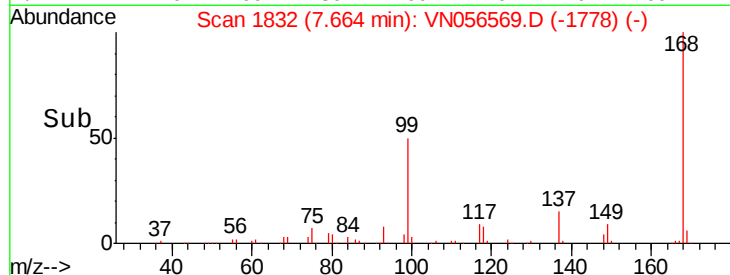


Abundance Ion 74.90 (74.60 to 75.60): VN056375.D (-1849) (-)

Ion 109.90 (109.60 to 110.60): VN056375.D (-1849) (-)

Ion 76.90 (76.60 to 77.60): VN056375.D (-1849) (-)

Time-->



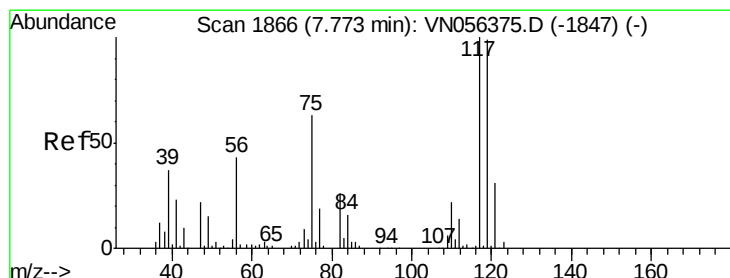
Abundance

Ion 74.90 (74.60 to 75.60): VN056375.D (-1849) (-)

Ion 109.90 (109.60 to 110.60): VN056375.D (-1849) (-)

Ion 76.90 (76.60 to 77.60): VN056375.D (-1849) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 6.397 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN056569.D

Acq: 1 Jul 2019 14:01

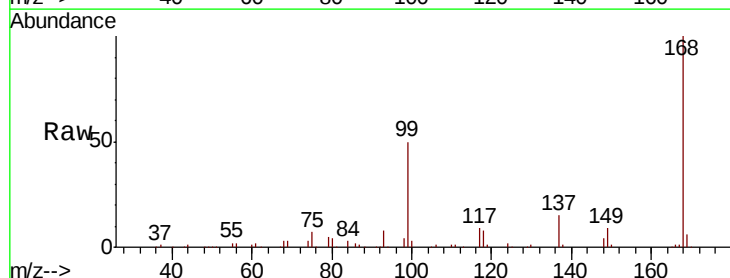
Tgt Ion: 117 Resp: 27715

Ion Ratio Lower Upper

117 100

119 6.4 79.1 118.7#

121 0.0 24.8 37.2#

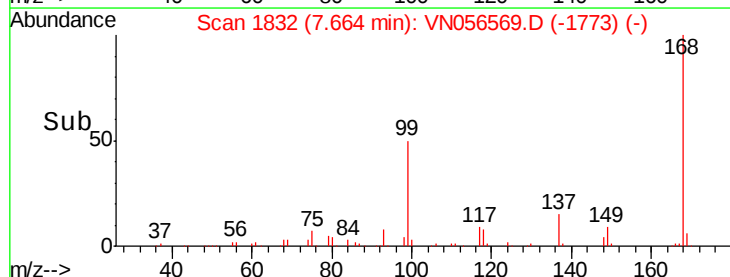


Abundance Ion 116.80 (116.50 to 117.50): VN056375.D (-1847) (-)

Ion 118.80 (118.50 to 119.50): VN056375.D (-1847) (-)

Ion 120.80 (120.50 to 121.50): VN056375.D (-1847) (-)

Time-->



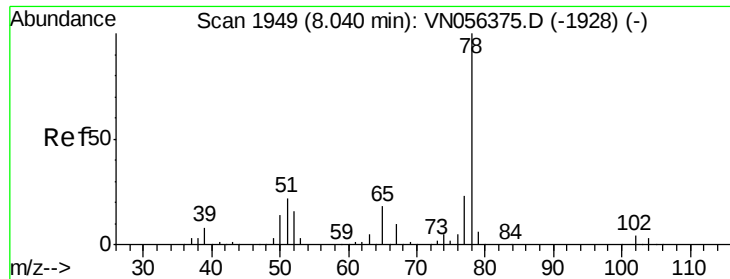
Abundance

Ion 116.80 (116.50 to 117.50): VN056375.D (-1847) (-)

Ion 118.80 (118.50 to 119.50): VN056375.D (-1847) (-)

Ion 120.80 (120.50 to 121.50): VN056375.D (-1847) (-)

Time-->



#40

Benzene

Concen: 2.855 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN056569.D

Acq: 1 Jul 2019 14:01

Instrument :

MSVOA_N

ClientSampleId :

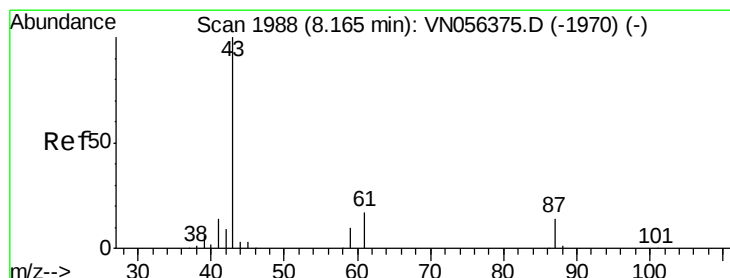
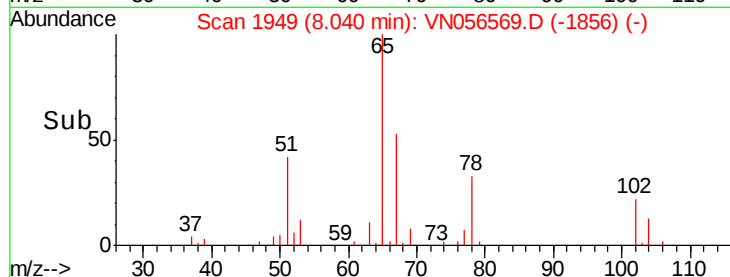
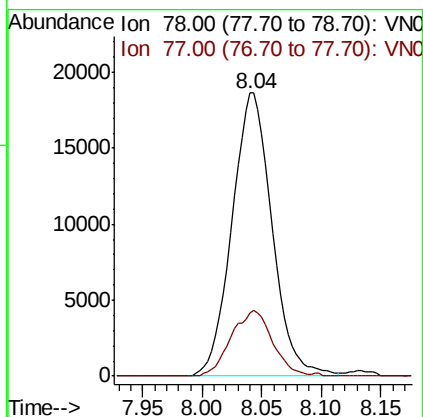
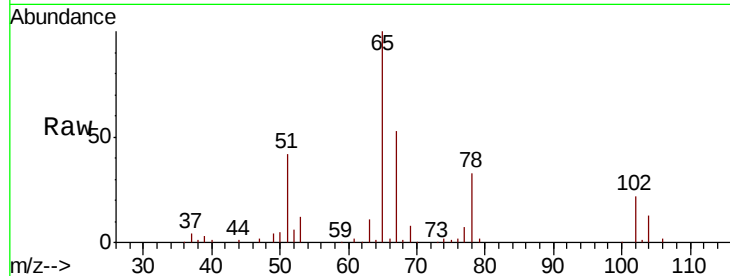
EO-01-062819-C

Tot Ion: 78 Resp: 43505

Ion Ratio Lower Upper

78 100

77 22.3 18.3 27.5



#43

Isopropyl Acetate

Concen: 2.437 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056569.D

Acq: 1 Jul 2019 14:01

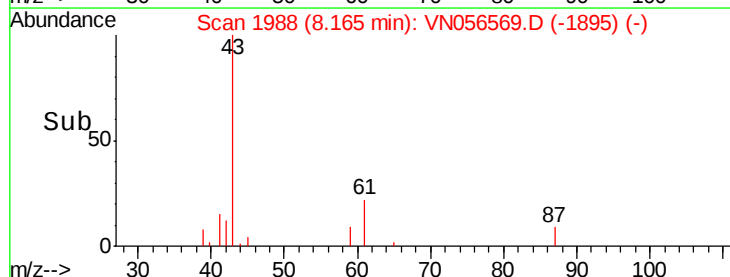
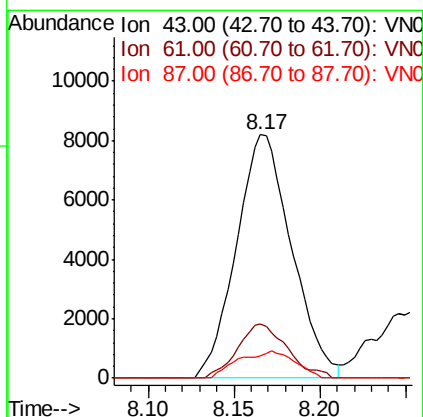
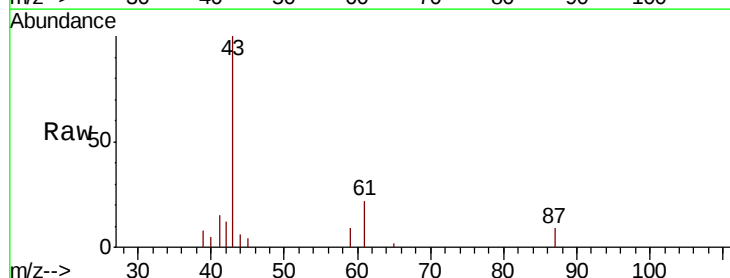
Tgt Ion: 43 Resp: 18297

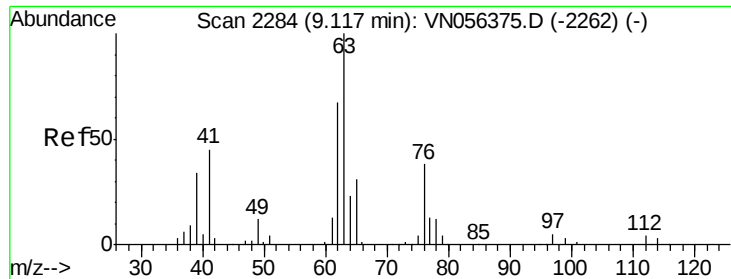
Ion Ratio Lower Upper

43 100

61 20.0 22.0 33.0#

87 11.4 11.0 16.4





#45

1,2-Dichloropropane

Concen: 0.327 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.15 min

Lab File: VN056569.D

Acq: 1 Jul 2019 14:01

Instrument :

MSVOA_N

ClientSampleId :

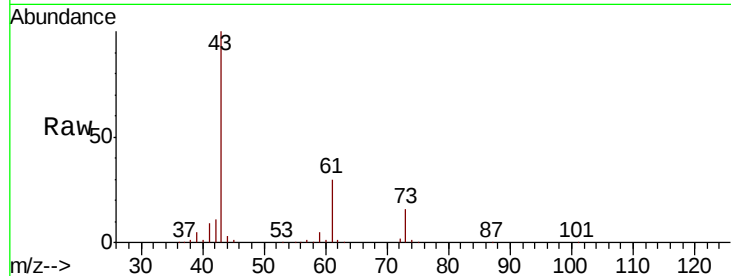
EO-01-062819-C

Tot Ion: 63 Resp: 1331

Ion Ratio Lower Upper

63 100

65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.27

800

600

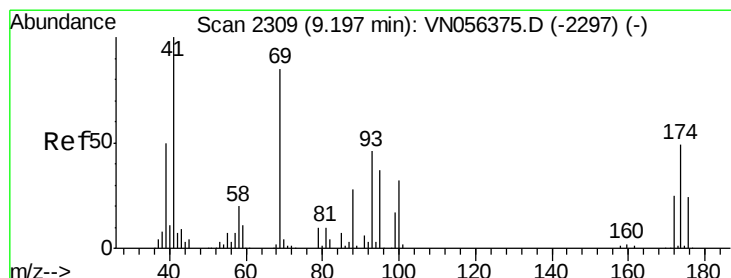
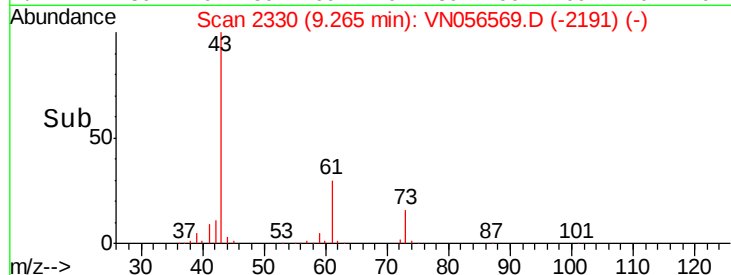
400

200

0

9.25 9.30

Time-->



#48

Methyl methacrylate

Concen: 2.788 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN056569.D

Acq: 1 Jul 2019 14:01

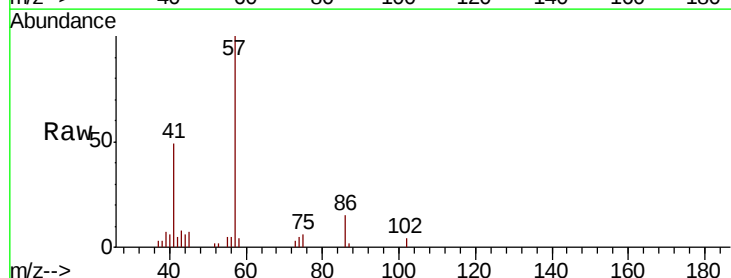
Tgt Ion: 41 Resp: 10490

Ion Ratio Lower Upper

41 100

69 0.0 72.6 109.0#

39 18.1 42.6 63.8#



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

60000

50000

40000

30000

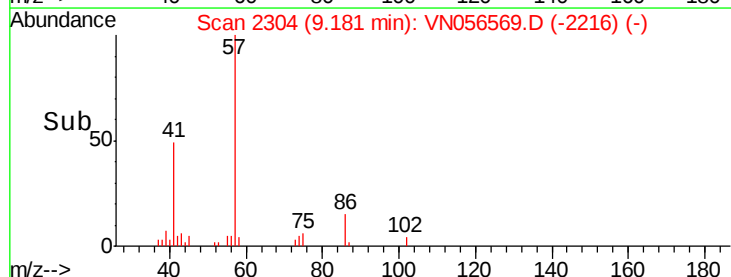
20000

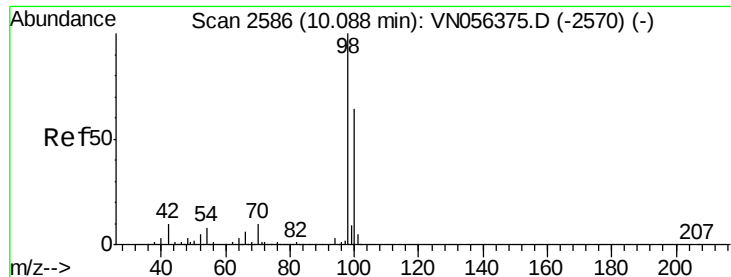
10000

0

9.15 9.20 9.25

Time-->





#50

Toluene-d8

Concen: 51.669 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056569.D

Acq: 1 Jul 2019 14:01

Instrument :

MSVOA_N

ClientSampleId :

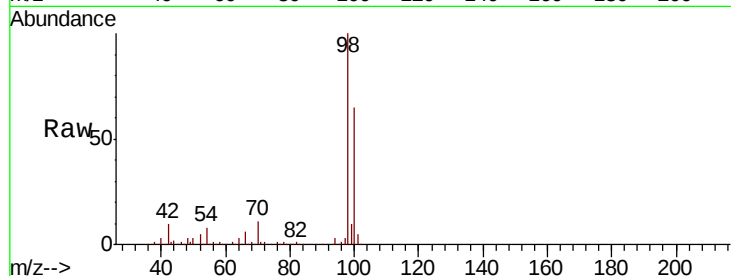
EO-01-062819-C

Tot Ion: 98 Resp: 706019

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

400000

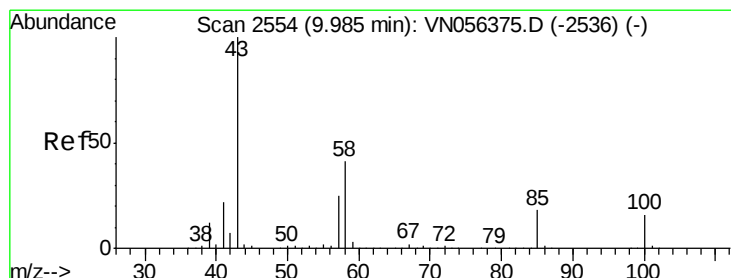
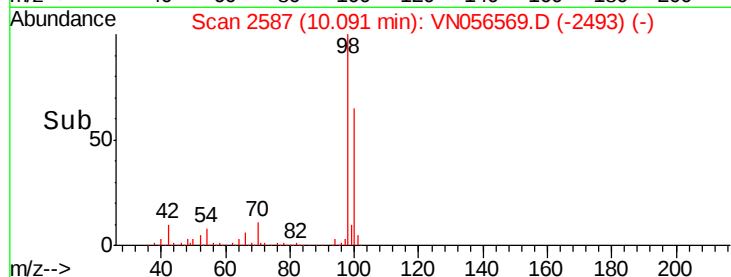
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.924 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056569.D

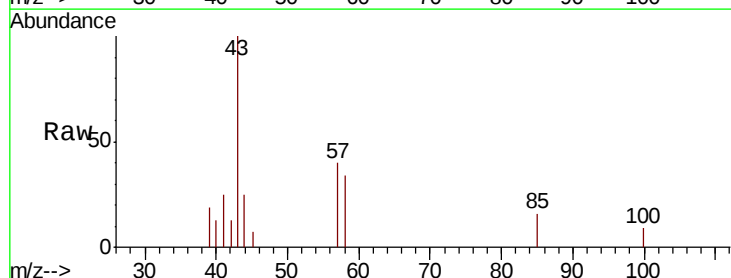
Acq: 1 Jul 2019 14:01

Tgt Ion: 43 Resp: 4479

Ion Ratio Lower Upper

43 100

58 38.4 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

5000

4000

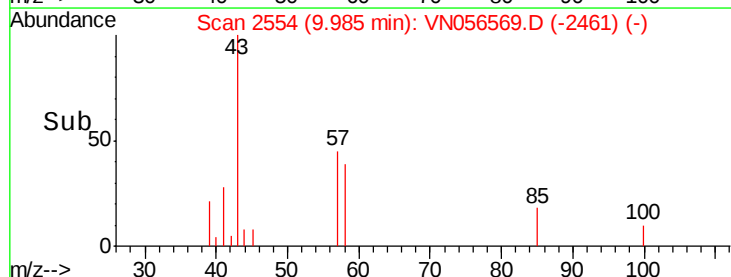
3000

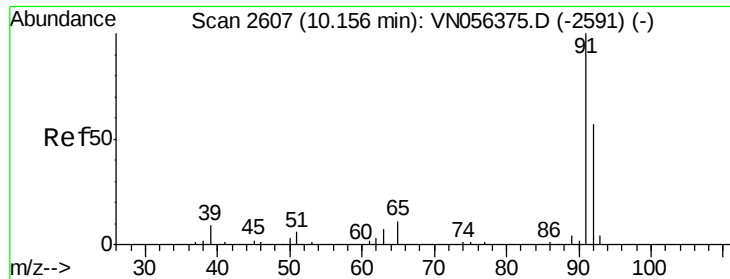
2000

1000

0

Time-->





#52

Toluene

Concen: 1.120 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN056569.D

Acq: 1 Jul 2019 14:01

Instrument :

MSVOA_N

ClientSampleId :

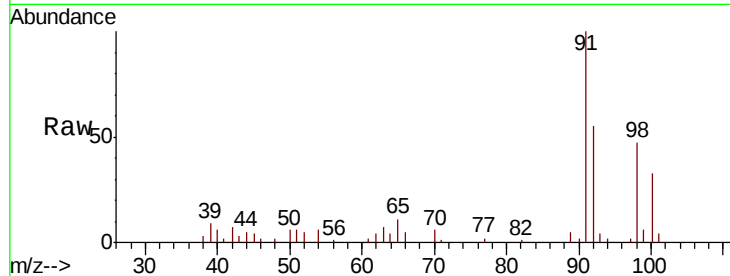
EO-01-062819-C

Tot Ion: 92 Resp: 10432

Ion Ratio Lower Upper

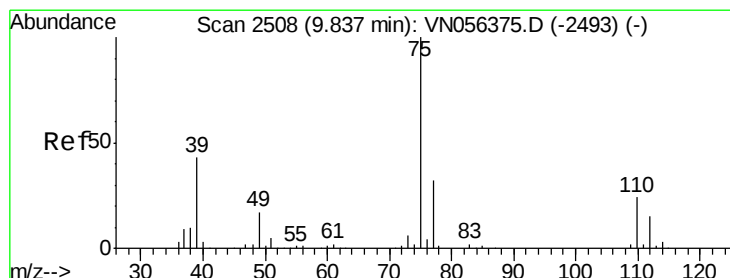
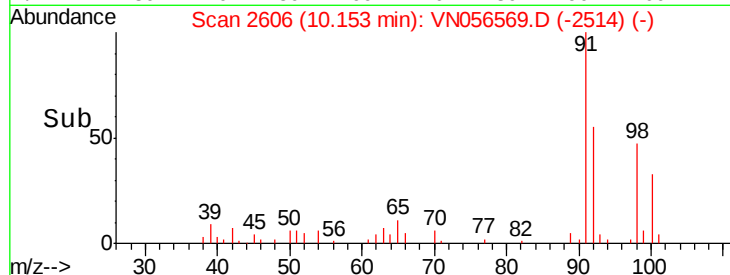
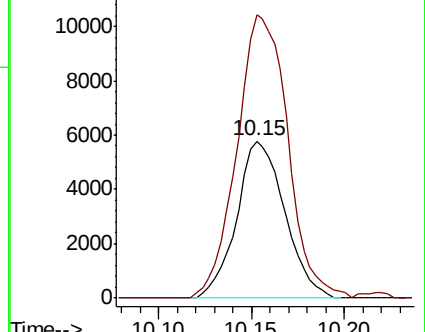
92 100

91 191.1 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 9.060 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056569.D

Acq: 1 Jul 2019 14:01

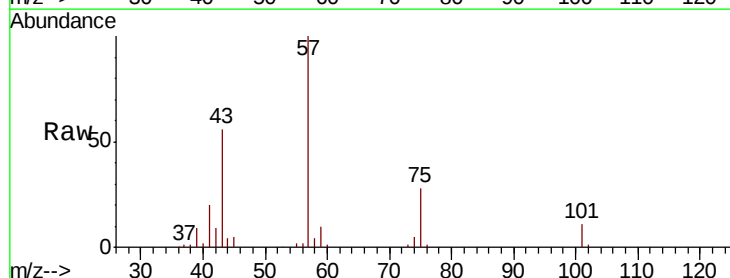
Tgt Ion: 75 Resp: 49342

Ion Ratio Lower Upper

75 100

77 0.0 25.2 37.8#

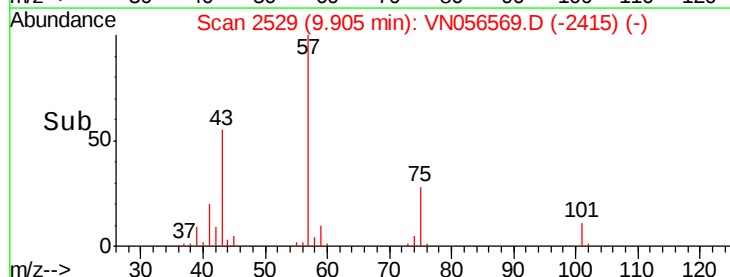
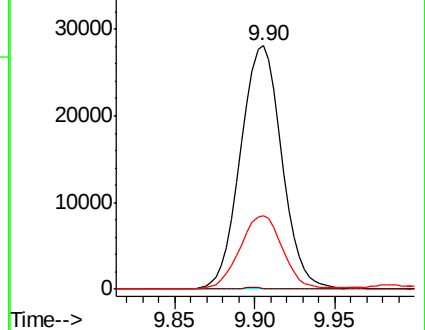
39 30.2 34.2 51.4#

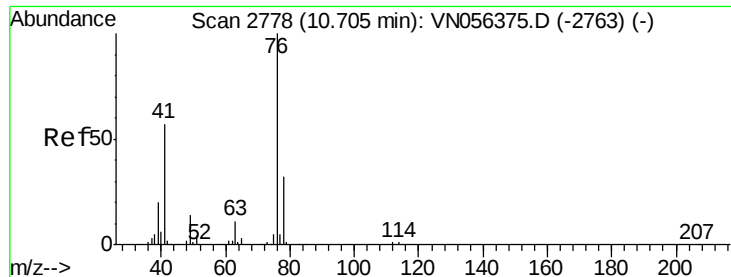


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

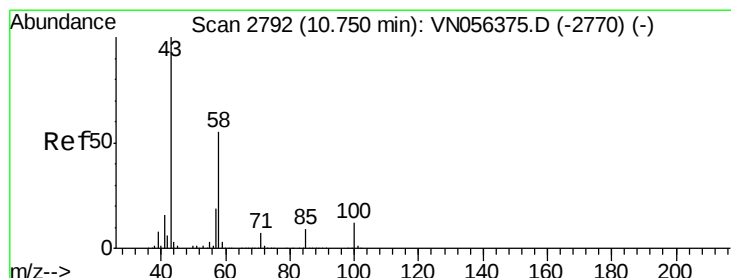
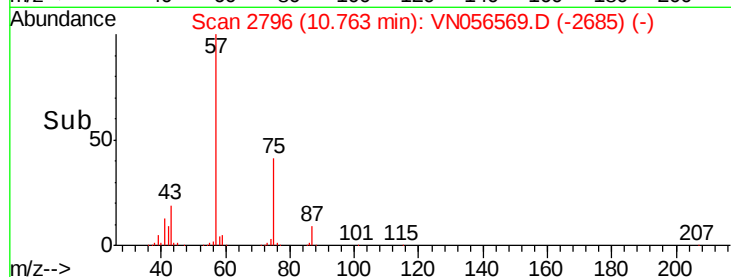
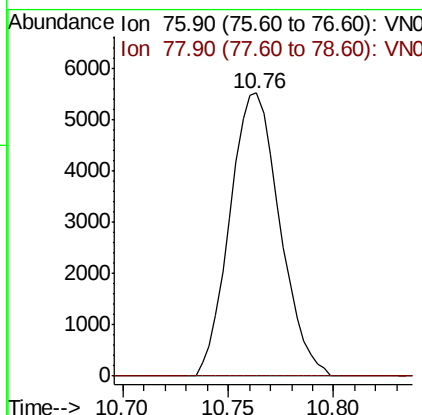
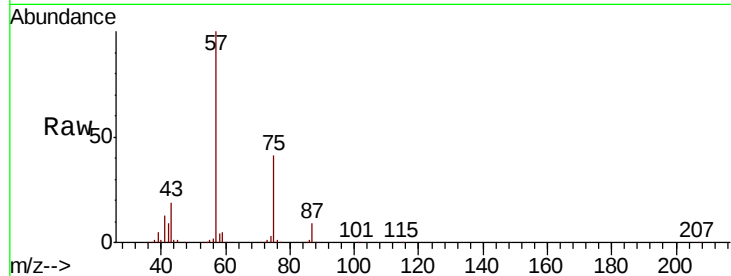




#57
 1,3-Dichloropropane
 Concen: 1.440 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN056569.D
 Acq: 1 Jul 2019 14:01

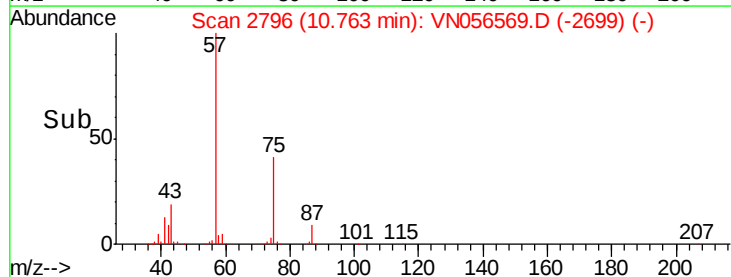
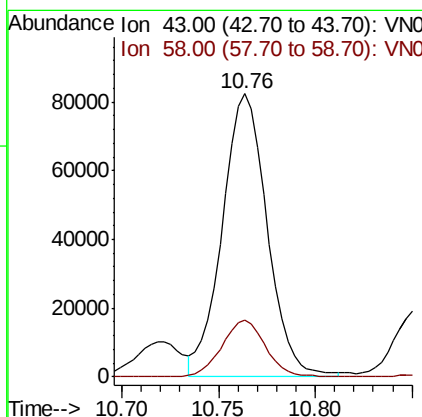
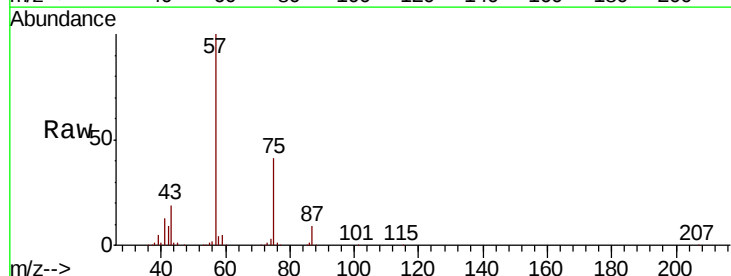
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-062819-C

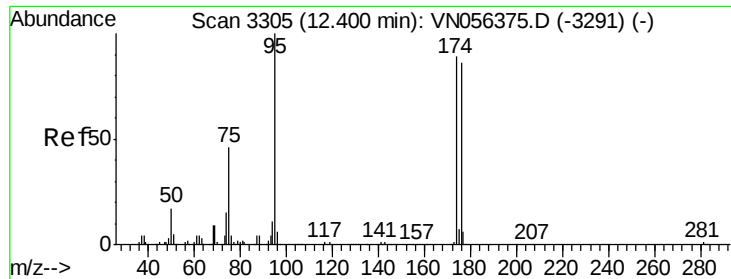
Tot Ion: 76 Resp: 9061
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.9 38.9#



#59
 2-Hexanone
 Concen: 37.049 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN056569.D
 Acq: 1 Jul 2019 14:01

Tgt Ion: 43 Resp: 131958
 Ion Ratio Lower Upper
 43 100
 58 19.9 27.8 83.4#





#62

4-Bromofluorobenzene

Concen: 48.777 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056569.D

Acq: 1 Jul 2019 14:01

Instrument :

MSVOA_N

ClientSampled :

EO-01-062819-C

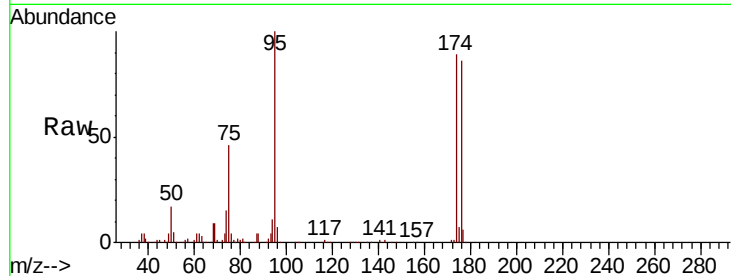
Tot Ion: 95 Resp: 222186

Ion Ratio Lower Upper

95 100

174 89.3 0.0 179.4

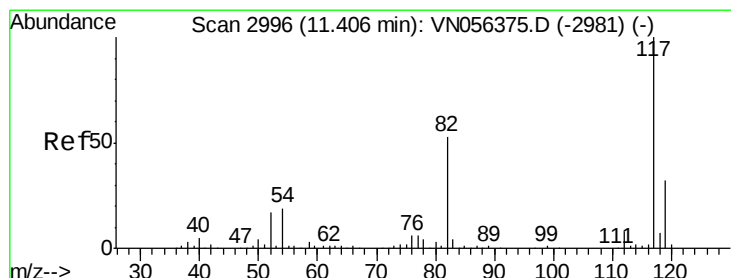
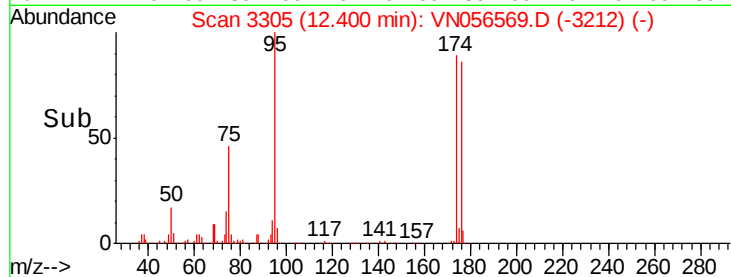
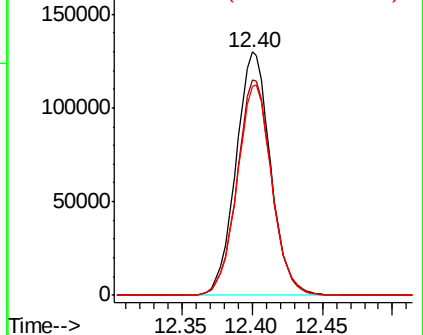
176 86.8 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056569.D

Acq: 1 Jul 2019 14:01

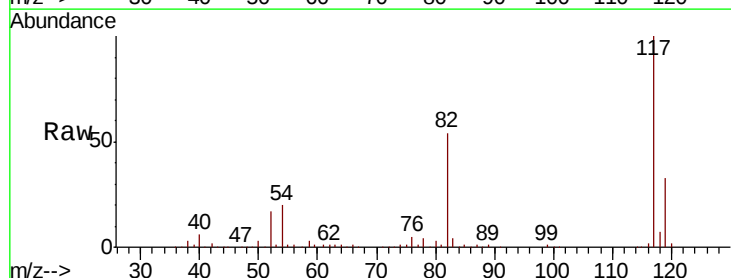
Tgt Ion: 117 Resp: 560519

Ion Ratio Lower Upper

117 100

82 53.6 42.0 63.0

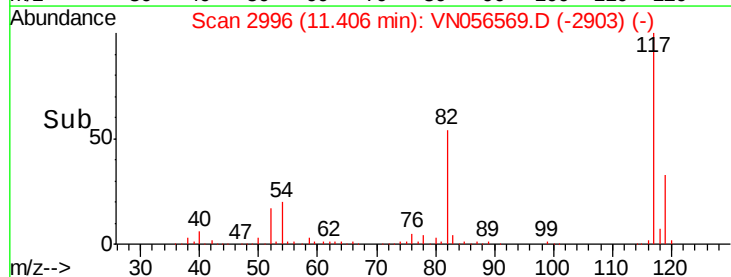
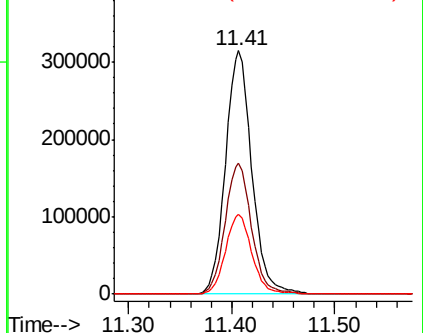
119 32.7 25.3 37.9

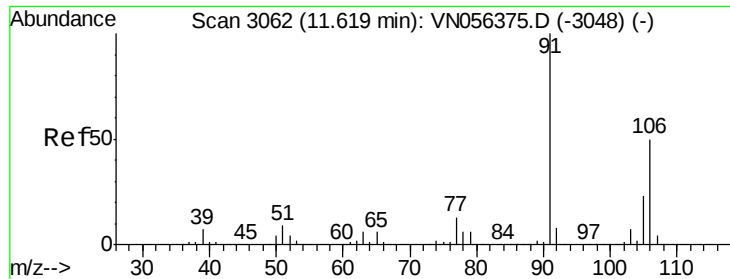


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

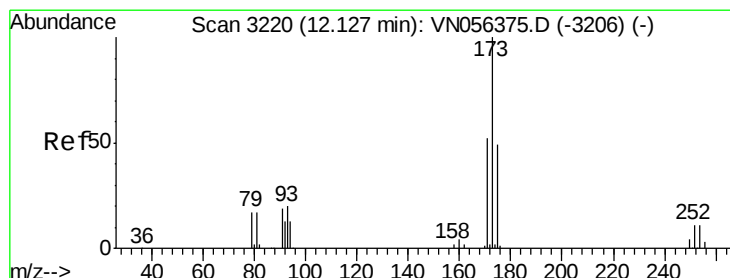
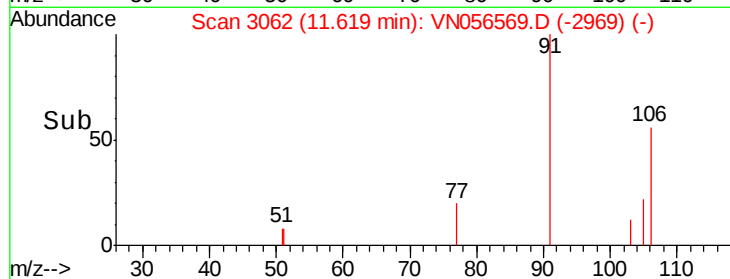
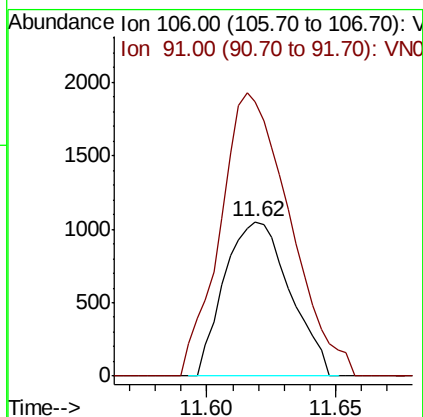
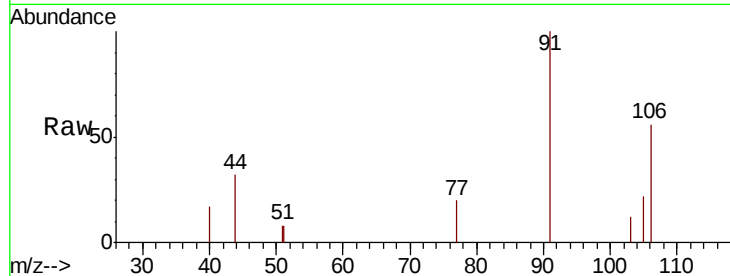




#68
m/p-Xvlenes
Concen: 0.257 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056569.D
Acq: 1 Jul 2019 14:01

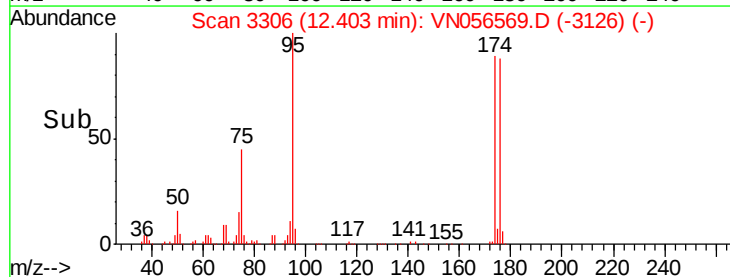
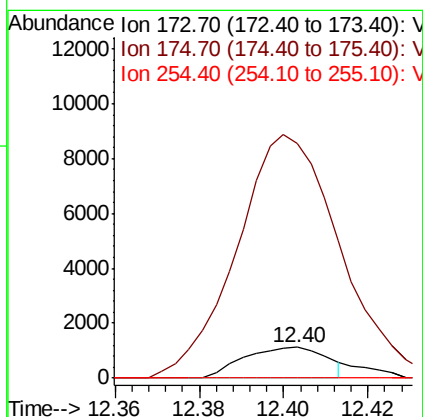
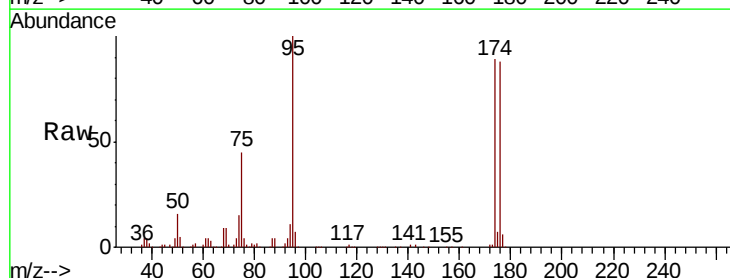
Instrument :
MSVOA_N
ClientSampleId :
EO-01-062819-C

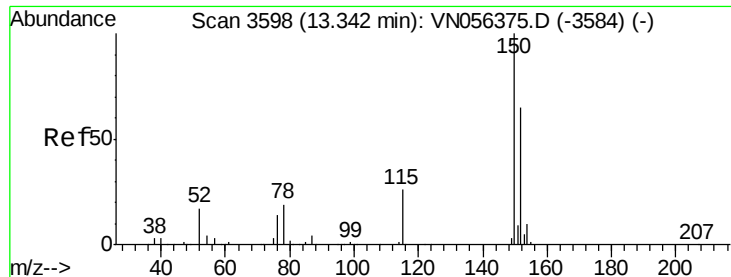
Tot Ion:106 Resp: 1864
Ion Ratio Lower Upper
106 100
91 194.5 160.1 240.1



#71
Bromoform
Concen: 3.614 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN056569.D
Acq: 1 Jul 2019 14:01

Tgt Ion:173 Resp: 1544
Ion Ratio Lower Upper
173 100
175 850.6 24.4 73.4#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN056569.D

Acq: 1 Jul 2019 14:01

Instrument :

MSVOA_N

ClientSampleId :

EO-01-062819-C

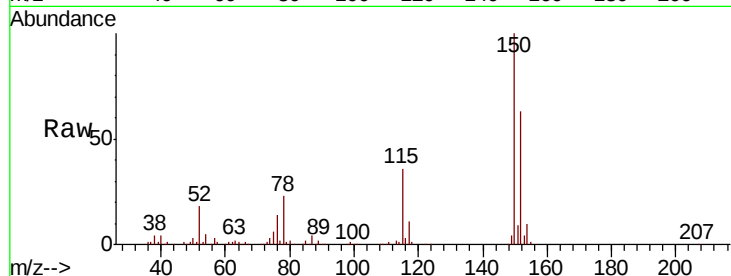
Tot Ion:152 Resp: 158890

Ion Ratio Lower Upper

152 100

115 55.5 28.1 84.4

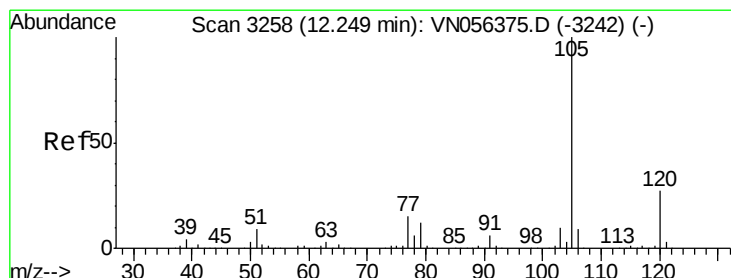
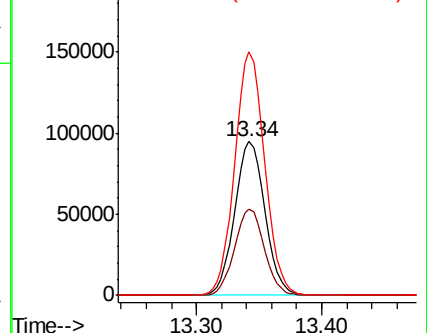
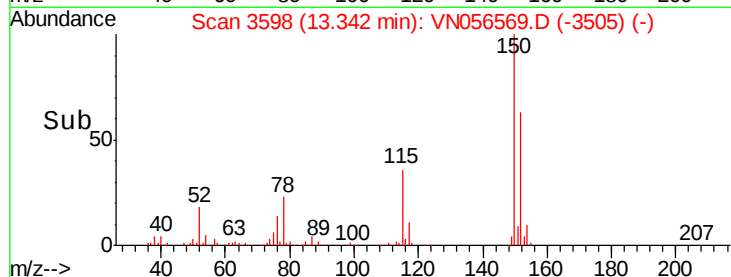
150 156.9 0.0 348.4



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



#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN056569.D

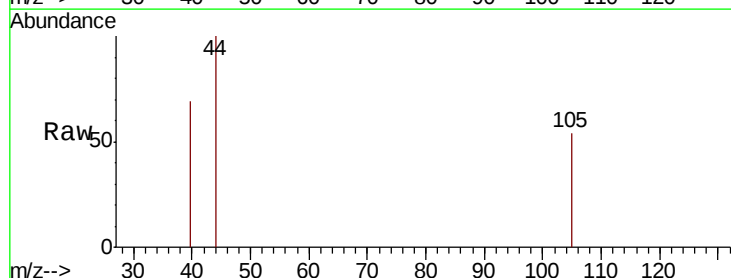
Acq: 1 Jul 2019 14:01

Tgt Ion:105 Resp: 153

Ion Ratio Lower Upper

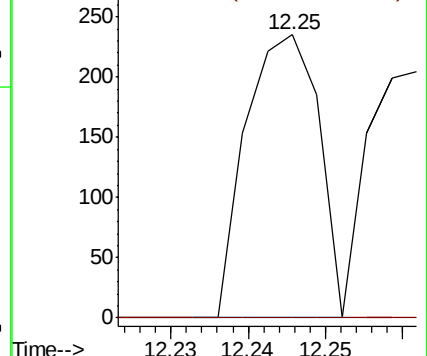
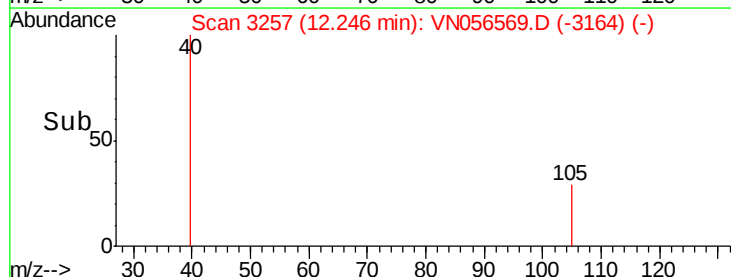
105 100

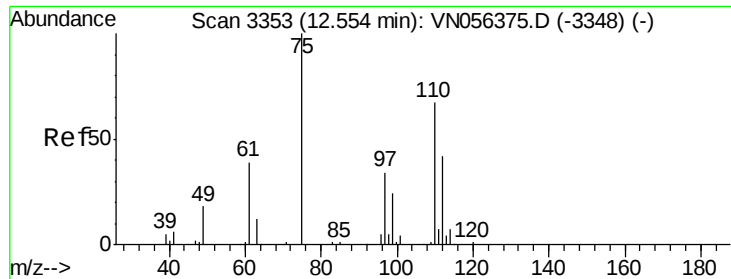
120 0.0 13.4 40.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#76

1,2,3-Trichloropropane

Concen: 31.555 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056569.D

Acq: 1 Jul 2019 14:01

Instrument :

MSVOA_N

ClientSampleId :

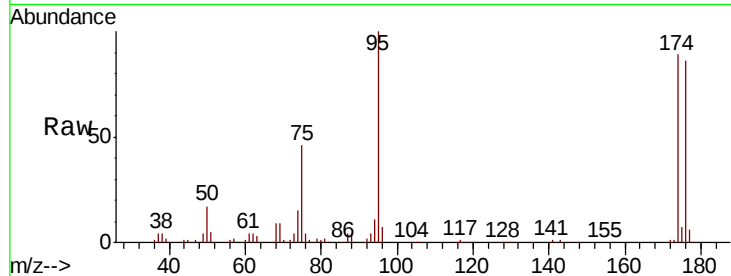
EO-01-062819-C

Tot Ion: 75 Resp: 103963

Ion Ratio Lower Upper

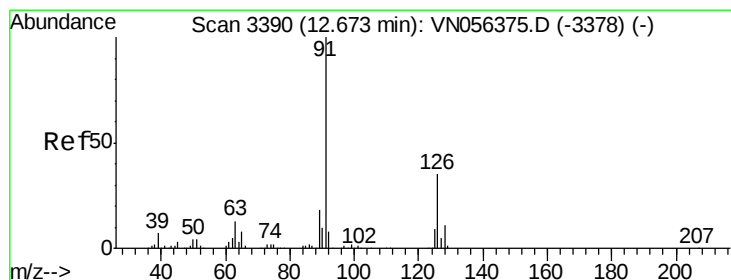
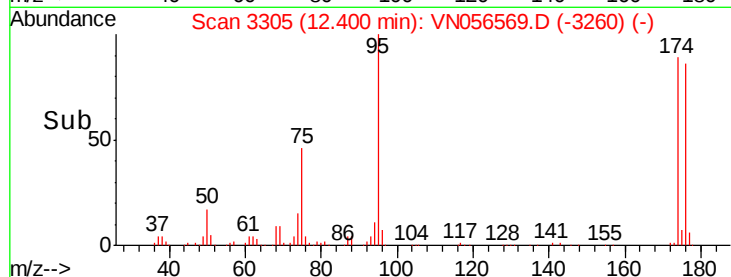
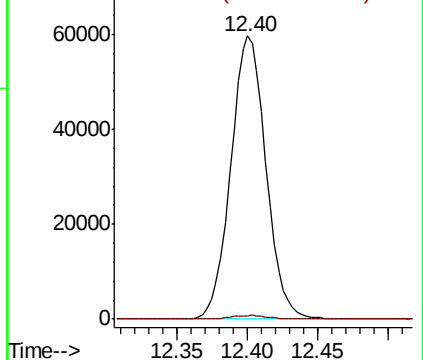
75 100

77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.66 min Scan# 3387

Delta R.T. -0.01 min

Lab File: VN056569.D

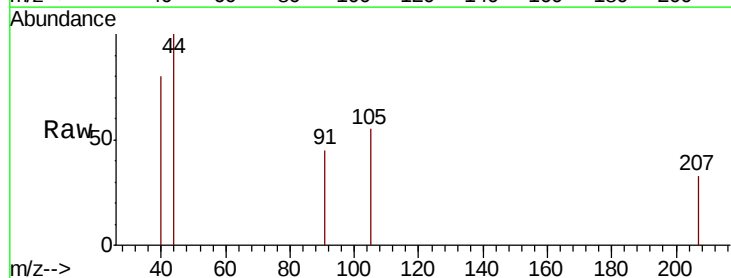
Acq: 1 Jul 2019 14:01

Tgt Ion: 91 Resp: 219

Ion Ratio Lower Upper

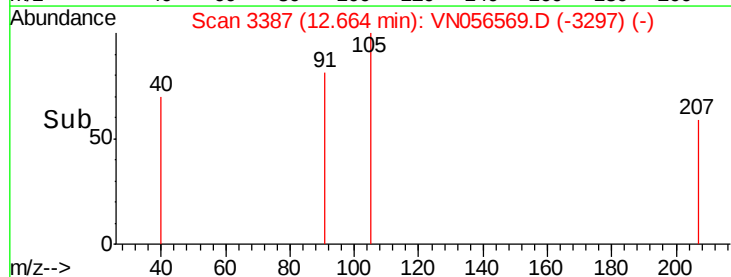
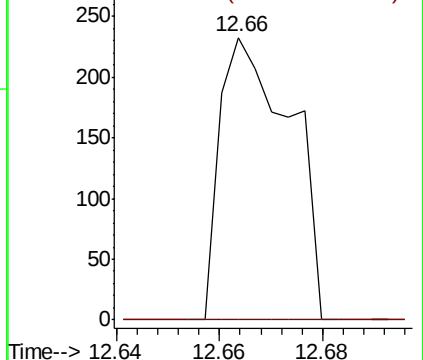
91 100

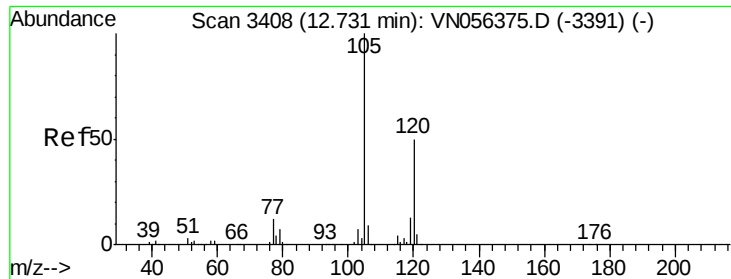
126 0.0 17.6 52.8#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

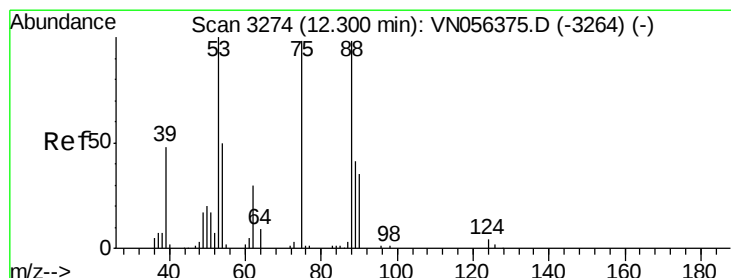
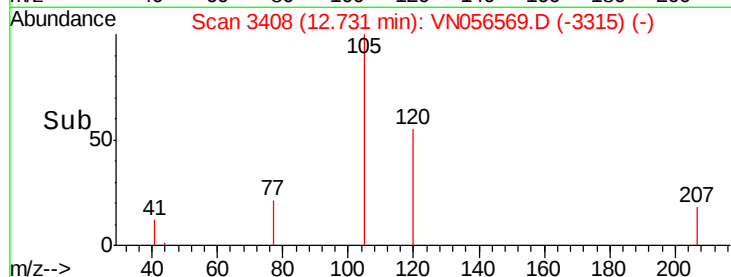
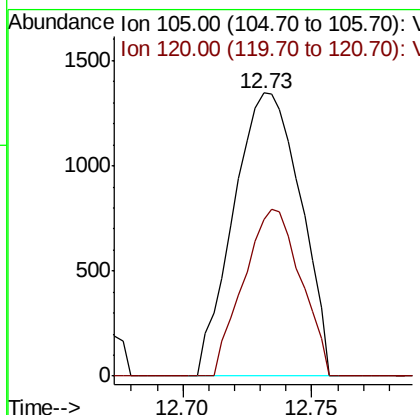
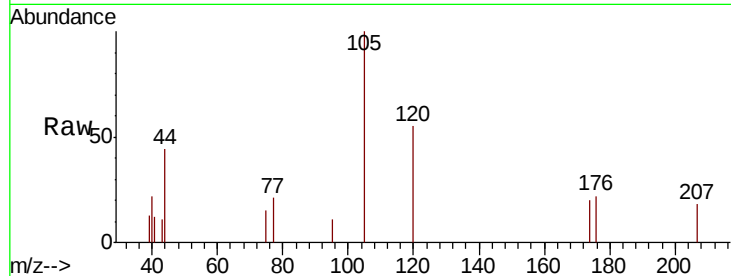




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN056569.D
 Acq: 1 Jul 2019 14:01

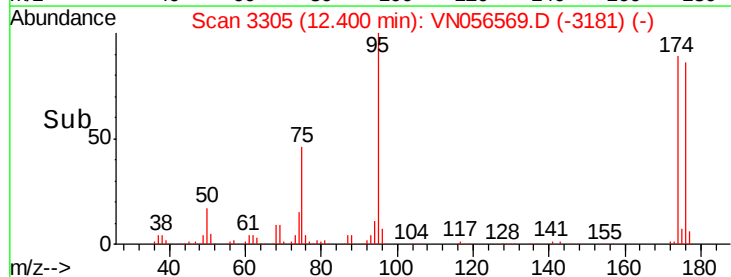
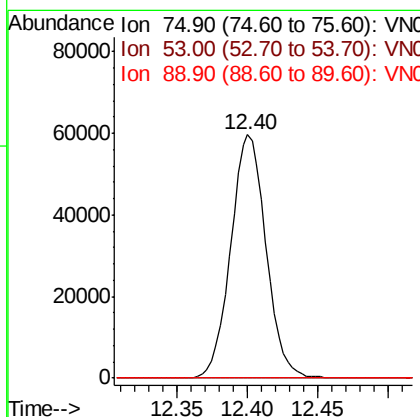
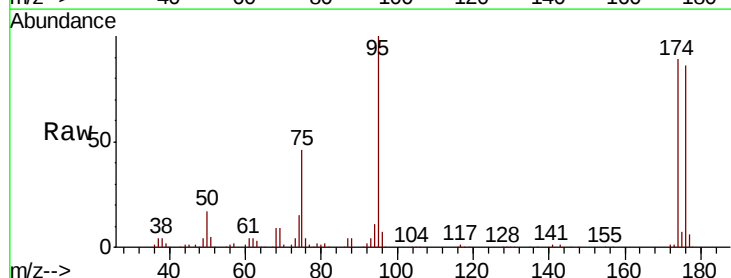
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-062819-C

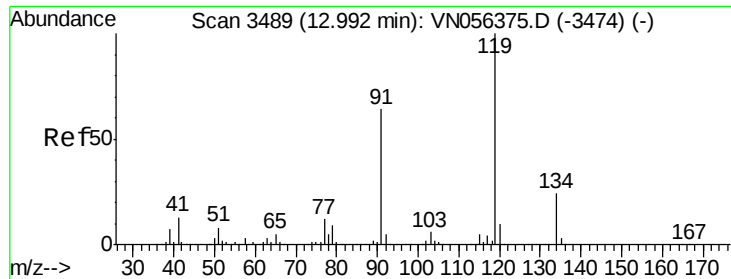
Tot Ion:105 Resp: 2445
 Ion Ratio Lower Upper
 105 100
 120 50.2 24.8 74.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.153 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN056569.D
 Acq: 1 Jul 2019 14:01

Tgt Ion: 75 Resp: 103963
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.9 125.9#
 89 0.0 35.0 52.6#

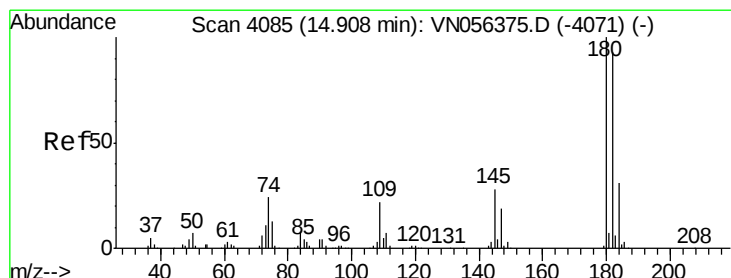
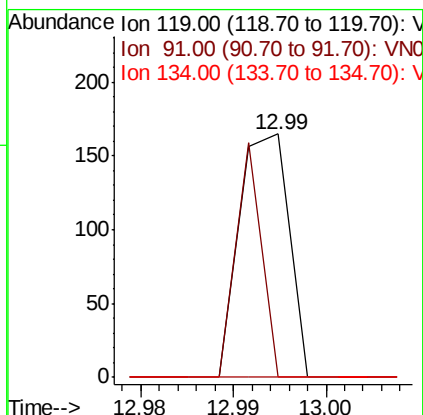
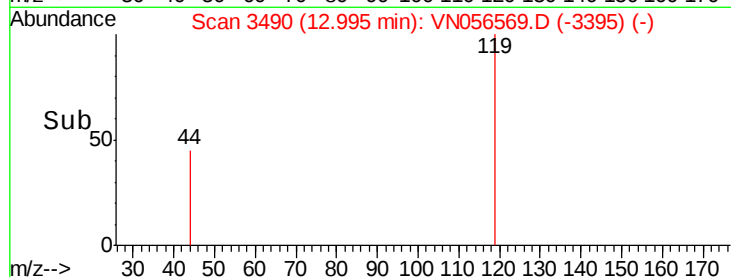
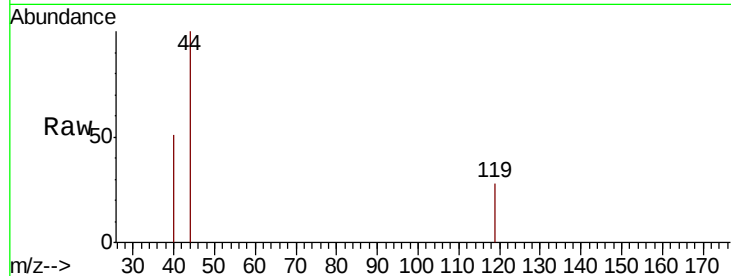




#83
 tert-Butylbenzene
 Concen: Below Cal
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN056569.D
 Acq: 1 Jul 2019 14:01

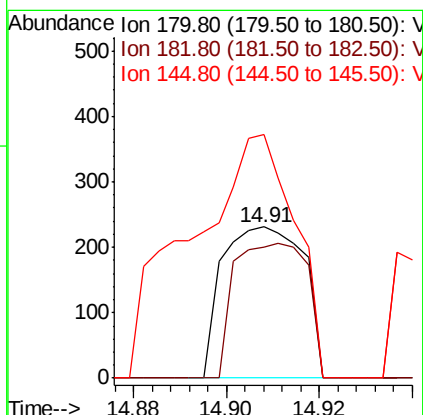
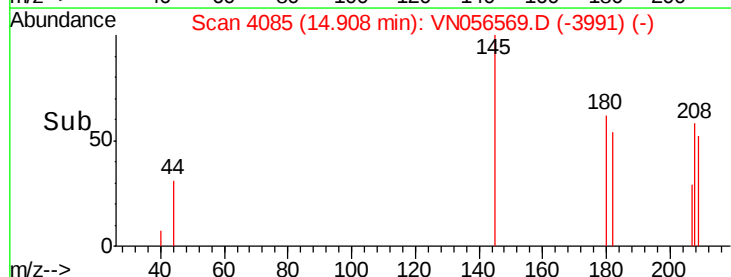
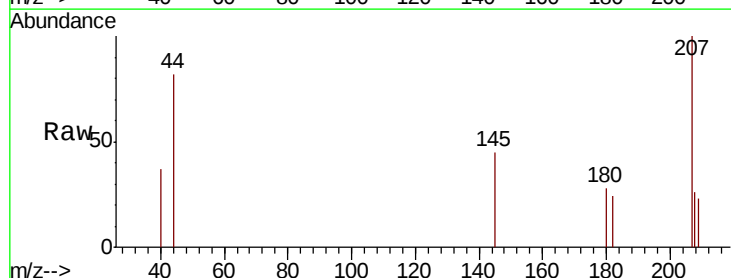
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-062819-C

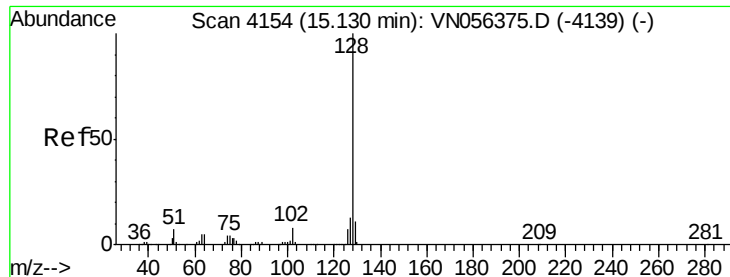
Tot Ion:119 Resp: 62
 Ion Ratio Lower Upper
 119 100
 91 50.0 31.6 94.7
 134 0.0 13.2 39.5#



#93
 1,2,4-Trichlorobenzene
 Concen: 5.704 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056569.D
 Acq: 1 Jul 2019 14:01

Tgt Ion:180 Resp: 281
 Ion Ratio Lower Upper
 180 100
 182 79.4 46.9 140.6
 145 207.5 14.4 43.0#





#95

Naphthalene

Concen: 5.444 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056569.D

Acq: 1 Jul 2019 14:01

Instrument :

MSVOA_N

ClientSampleId :

EO-01-062819-C

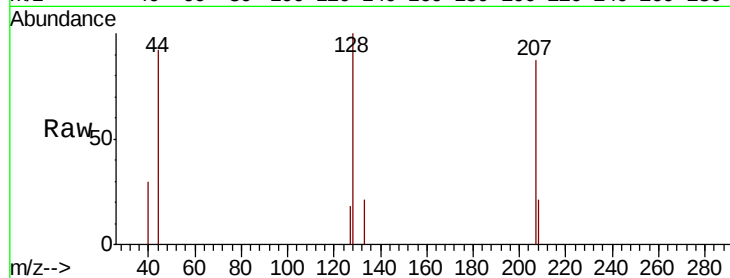
Tot Ion:128 Resp: 1618

Ion Ratio Lower Upper

128 100

127 6.0 10.2 15.2#

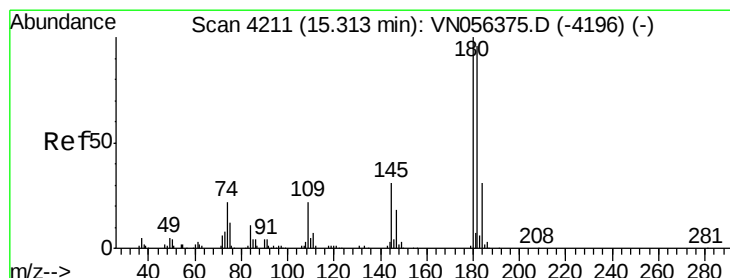
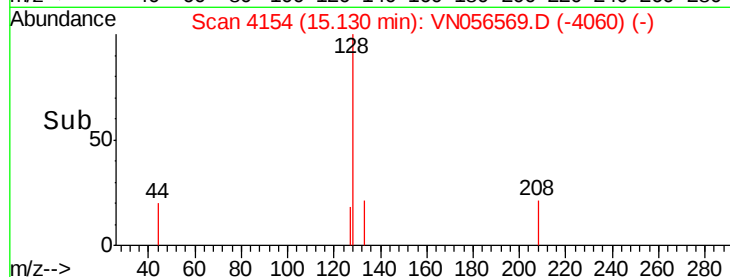
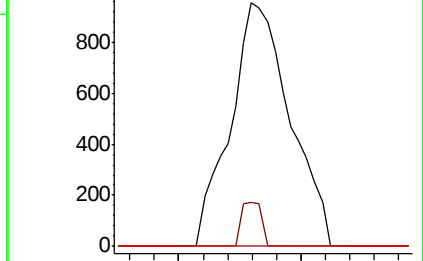
129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 4.582 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN056569.D

Acq: 1 Jul 2019 14:01

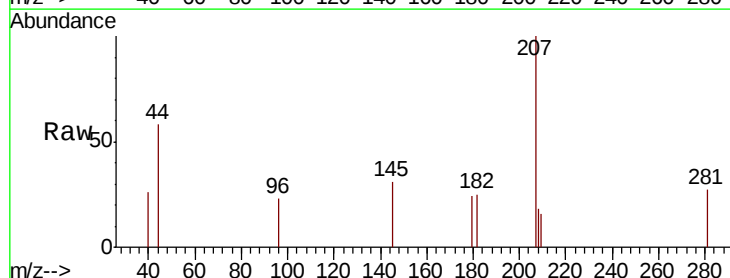
Tgt Ion:180 Resp: 318

Ion Ratio Lower Upper

180 100

182 114.2 48.3 144.8

145 77.4 15.4 46.1#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

