

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112619\
 Data File : VN059408.D
 Acq On : 26 Nov 2019 15:52
 Operator : JC/SP
 Sample : K5672-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-02-112219

Quant Time: Nov 27 00:42:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	325709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	493380	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	427361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	169584	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	183666	47.00	ug/l	0.00
Spiked Amount			Recovery	=	94.00%	
35) Dibromofluoromethane	7.57	113	148097	50.03	ug/l	0.00
Spiked Amount			Recovery	=	100.06%	
50) Toluene-d8	10.08	98	596654	50.70	ug/l	0.00
Spiked Amount			Recovery	=	101.40%	
62) 4-Bromofluorobenzene	12.40	95	193713	47.08	ug/l	0.00
Spiked Amount			Recovery	=	94.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	30215	17.243	ug/l	97
17) Carbon Disulfide	4.02	76	2681	0.383	ug/l #	75
18) Methyl Acetate	4.30	43	6120	1.052	ug/l	94
20) Methylene Chloride	4.52	84	82638	20.911	ug/l	99
25) 2-Butanone	6.82	43	5806	2.131	ug/l	99
29) Tetrahydrofuran	7.19	42	562	0.298	ug/l #	34
31) Cyclohexane	7.64	56	5537	0.805	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	23523	4.618	ug/l #	50
38) Carbon Tetrachloride	7.64	117	29762	6.104	ug/l #	16
41) Methacrylonitrile	7.19	41	543	0.223	ug/l #	100
43) Isopropyl Acetate	8.15	43	83883	10.027	ug/l #	90
45) 1,2-Dichloropropane	9.25	63	1649	0.414	ug/l #	45
48) Methyl methacrylate	9.17	41	5110	1.343	ug/l #	14
51) 4-Methyl-2-Pentanone	9.98	43	5227	1.067	ug/l #	86
54) cis-1,3-Dichloropropene	9.90	75	35201	5.699	ug/l #	63
56) Ethyl methacrylate	10.54	69	1010	2.356	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	6649	1.092	ug/l #	42
59) 2-Hexanone	10.76	43	83854	23.386	ug/l #	54
68) m/p-Xylenes	11.62	106	2360	0.387	ug/l	99
71) Bromoform	12.40	173	1094	0.433	ug/l #	1
74) N-amyl acetate	12.03	43	3873	0.694	ug/l #	42
76) 1,2,3-Trichloropropane	12.40	75	93405	23.841	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	5266	0.451	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	93405	59.631	ug/l #	14
84) 1,2,4-Trimethylbenzene	13.04	105	13598	1.189	ug/l	97
89) n-Butylbenzene	13.62	91	3439	0.332	ug/l	92
91) 1,2-Dichlorobenzene	13.66	146	1627	0.280	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.27	75	345	0.353	ug/l #	32
93) 1,2,4-Trichlorobenzene	14.91	180	3229	3.780	ug/l #	83
94) Hexachlorobutadiene	15.01	225	532	0.254	ug/l	88
95) Naphthalene	15.13	128	89358	11.539	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	4170	3.033	ug/l #	83

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Quant Title : SW846 8260
QLast Update : Thu Nov 21 08:44:45 2019
Response via : Initial Calibration

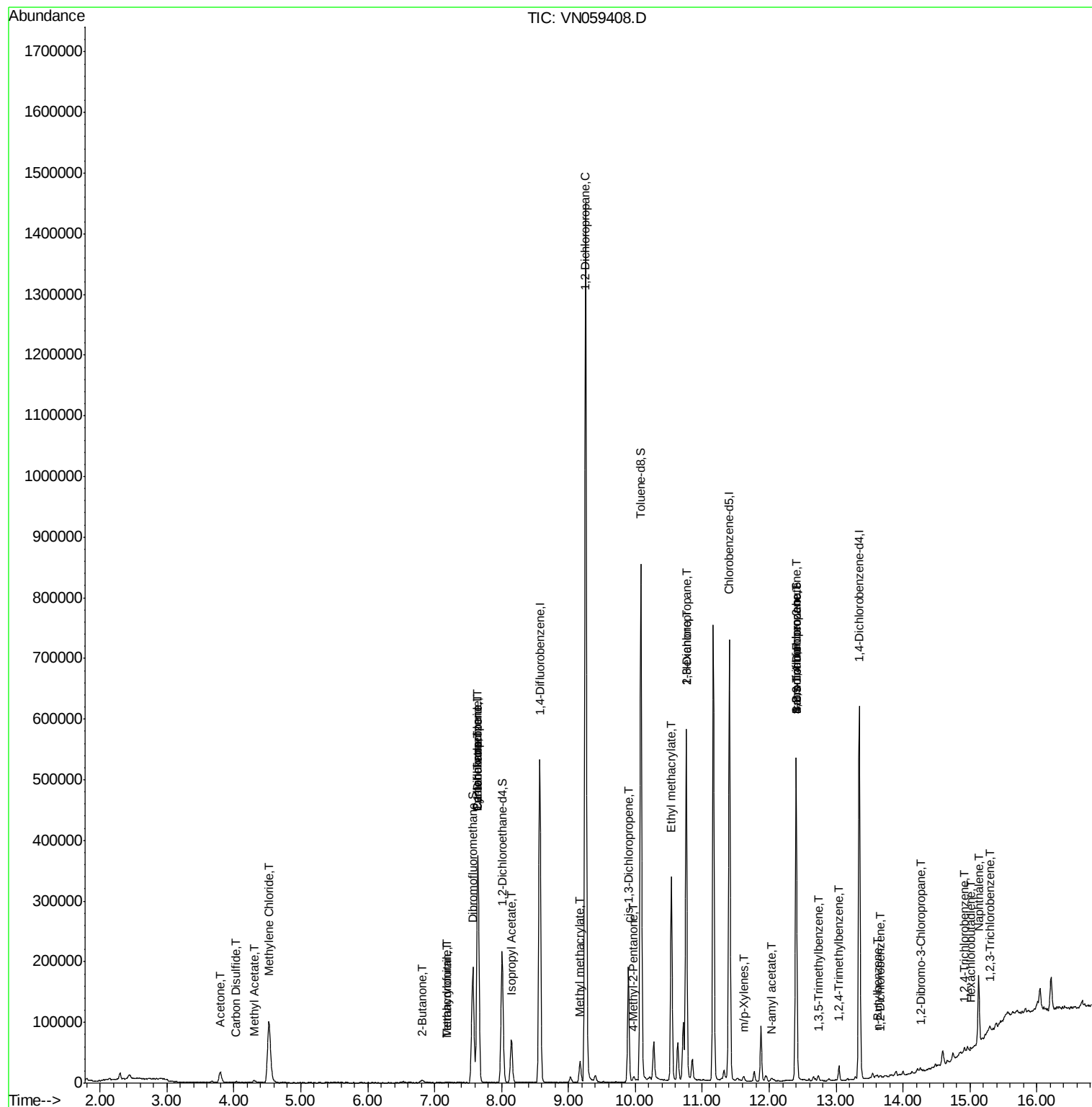
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

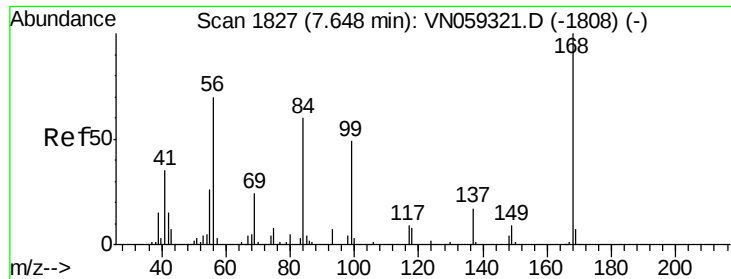
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112619\
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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: VN059408.D

Acq: 26 Nov 2019 15:52

Instrument :

MSVOA_N

ClientSampleId :

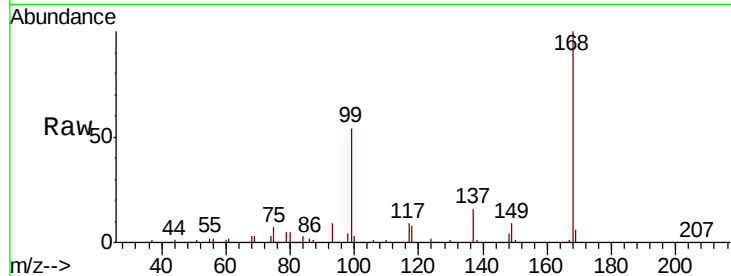
EO-02-112219

Tot Ion:168 Resp: 325709

Ion Ratio Lower Upper

168 100

99 54.3 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

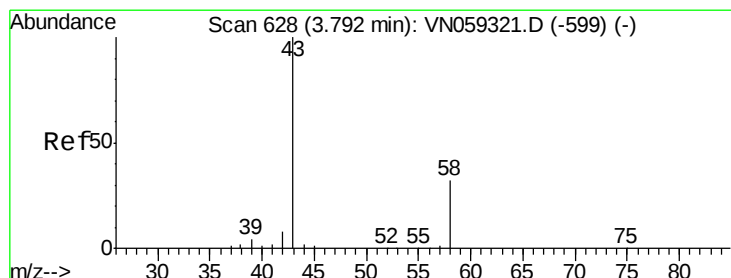
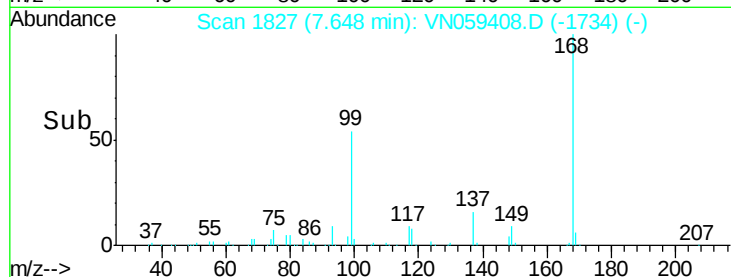
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 17.243 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN059408.D

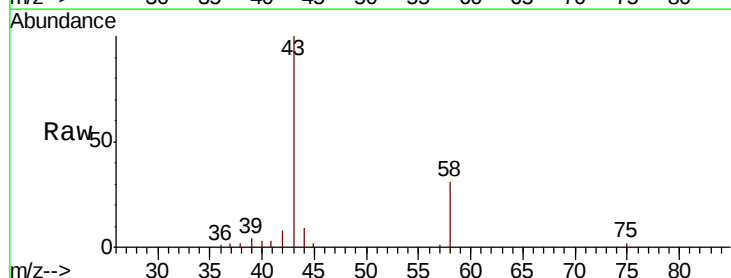
Acq: 26 Nov 2019 15:52

Tgt Ion: 43 Resp: 30215

Ion Ratio Lower Upper

43 100

58 30.6 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

12000

10000

8000

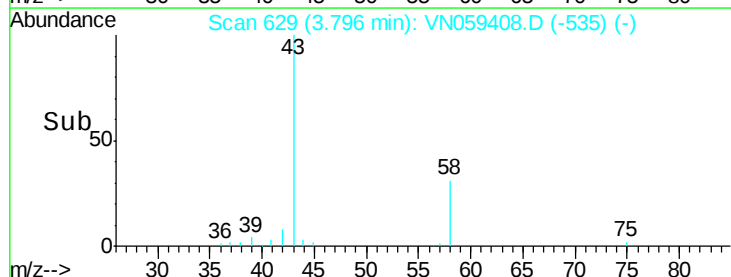
6000

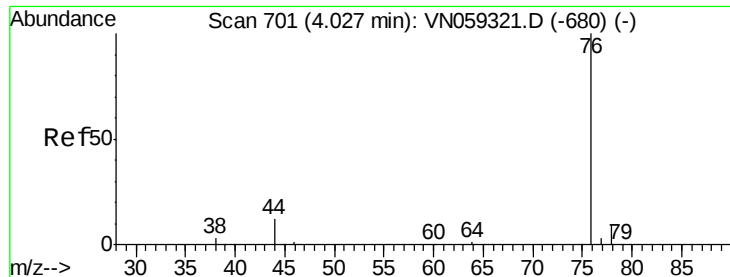
4000

2000

0

Time--> 3.70 3.80 3.90

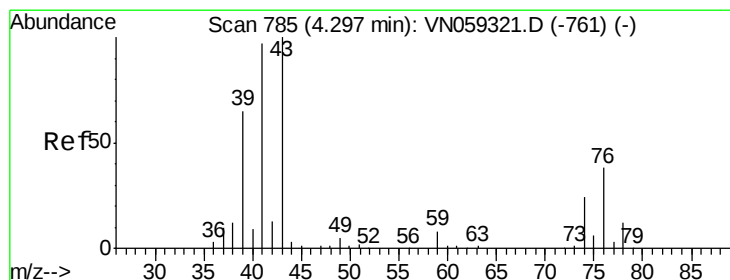
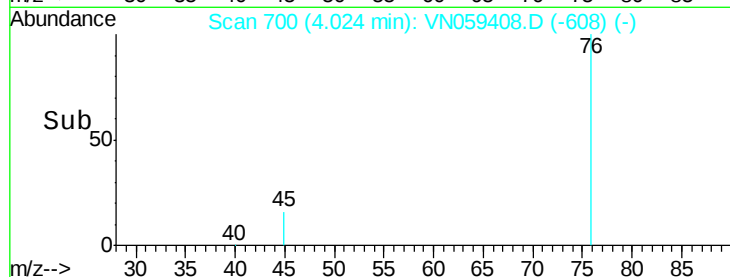
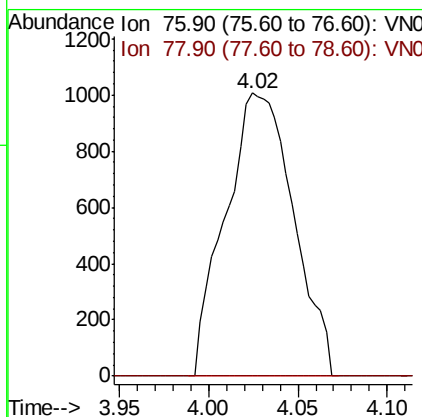
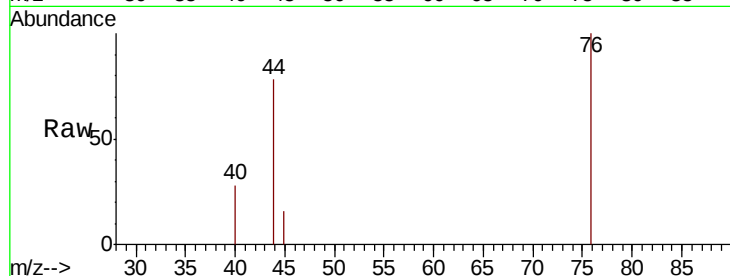




#17
Carbon Disulfide
Concen: 0.383 ug/l
RT: 4.02 min Scan# 700
Delta R.T. -0.00 min
Lab File: VN059408.D
Acq: 26 Nov 2019 15:52

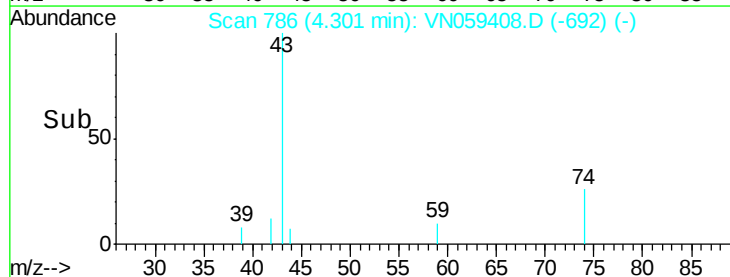
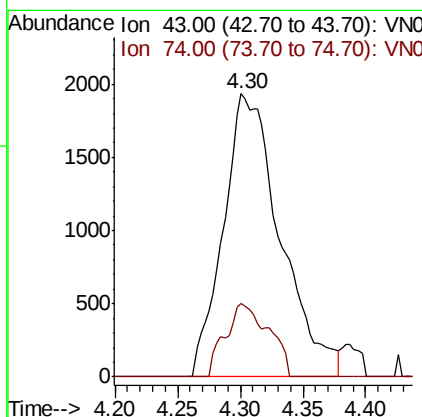
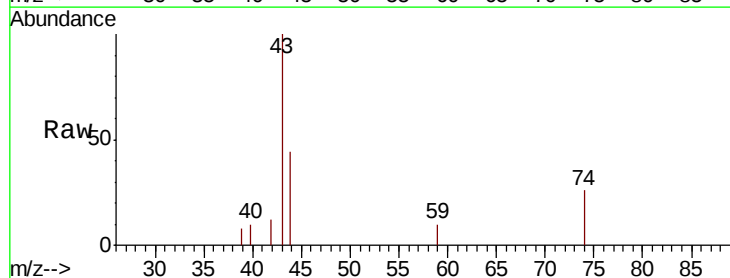
Instrument :
MSVOA_N
ClientSampleId :
EO-02-112219

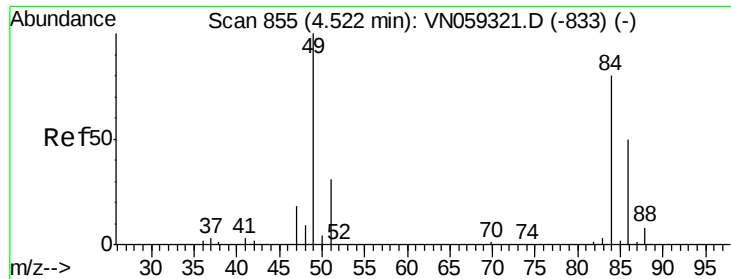
Tot Ion: 76 Resp: 2681
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 1.052 ug/l
RT: 4.30 min Scan# 786
Delta R.T. 0.00 min
Lab File: VN059408.D
Acq: 26 Nov 2019 15:52

Tgt Ion: 43 Resp: 6120
Ion Ratio Lower Upper
43 100
74 19.7 18.1 27.1

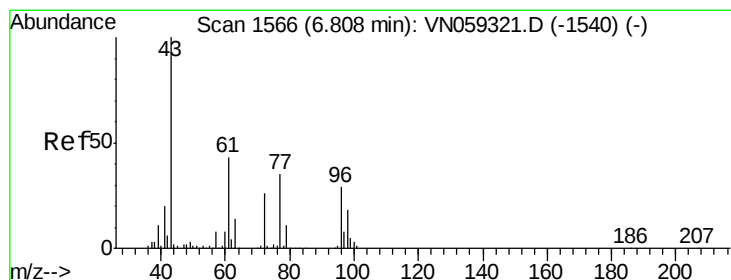
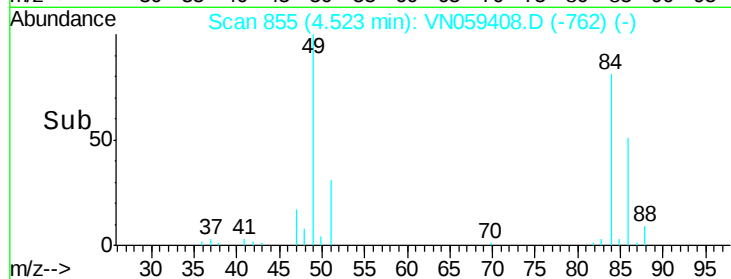
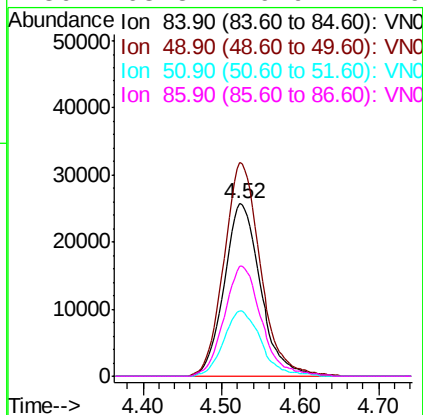
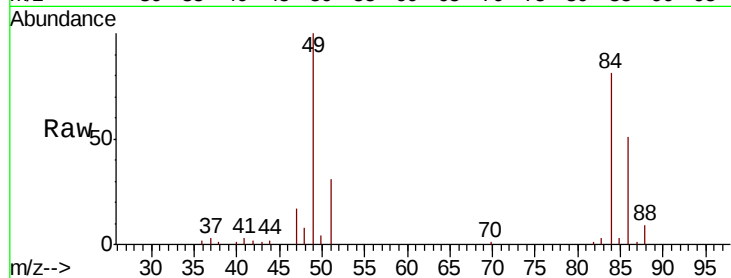




#20
Methvlene Chloride
Concen: 20.911 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN059408.D
Acq: 26 Nov 2019 15:52

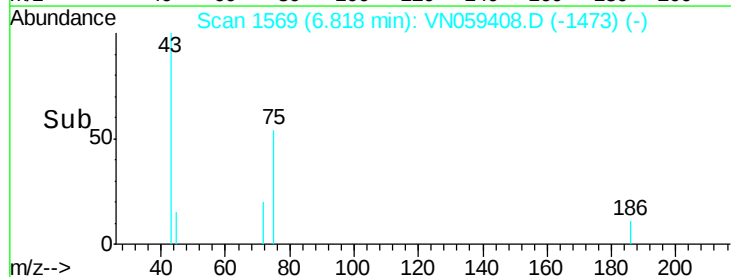
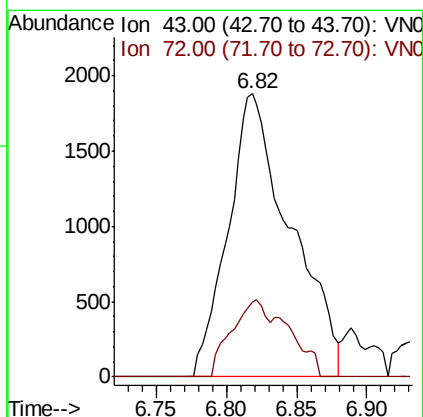
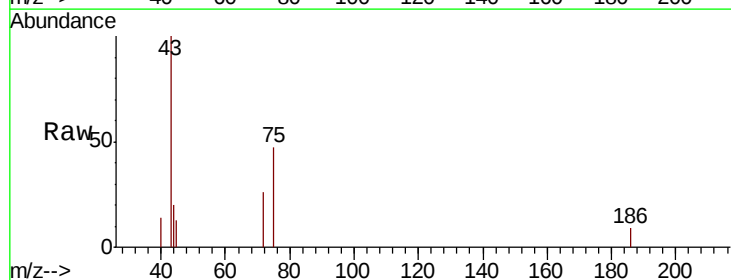
Instrument :
MSVOA_N
ClientSampleId :
EO-02-112219

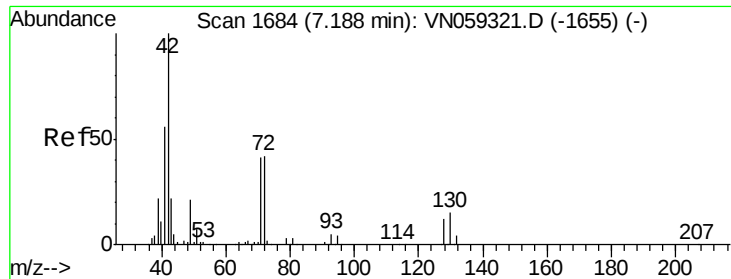
Tot Ion: 84 Resp: 82638
Ion Ratio Lower Upper
84 100
49 124.0 99.5 149.3
51 37.9 31.1 46.7
86 63.8 49.9 74.9



#25
2-Butanone
Concen: 2.131 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. 0.01 min
Lab File: VN059408.D
Acq: 26 Nov 2019 15:52

Tgt Ion: 43 Resp: 5806
Ion Ratio Lower Upper
43 100
72 26.3 20.5 30.7

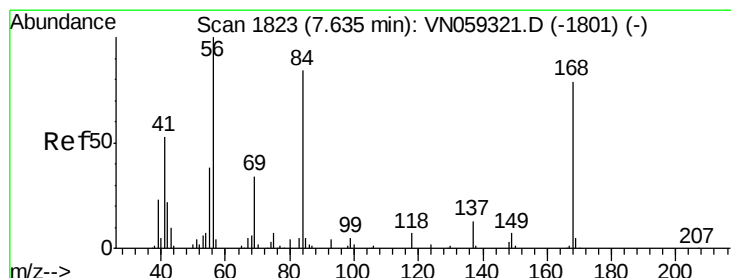
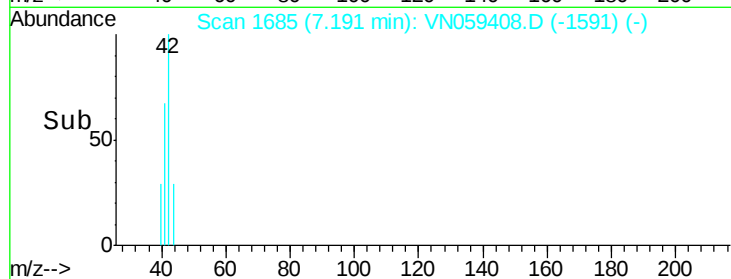
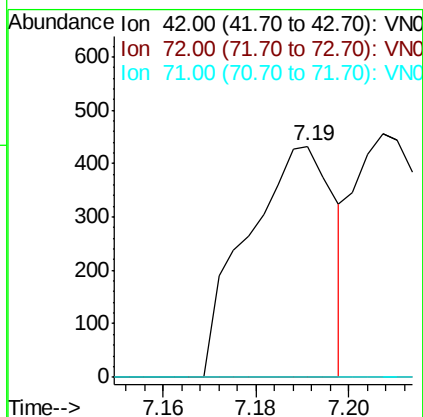
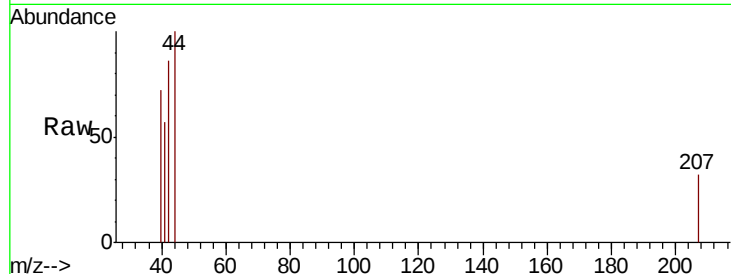




#29
Tetrahydrofuran
Concen: 0.298 ug/l
RT: 7.19 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VN059408.D
Acq: 26 Nov 2019 15:52

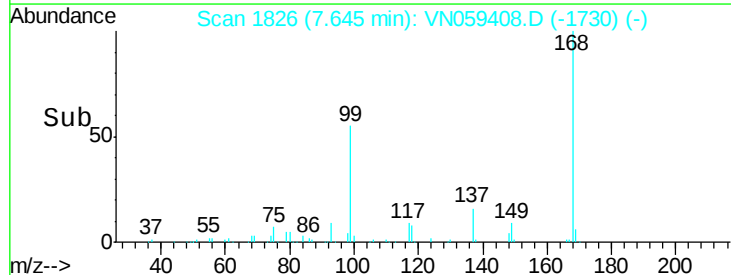
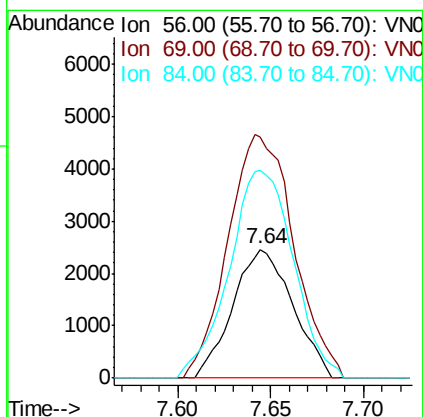
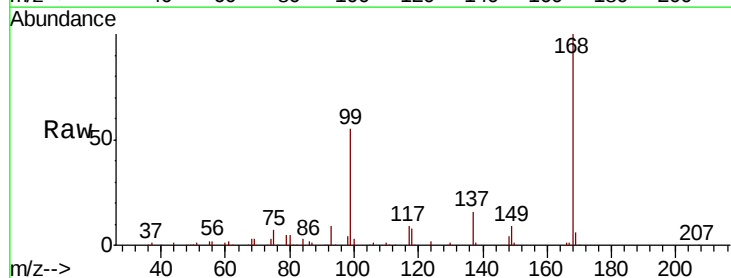
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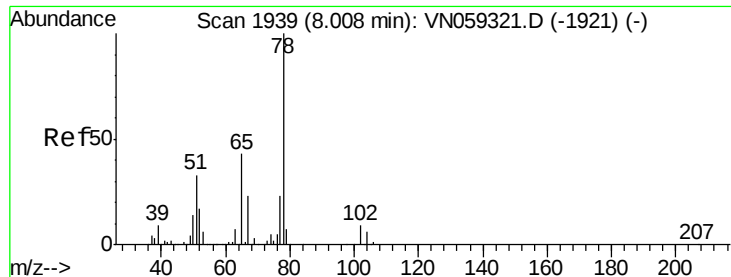
Tot Ion: 42 Resp: 562
Ion Ratio Lower Upper
42 100
72 0.0 34.2 51.2#
71 0.0 32.6 48.8#



#31
Cyclohexane
Concen: 0.805 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN059408.D
Acq: 26 Nov 2019 15:52

Tgt Ion: 56 Resp: 5537
Ion Ratio Lower Upper
56 100
69 180.2 26.6 40.0#
84 154.7 67.0 100.4#

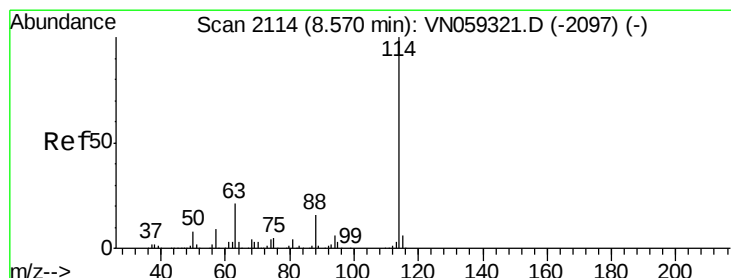
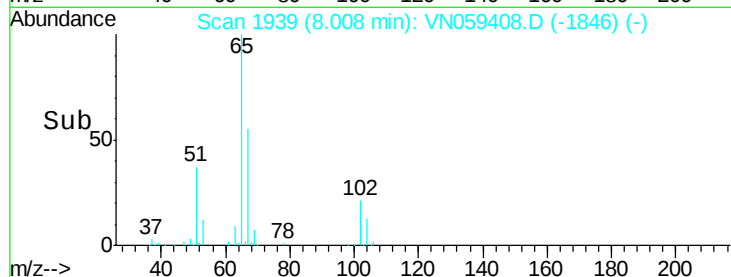
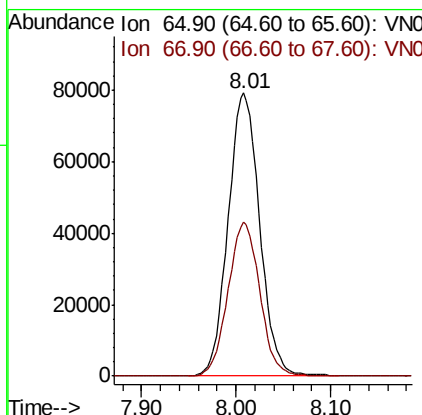
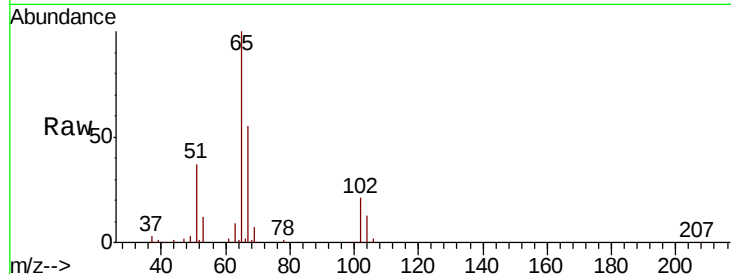




#33
 1,2-Dichloroethane-d4
 Concen: 46.998 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059408.D
 Acq: 26 Nov 2019 15:52

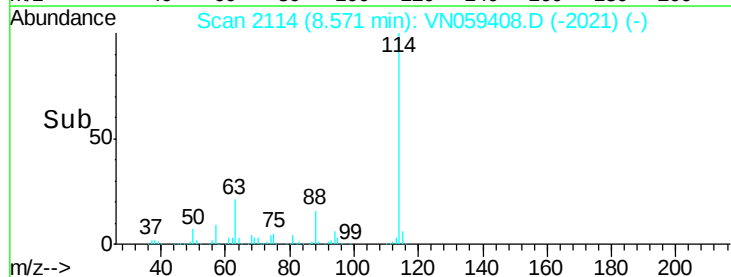
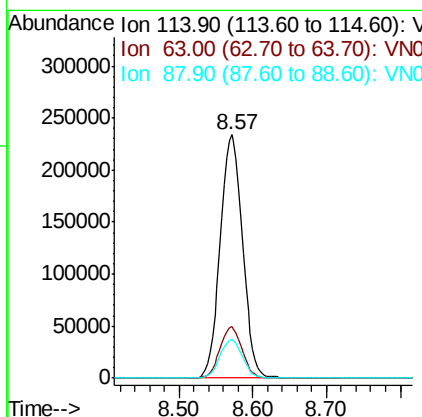
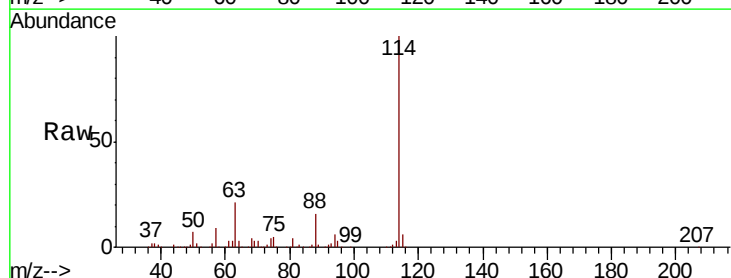
Instrument :
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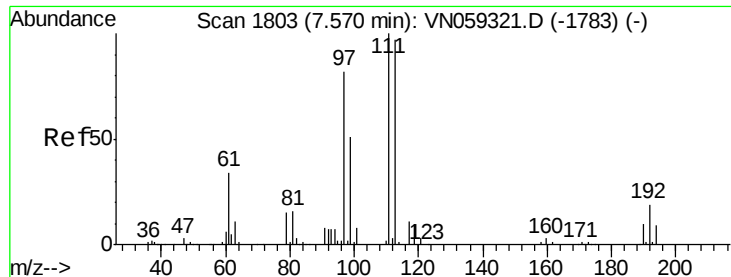
Tot Ion: 65 Resp: 183666
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059408.D
 Acq: 26 Nov 2019 15:52

Tgt Ion: 114 Resp: 493380
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 42.2
 88 15.9 0.0 32.2





#35

Dibromofluoromethane

Concen: 50.033 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN059408.D

Acq: 26 Nov 2019 15:52

Instrument :

MSVOA_N

ClientSampleId :

EO-02-112219

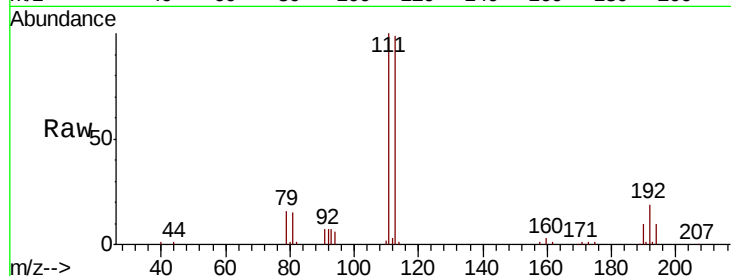
Tot Ion:113 Resp: 148097

Ion Ratio Lower Upper

113 100

111 103.2 82.7 124.1

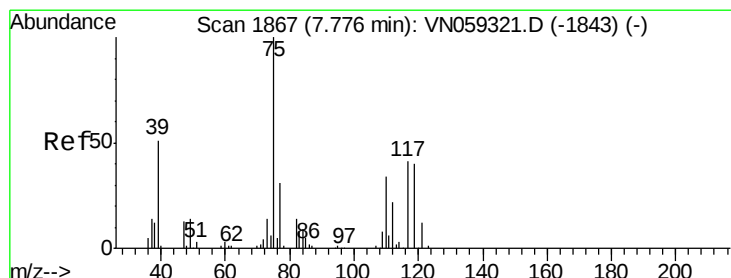
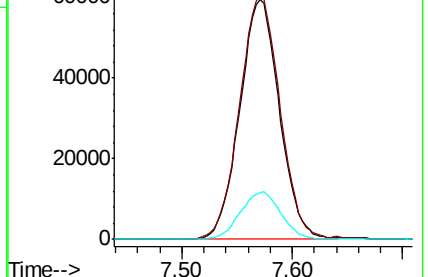
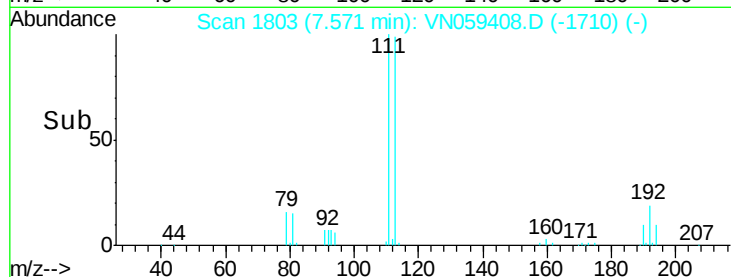
192 20.1 16.3 24.5



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: 4.618 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.13 min

Lab File: VN059408.D

Acq: 26 Nov 2019 15:52

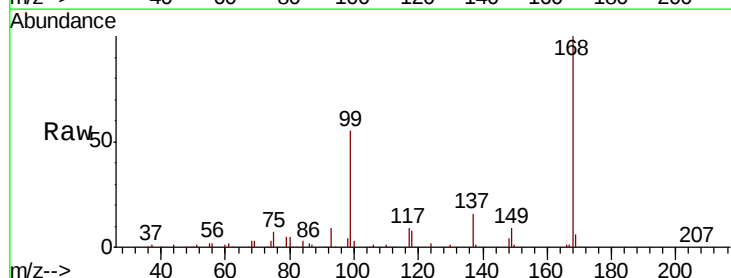
Tgt Ion: 75 Resp: 23523

Ion Ratio Lower Upper

75 100

110 8.4 17.0 51.0#

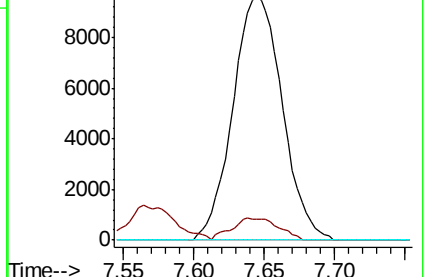
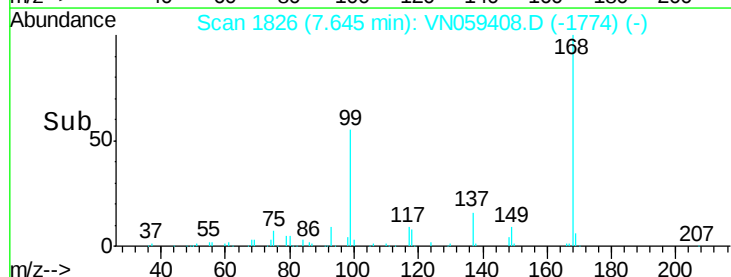
77 0.0 24.8 37.2#

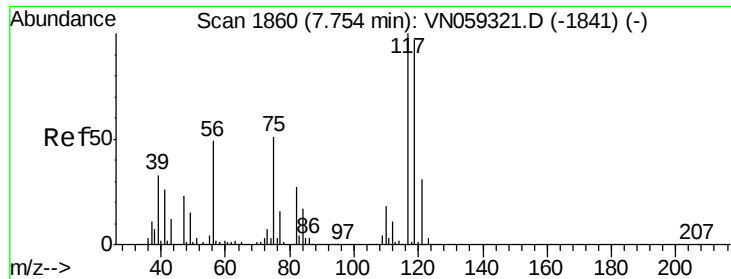


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.104 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.11 min

Lab File: VN059408.D

Acq: 26 Nov 2019 15:52

Instrument :

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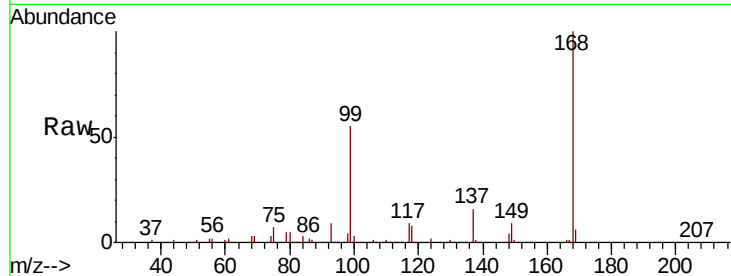
Tot Ion:117 Resp: 29762

Ion Ratio Lower Upper

117 100

119 4.7 77.0 115.4#

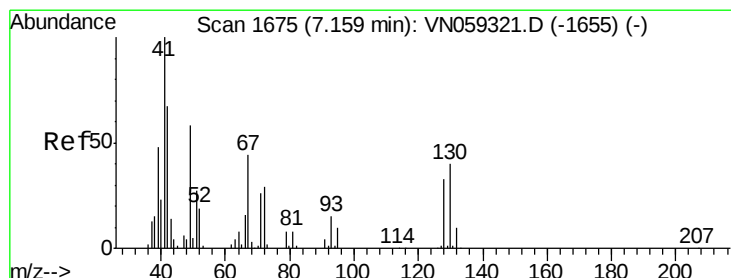
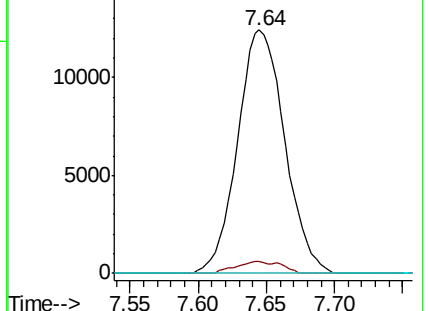
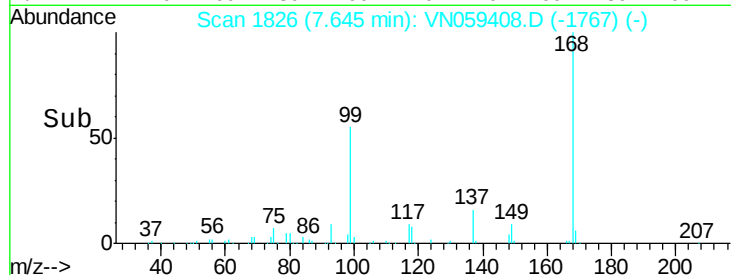
121 0.0 24.4 36.6#



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



#41

Methacrylonitrile

Concen: 0.223 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.03 min

Lab File: VN059408.D

Acq: 26 Nov 2019 15:52

Tgt Ion: 41 Resp: 543

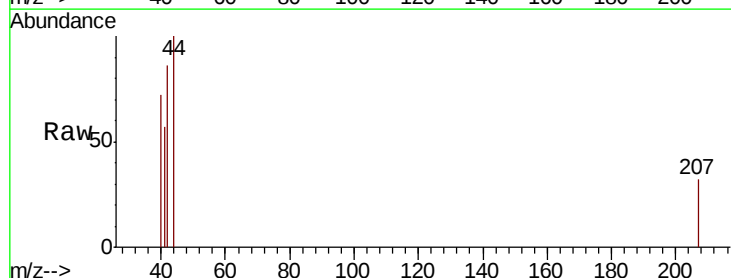
Ion Ratio Lower Upper

41 100

39 5.3 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

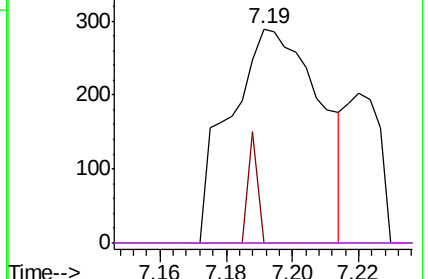
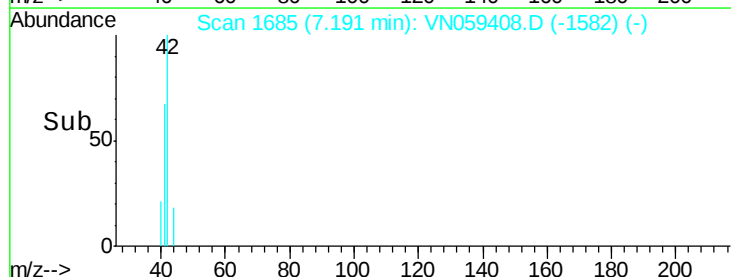


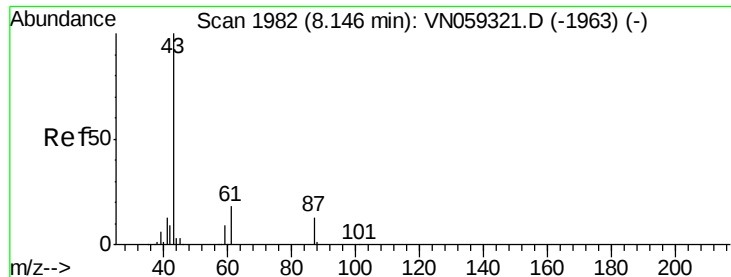
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 10.027 ug/l

RT: 8.15 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VN059408.D

Acq: 26 Nov 2019 15:52

Instrument :

MSVOA_N

ClientSampleId :

EO-02-112219

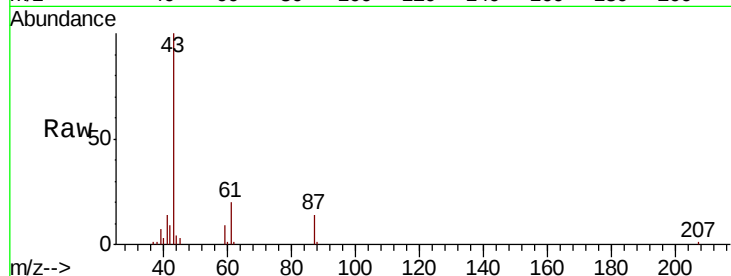
Tot Ion: 43 Resp: 83883

Ion Ratio Lower Upper

43 100

61 20.2 21.7 32.5#

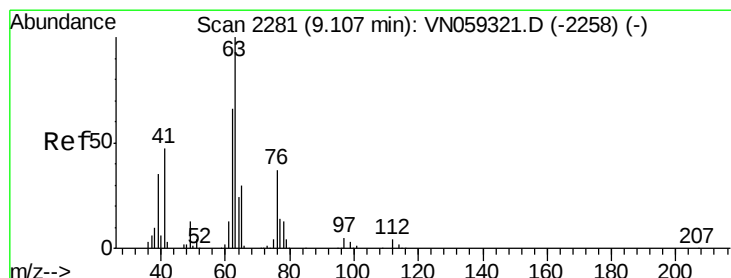
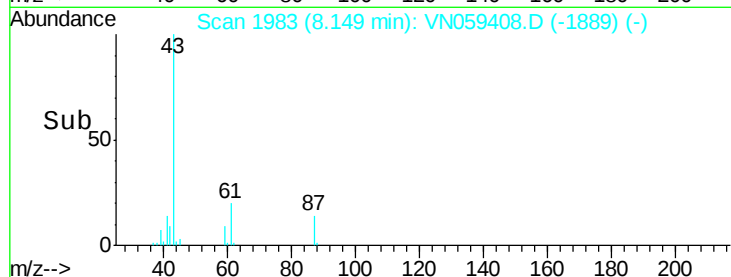
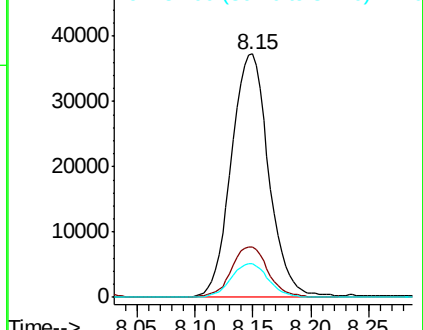
87 13.6 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VN059408.D (-1889) (-)

Ion 61.00 (60.70 to 61.70): VN059408.D (-1889) (-)

Ion 87.00 (86.70 to 87.70): VN059408.D (-1889) (-)



#45

1,2-Dichloropropane

Concen: 0.414 ug/l

RT: 9.25 min Scan# 2326

Delta R.T. 0.14 min

Lab File: VN059408.D

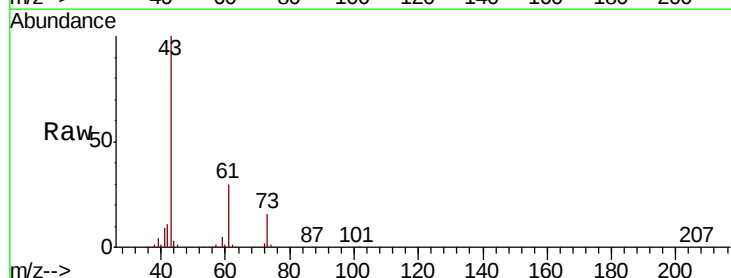
Acq: 26 Nov 2019 15:52

Tgt Ion: 63 Resp: 1649

Ion Ratio Lower Upper

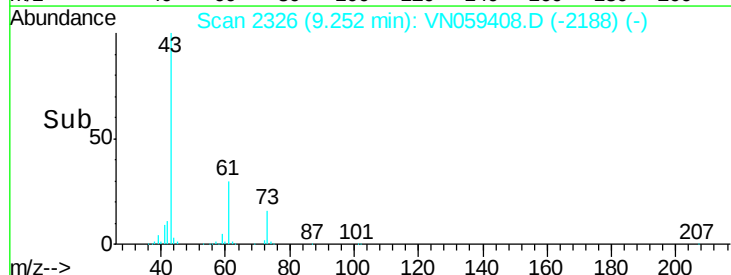
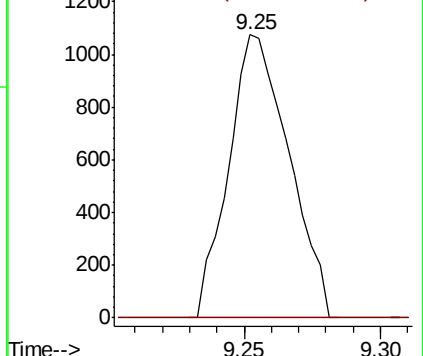
63 100

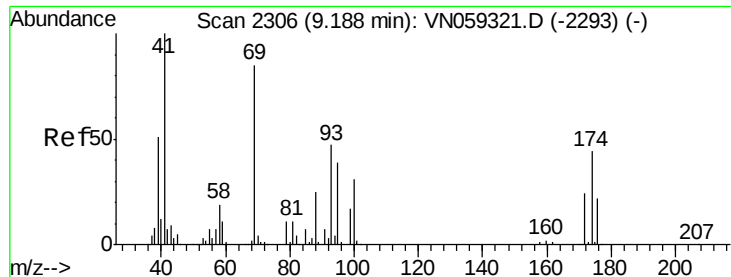
65 0.0 23.9 35.9#



Abundance Ion 62.90 (62.60 to 63.60): VN059408.D (-2188) (-)

Ion 64.90 (64.60 to 65.60): VN059408.D (-2188) (-)

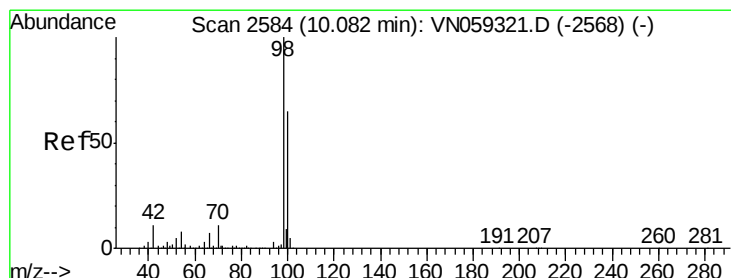
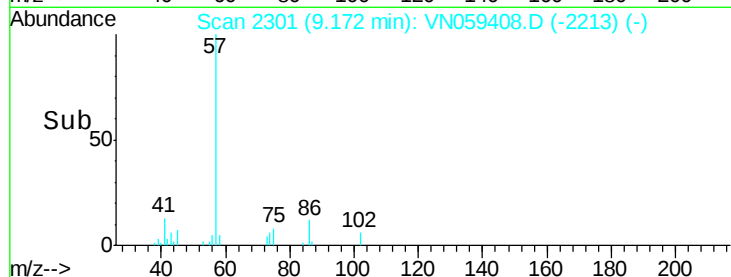
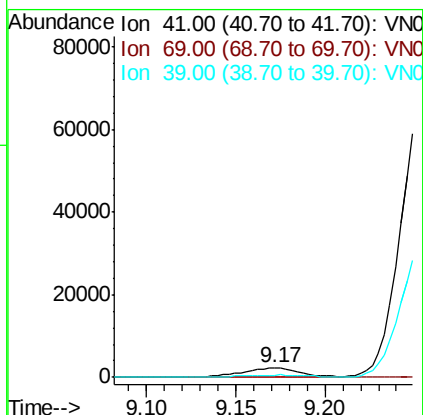
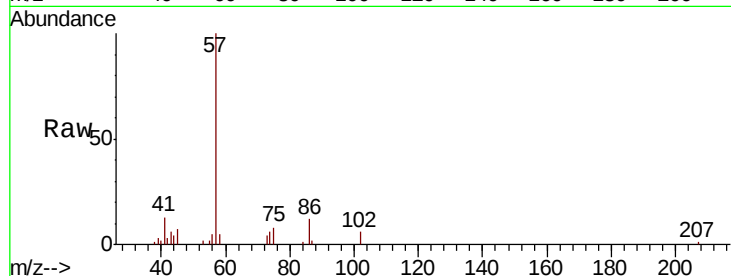




#48
Methvl methacrylate
Concen: 1.343 ug/l
RT: 9.17 min Scan# 2301
Delta R.T. -0.02 min
Lab File: VN059408.D
Acq: 26 Nov 2019 15:52

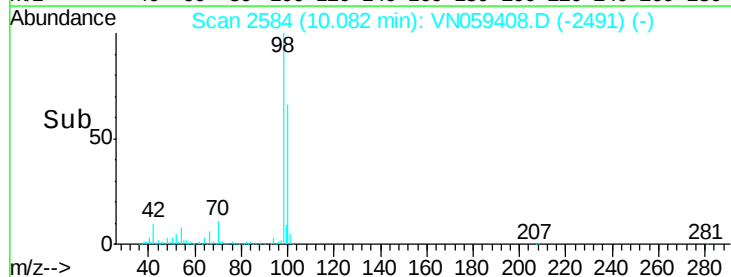
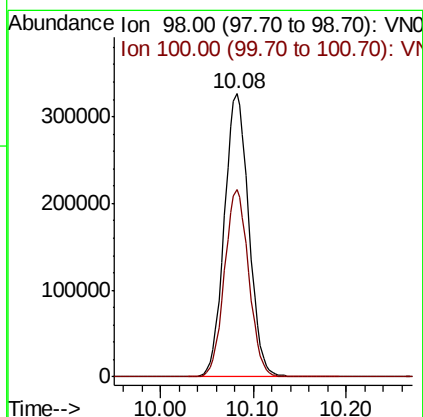
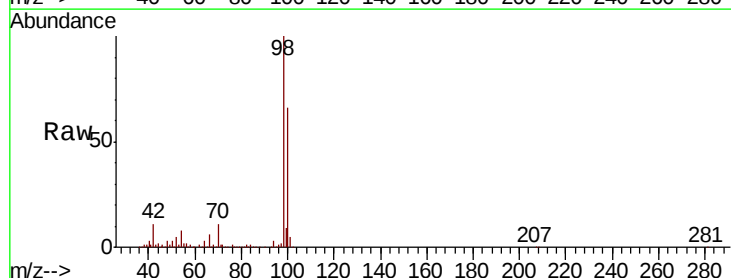
Instrument :
MSVOA_N
ClientSampleId :
EO-02-112219

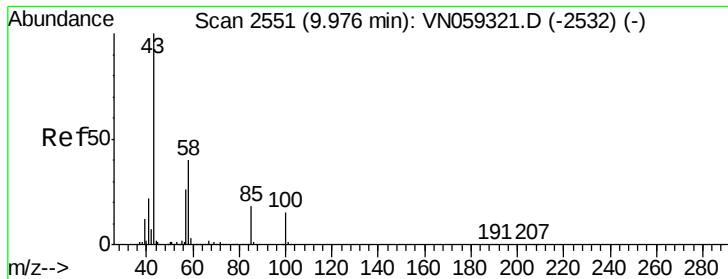
Tot Ion: 41 Resp: 5110
Ion Ratio Lower Upper
41 100
69 0.0 68.8 103.2#
39 0.0 42.1 63.1#



#50
Toluene-d8
Concen: 50.704 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059408.D
Acq: 26 Nov 2019 15:52

Tgt Ion: 98 Resp: 596654
Ion Ratio Lower Upper
98 100
100 65.5 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 1.067 ug/l

RT: 9.98 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VN059408.D

Acq: 26 Nov 2019 15:52

Instrument :

MSVOA_N

ClientSampled :

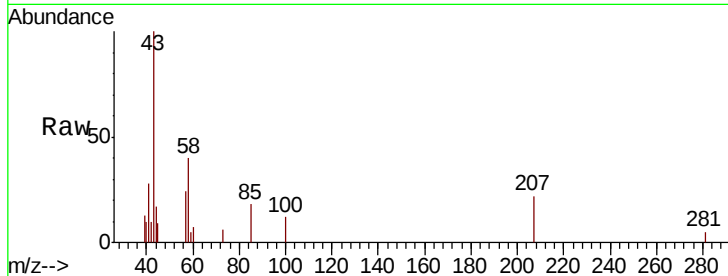
EO-02-112219

Tot Ion: 43 Resp: 5227

Ion Ratio Lower Upper

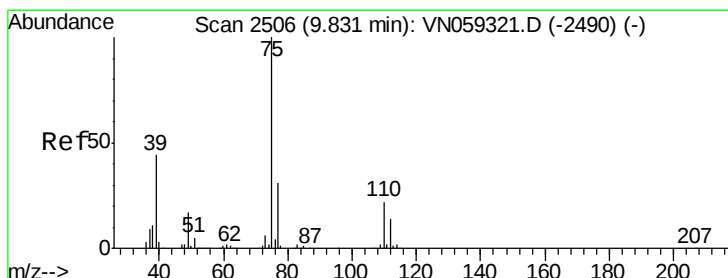
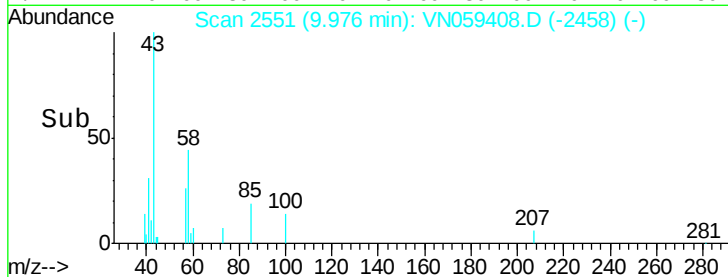
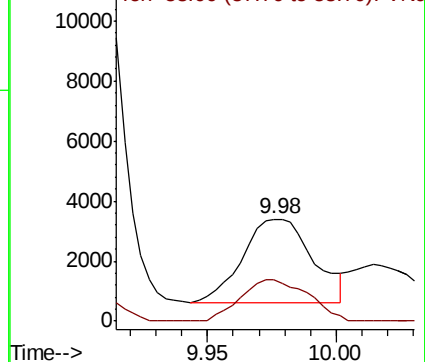
43 100

58 48.2 31.8 47.8#



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 58.00 (57.70 to 58.70): VNC



#54

cis-1,3-Dichloropropene

Concen: 5.699 ug/l

RT: 9.90 min Scan# 2526

Delta R.T. 0.06 min

Lab File: VN059408.D

Acq: 26 Nov 2019 15:52

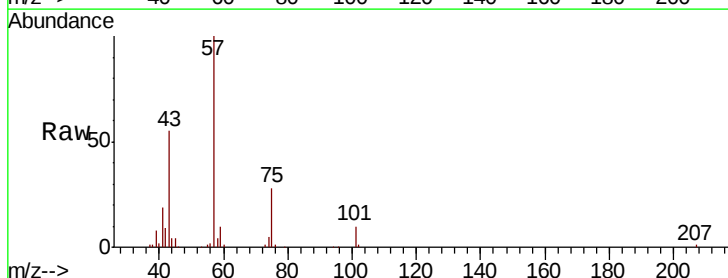
Tgt Ion: 75 Resp: 35201

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.4#

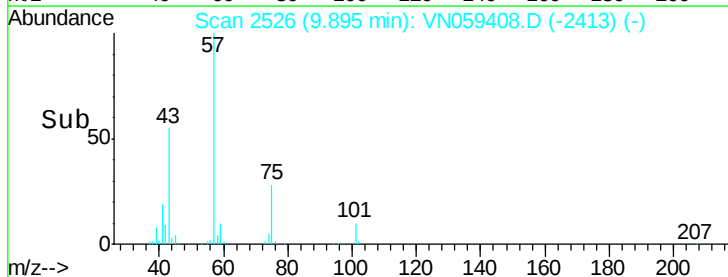
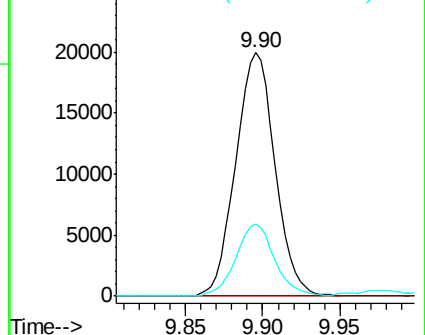
39 29.6 35.5 53.3#

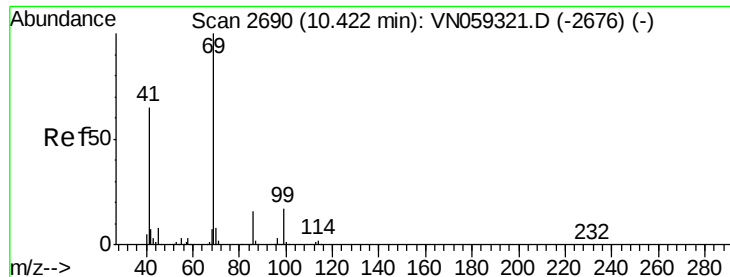


Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 76.90 (76.60 to 77.60): VNC

Ion 39.00 (38.70 to 39.70): VNC





#56

Ethyl methacrylate

Concen: 2.356 ug/l

RT: 10.54 min Scan# 2725

Delta R.T. 0.11 min

Lab File: VN059408.D

Acq: 26 Nov 2019 15:52

Instrument :

MSVOA_N

ClientSampleId :

EO-02-112219

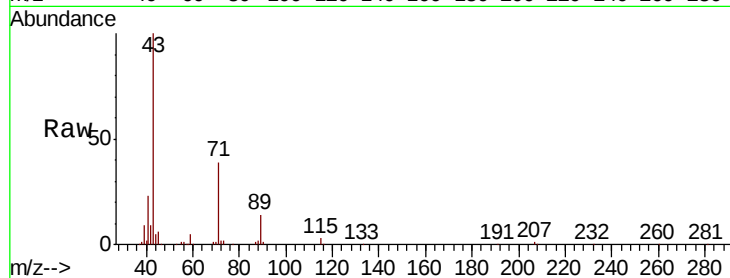
Tot Ion: 69 Resp: 1010

Ion Ratio Lower Upper

69 100

41 5775.6 51.7 77.5#

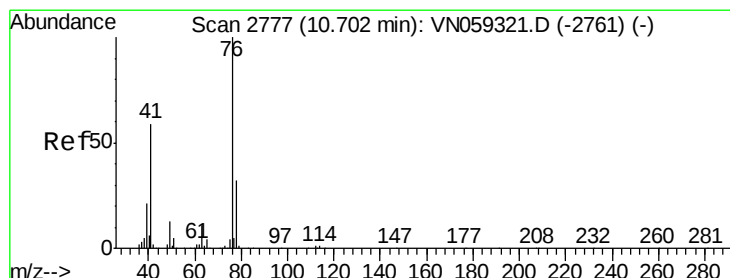
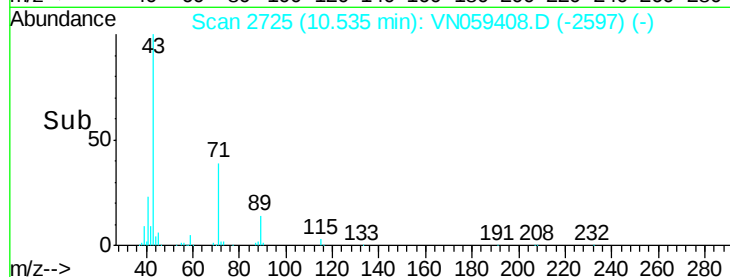
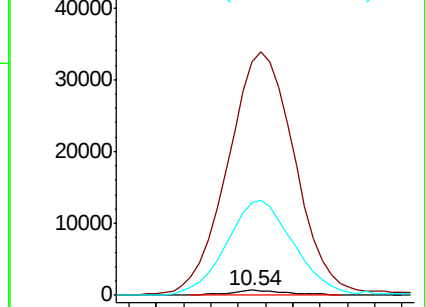
39 2236.3 25.2 37.8#



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: 1.092 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN059408.D

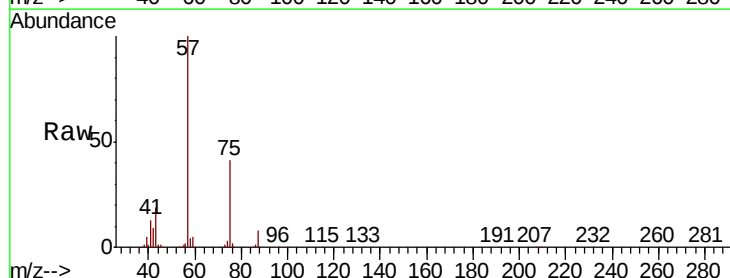
Acq: 26 Nov 2019 15:52

Tgt Ion: 76 Resp: 6649

Ion Ratio Lower Upper

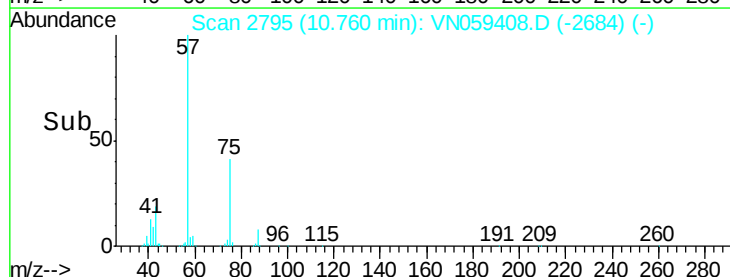
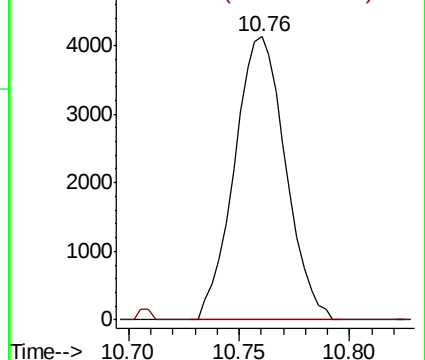
76 100

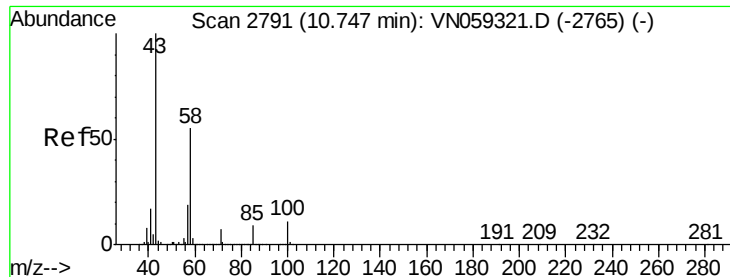
78 0.0 26.0 39.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

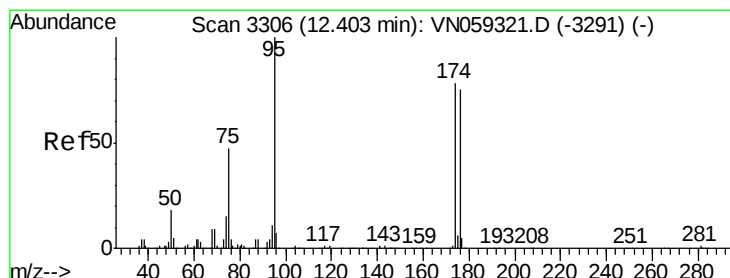
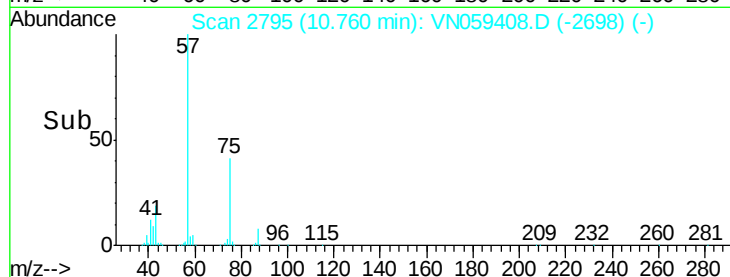
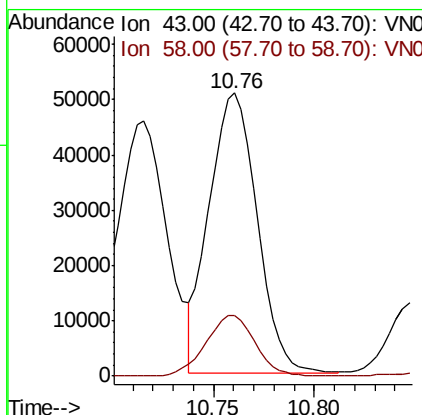
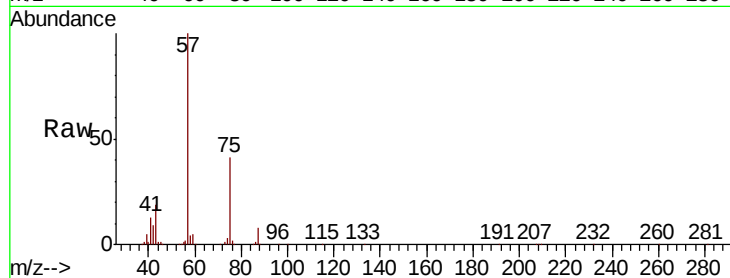




#59
2-Hexanone
Concen: 23.386 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN059408.D
Acq: 26 Nov 2019 15:52

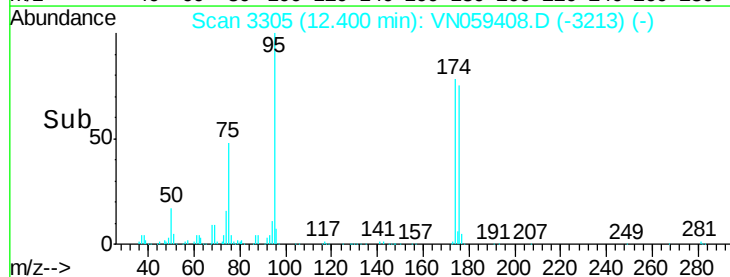
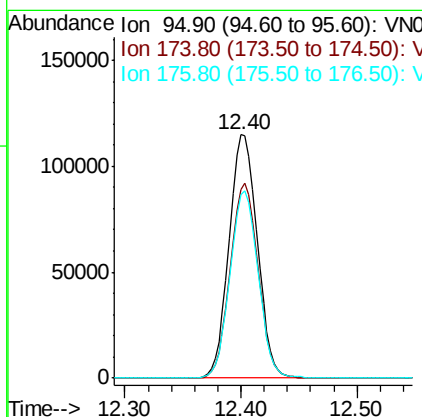
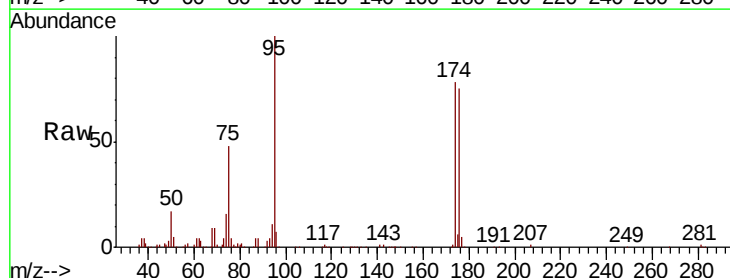
Instrument :
MSVOA_N
ClientSampled :
EO-02-112219

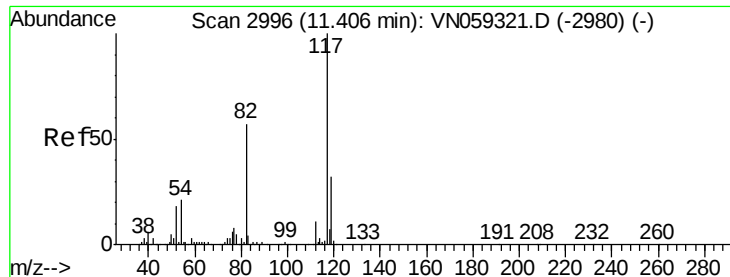
Tot Ion: 43 Resp: 83854
Ion Ratio Lower Upper
43 100
58 22.3 27.7 83.0#



#62
4-Bromofluorobenzene
Concen: 47.081 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN059408.D
Acq: 26 Nov 2019 15:52

Tgt Ion: 95 Resp: 193713
Ion Ratio Lower Upper
95 100
174 79.0 0.0 157.4
176 76.2 0.0 151.2

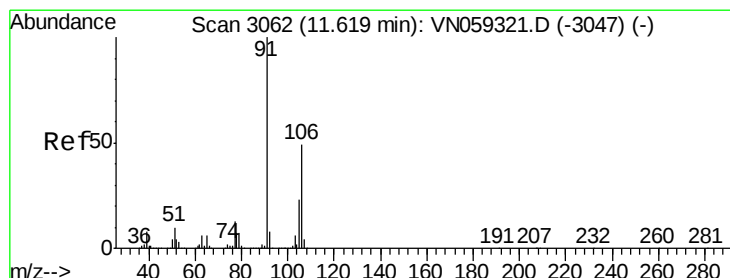
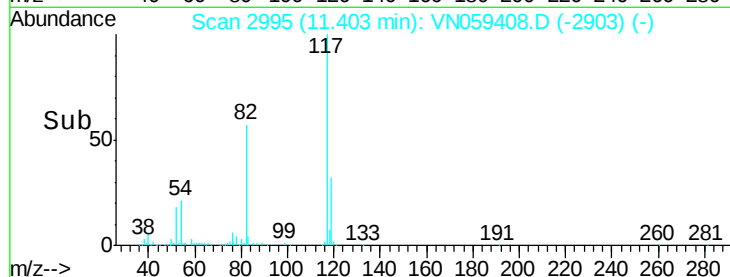
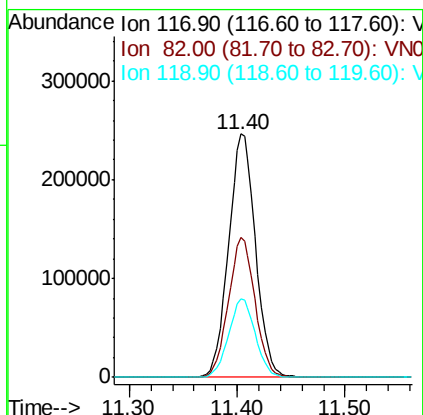
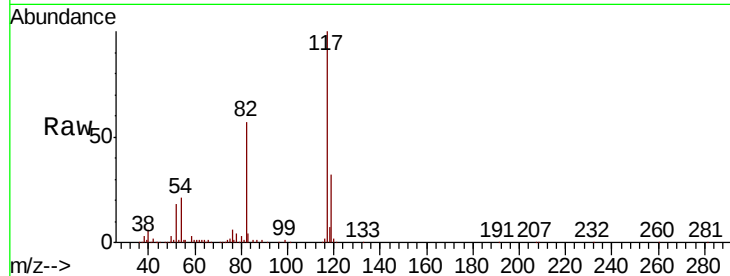




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059408.D
Acq: 26 Nov 2019 15:52

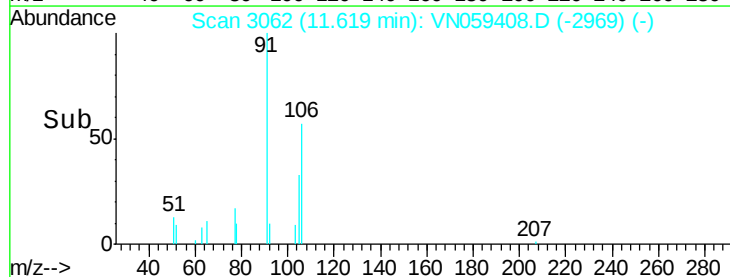
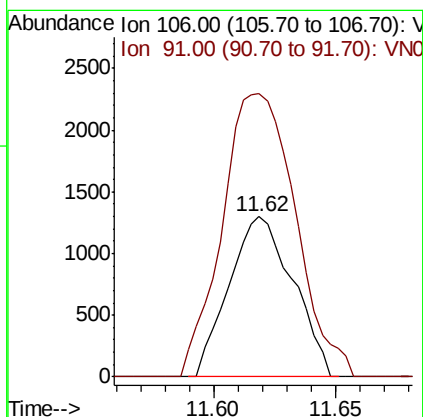
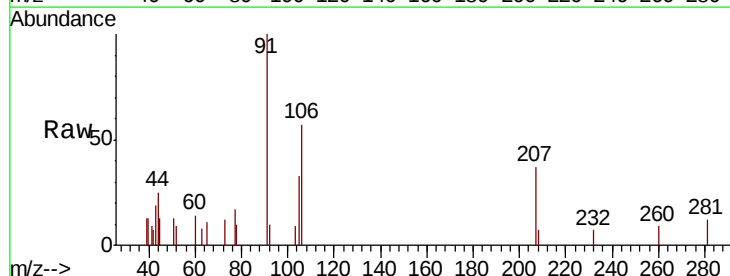
Instrument :
MSVOA_N
ClientSampleId :
EO-02-112219

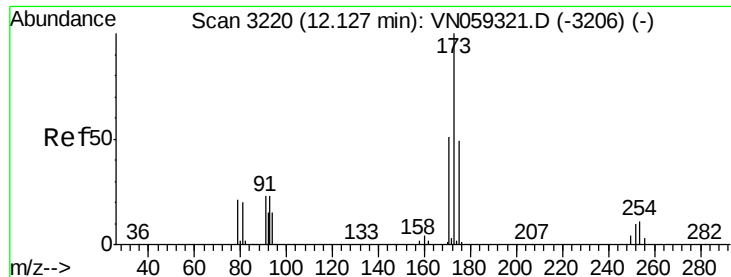
Tot Ion:117 Resp: 427361
Ion Ratio Lower Upper
117 100
82 57.4 45.7 68.5
119 32.0 25.8 38.6



#68
m/p-Xylenes
Concen: 0.387 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN059408.D
Acq: 26 Nov 2019 15:52

Tgt Ion:106 Resp: 2360
Ion Ratio Lower Upper
106 100
91 203.1 163.2 244.8





#71

Bromoform

Concen: 0.433 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN059408.D

Acq: 26 Nov 2019 15:52

Instrument :

MSVOA_N

ClientSampleId :

EO-02-112219

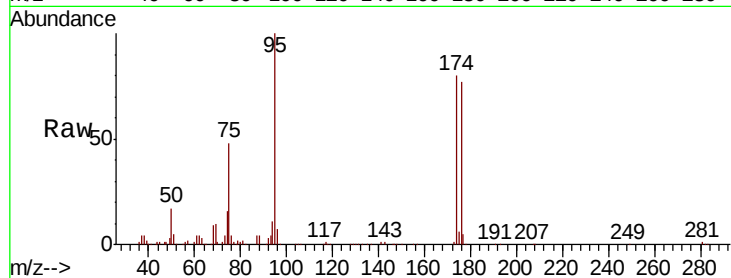
Tot Ion:173 Resp: 1094

Ion Ratio Lower Upper

173 100

175 862.6 24.6 73.6#

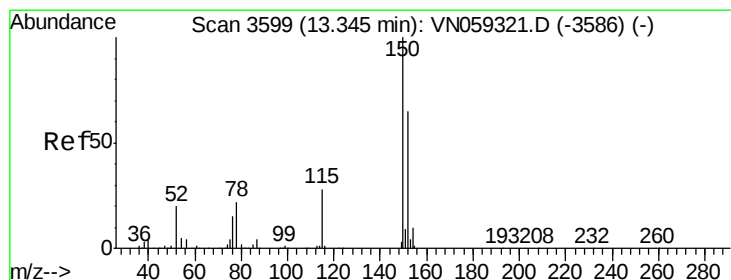
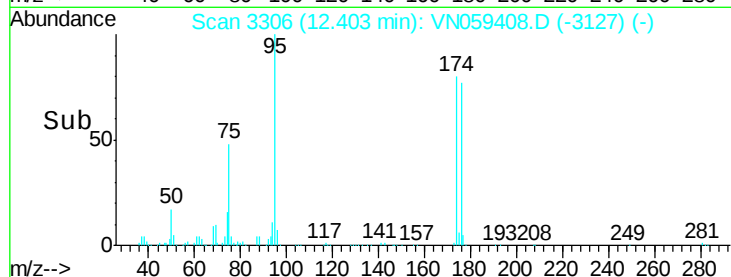
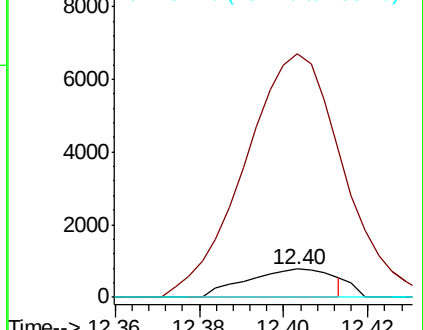
254 0.0 0.1 0.1#



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# 3599

Delta R.T. 0.00 min

Lab File: VN059408.D

Acq: 26 Nov 2019 15:52

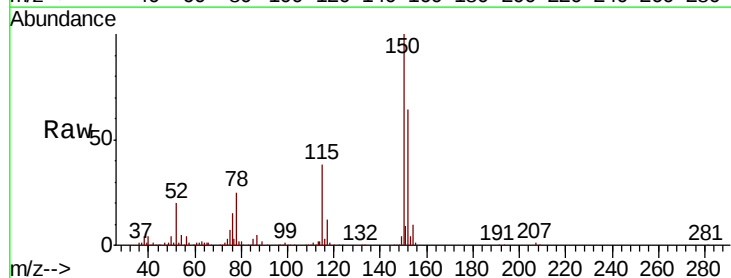
Tgt Ion:152 Resp: 169584

Ion Ratio Lower Upper

152 100

115 59.3 29.3 88.0

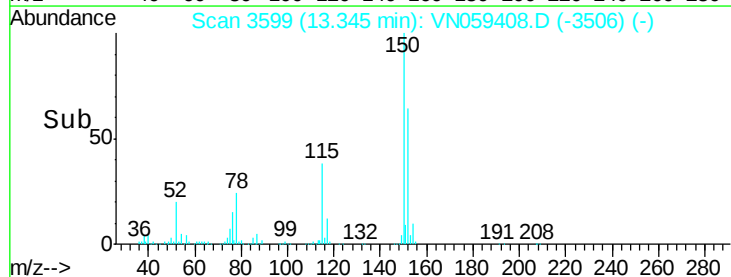
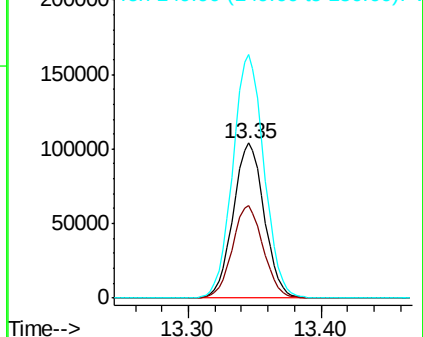
150 158.0 0.0 346.0

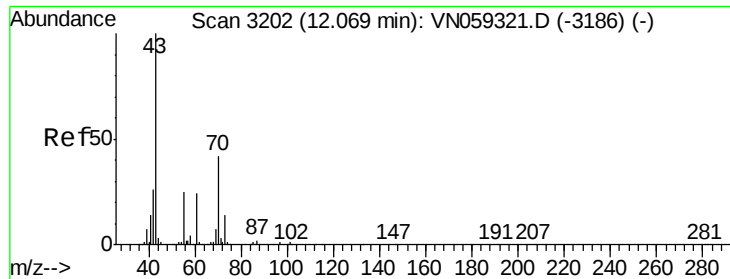


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amvl acetate

Concen: 0.694 ug/l

RT: 12.03 min Scan# 3190

Delta R.T. -0.04 min

Lab File: VN059408.D

Acq: 26 Nov 2019 15:52

Instrument :

MSVOA_N

ClientSampleId :

EO-02-112219

Tot Ion: 43 Resp: 3873

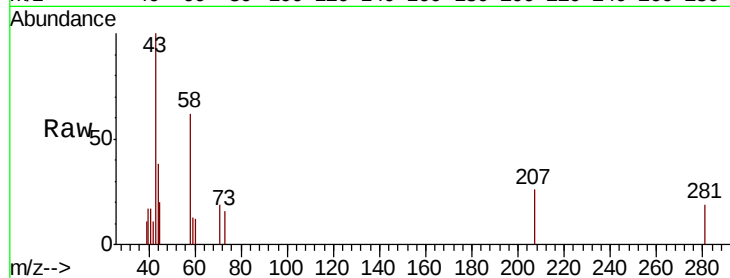
Ion Ratio Lower Upper

43 100

70 0.0 33.8 50.6#

55 0.0 20.3 30.5#

61 0.0 19.9 29.9#

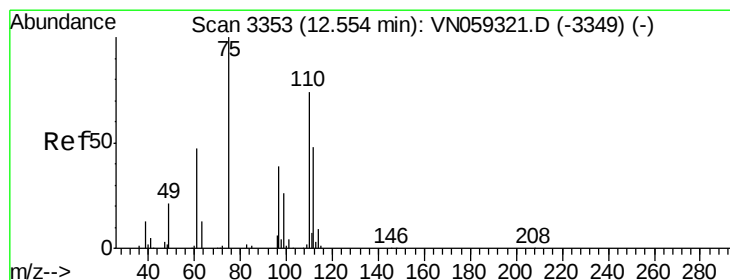
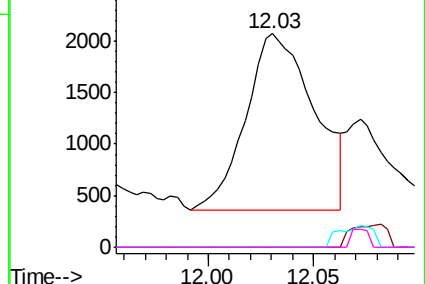
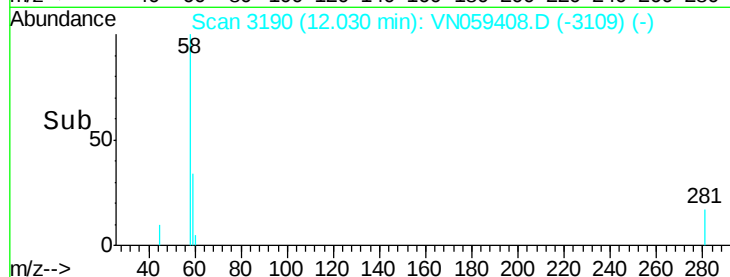


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 23.841 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN059408.D

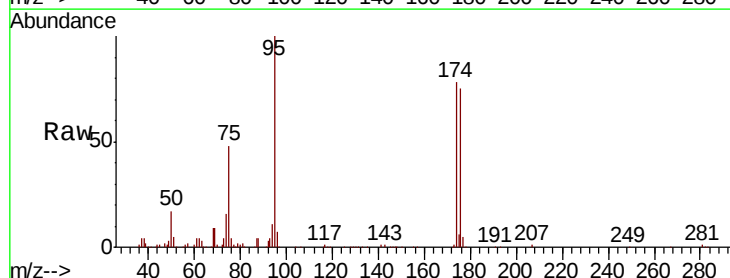
Acq: 26 Nov 2019 15:52

Tgt Ion: 75 Resp: 93405

Ion Ratio Lower Upper

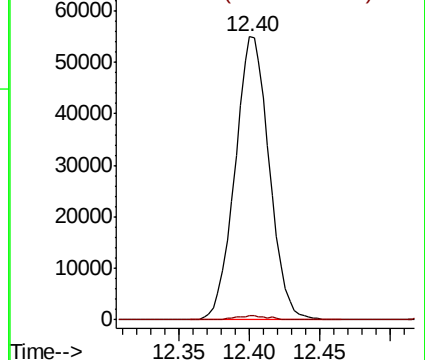
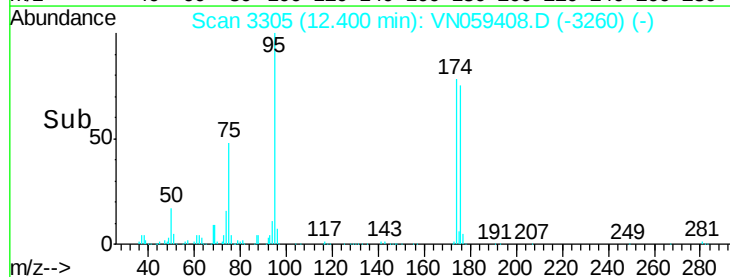
75 100

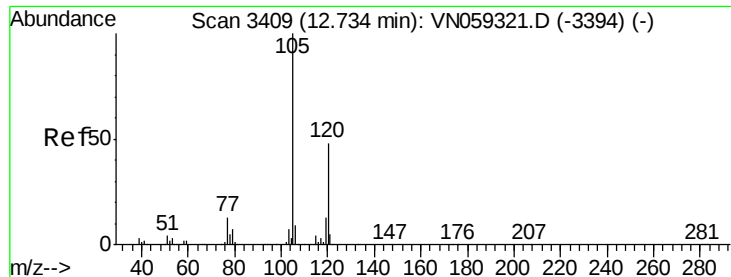
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#80

1,3,5-Trimethylbenzene

Concen: 0.451 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059408.D

Acq: 26 Nov 2019 15:52

Instrument :

MSVOA_N

ClientSampled :

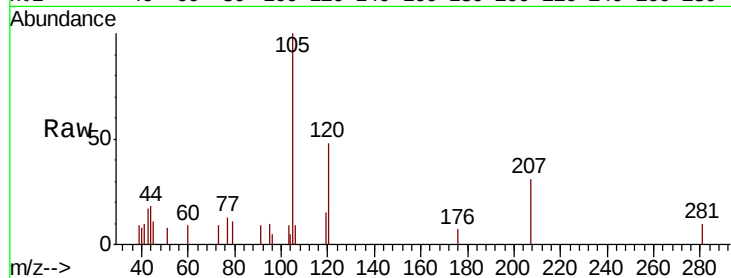
EO-02-112219

Tot Ion:105 Resp: 5266

Ion Ratio Lower Upper

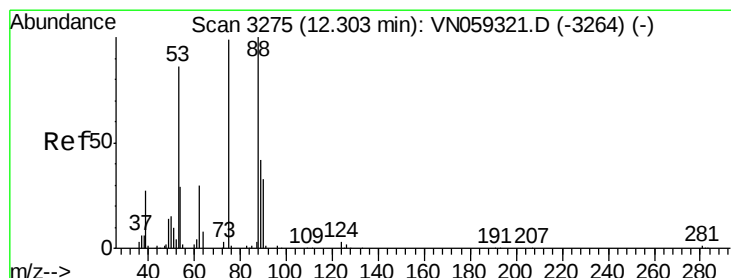
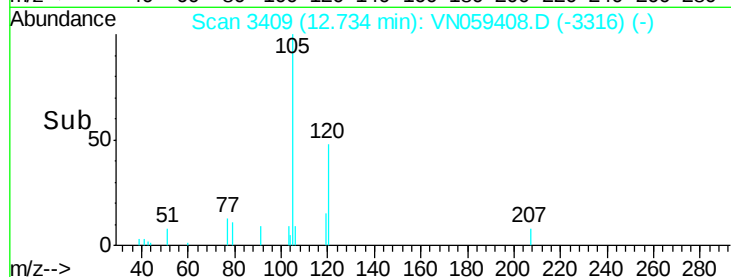
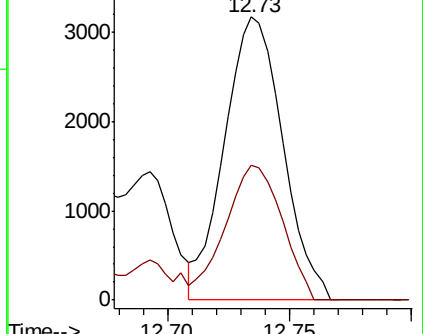
105 100

120 46.5 24.1 72.4



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: 59.631 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN059408.D

Acq: 26 Nov 2019 15:52

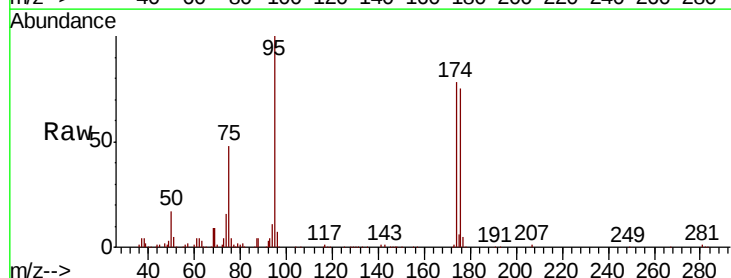
Tgt Ion: 75 Resp: 93405

Ion Ratio Lower Upper

75 100

53 0.0 70.7 106.1#

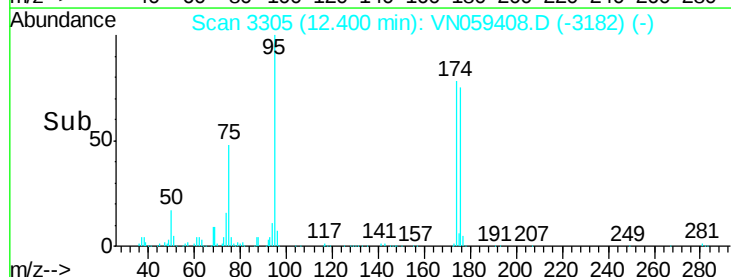
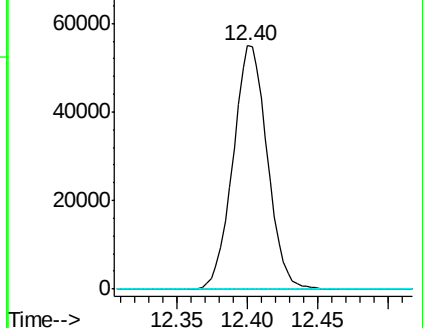
89 0.0 35.4 53.0#

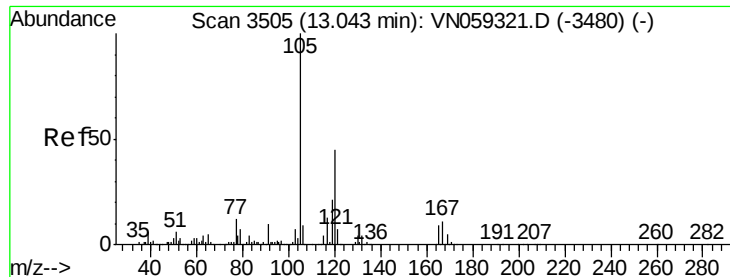


Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

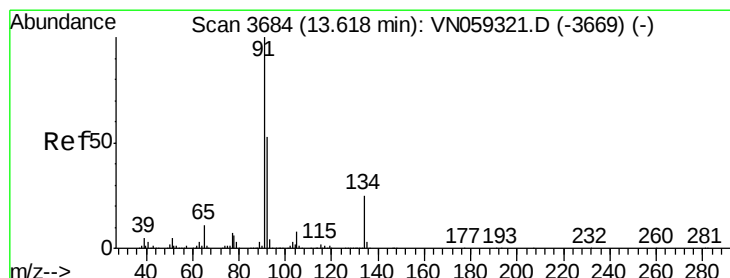
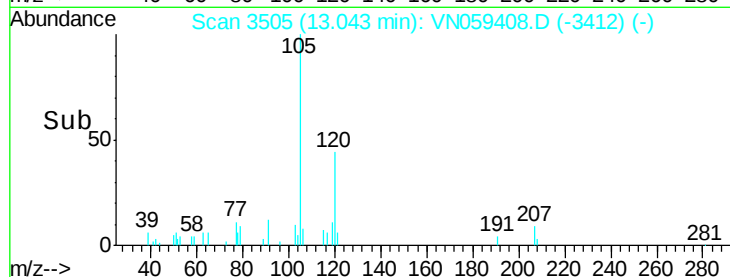
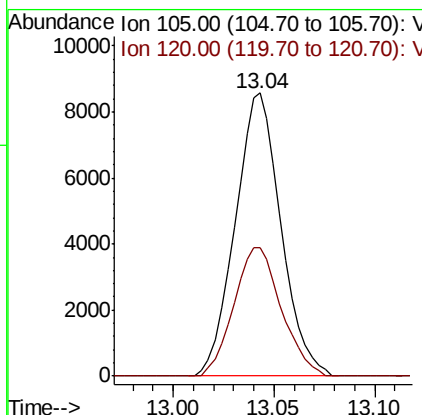
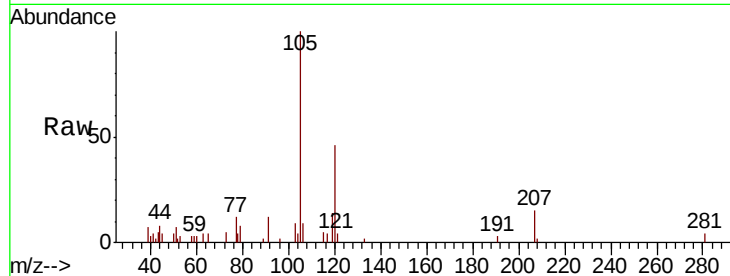




#84
 1,2,4-Trimethylbenzene
 Concen: 1.189 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN059408.D
 Acq: 26 Nov 2019 15:52

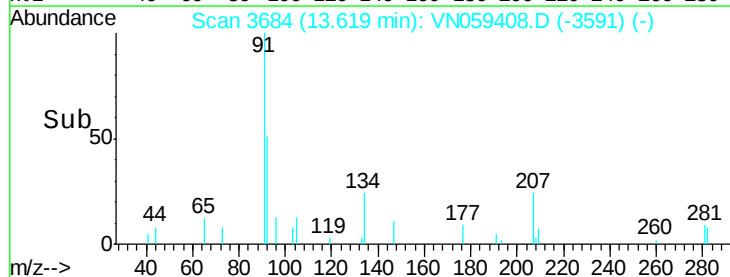
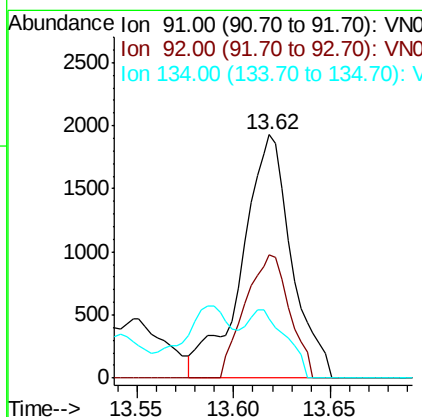
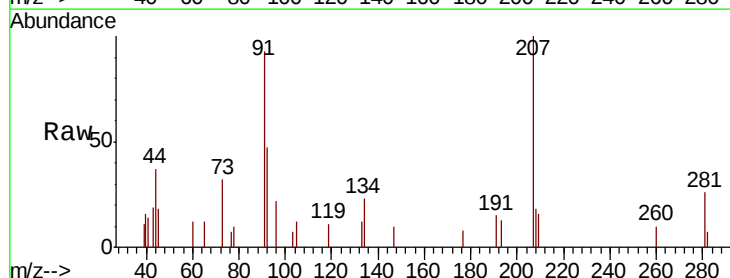
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-02-112219

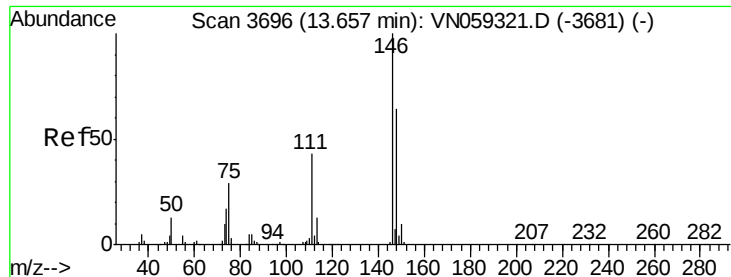
Tot Ion: 105 Resp: 13598
 Ion Ratio Lower Upper
 105 100
 120 47.1 22.6 67.8



#89
 n-Butylbenzene
 Concen: 0.332 ug/l
 RT: 13.62 min Scan# 3684
 Delta R.T. 0.00 min
 Lab File: VN059408.D
 Acq: 26 Nov 2019 15:52

Tgt Ion: 91 Resp: 3439
 Ion Ratio Lower Upper
 91 100
 92 45.4 26.0 78.0
 134 22.1 12.7 38.1





#91

1,2-Dichlorobenzene

Concen: 0.280 ug/l

RT: 13.66 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN059408.D

Acq: 26 Nov 2019 15:52

Instrument :

MSVOA_N

ClientSampled :

EO-02-112219

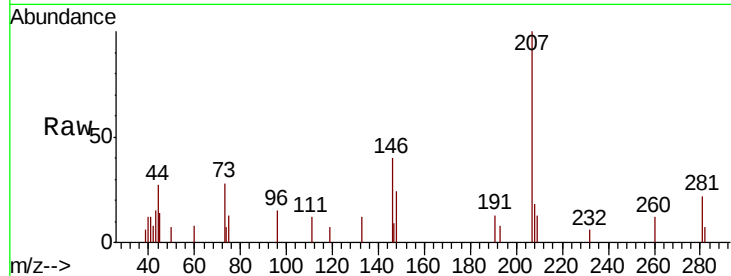
Tot Ion:146 Resp: 1627

Ion Ratio Lower Upper

146 100

111 37.7 21.3 64.0

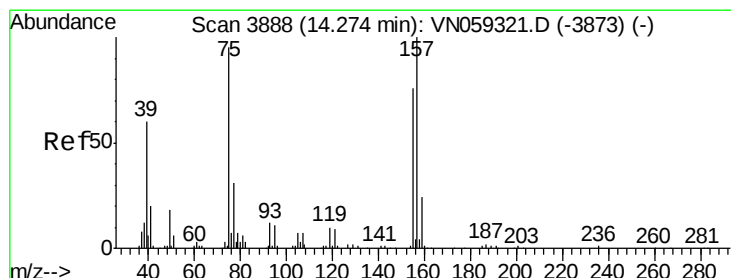
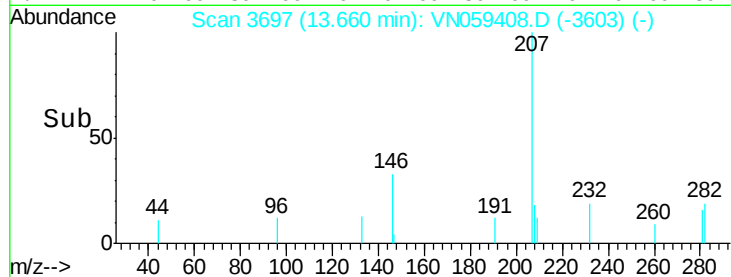
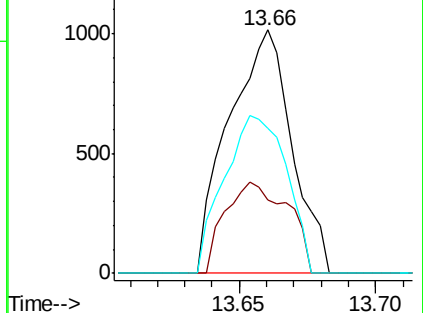
148 64.2 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.353 ug/l

RT: 14.27 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN059408.D

Acq: 26 Nov 2019 15:52

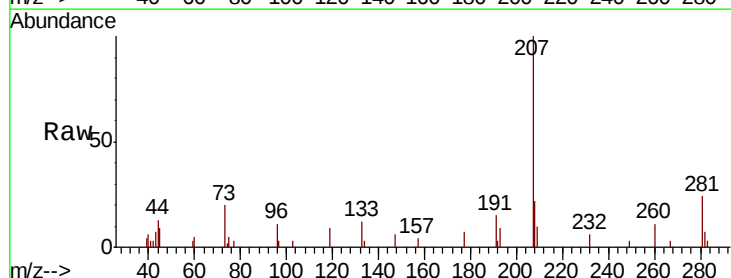
Tgt Ion: 75 Resp: 345

Ion Ratio Lower Upper

75 100

155 8.7 40.5 121.5#

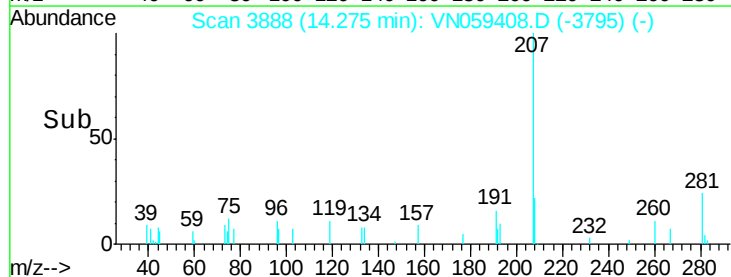
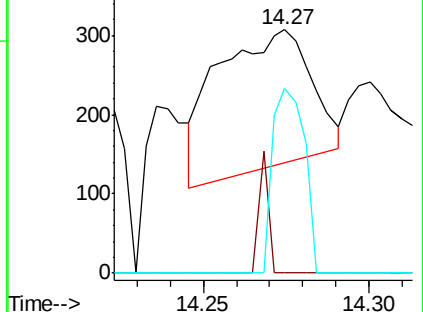
157 45.2 52.7 158.1#

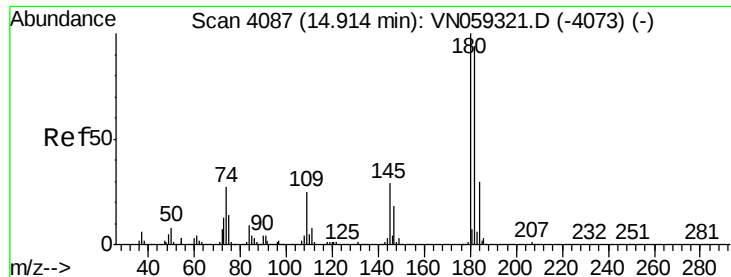


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

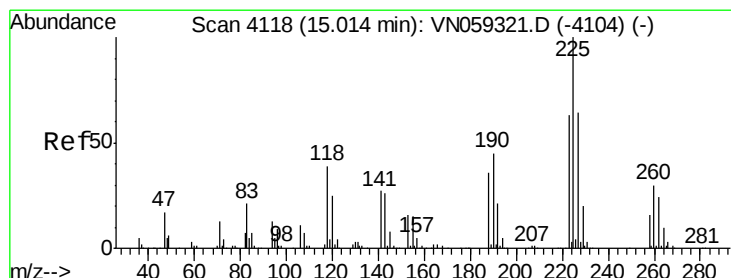
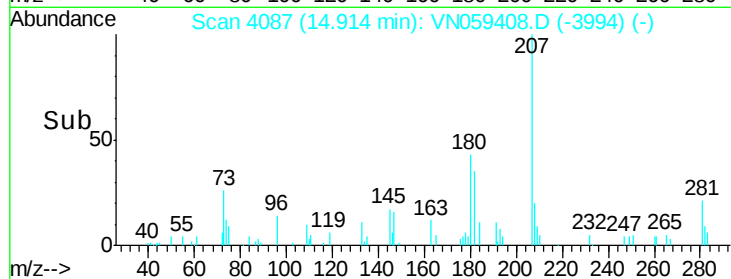
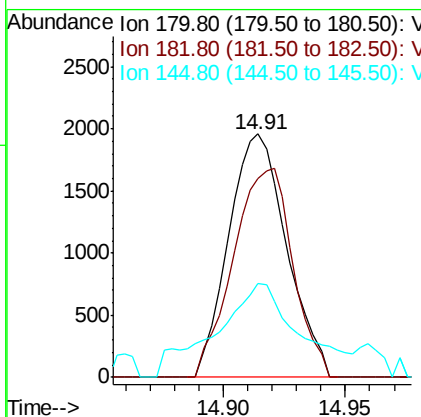
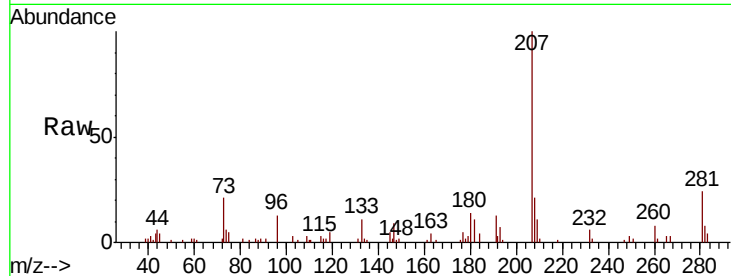




#93
 1,2,4-Trichlorobenzene
 Concen: 3.780 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059408.D
 Acq: 26 Nov 2019 15:52

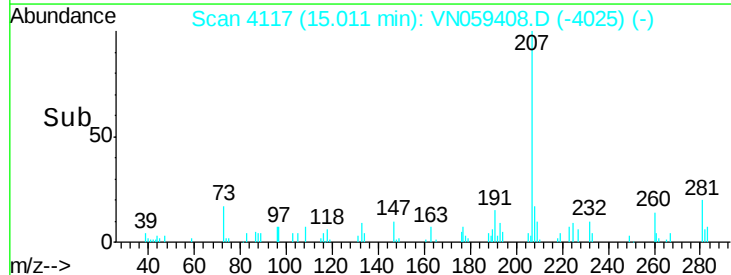
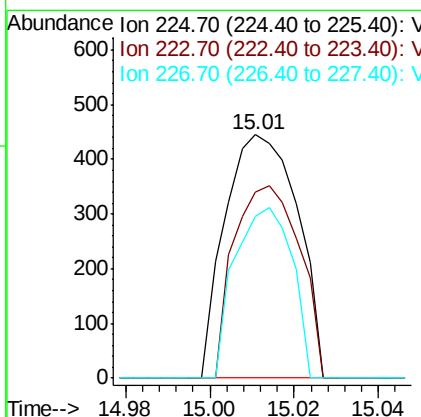
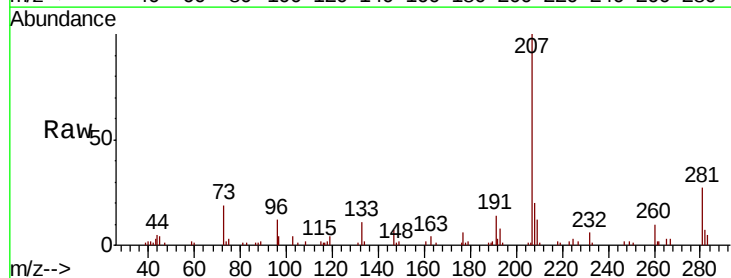
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-02-112219

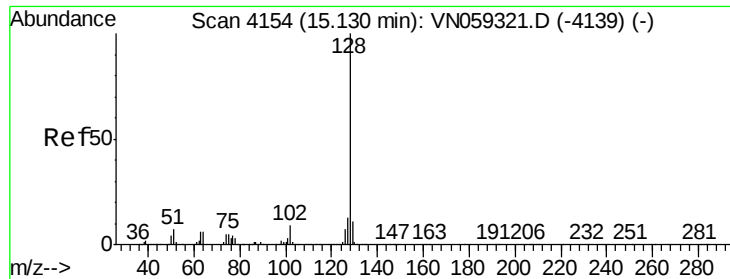
Tot Ion:180 Resp: 3229
 Ion Ratio Lower Upper
 180 100
 182 88.1 47.2 141.6
 145 56.3 14.9 44.5#



#94
 Hexachlorobutadiene
 Concen: 0.254 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN059408.D
 Acq: 26 Nov 2019 15:52

Tgt Ion:225 Resp: 532
 Ion Ratio Lower Upper
 225 100
 223 71.6 31.6 94.8
 227 55.5 32.6 97.7





#95

Naphthalene

Concen: 11.539 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059408.D

Acq: 26 Nov 2019 15:52

Instrument :

MSVOA_N

ClientSampleId :

EO-02-112219

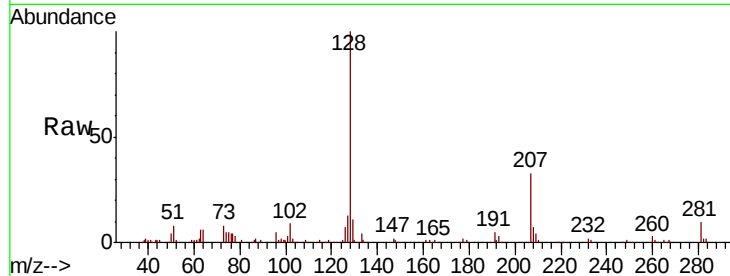
Tot Ion:128 Resp: 89358

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

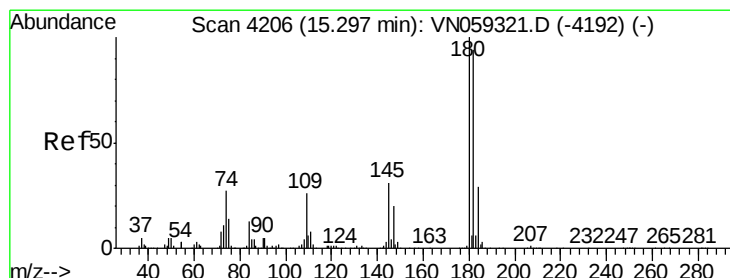
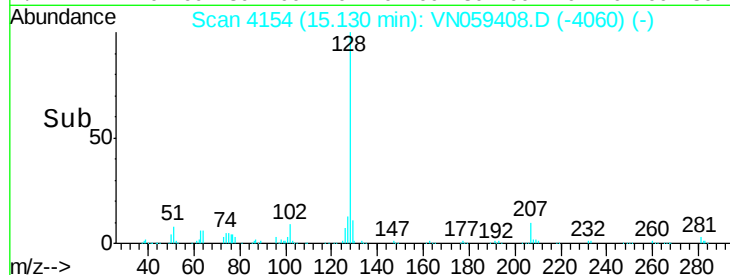
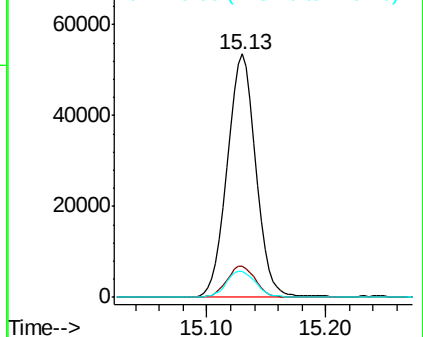
129 11.2 8.6 13.0



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: 3.033 ug/l

RT: 15.30 min Scan# 4207

Delta R.T. 0.00 min

Lab File: VN059408.D

Acq: 26 Nov 2019 15:52

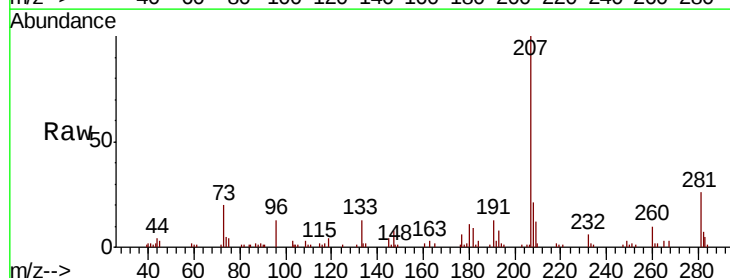
Tgt Ion:180 Resp: 4170

Ion Ratio Lower Upper

180 100

182 91.0 47.1 141.4

145 64.0 15.6 46.8#



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

