

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020420\
 Data File : VN059995.D
 Acq On : 4 Feb 2020 15:33
 Operator : JC/MD
 Sample : L1368-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-020320

Quant Time: Feb 05 01:23:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	208104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	323133	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	299606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140463	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	117629	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	
35) Dibromofluoromethane	7.57	113	96951	50.31	ug/l	0.00
Spiked Amount			Recovery	=	100.62%	
50) Toluene-d8	10.08	98	385260	51.60	ug/l	0.00
Spiked Amount			Recovery	=	103.20%	
62) 4-Bromofluorobenzene	12.40	95	139883	51.97	ug/l	0.00
Spiked Amount			Recovery	=	103.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	7348	Below Cal		90
18) Methyl Acetate	4.31	43	1415	0.524	ug/l #	54
20) Methylene Chloride	4.52	84	4625	0.942	ug/l	87
25) 2-Butanone	6.82	43	401	0.306	ug/l #	50
31) Cyclohexane	7.64	56	4174	1.221	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	14990	5.327	ug/l #	50
38) Carbon Tetrachloride	7.64	117	19166	6.261	ug/l #	16
43) Isopropyl Acetate	8.14	43	47190	10.395	ug/l	93
45) 1,2-Dichloropropane	9.25	63	932	0.449	ug/l #	44
48) Methyl methacrylate	9.16	41	2910	1.433	ug/l #	13
51) 4-Methyl-2-Pentanone	9.97	43	3366	1.283	ug/l	88
52) Toluene	10.15	92	2779	0.524	ug/l	100
54) cis-1,3-Dichloropropene	9.89	75	21698	6.256	ug/l #	57
57) 1,3-Dichloropropane	10.75	76	3551	1.065	ug/l #	42
59) 2-Hexanone	10.76	43	49090	25.392	ug/l #	54
67) Ethyl Benzene	11.51	91	10024	0.938	ug/l	98
68) m/p-Xylenes	11.61	106	16278	4.031	ug/l	93
69) o-Xylene	11.94	106	16459	4.163	ug/l	96
73) Isopropylbenzene	12.25	105	5761	0.559	ug/l	97
74) N-amyl acetate	12.03	43	2465	0.617	ug/l #	45
76) 1,2,3-Trichloropropane	12.40	75	72030	30.471	ug/l #	100
78) n-propylbenzene	12.59	91	15325	1.325	ug/l	97
79) 2-Chlorotoluene	12.65	91	6388	0.929	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.73	105	36076	4.164	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.40	75	72030	65.438	ug/l #	11
82) 4-Chlorotoluene	12.73	91	3144	0.456	ug/l #	42
83) tert-Butylbenzene	13.04	119	16109	2.150	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.04	105	131848	15.383	ug/l	99
85) sec-Butylbenzene	13.17	105	5414	0.550	ug/l	88
86) p-Isopropyltoluene	13.29	119	5186	0.569	ug/l	97
89) n-Butylbenzene	13.61	91	4451	0.573	ug/l #	72
90) Hexachloroethane	13.89	117	2381	1.397	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	14.28	75	29	Below Cal	#	6
95) Naphthalene	15.13	128	19187	2.506	ug/l	99

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Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration

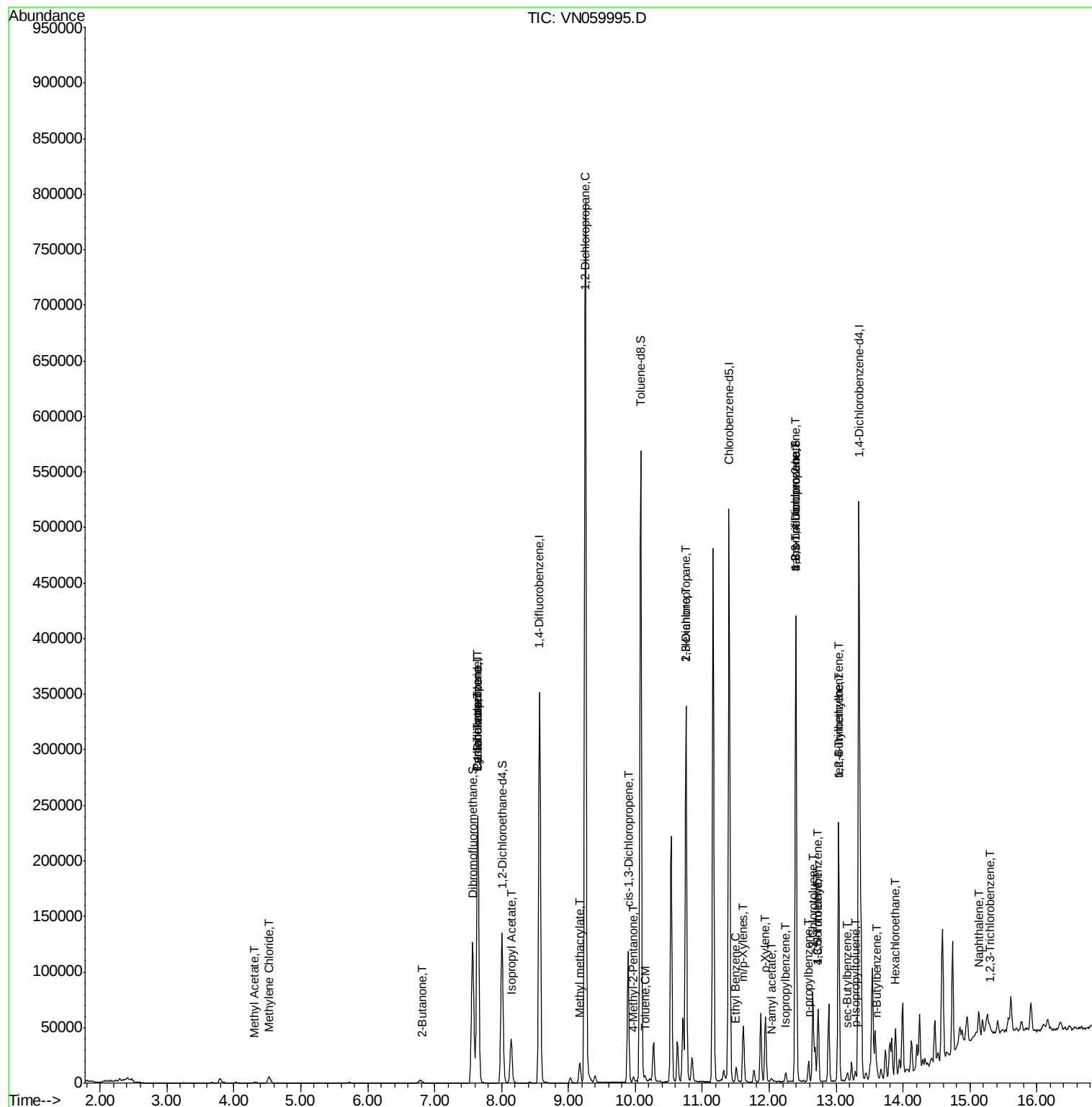
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.31	180	563	0.215	ug/l #	49

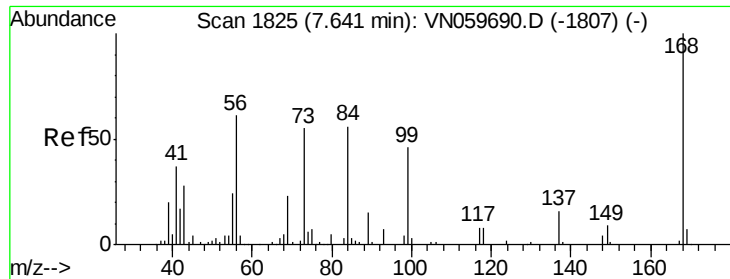
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059995.D

Acq: 4 Feb 2020 15:33

Instrument :

MSVOA_N

ClientSampleId :

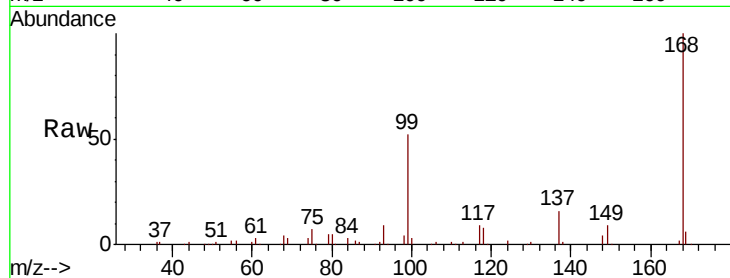
EO-01-020320

Tot Ion:168 Resp: 208104

Ion Ratio Lower Upper

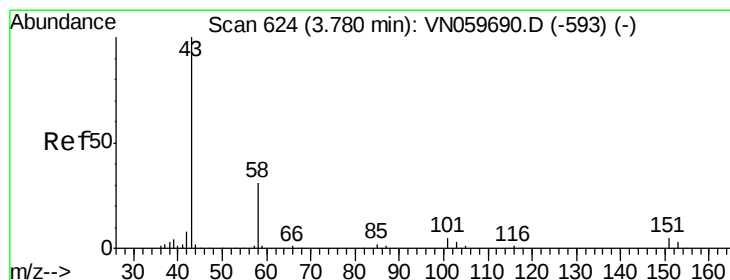
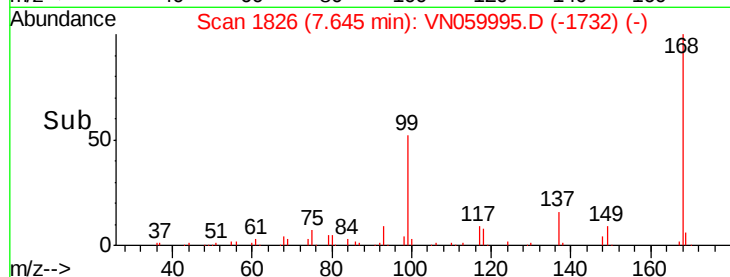
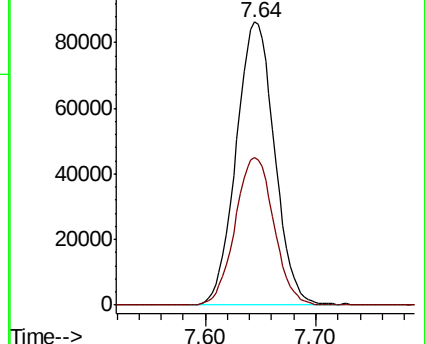
168 100

99 52.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): VN059995.D (-1732) (-)

Ion 98.90 (98.60 to 99.60): VN059995.D (-1732) (-)



#16

Acetone

Concen: Below Cal

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN059995.D

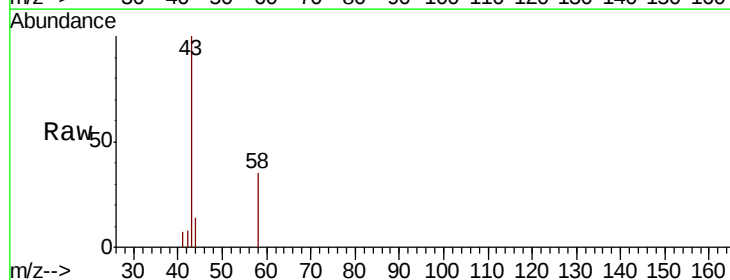
Acq: 4 Feb 2020 15:33

Tgt Ion: 43 Resp: 7348

Ion Ratio Lower Upper

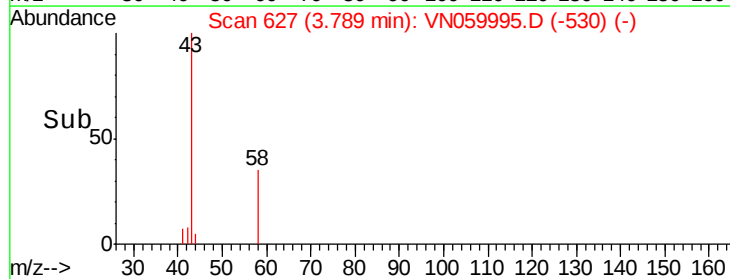
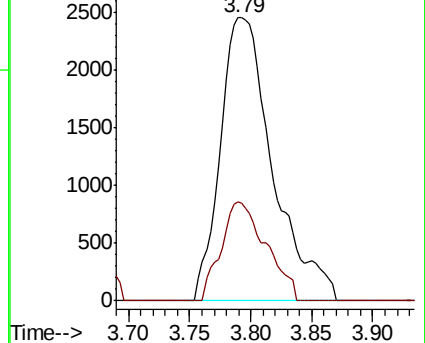
43 100

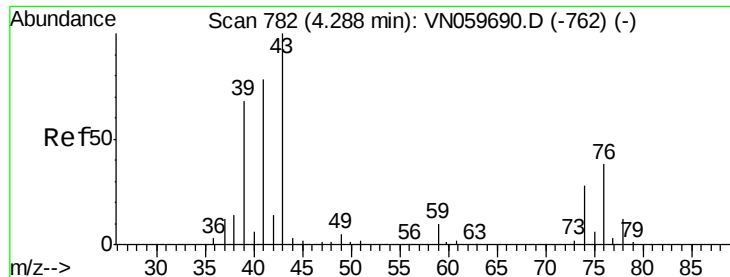
58 35.1 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059995.D (-530) (-)

Ion 58.00 (57.70 to 58.70): VN059995.D (-530) (-)

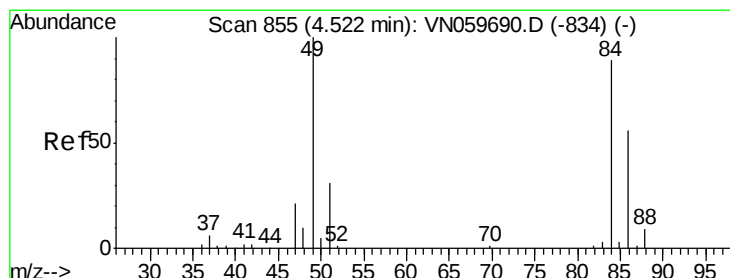
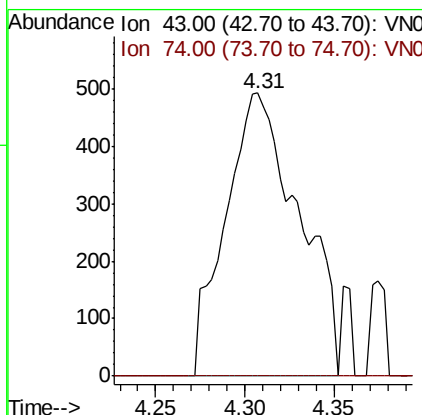
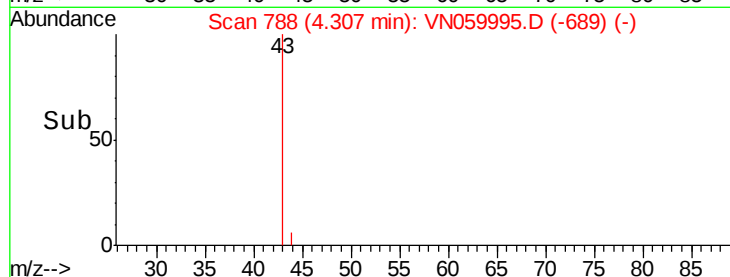
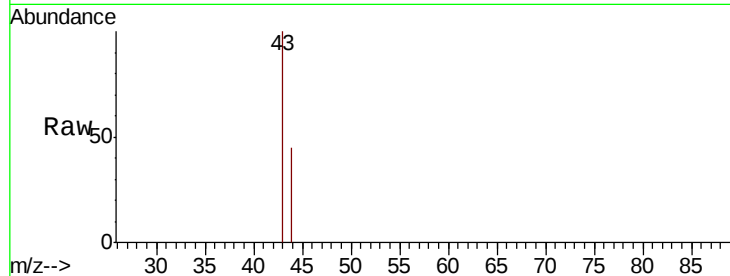




#18
Methyl Acetate
Concen: 0.524 ug/l
RT: 4.31 min Scan# 788
Delta R.T. 0.02 min
Lab File: VN059995.D
Acq: 4 Feb 2020 15:33

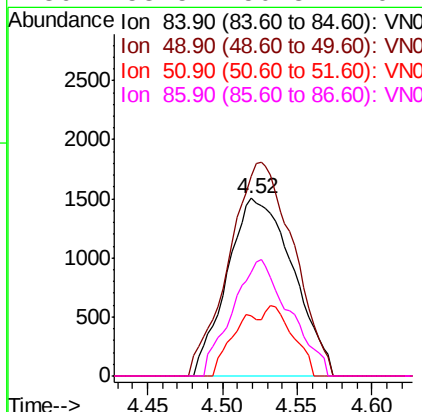
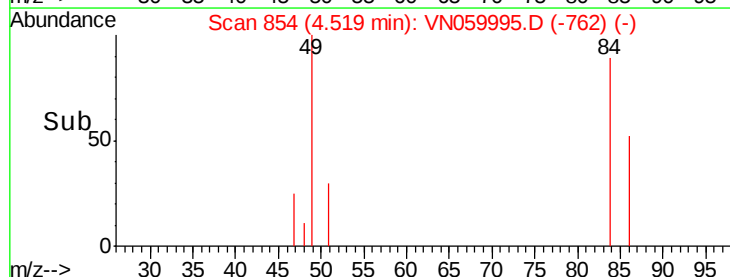
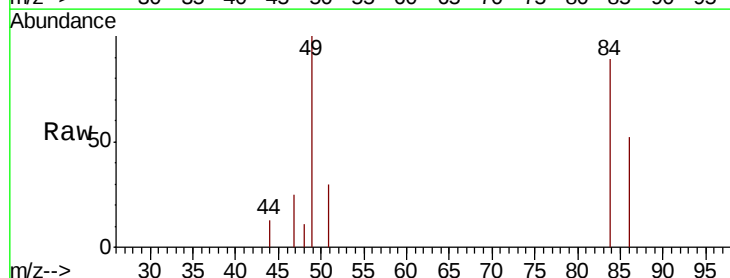
Instrument :
MSVOA_N
ClientSampled :
EO-01-020320

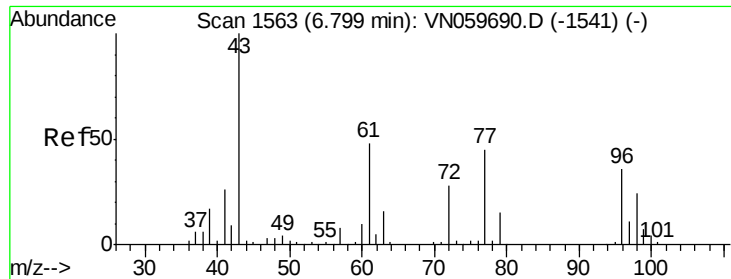
Tot Ion: 43 Resp: 1415
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#20
Methylene Chloride
Concen: 0.942 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059995.D
Acq: 4 Feb 2020 15:33

Tgt Ion: 84 Resp: 4625
Ion Ratio Lower Upper
84 100
49 112.7 106.6 160.0
51 34.2 31.9 47.9
86 58.5 50.8 76.2

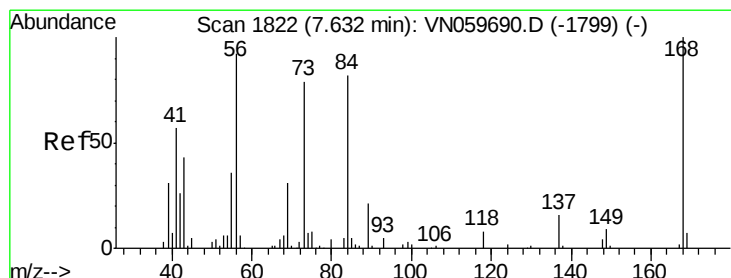
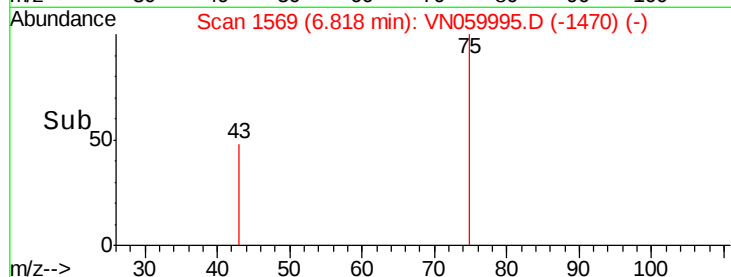
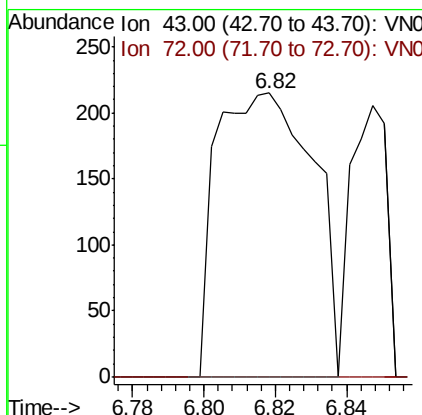
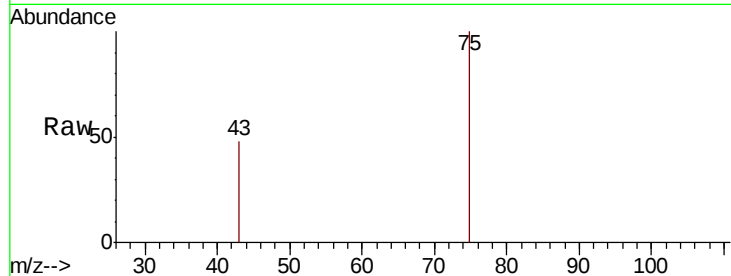




#25
2-Butanone
Concen: 0.306 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. 0.02 min
Lab File: VN059995.D
Acq: 4 Feb 2020 15:33

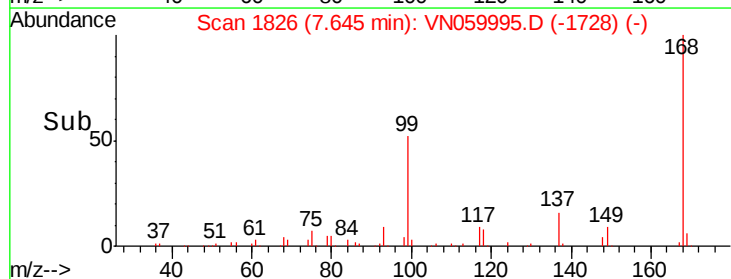
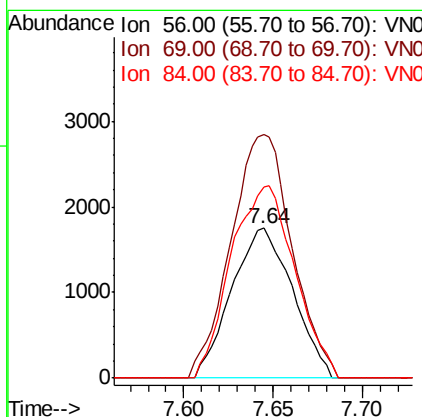
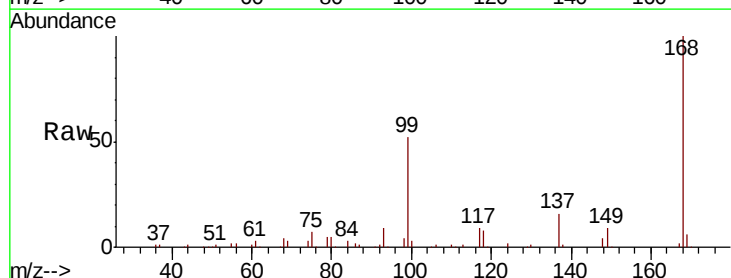
Instrument :
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EO-01-020320

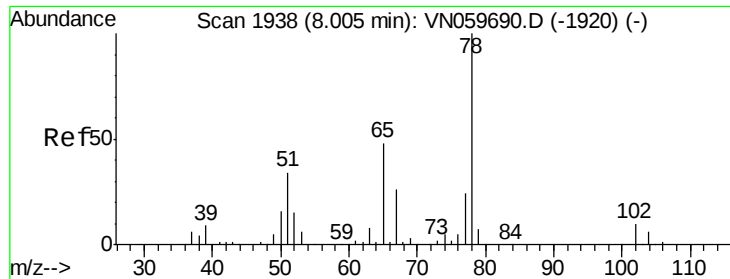
Tot Ion: 43 Resp: 401
Ion Ratio Lower Upper
43 100
72 0.0 19.9 29.9#



#31
Cyclohexane
Concen: 1.221 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN059995.D
Acq: 4 Feb 2020 15:33

Tgt Ion: 56 Resp: 4174
Ion Ratio Lower Upper
56 100
69 162.3 26.5 39.7#
84 127.9 65.3 97.9#

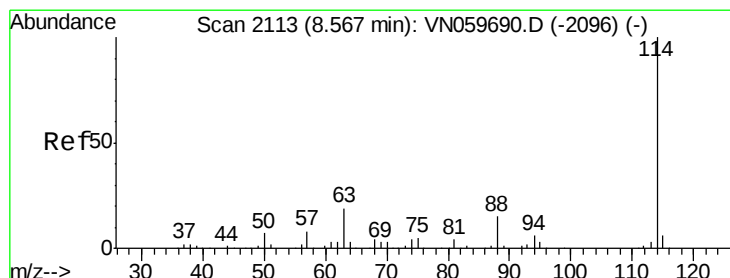
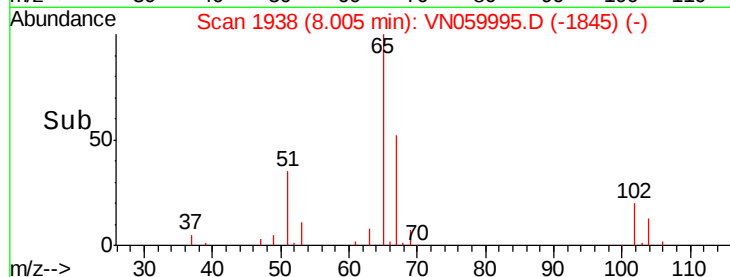
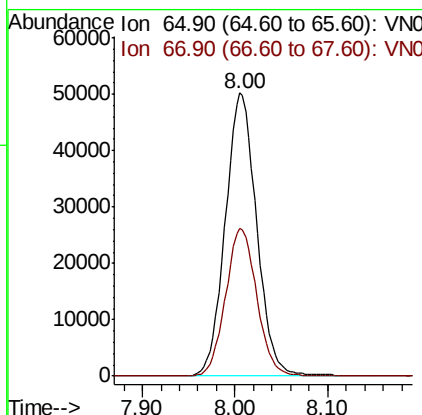
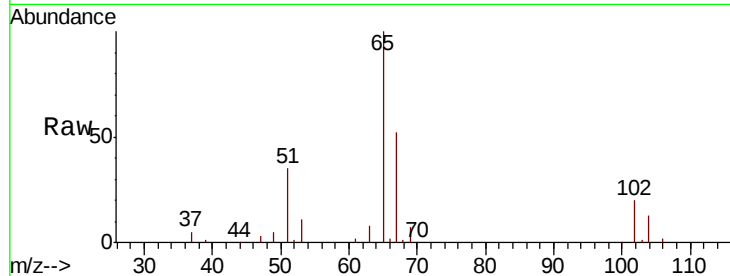




#33
 1,2-Dichloroethane-d4
 Concen: 50.899 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059995.D
 Acq: 4 Feb 2020 15:33

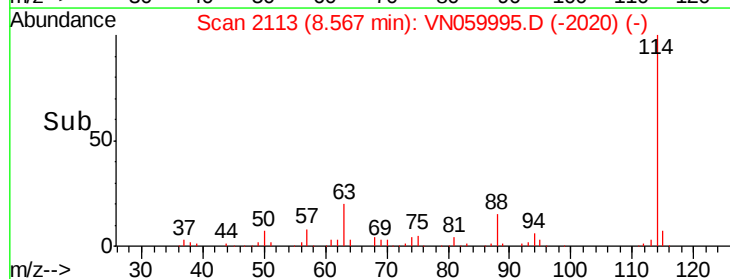
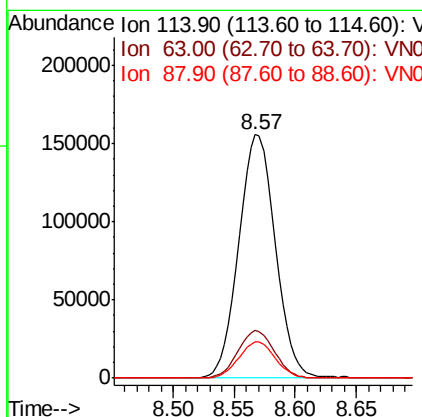
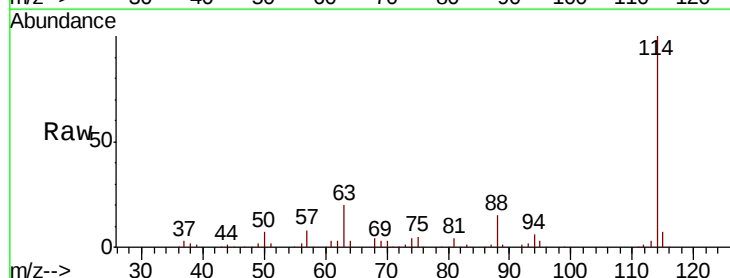
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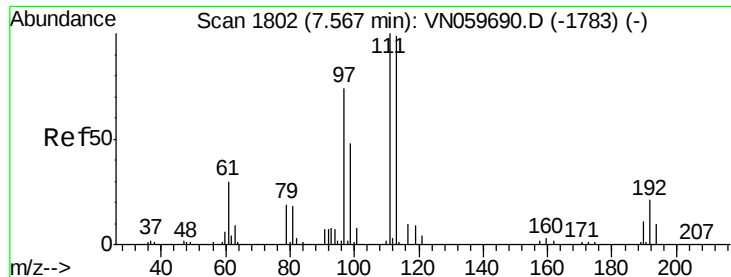
Tot Ion: 65 Resp: 117629
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059995.D
 Acq: 4 Feb 2020 15:33

Tgt Ion: 114 Resp: 323133
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 43.6
 88 14.8 0.0 31.4

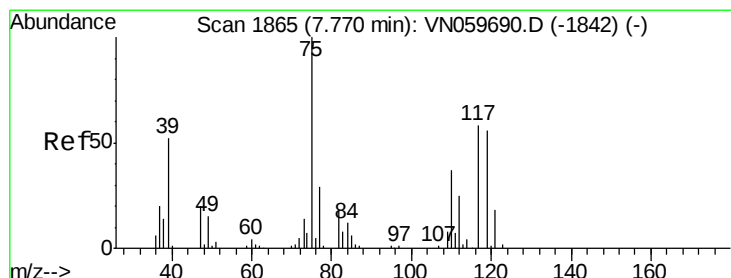
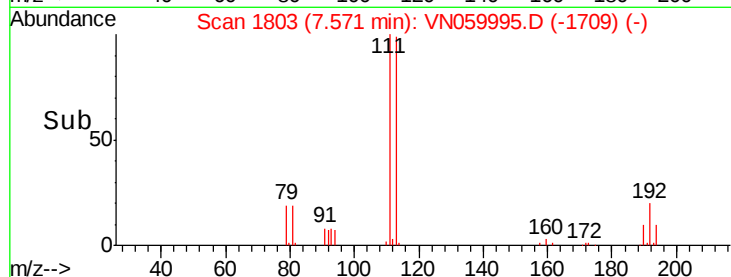
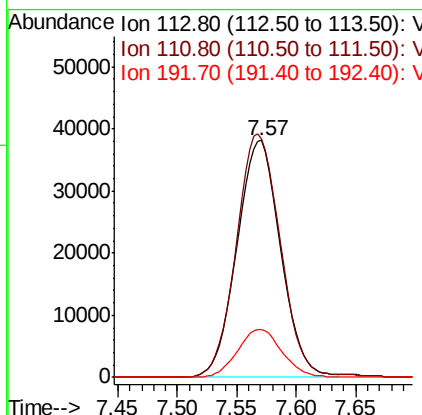
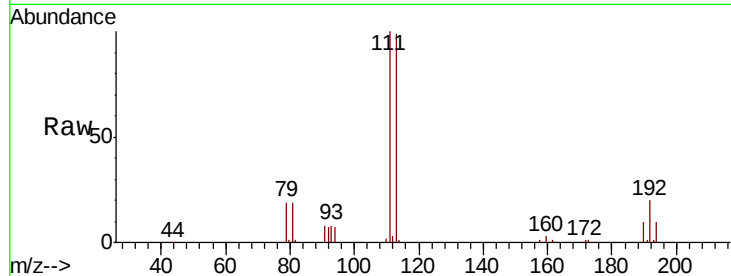




#35
Dibromofluoromethane
Concen: 50.312 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN059995.D
Acq: 4 Feb 2020 15:33

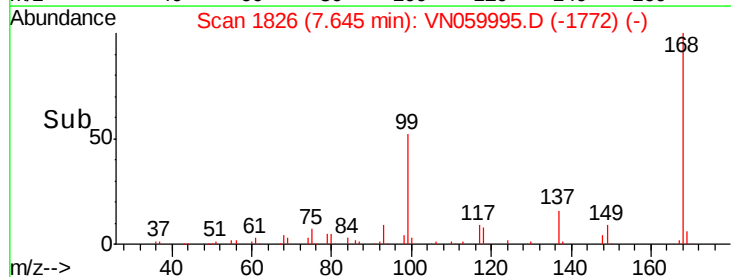
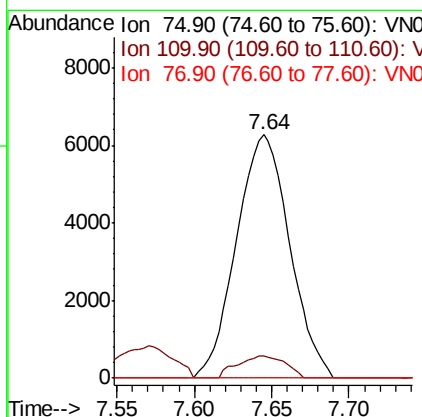
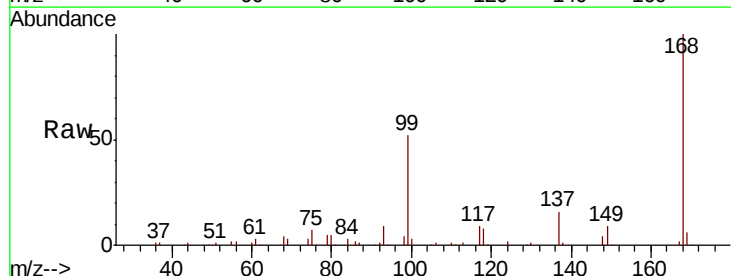
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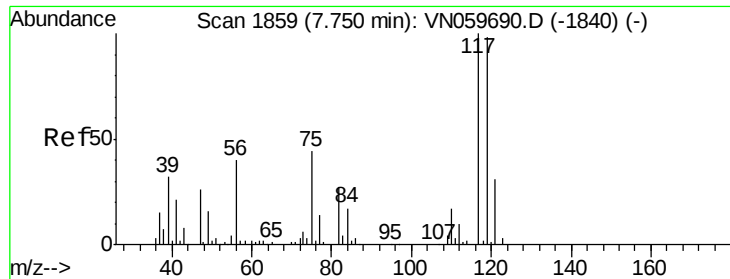
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.5	125.3
192	20.6	15.4	23.2



#36
1,1-Dichloropropene
Concen: 5.327 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. -0.13 min
Lab File: VN059995.D
Acq: 4 Feb 2020 15:33

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	16.6	49.7#
77	0.0	25.1	37.7#





#38

Carbon Tetrachloride

Concen: 6.261 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.11 min

Lab File: VN059995.D

Acq: 4 Feb 2020 15:33

Instrument :

MSVOA_N

ClientSampleId :

EO-01-020320

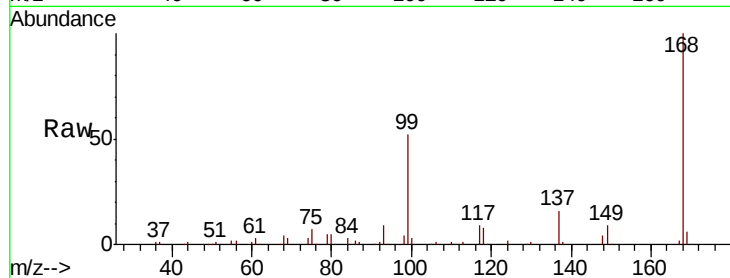
Tot Ion:117 Resp: 19166

Ion Ratio Lower Upper

117 100

119 5.1 76.5 114.7#

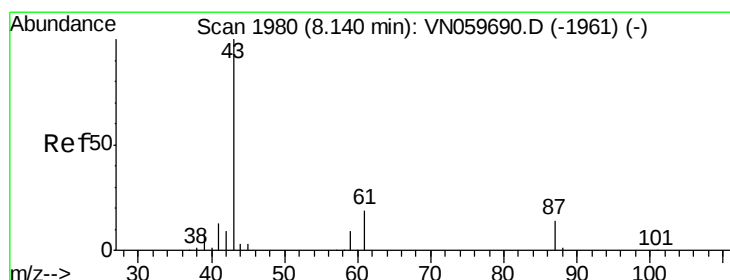
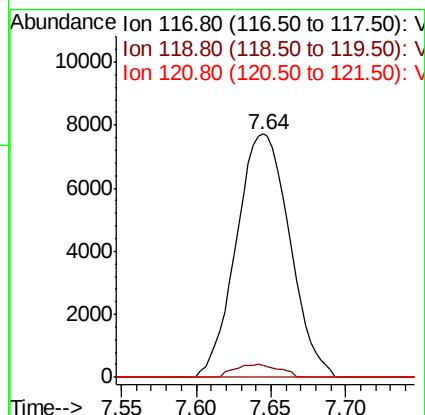
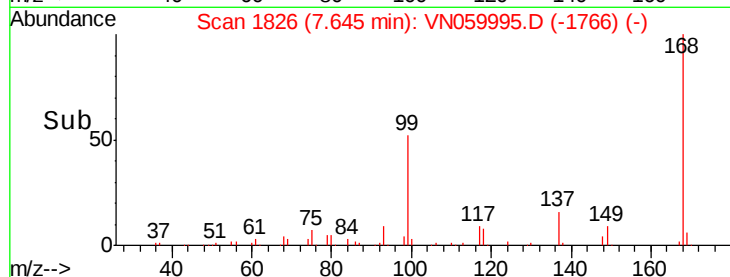
121 0.0 25.1 37.7#



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: 10.395 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059995.D

Acq: 4 Feb 2020 15:33

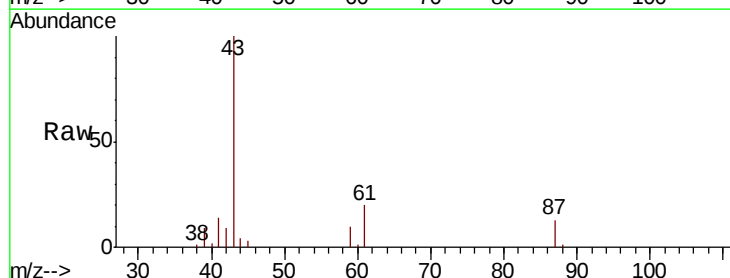
Tgt Ion: 43 Resp: 47190

Ion Ratio Lower Upper

43 100

61 20.6 20.2 30.2

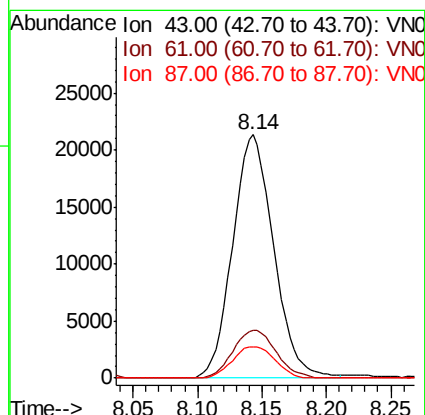
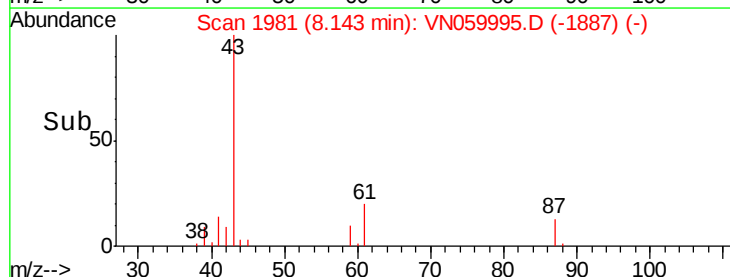
87 13.3 9.5 14.3

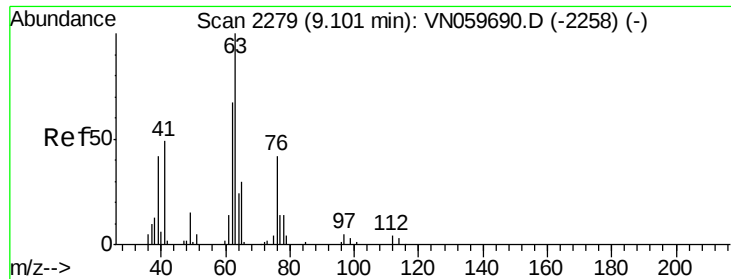


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

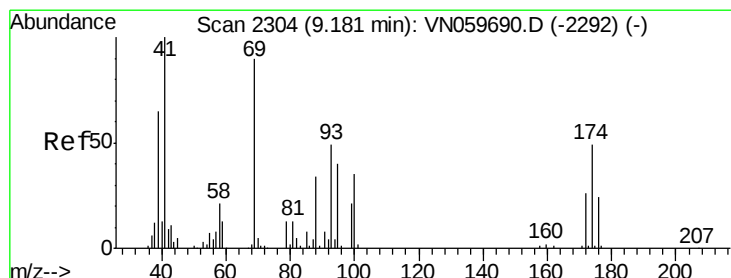
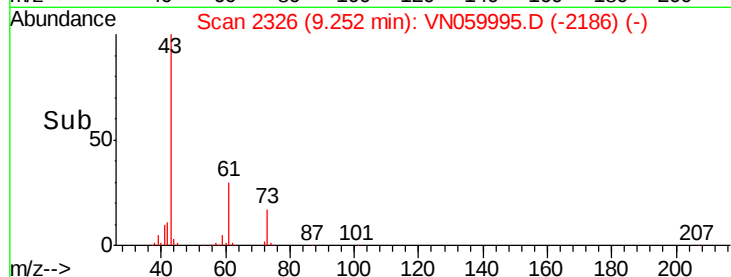
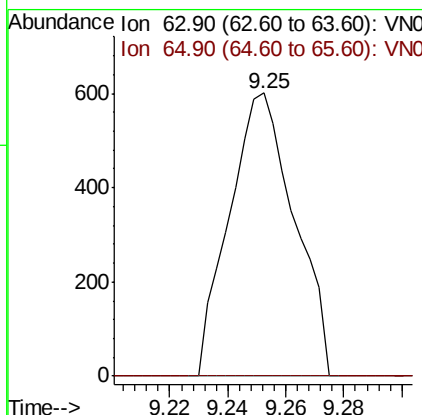
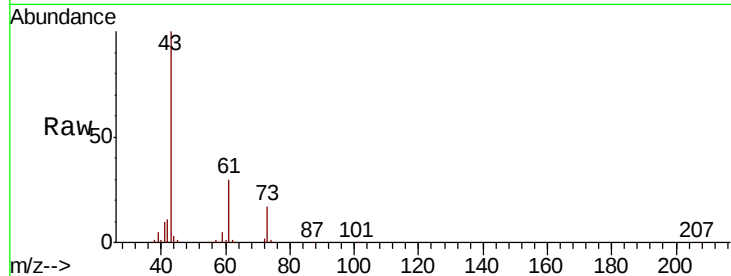




#45
 1,2-Dichloropropane
 Concen: 0.449 ug/l
 RT: 9.25 min Scan# 2326
 Delta R.T. 0.15 min
 Lab File: VN059995.D
 Acq: 4 Feb 2020 15:33

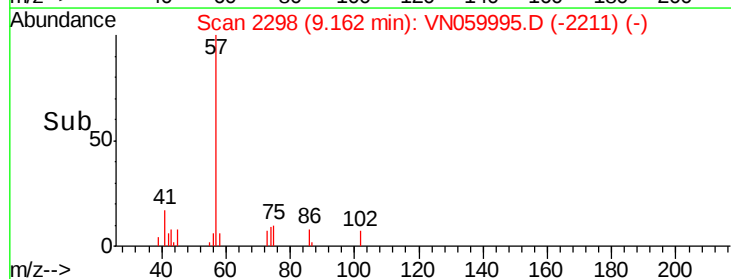
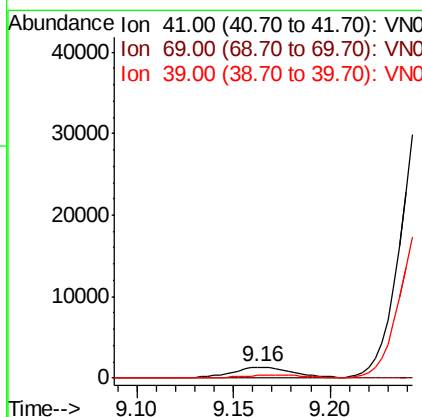
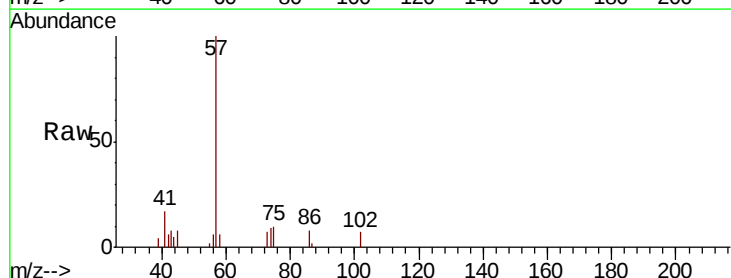
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-020320

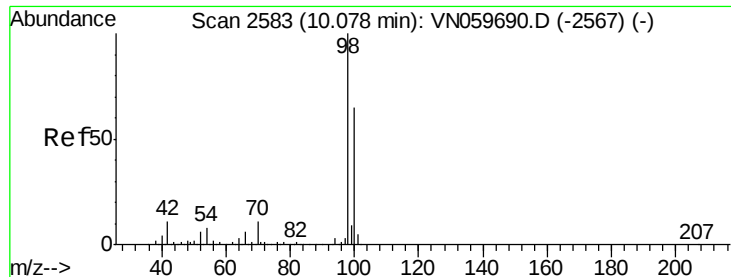
Tot Ion: 63 Resp: 932
 Ion Ratio Lower Upper
 63 100
 65 0.0 24.9 37.3#



#48
 Methyl methacrylate
 Concen: 1.433 ug/l
 RT: 9.16 min Scan# 2298
 Delta R.T. -0.02 min
 Lab File: VN059995.D
 Acq: 4 Feb 2020 15:33

Tgt Ion: 41 Resp: 2910
 Ion Ratio Lower Upper
 41 100
 69 0.0 64.4 96.6#
 39 0.0 51.3 76.9#

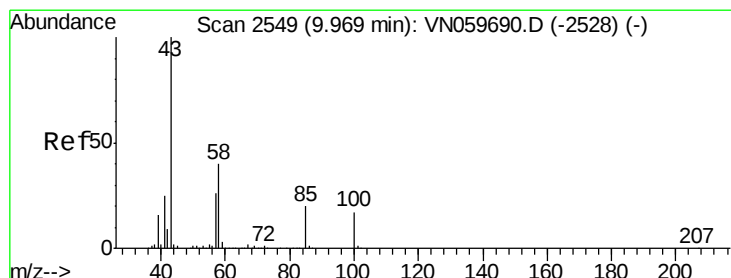
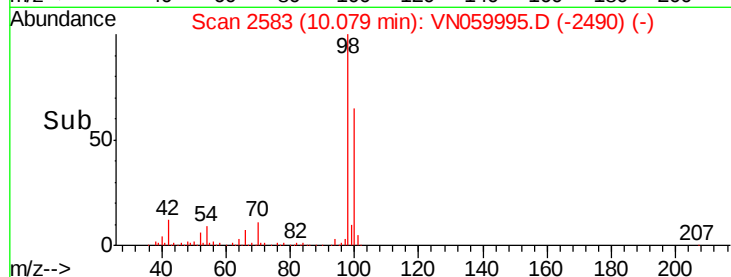
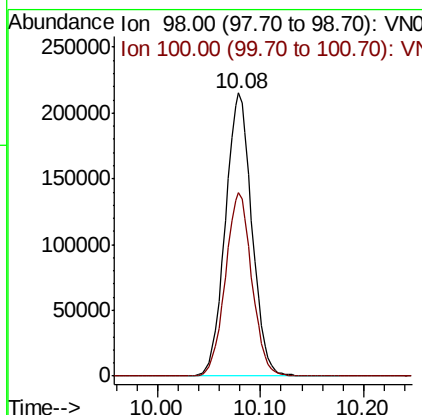
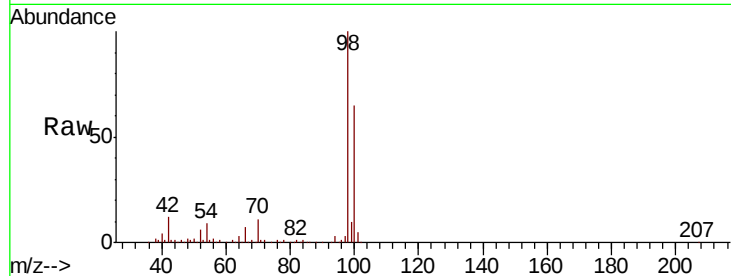




#50
Toluene-d8
Concen: 51.601 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059995.D
Acq: 4 Feb 2020 15:33

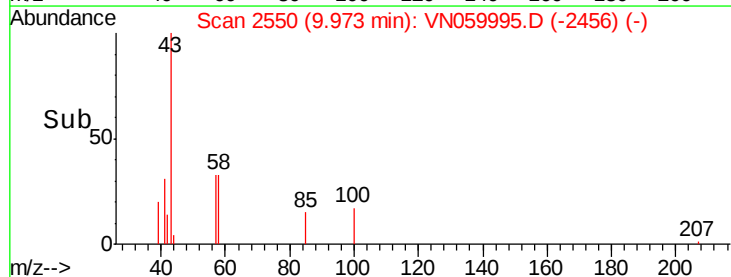
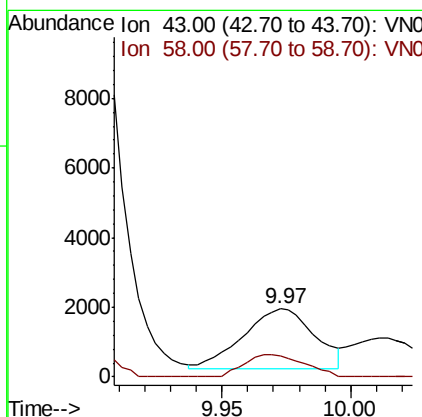
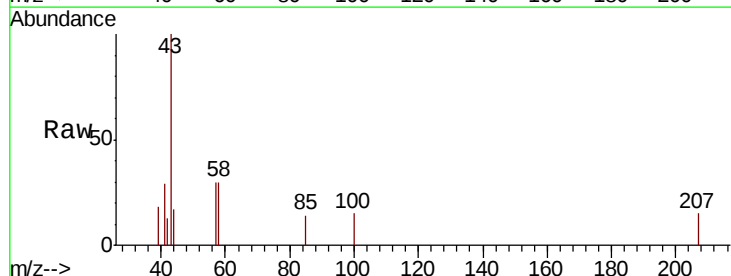
Instrument :
MSVOA_N
ClientSampleId :
EO-01-020320

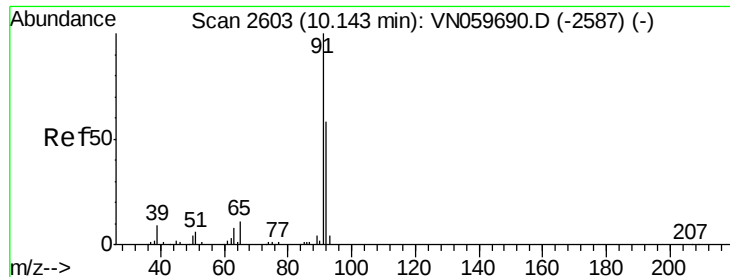
Tot Ion: 98 Resp: 385260
Ion Ratio Lower Upper
98 100
100 64.7 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 1.283 ug/l
RT: 9.97 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VN059995.D
Acq: 4 Feb 2020 15:33

Tgt Ion: 43 Resp: 3366
Ion Ratio Lower Upper
43 100
58 30.4 29.8 44.8





#52

Toluene

Concen: 0.524 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059995.D

Acq: 4 Feb 2020 15:33

Instrument :

MSVOA_N

ClientSampleId :

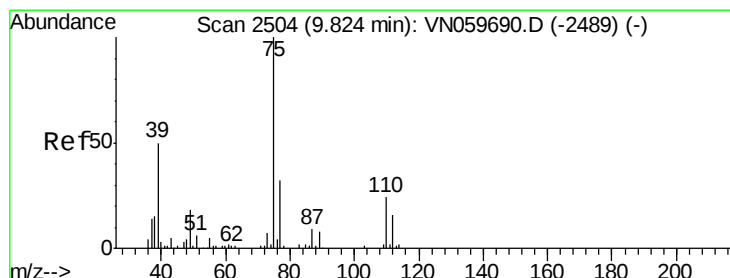
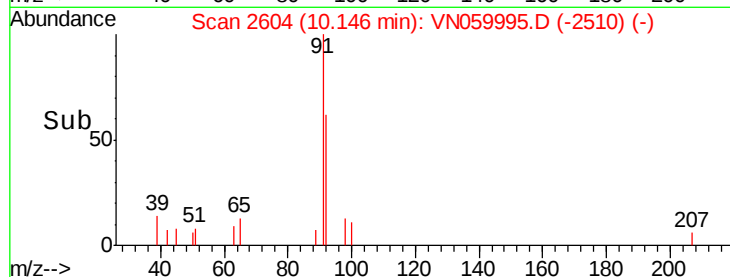
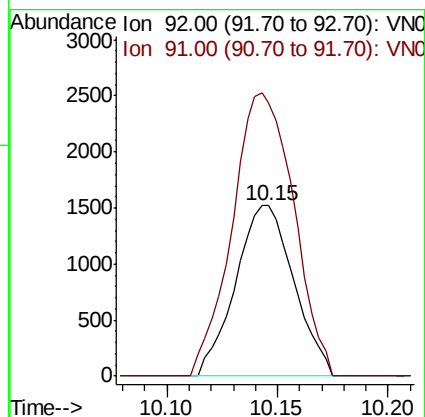
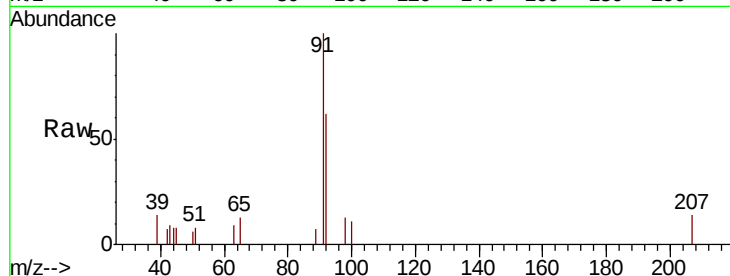
EO-01-020320

Tot Ion: 92 Resp: 2779

Ion Ratio Lower Upper

92 100

91 175.3 140.4 210.6



#54

cis-1,3-Dichloropropene

Concen: 6.256 ug/l

RT: 9.89 min Scan# 2525

Delta R.T. 0.07 min

Lab File: VN059995.D

Acq: 4 Feb 2020 15:33

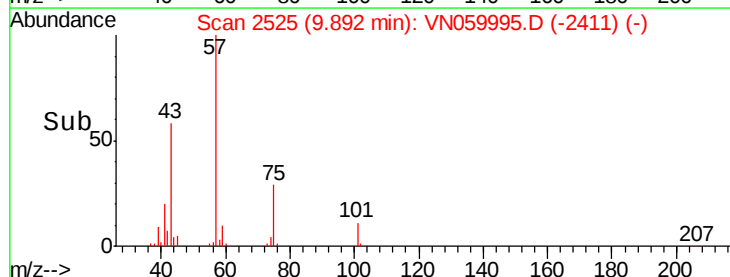
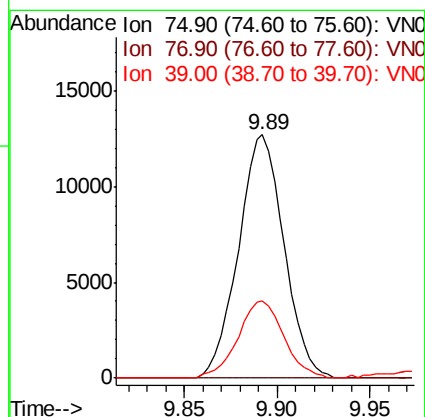
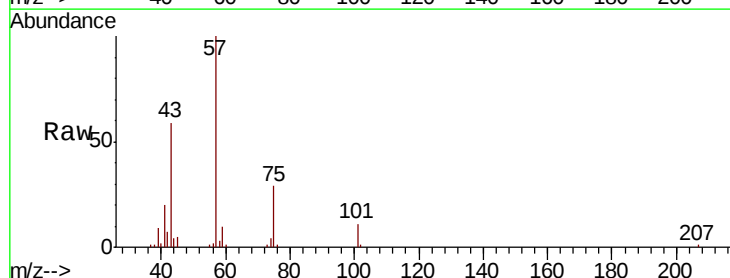
Tgt Ion: 75 Resp: 21698

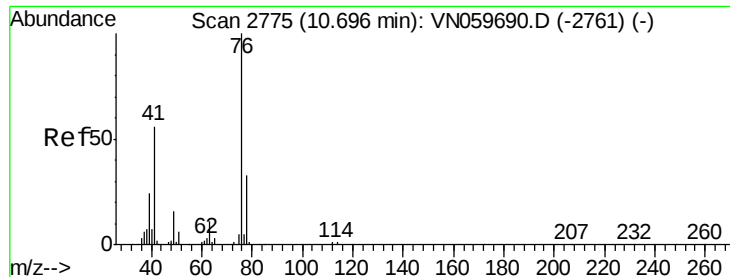
Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#

39 31.6 46.1 69.1#

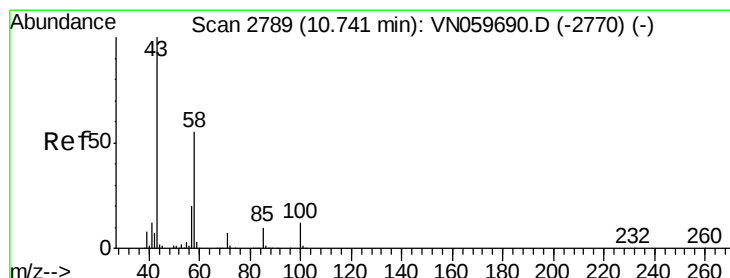
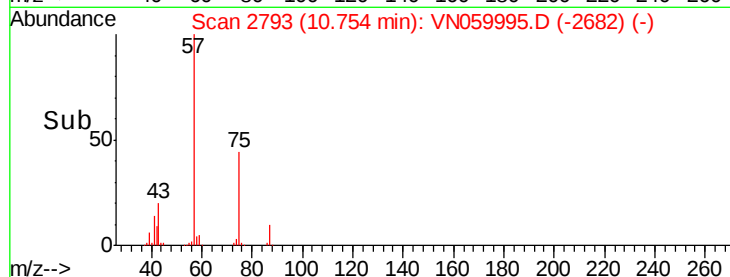
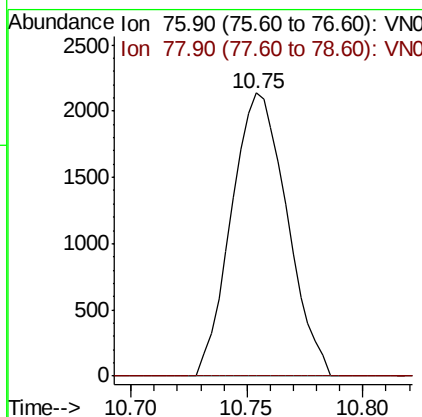
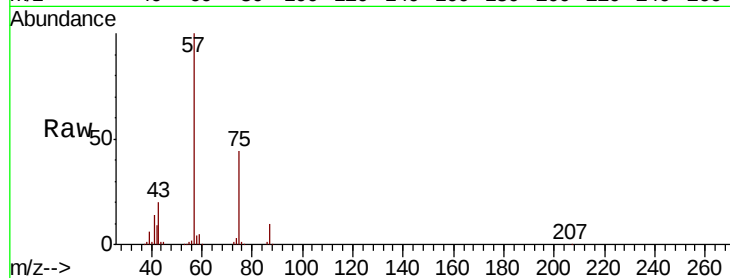




#57
 1,3-Dichloropropane
 Concen: 1.065 ug/l
 RT: 10.75 min Scan# 2793
 Delta R.T. 0.06 min
 Lab File: VN059995.D
 Acq: 4 Feb 2020 15:33

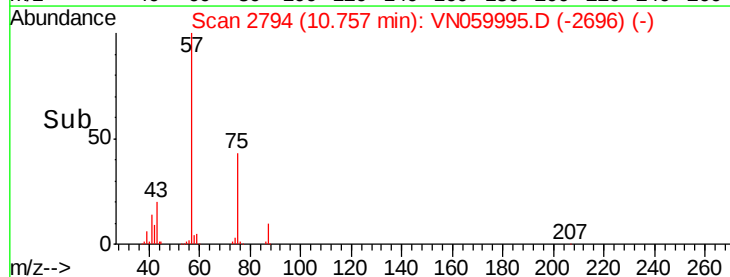
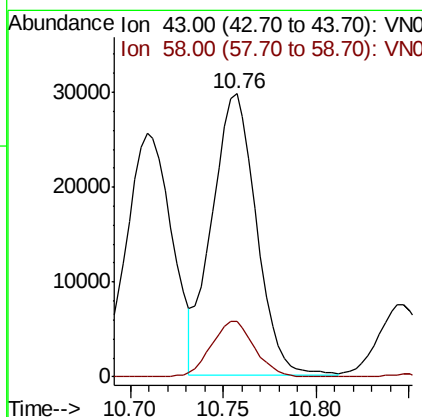
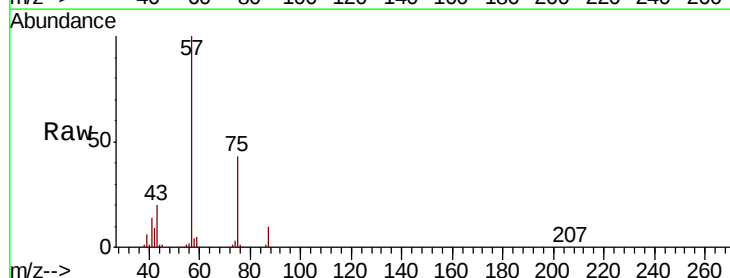
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-020320

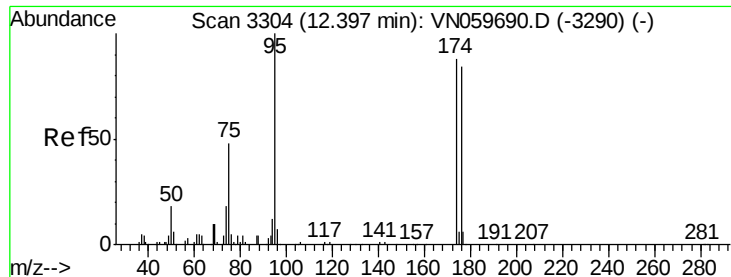
Tot Ion: 76 Resp: 3551
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.8 38.8#



#59
 2-Hexanone
 Concen: 25.392 ug/l
 RT: 10.76 min Scan# 2794
 Delta R.T. 0.02 min
 Lab File: VN059995.D
 Acq: 4 Feb 2020 15:33

Tgt Ion: 43 Resp: 49090
 Ion Ratio Lower Upper
 43 100
 58 19.3 25.8 77.3#





#62

4-Bromofluorobenzene

Concen: 51.972 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059995.D

Acq: 4 Feb 2020 15:33

Instrument :

MSVOA_N

ClientSampled :

EO-01-020320

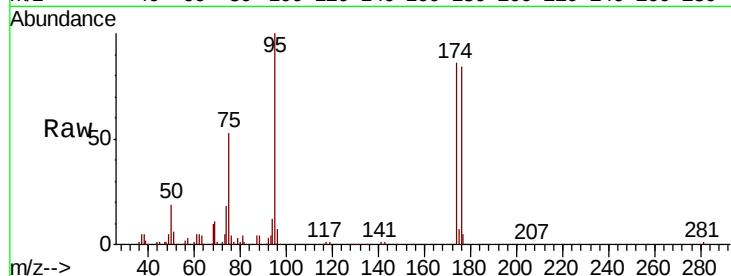
Tot Ion: 95 Resp: 139883

Ion Ratio Lower Upper

95 100

174 86.5 0.0 151.4

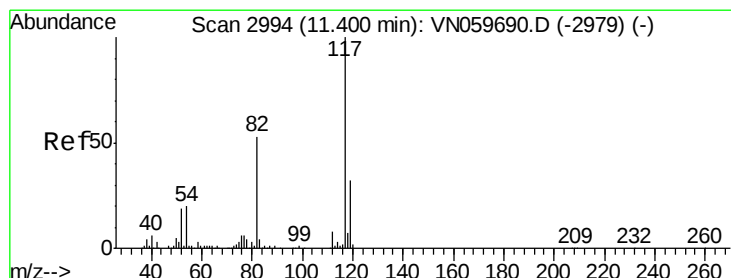
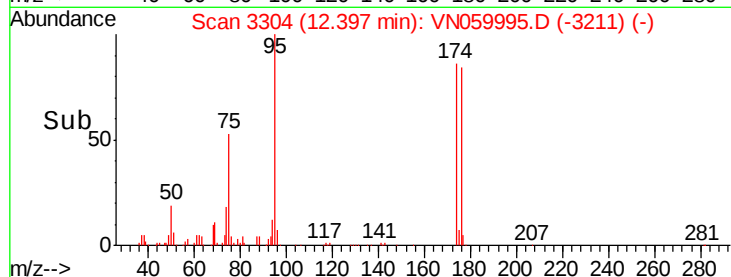
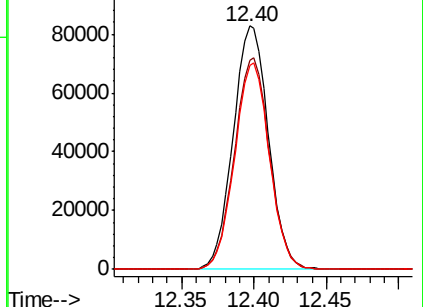
176 83.8 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059995.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN059995.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN059995.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059995.D

Acq: 4 Feb 2020 15:33

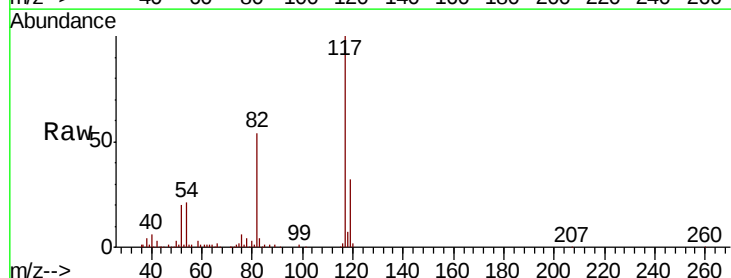
Tgt Ion: 117 Resp: 299606

Ion Ratio Lower Upper

117 100

82 54.2 45.9 68.9

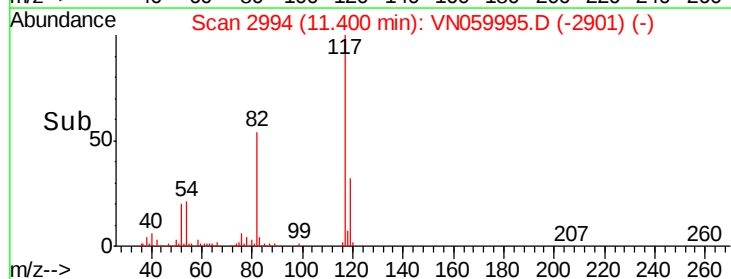
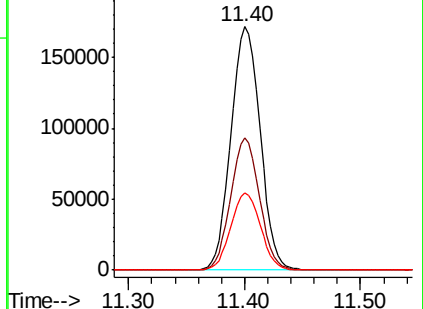
119 31.9 25.5 38.3

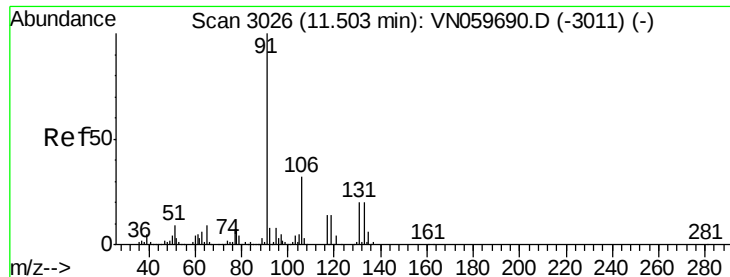


Abundance Ion 116.90 (116.60 to 117.60): VN059995.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN059995.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN059995.D (-2979) (-)

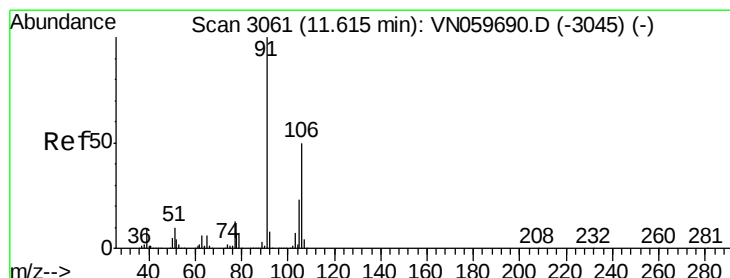
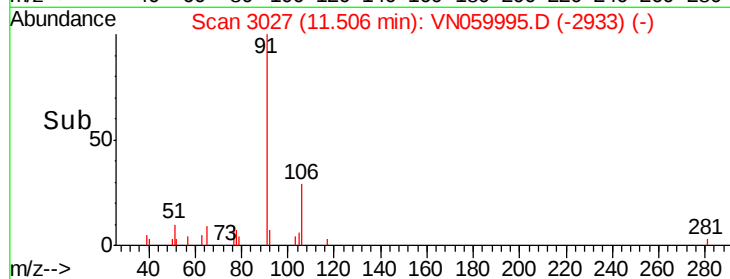
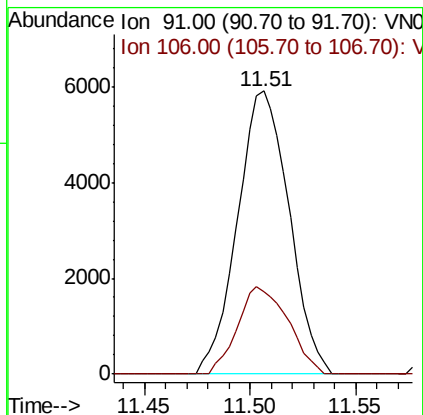
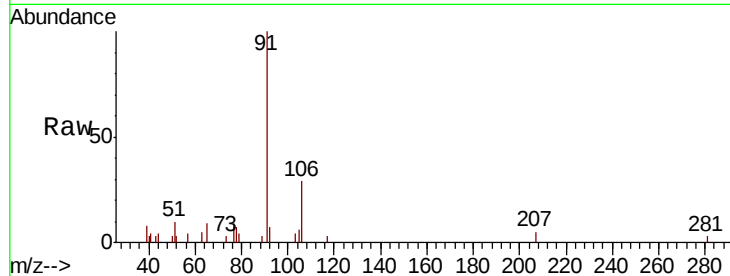




#67
Ethyl Benzene
Concen: 0.938 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN059995.D
Acq: 4 Feb 2020 15:33

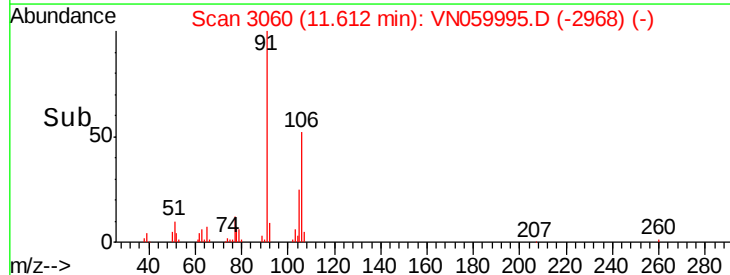
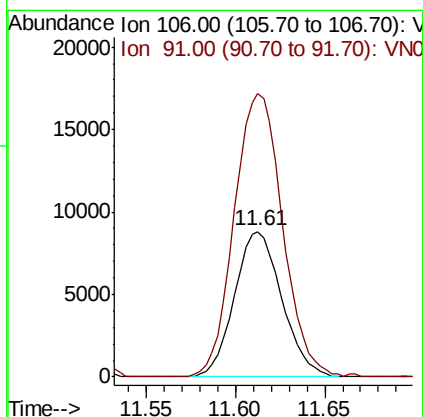
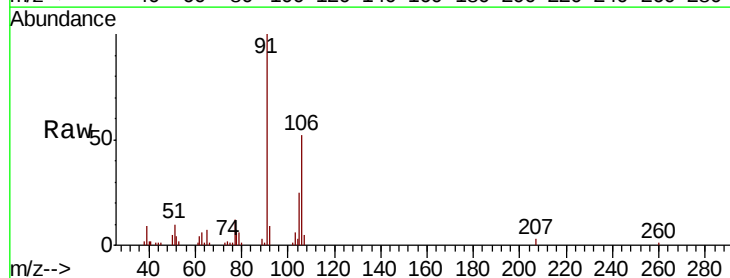
Instrument :
MSVOA_N
ClientSampled :
EO-01-020320

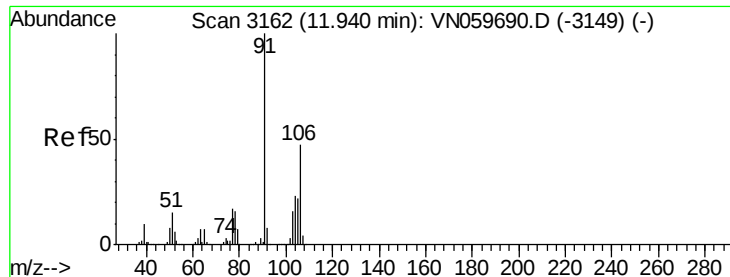
Tot Ion: 91 Resp: 10024
Ion Ratio Lower Upper
91 100
106 29.1 24.1 36.1



#68
m/p-Xylenes
Concen: 4.031 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN059995.D
Acq: 4 Feb 2020 15:33

Tgt Ion: 106 Resp: 16278
Ion Ratio Lower Upper
106 100
91 198.7 167.9 251.9

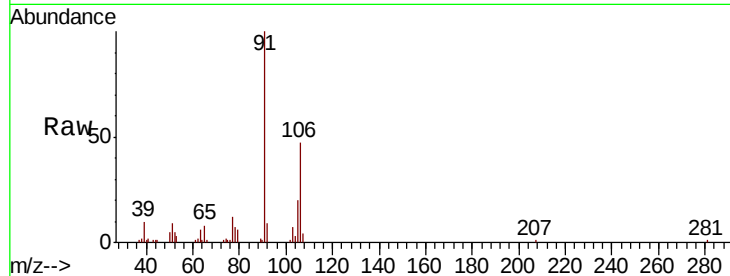




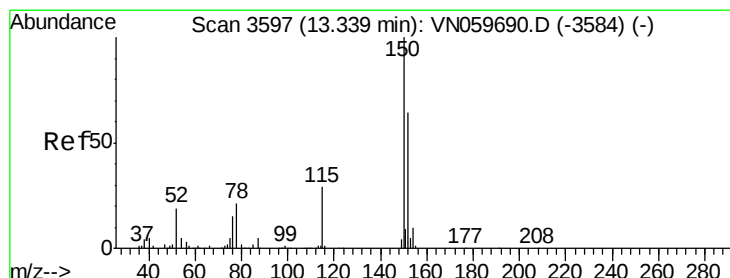
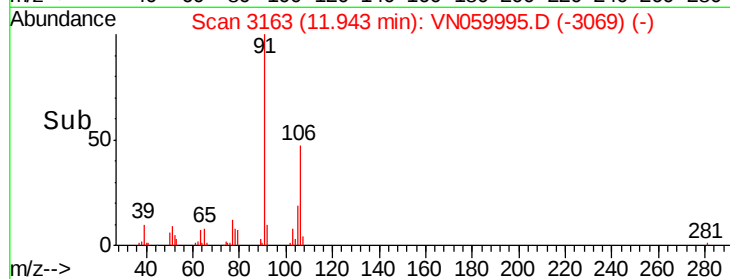
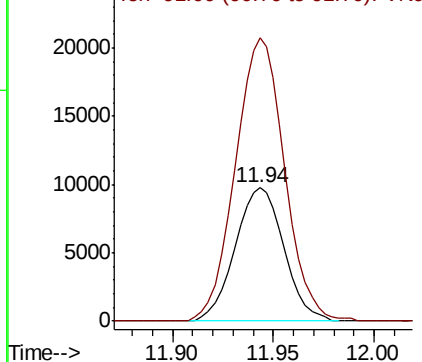
#69
o-Xylene
Concen: 4.163 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN059995.D
Acq: 4 Feb 2020 15:33

Instrument :
MSVOA_N
ClientSampleId :
EO-01-020320

Tot Ion:106 Resp: 16459
Ion Ratio Lower Upper
106 100
91 214.1 110.3 330.9

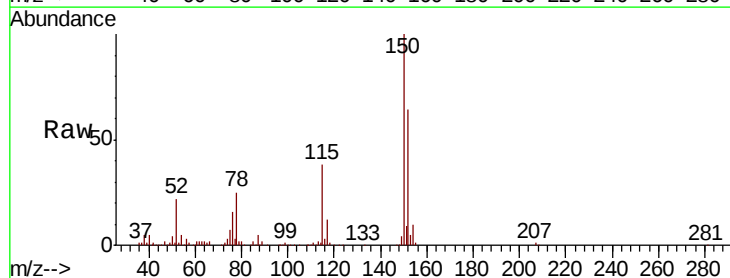


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

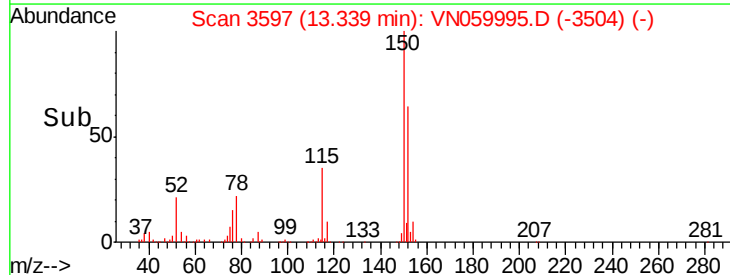
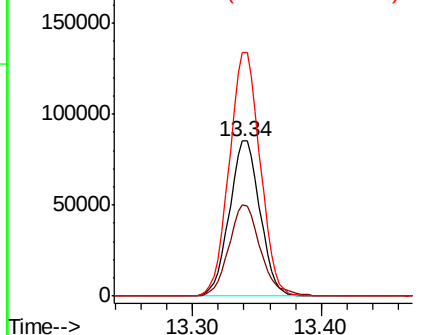


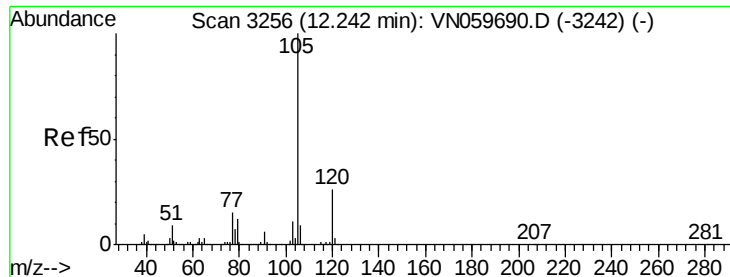
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059995.D
Acq: 4 Feb 2020 15:33

Tgt Ion:152 Resp: 140463
Ion Ratio Lower Upper
152 100
115 61.2 30.3 90.9
150 158.1 0.0 345.2



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: 0.559 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059995.D

Acq: 4 Feb 2020 15:33

Instrument :

MSVOA_N

ClientSampleId :

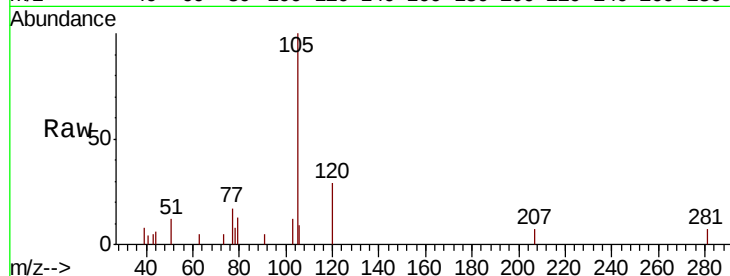
EO-01-020320

Tot Ion: 105 Resp: 5761

Ion Ratio Lower Upper

105 100

120 27.7 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

4000

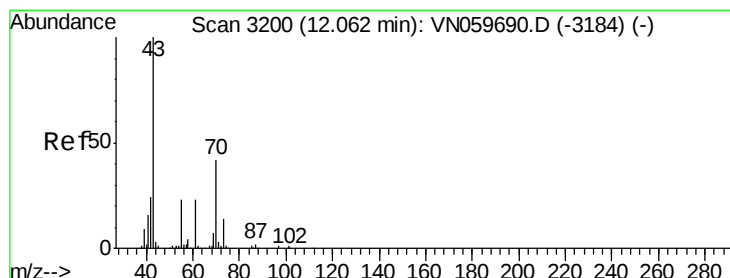
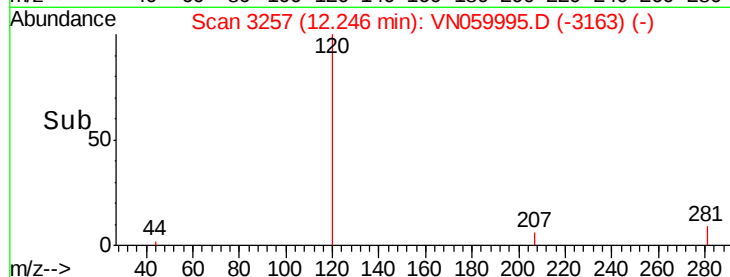
3000

2000

1000

0

Time--> 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 0.617 ug/l

RT: 12.03 min Scan# 3189

Delta R.T. -0.04 min

Lab File: VN059995.D

Acq: 4 Feb 2020 15:33

Tgt Ion: 43 Resp: 2465

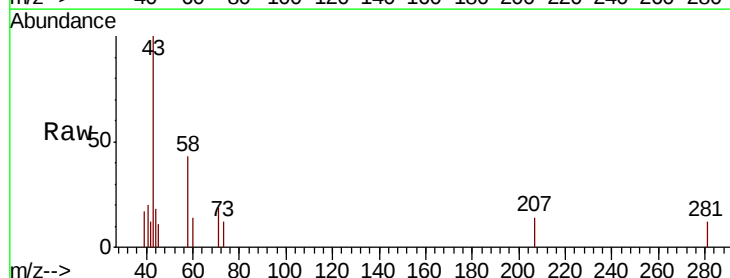
Ion Ratio Lower Upper

43 100

70 0.0 31.3 46.9#

55 0.0 19.8 29.6#

61 0.0 18.3 27.5#



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

2000

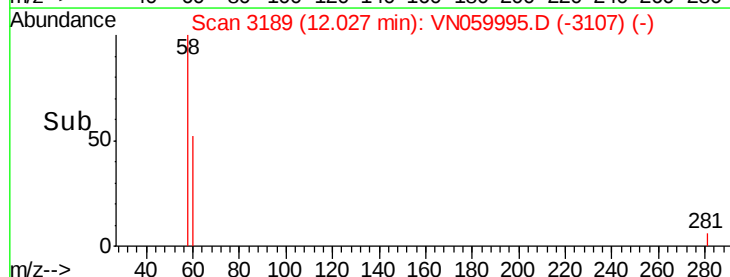
1500

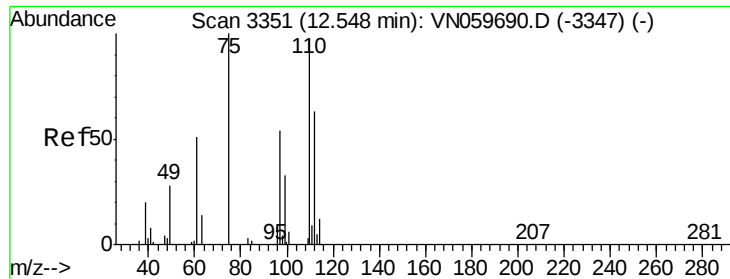
1000

500

0

Time--> 11.95 12.00 12.05 12.10





#76

1,2,3-Trichloropropane

Concen: 30.471 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN059995.D

Acq: 4 Feb 2020 15:33

Instrument :

MSVOA_N

ClientSampleId :

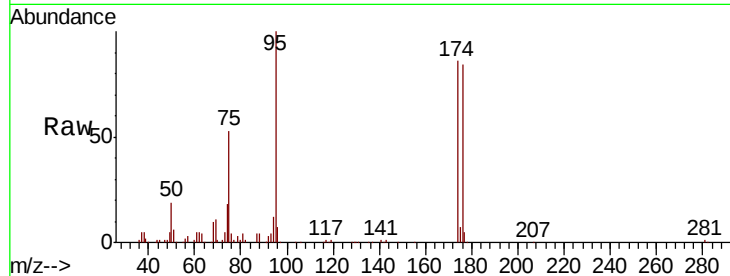
EO-01-020320

Tot Ion: 75 Resp: 72030

Ion Ratio Lower Upper

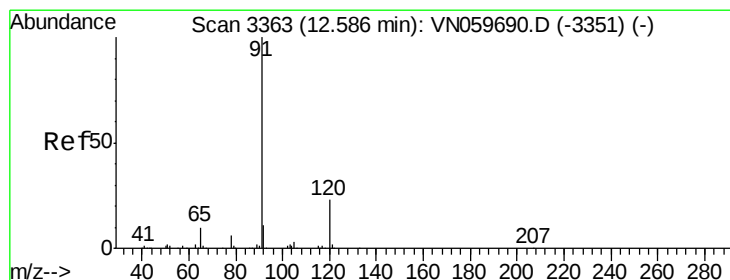
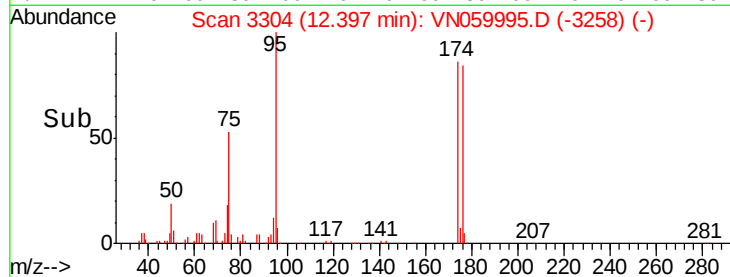
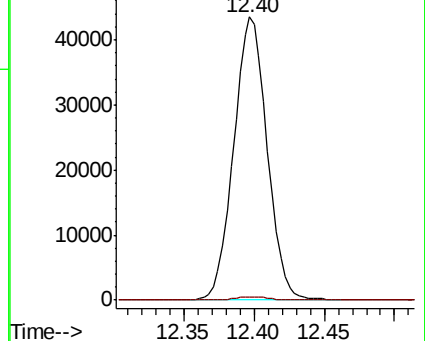
75 100

77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 1.325 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN059995.D

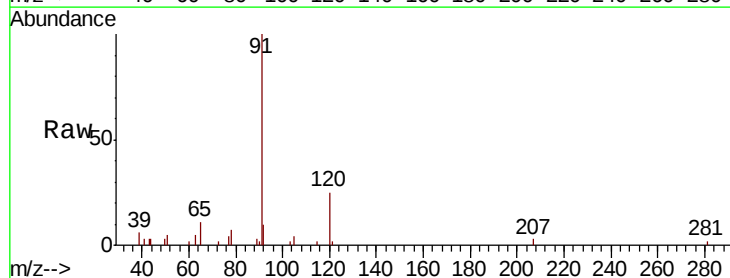
Acq: 4 Feb 2020 15:33

Tgt Ion: 91 Resp: 15325

Ion Ratio Lower Upper

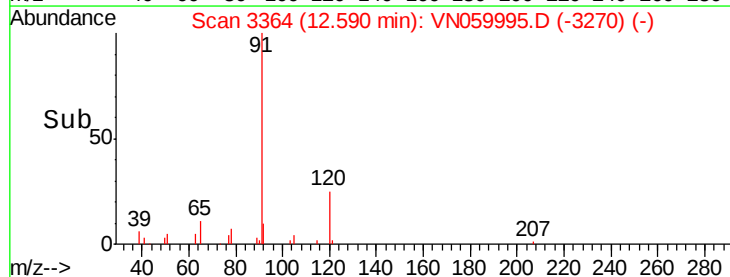
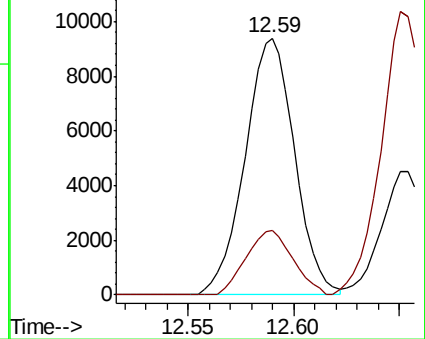
91 100

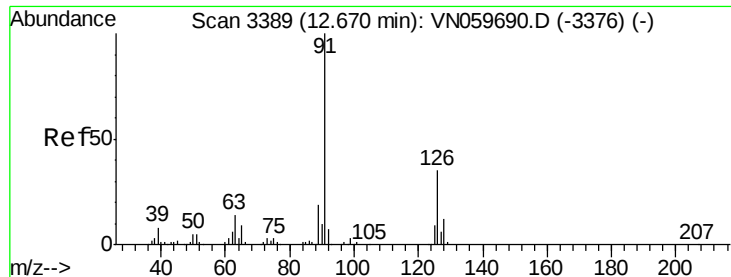
120 23.7 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

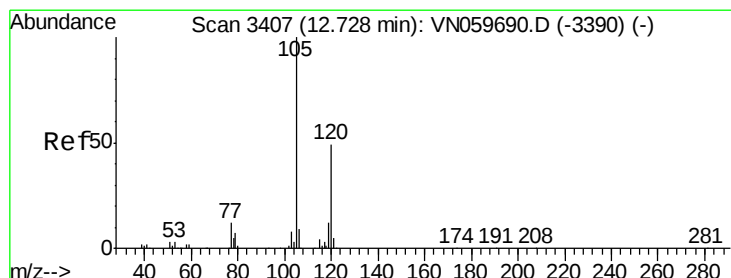
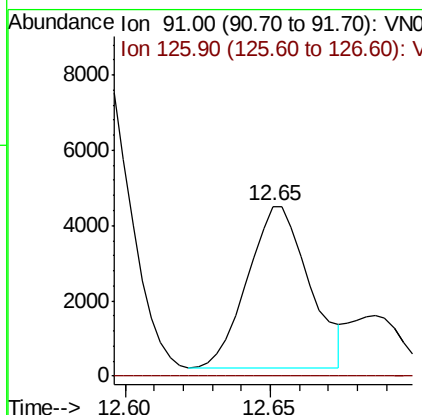
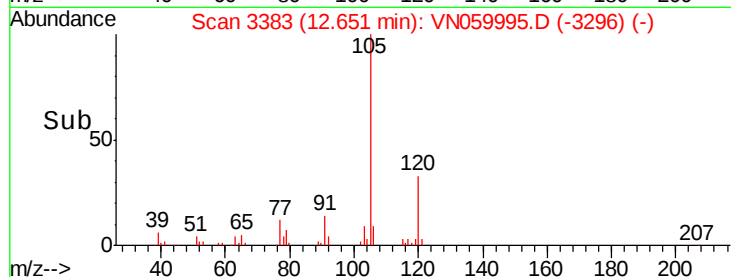
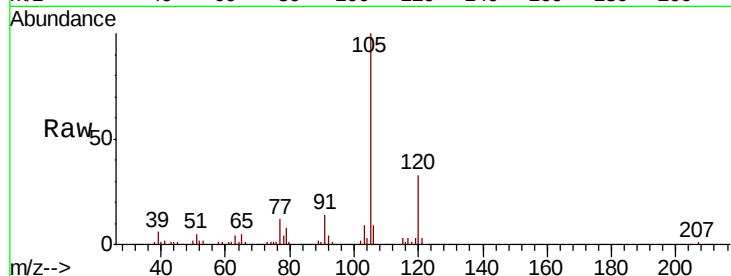




#79
 2-Chlorotoluene
 Concen: 0.929 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. -0.02 min
 Lab File: VN059995.D
 Acq: 4 Feb 2020 15:33

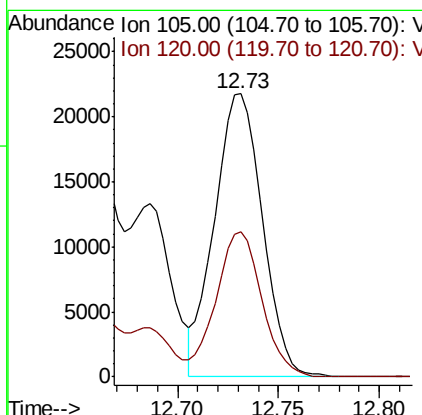
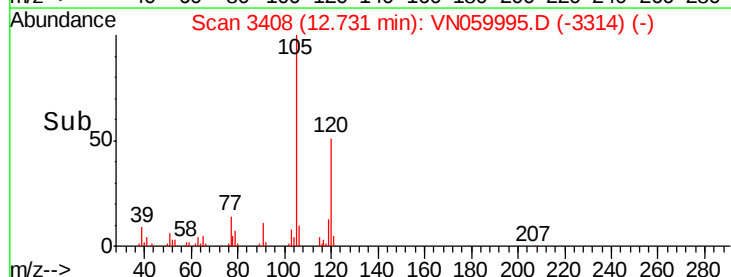
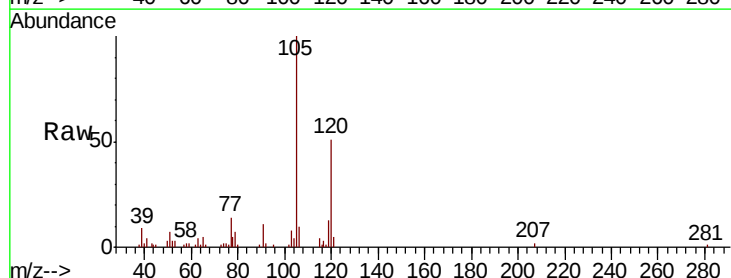
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-020320

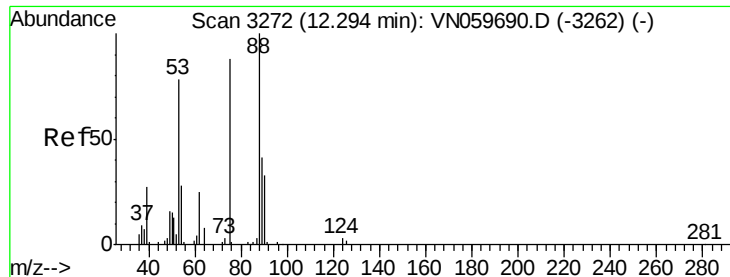
Tot Ion: 91 Resp: 6388
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.3 48.9#



#80
 1,3,5-Trimethylbenzene
 Concen: 4.164 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN059995.D
 Acq: 4 Feb 2020 15:33

Tgt Ion: 105 Resp: 36076
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.1 72.4

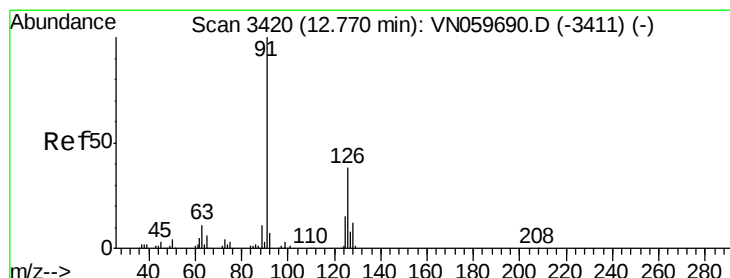
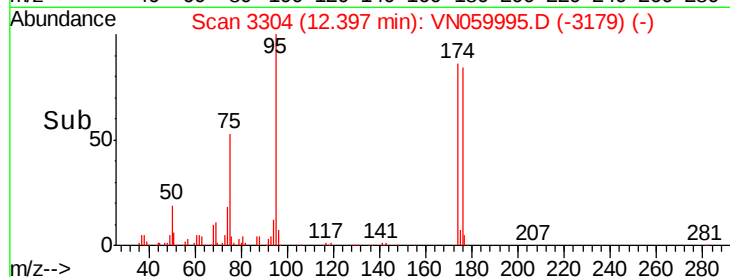
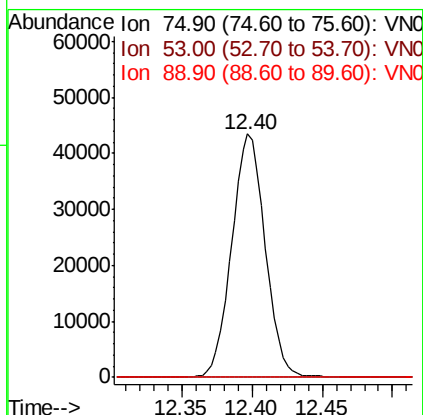
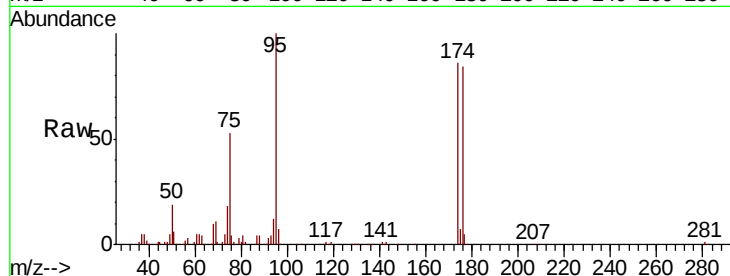




#81
trans-1,4-Dichloro-2-butene
Concen: 65.438 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.10 min
Lab File: VN059995.D
Acq: 4 Feb 2020 15:33

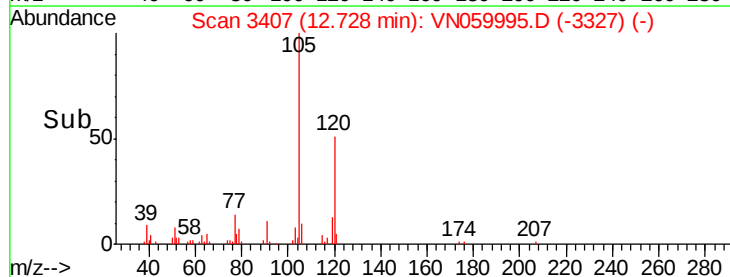
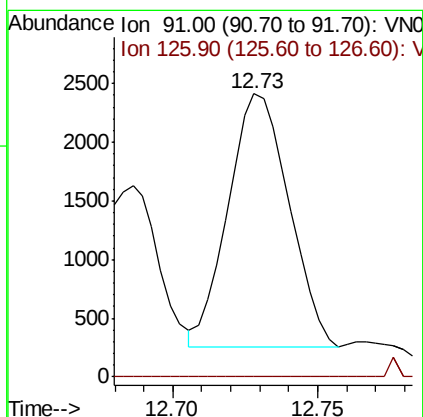
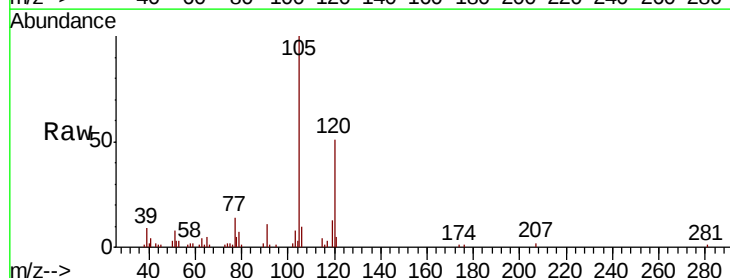
Instrument :
MSVOA_N
ClientSampleId :
EO-01-020320

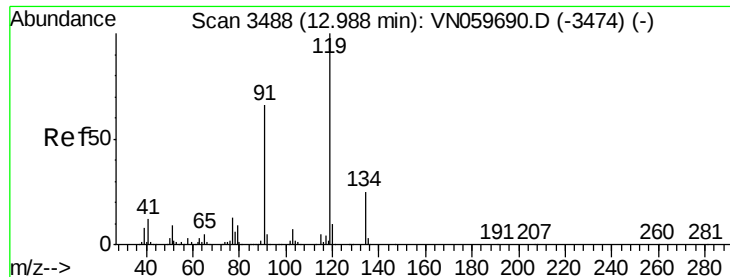
Tot Ion: 75 Resp: 72030
Ion Ratio Lower Upper
75 100
53 0.0 78.1 117.1#
89 0.0 35.4 53.2#



#82
4-Chlorotoluene
Concen: 0.456 ug/l
RT: 12.73 min Scan# 3407
Delta R.T. -0.04 min
Lab File: VN059995.D
Acq: 4 Feb 2020 15:33

Tgt Ion: 91 Resp: 3144
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#





#83

tert-Butylbenzene

Concen: 2.150 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.05 min

Lab File: VN059995.D

Acq: 4 Feb 2020 15:33

Instrument :

MSVOA_N

ClientSampleId :

EO-01-020320

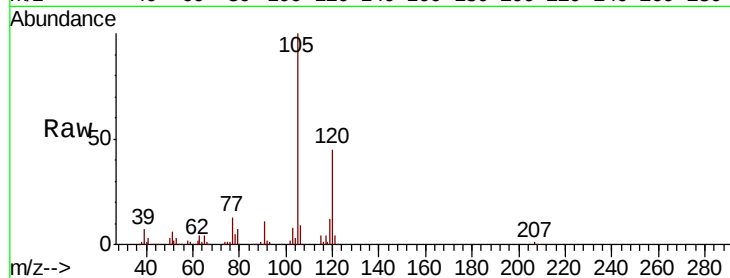
Tot Ion:119 Resp: 16109

Ion Ratio Lower Upper

119 100

91 88.8 34.8 104.4

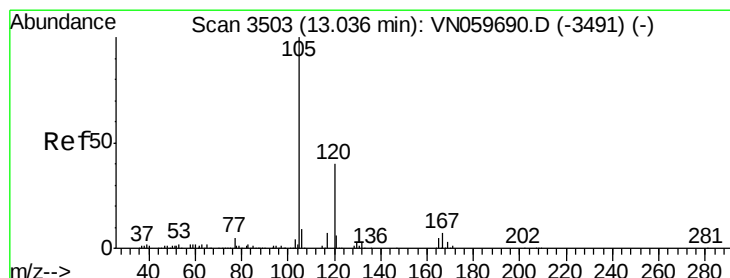
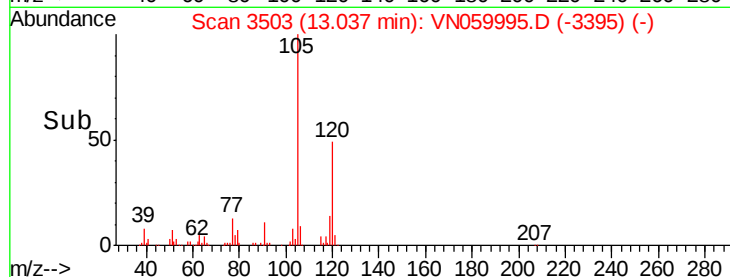
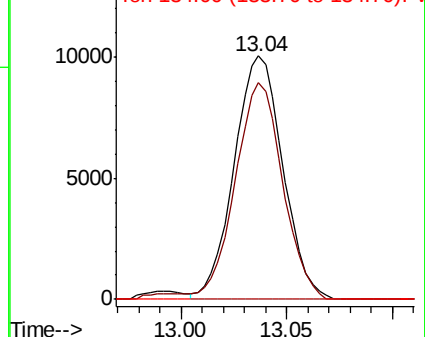
134 0.0 12.3 36.9#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 15.383 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN059995.D

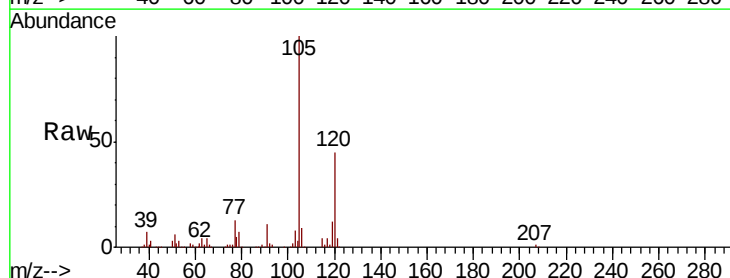
Acq: 4 Feb 2020 15:33

Tgt Ion:105 Resp: 131848

Ion Ratio Lower Upper

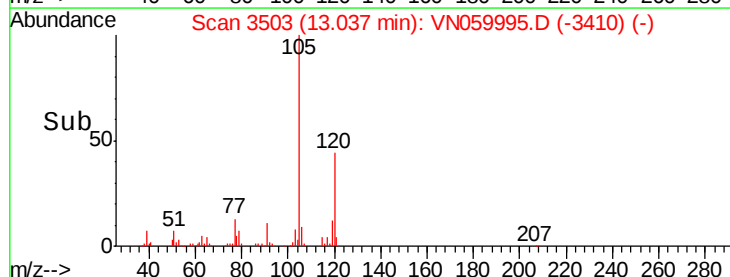
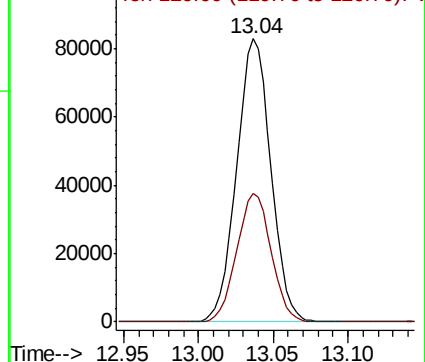
105 100

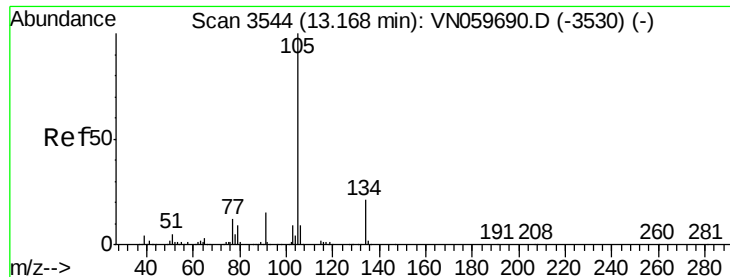
120 45.5 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 0.550 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN059995.D

Acq: 4 Feb 2020 15:33

Instrument :

MSVOA_N

ClientSampleId :

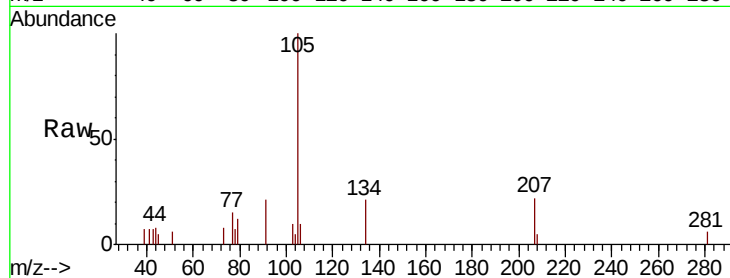
EO-01-020320

Tot Ion:105 Resp: 5414

Ion Ratio Lower Upper

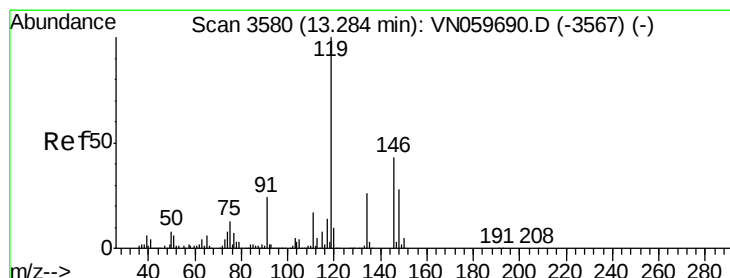
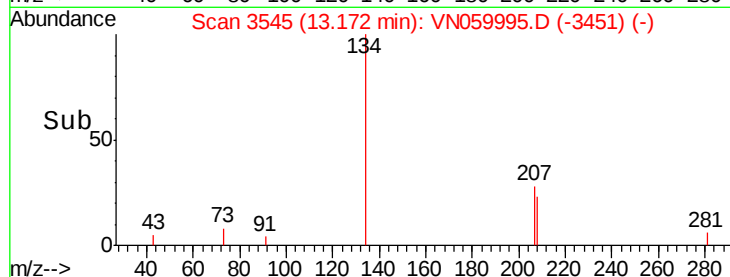
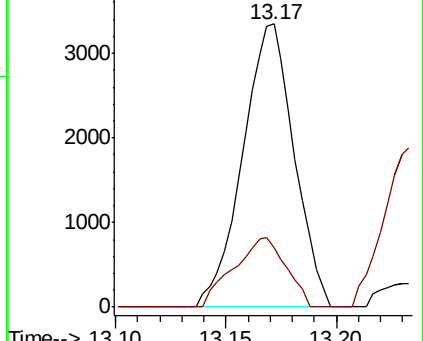
105 100

134 25.0 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.569 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN059995.D

Acq: 4 Feb 2020 15:33

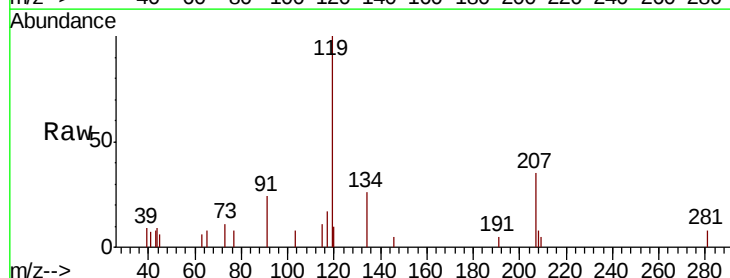
Tgt Ion:119 Resp: 5186

Ion Ratio Lower Upper

119 100

134 23.9 12.9 38.7

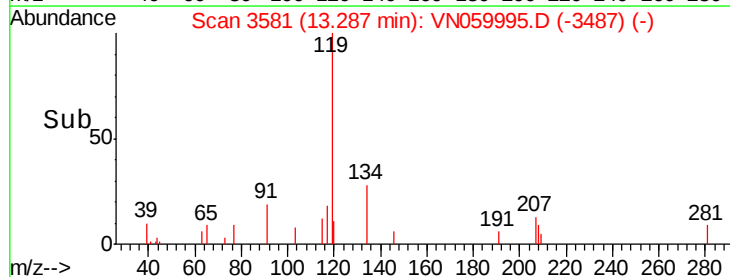
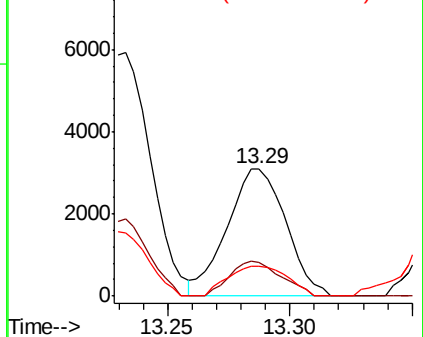
91 23.8 12.4 37.4

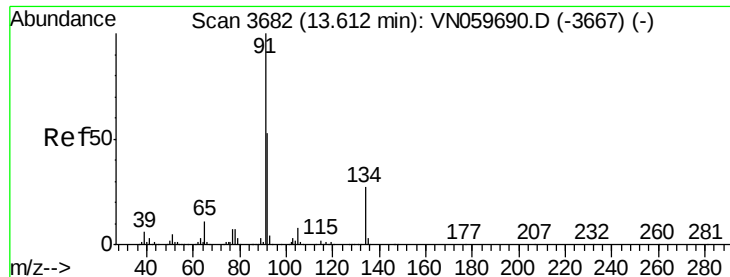


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 0.573 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN059995.D

Acq: 4 Feb 2020 15:33

Instrument :

MSVOA_N

ClientSampleId :

EO-01-020320

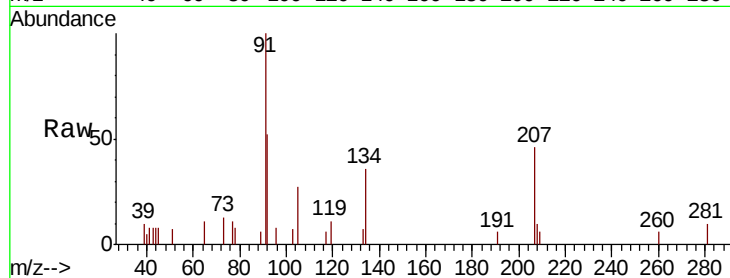
Tot Ion: 91 Resp: 4451

Ion Ratio Lower Upper

91 100

92 64.7 25.9 77.7

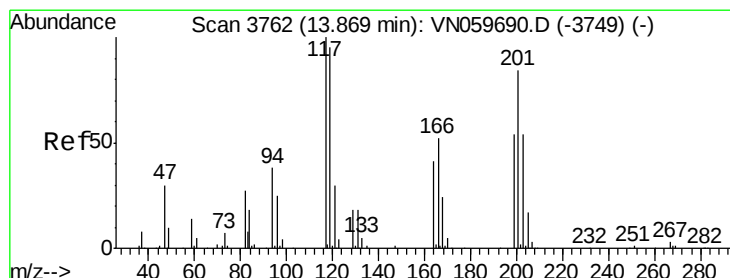
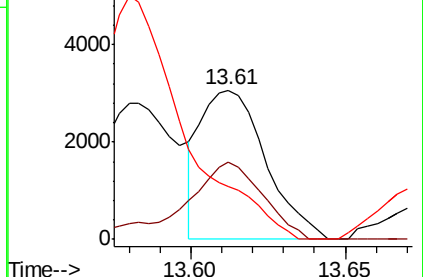
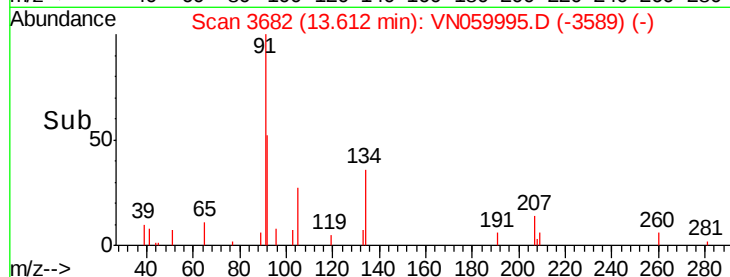
134 0.0 12.3 36.8#



Abundance Ion 91.00 (90.70 to 91.70): VN059995.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN059995.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN059995.D (-3667) (-)



#90

Hexachloroethane

Concen: 1.397 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.02 min

Lab File: VN059995.D

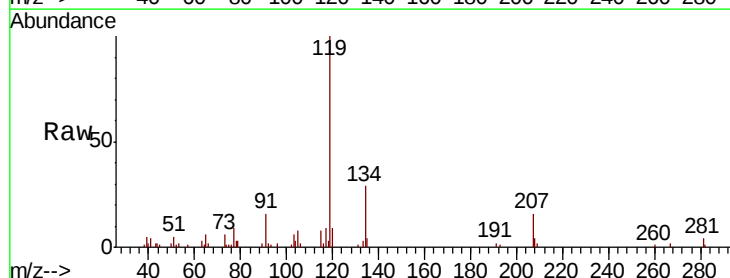
Acq: 4 Feb 2020 15:33

Tgt Ion: 117 Resp: 2381

Ion Ratio Lower Upper

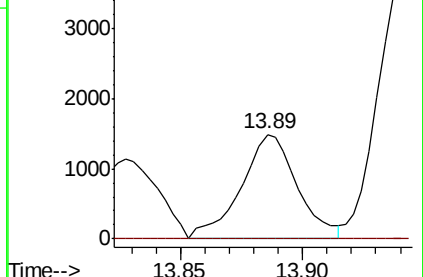
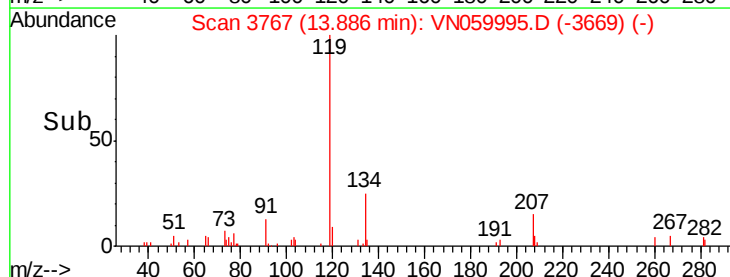
117 100

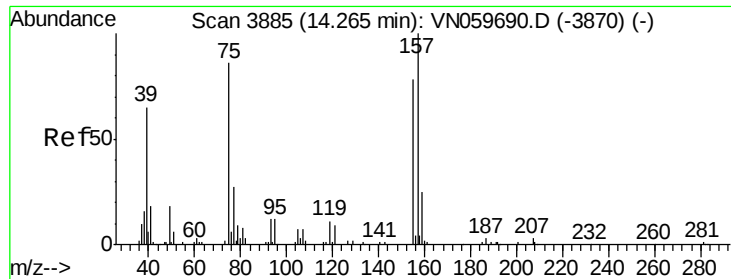
201 0.0 37.8 113.4#



Abundance Ion 116.80 (116.50 to 117.50): VN059995.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN059995.D (-3749) (-)





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.28 min Scan# 3889

Delta R.T. 0.01 min

Lab File: VN059995.D

Acq: 4 Feb 2020 15:33

Instrument :

MSVOA_N

ClientSampleId :

EO-01-020320

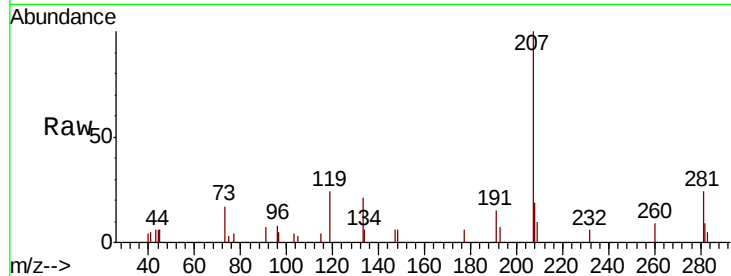
Tot Ion: 75 Resp: 29

Ion Ratio Lower Upper

75 100

155 0.0 37.0 110.9#

157 0.0 48.4 145.2#



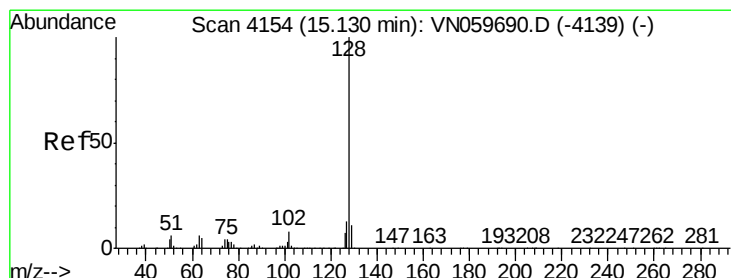
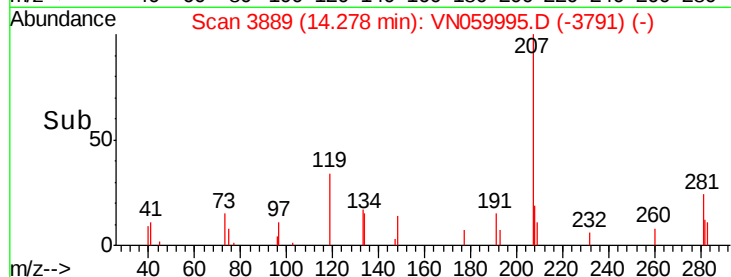
Abundance Ion 74.90 (74.60 to 75.60): VN059995.D (-3870) (-)

Ion 154.80 (154.50 to 155.50): VN059995.D (-3870) (-)

Ion 156.80 (156.50 to 157.50): VN059995.D (-3870) (-)

14.28

Time-->



#95

Naphthalene

Concen: 2.506 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059995.D

Acq: 4 Feb 2020 15:33

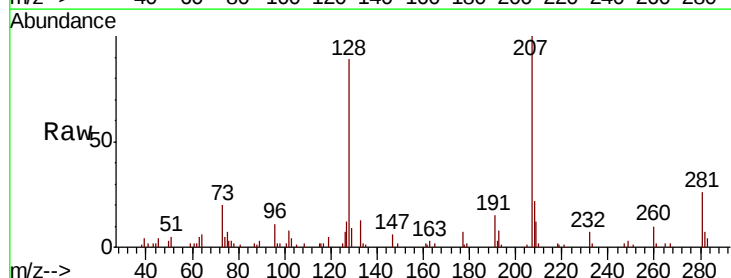
Tgt Ion: 128 Resp: 19187

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.4 8.6 12.8



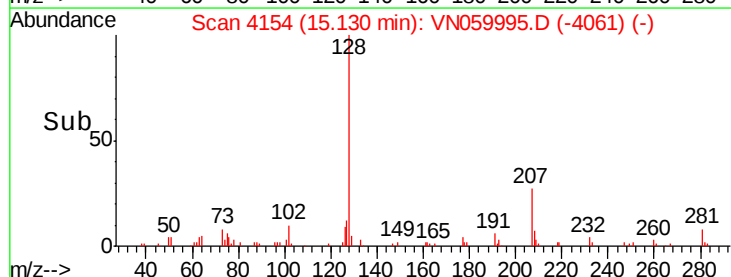
Abundance Ion 128.00 (127.70 to 128.70): VN059690.D (-4139) (-)

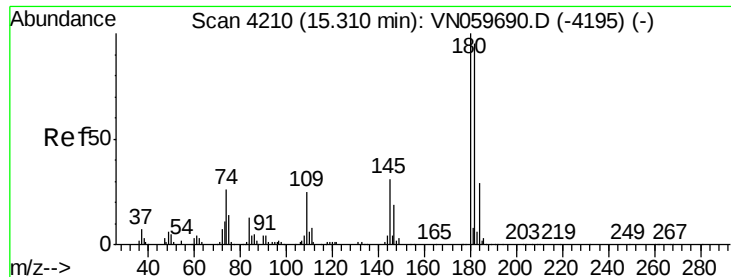
Ion 127.00 (126.70 to 127.70): VN059690.D (-4139) (-)

Ion 129.00 (128.70 to 129.70): VN059690.D (-4139) (-)

15.13

Time-->





#96
 1,2,3-Trichlorobenzene
 Concen: 0.215 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. 0.00 min
 Lab File: VN059995.D
 Acq: 4 Feb 2020 15:33

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-020320

Tot Ion	Ratio	Lower	Upper
180	100		
182	47.6	47.4	142.3
145	0.0	16.3	48.9

