

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN080819\
 Data File : VN057128.D
 Acq On : 8 Aug 2019 13:34
 Operator : JC/SP
 Sample : K4092-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-080719-A

Quant Time: Aug 09 03:14:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:49:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1497497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	2104528	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.90	117	1771868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.87	152	487126	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	690635	44.84	ug/l	0.00
Spiked Amount			Recovery	=	89.68%	
35) Dibromofluoromethane	6.99	113	630225	47.72	ug/l	0.00
Spiked Amount			Recovery	=	95.44%	
50) Toluene-d8	9.56	98	2467592	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	
62) 4-Bromofluorobenzene	11.92	95	668947	41.09	ug/l	0.00
Spiked Amount			Recovery	=	82.18%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.15	74	3504	0.424	ug/l	93
11) Tert butyl alcohol	4.24	59	5684	2.594	ug/l #	76
13) Acrolein	3.32	56	371	0.268	ug/l #	46
16) Acetone	3.48	43	59635	12.822	ug/l	99
18) Methyl Acetate	3.90	43	17569	0.619	ug/l #	77
20) Methylene Chloride	4.10	84	176252	11.482	ug/l	97
25) 2-Butanone	6.23	43	6354	0.894	ug/l	93
29) Tetrahydrofuran	6.61	42	1535	0.321	ug/l #	38
31) Cyclohexane	7.05	56	22213	0.994	ug/l #	1
36) 1,1-Dichloropropene	7.05	75	91646	5.289	ug/l #	48
38) Carbon Tetrachloride	7.05	117	124412	6.889	ug/l #	17
39) Methylcyclohexane	8.52	83	5244	0.249	ug/l #	81
43) Isopropyl Acetate	7.56	43	76382	3.134	ug/l #	82
48) Methyl methacrylate	8.62	41	23804	2.071	ug/l #	10
49) 1,4-Dioxane	8.65	88	65	0.278	ug/l #	27
51) 4-Methyl-2-Pentanone	9.44	43	10185	0.718	ug/l	94
54) cis-1,3-Dichloropropene	9.36	75	162236	7.680	ug/l #	60
57) 1,3-Dichloropropane	10.25	76	35235	1.596	ug/l #	44
59) 2-Hexanone	10.25	43	431693	44.962	ug/l #	49
67) Ethyl Benzene	11.01	91	49042	0.799	ug/l	93
68) m/p-Xylenes	11.12	106	81678	3.613	ug/l	100
69) o-Xylene	11.46	106	31732	1.410	ug/l	99
71) Bromoform	11.92	173	5029	0.515	ug/l #	1
73) Isopropylbenzene	11.77	105	6472	Below Cal		94
74) N-amyl acetate	11.39	43	38341	3.106	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	11.98	83	100	Below Cal	#	25
76) 1,2,3-Trichloropropane	11.92	75	304741	30.921	ug/l #	100
78) n-propylbenzene	12.11	91	17039	0.365	ug/l	96
79) 2-Chlorotoluene	12.18	91	8504	Below Cal	#	42
80) 1,3,5-Trimethylbenzene	12.26	105	69327	1.843	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.92	75	304741	91.983	ug/l #	14
83) tert-Butylbenzene	12.77	119	6755	Below Cal		71
84) 1,2,4-Trimethylbenzene	12.57	105	230166	6.332	ug/l	99
85) sec-Butylbenzene	12.57	105	230166	5.423	ug/l #	56

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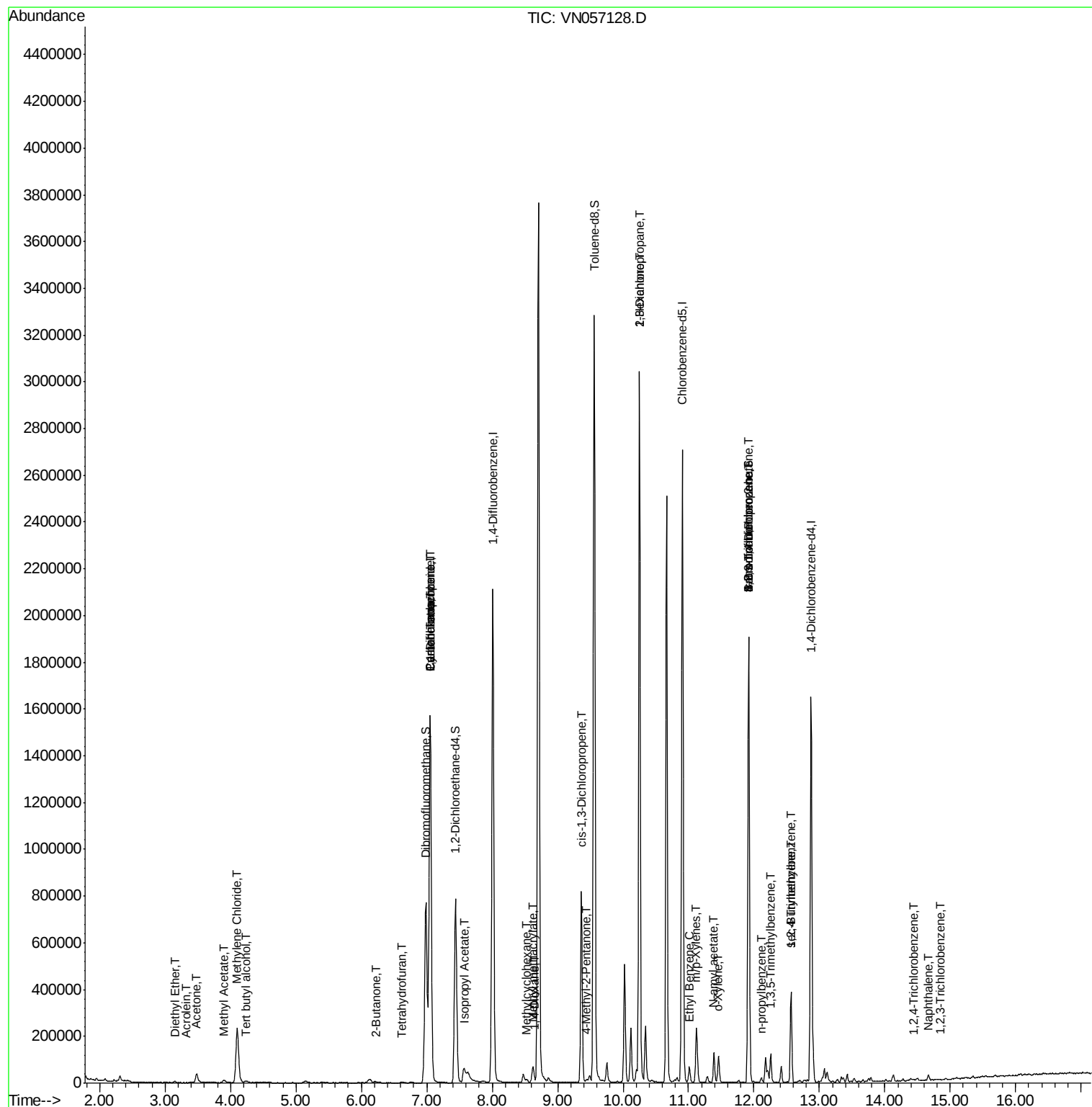
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.42	117	1663	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.44	180	972	6.052 ug/l		94
94) Hexachlorobutadiene	14.55	225	513	Below Cal	#	55
95) Naphthalene	14.66	128	19726	4.368 ug/l	#	95
96) 1,2,3-Trichlorobenzene	14.84	180	1025	5.845 ug/l		74

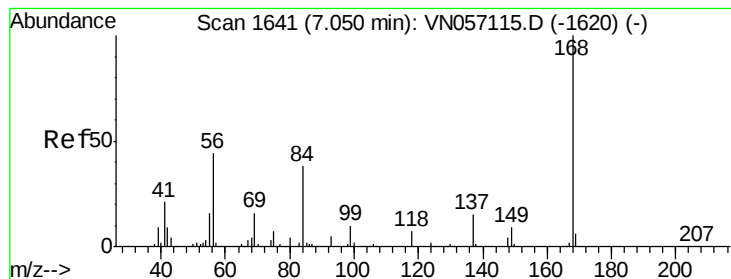
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. 0.00 min

Lab File: VN057128.D

Acq: 8 Aug 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

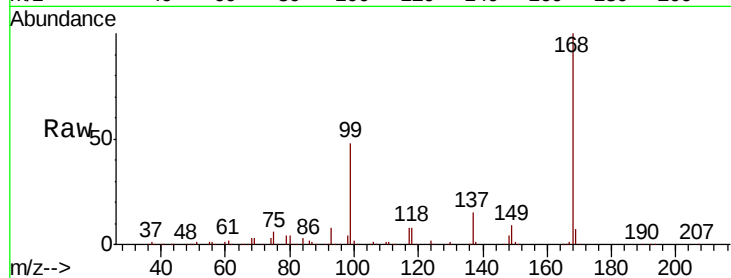
EO-01-080719-A

Tgt Ion:168 Resp: 1497497

Ion Ratio Lower Upper

168 100

99 48.1 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): VN057115.D (-1620) (-)

Ion 98.90 (98.60 to 99.60): VN057115.D (-1620) (-)

7.05

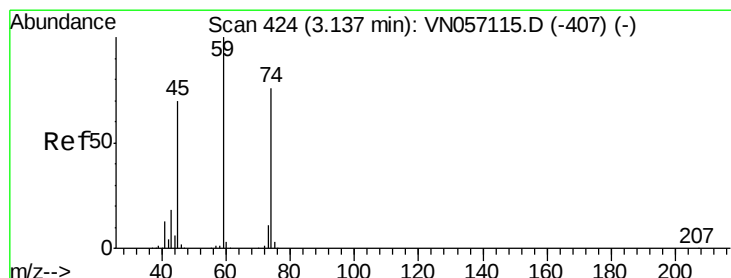
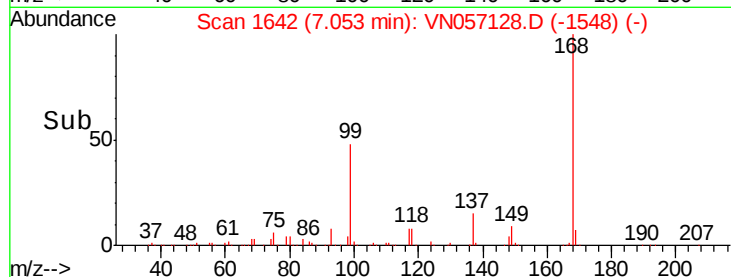
600000

400000

200000

0

Time--> 6.90 7.00 7.10 7.20



#8

Diethyl Ether

Concen: 0.424 ug/l

RT: 3.15 min Scan# 427

Delta R.T. 0.01 min

Lab File: VN057128.D

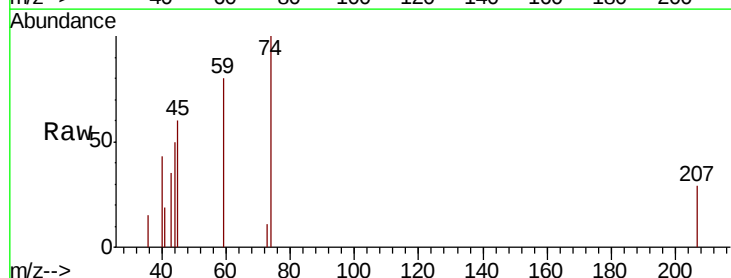
Acq: 8 Aug 2019 13:34

Tgt Ion: 74 Resp: 3504

Ion Ratio Lower Upper

74 100

45 86.0 46.3 138.8



Abundance Ion 74.00 (73.70 to 74.70): VN057115.D (-407) (-)

Ion 45.00 (44.70 to 45.70): VN057115.D (-407) (-)

3.15

2000

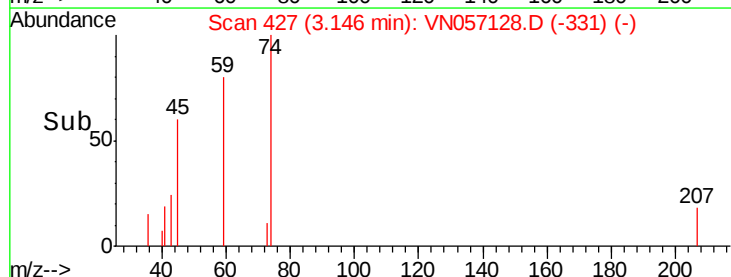
1500

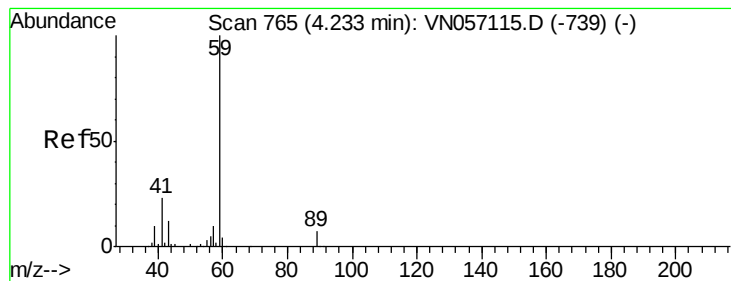
1000

500

0

Time--> 3.10 3.15 3.20



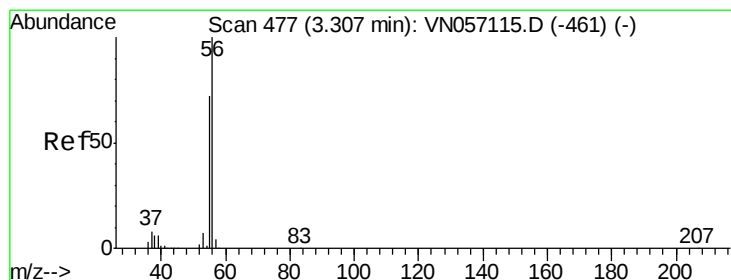
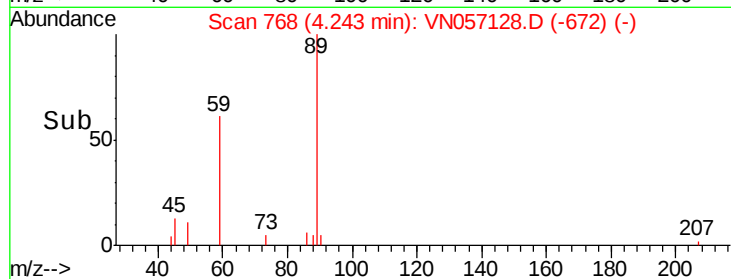
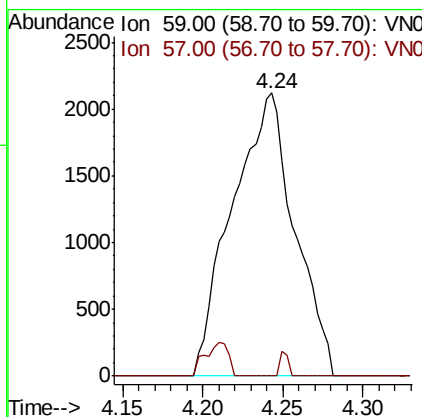
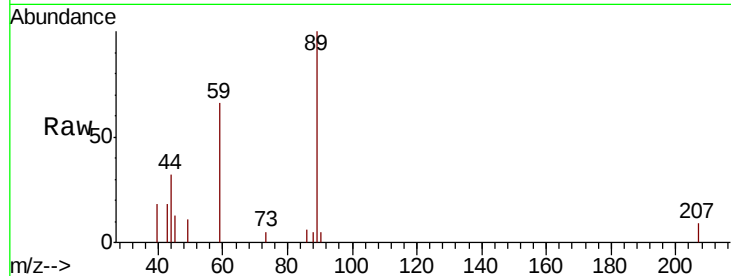


#11

Tert butyl alcohol
 Concen: 2.594 ug/l
 RT: 4.24 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: VN057128.D
 Acq: 8 Aug 2019 13:34

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-080719-A

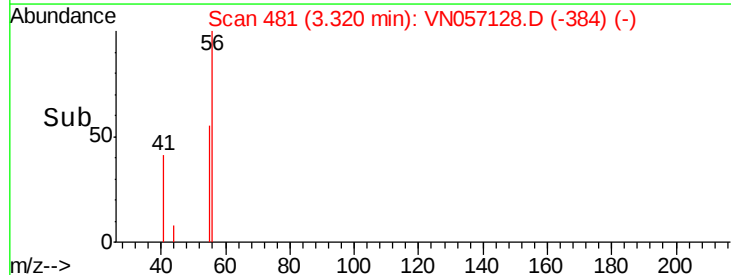
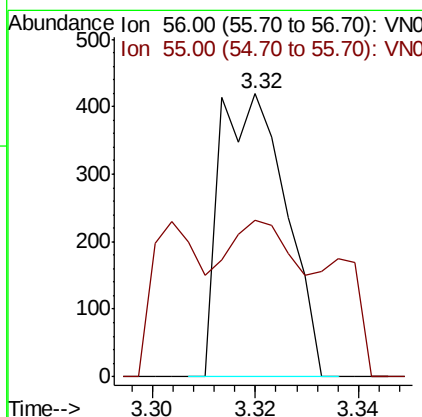
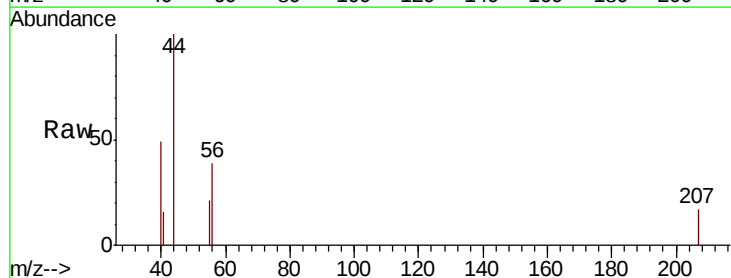
Tgt Ion: 59 Resp: 5684
 Ion Ratio Lower Upper
 59 100
 57 1.1 7.9 11.9#

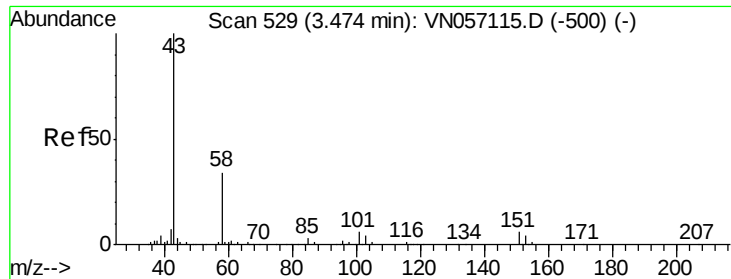


#13

Acrolein
 Concen: 0.268 ug/l
 RT: 3.32 min Scan# 481
 Delta R.T. 0.01 min
 Lab File: VN057128.D
 Acq: 8 Aug 2019 13:34

Tgt Ion: 56 Resp: 371
 Ion Ratio Lower Upper
 56 100
 55 27.0 57.7 86.5#





#16

Acetone

Concen: 12.822 ug/l

RT: 3.48 min Scan# 530

Delta R.T. 0.00 min

Lab File: VN057128.D

Acq: 8 Aug 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

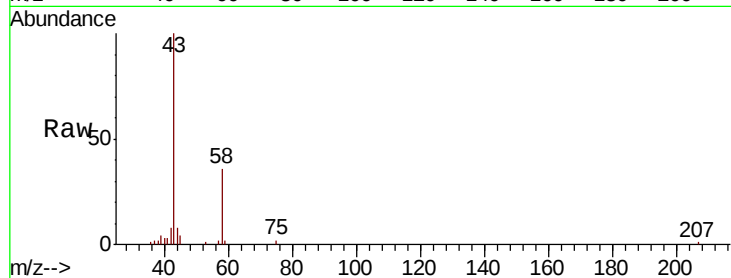
EO-01-080719-A

Tgt Ion: 43 Resp: 59635

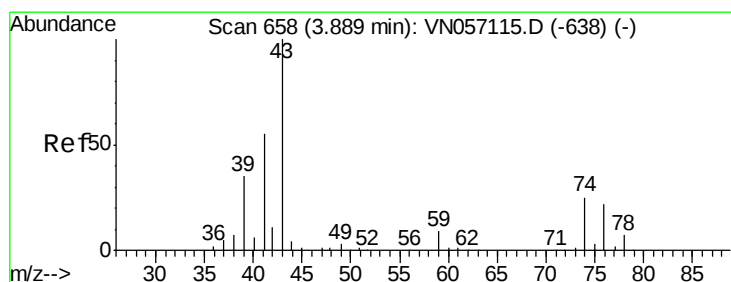
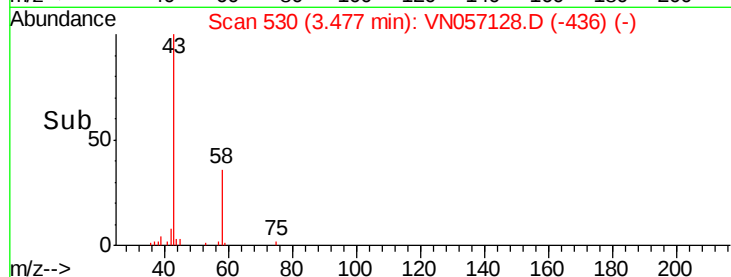
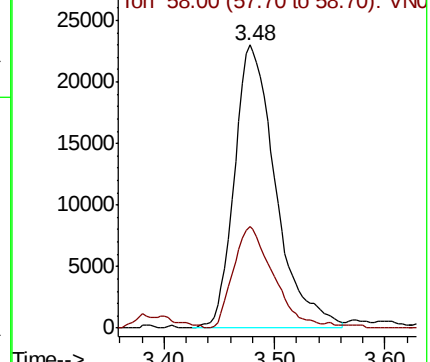
Ion Ratio Lower Upper

43 100

58 34.6 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VN057128.D (-530) (-)



#18

Methyl Acetate

Concen: 0.619 ug/l

RT: 3.90 min Scan# 662

Delta R.T. 0.01 min

Lab File: VN057128.D

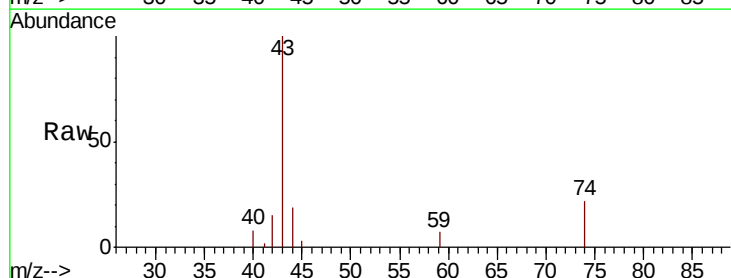
Acq: 8 Aug 2019 13:34

Tgt Ion: 43 Resp: 17569

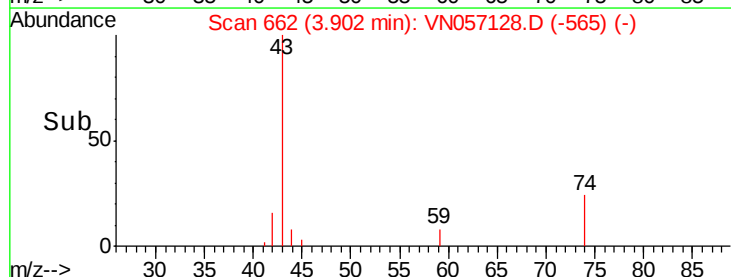
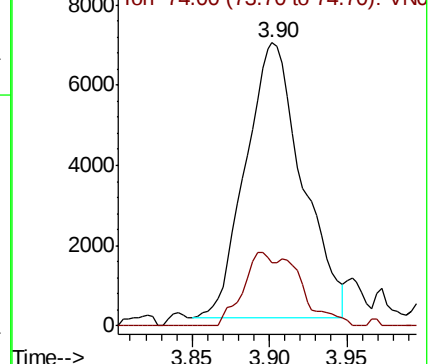
Ion Ratio Lower Upper

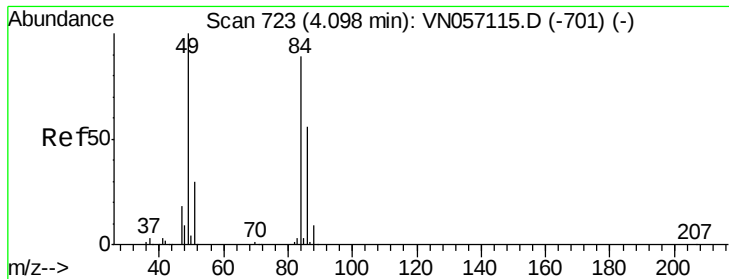
43 100

74 13.6 20.2 30.4#



Abundance Ion 43.00 (42.70 to 43.70): VN057128.D (-662) (-)

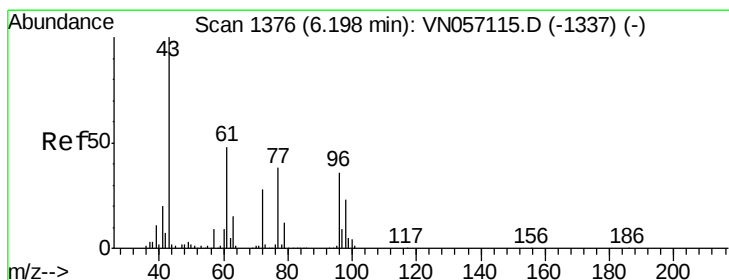
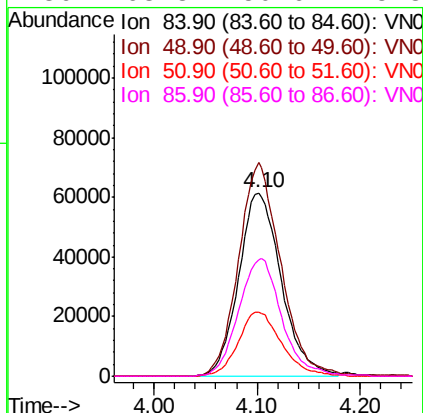
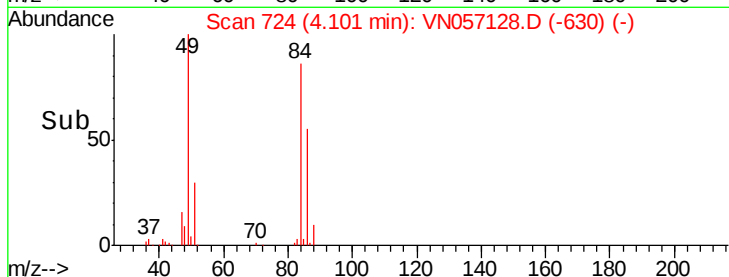
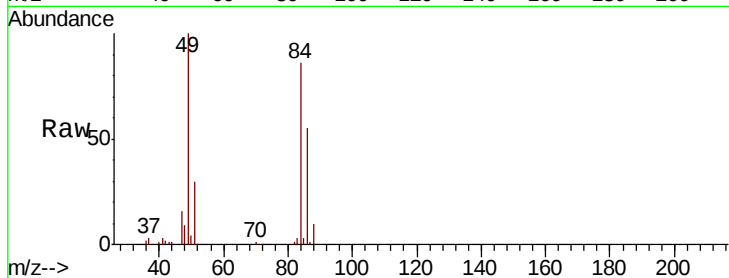




#20
Methylene Chloride
Concen: 11.482 ug/l
RT: 4.10 min Scan# 724
Delta R.T. 0.00 min
Lab File: VN057128.D
Acq: 8 Aug 2019 13:34

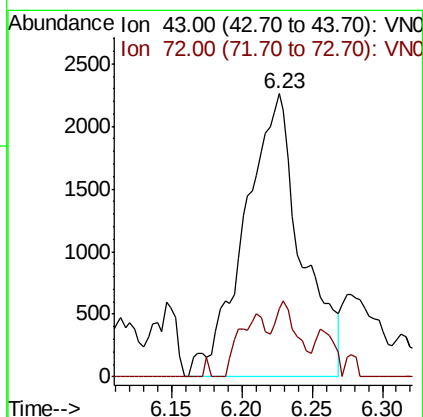
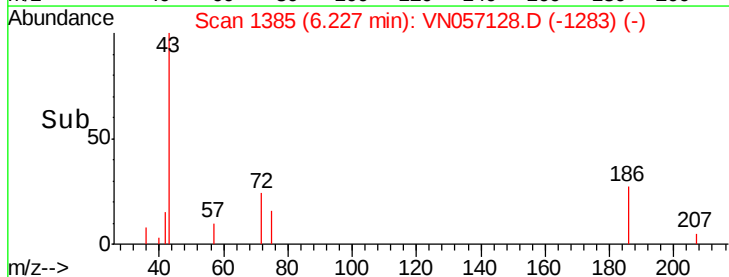
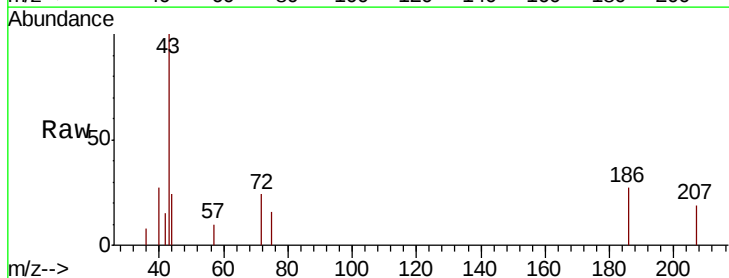
Instrument :
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EO-01-080719-A

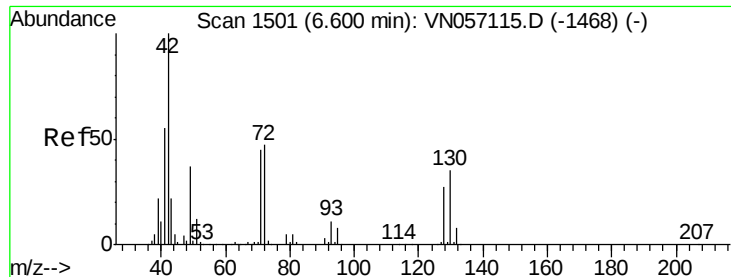
Tgt Ion:	84	Resp:	176252
Ion	Ratio	Lower	Upper
84	100		
49	116.5	89.5	134.3
51	34.7	27.2	40.8
86	63.8	50.6	75.8



#25
2-Butanone
Concen: 0.894 ug/l
RT: 6.23 min Scan# 1385
Delta R.T. 0.03 min
Lab File: VN057128.D
Acq: 8 Aug 2019 13:34

Tgt Ion:	43	Resp:	6354
Ion	Ratio	Lower	Upper
43	100		
72	24.2	22.2	33.4





#29

Tetrahydrofuran

Concen: 0.321 ug/l

RT: 6.61 min Scan# 1505

Delta R.T. 0.01 min

Lab File: VN057128.D

Acq: 8 Aug 2019 13:34

Instrument :

MSVOA_N

ClientSampled :

EO-01-080719-A

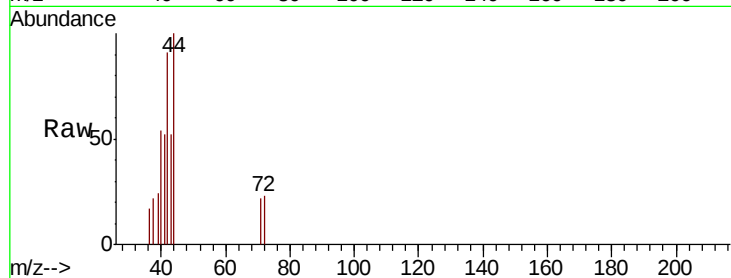
Tgt Ion: 42 Resp: 1535

Ion Ratio Lower Upper

42 100

72 0.0 37.1 55.7#

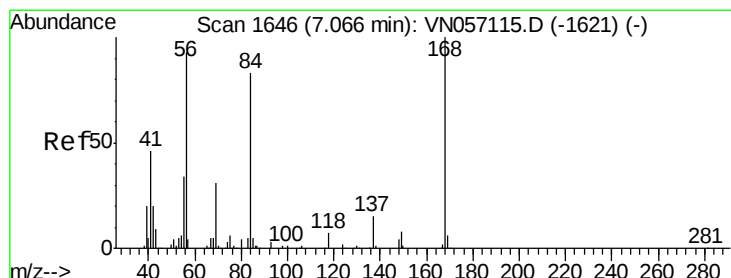
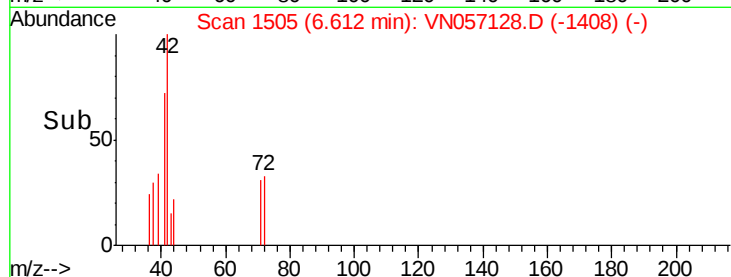
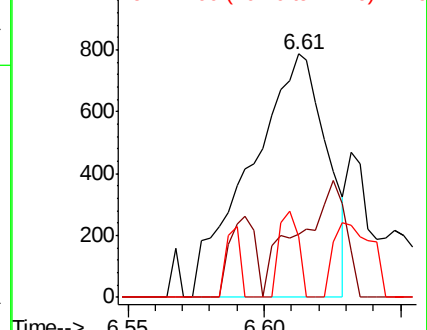
71 9.0 34.8 52.2#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 0.994 ug/l

RT: 7.05 min Scan# 1642

Delta R.T. -0.01 min

Lab File: VN057128.D

Acq: 8 Aug 2019 13:34

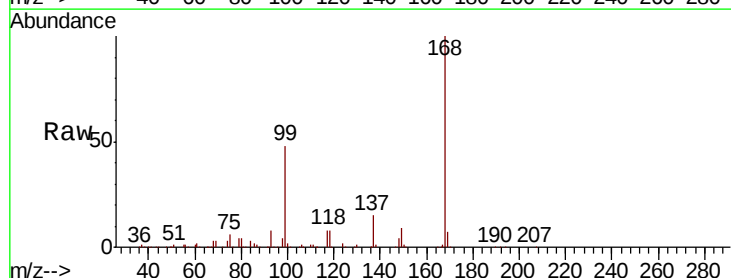
Tgt Ion: 56 Resp: 22213

Ion Ratio Lower Upper

56 100

69 207.7 26.9 40.3#

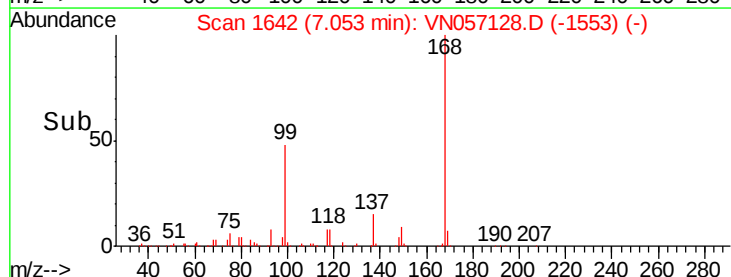
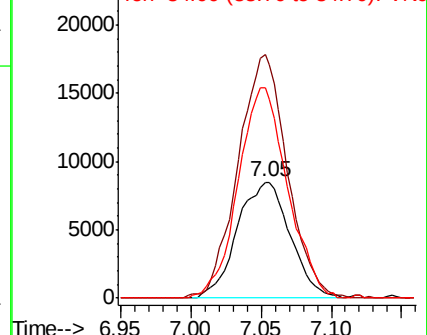
84 181.3 71.9 107.9#

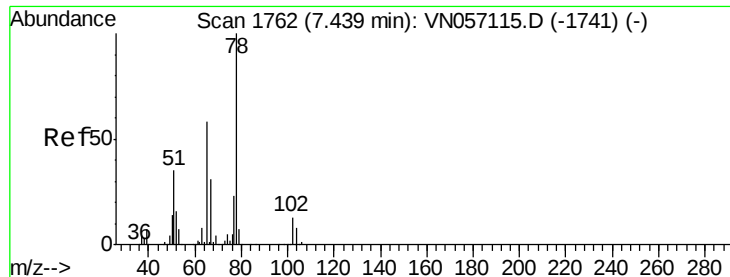


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 44.844 ug/l

RT: 7.44 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VN057128.D

Acq: 8 Aug 2019 13:34

Instrument :

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ClientSampleId :

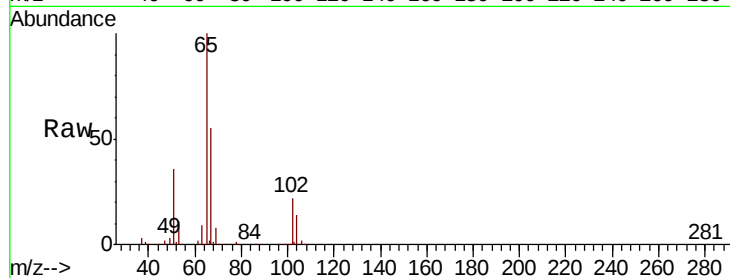
EO-01-080719-A

Tgt Ion: 65 Resp: 690635

Ion Ratio Lower Upper

65 100

67 55.1 0.0 108.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.44

300000

250000

200000

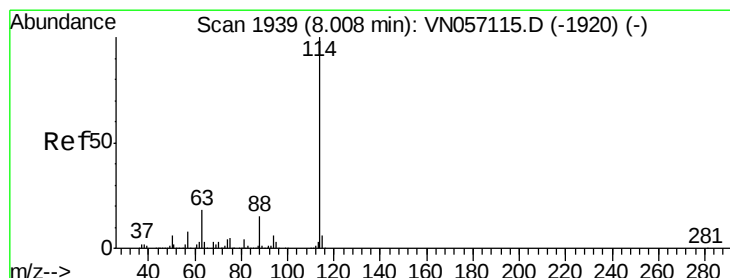
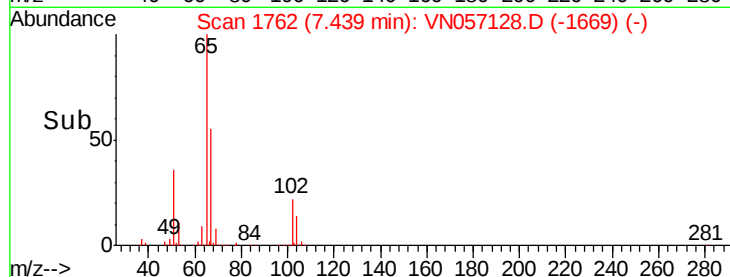
150000

100000

50000

0

Time--> 7.30 7.40 7.50



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. -0.00 min

Lab File: VN057128.D

Acq: 8 Aug 2019 13:34

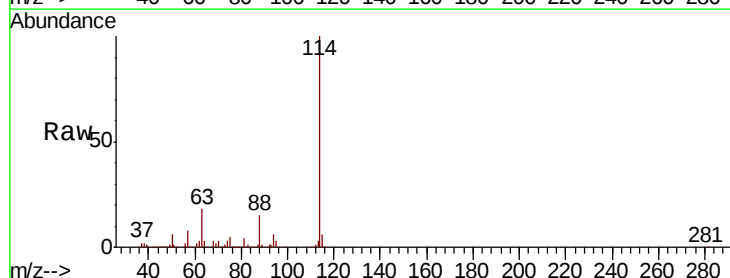
Tgt Ion: 114 Resp: 2104528

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.2

88 15.2 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

1200000

1000000

800000

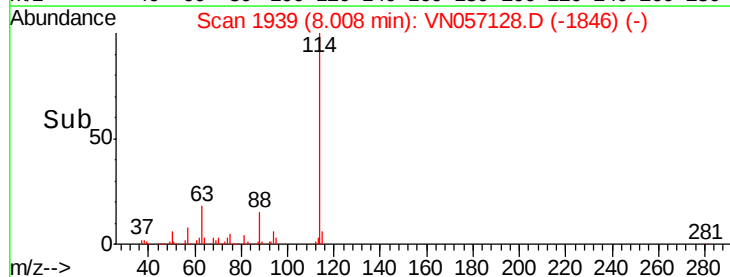
600000

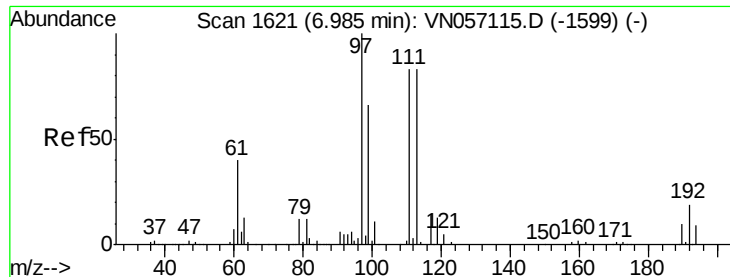
400000

200000

0

Time--> 7.90 8.00 8.10

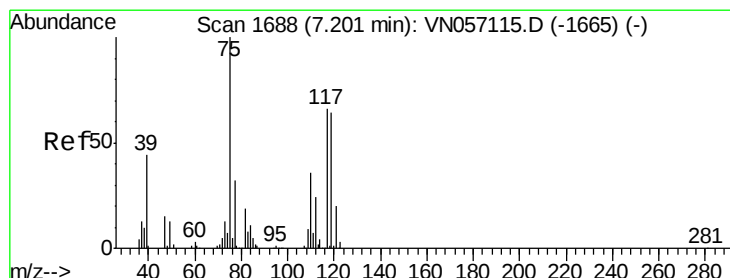
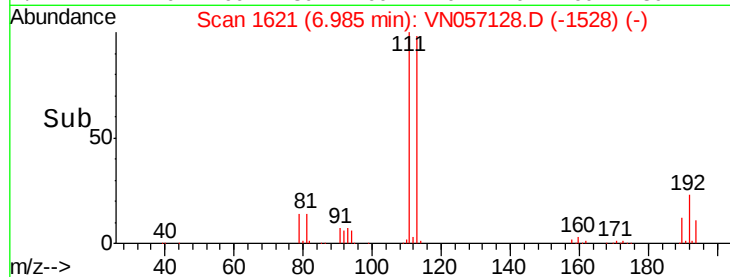
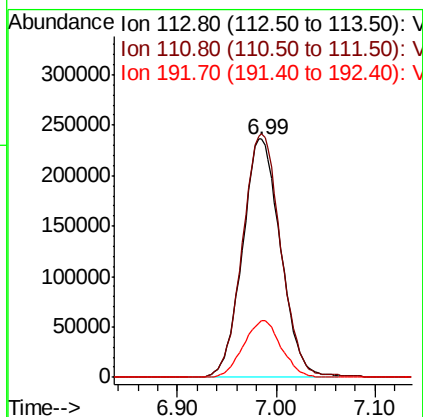
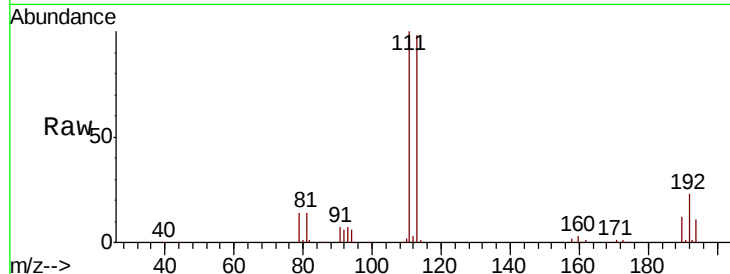




#35
 Dibromofluoromethane
 Concen: 47.722 ug/l
 RT: 6.99 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VN057128.D
 Acq: 8 Aug 2019 13:34

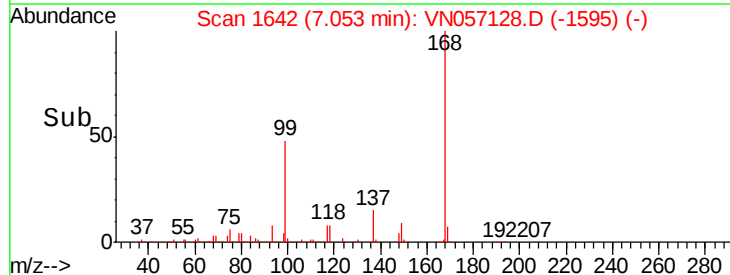
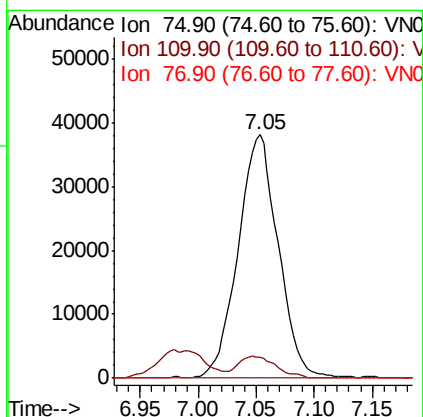
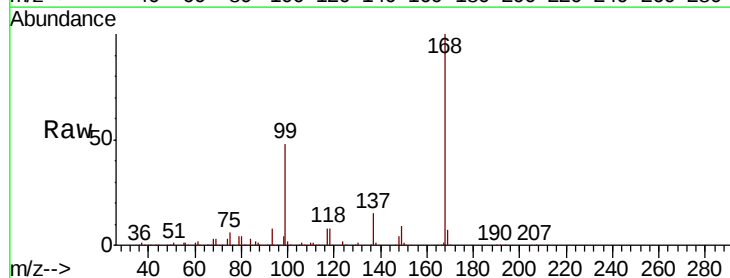
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-080719-A

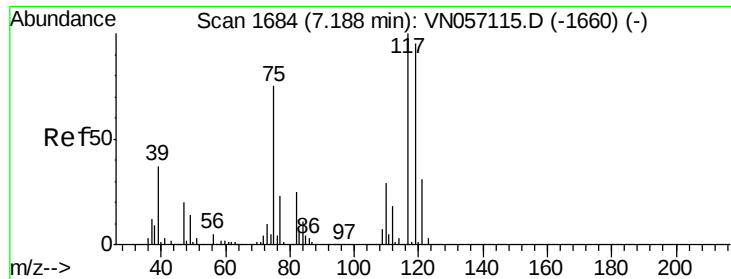
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.3	121.9
192	23.7	19.0	28.4



#36
 1,1-Dichloropropene
 Concen: 5.289 ug/l
 RT: 7.05 min Scan# 1642
 Delta R.T. -0.15 min
 Lab File: VN057128.D
 Acq: 8 Aug 2019 13:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.7	56.1#
77	0.0	25.0	37.4#

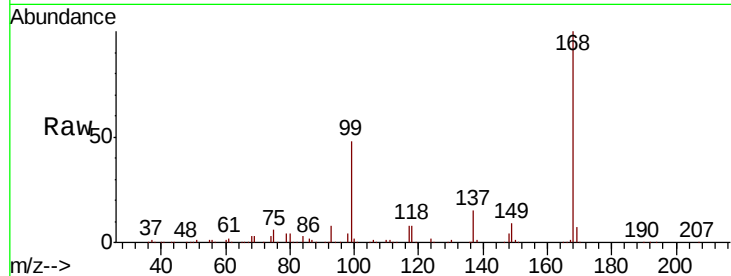




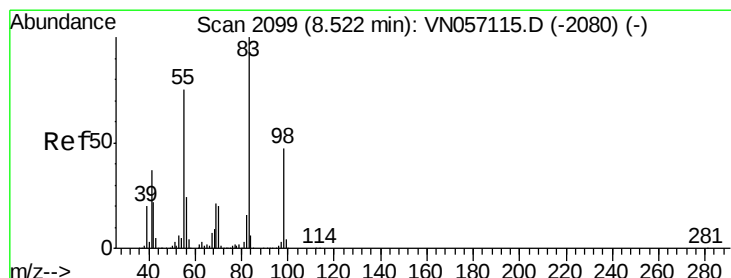
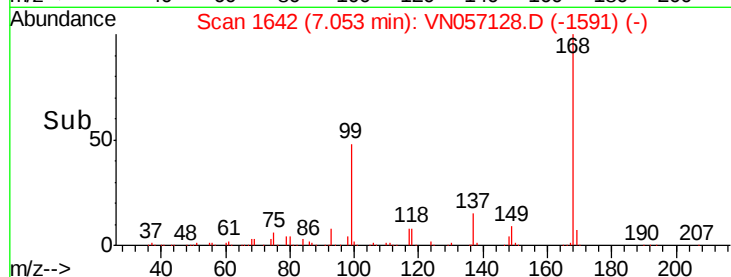
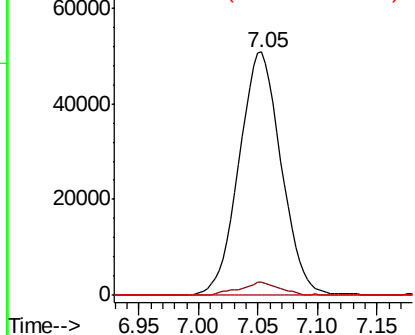
#38
Carbon Tetrachloride
Concen: 6.889 ug/l
RT: 7.05 min Scan# 1642
Delta R.T. -0.14 min
Lab File: VN057128.D
Acq: 8 Aug 2019 13:34

Instrument :
MSVOA_N
ClientSampleId :
EO-01-080719-A

Tgt Ion: 117 Resp: 124412
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.6#
121 0.0 24.4 36.6#

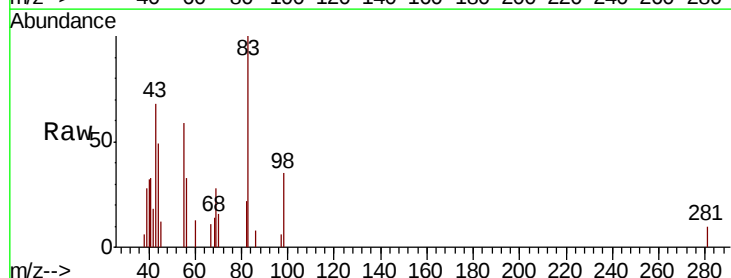


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

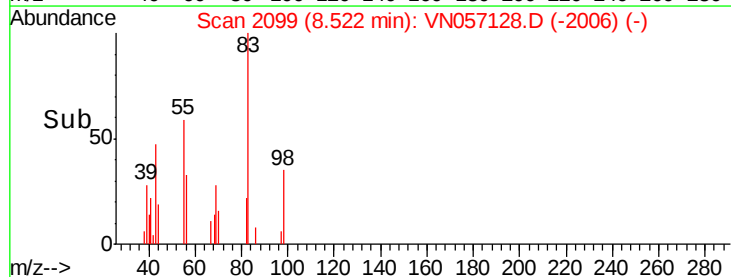
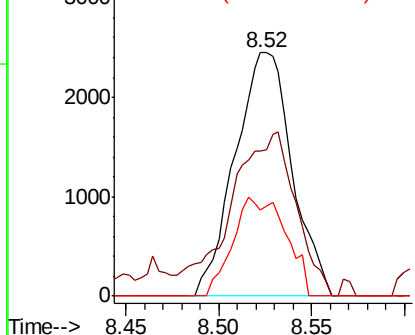


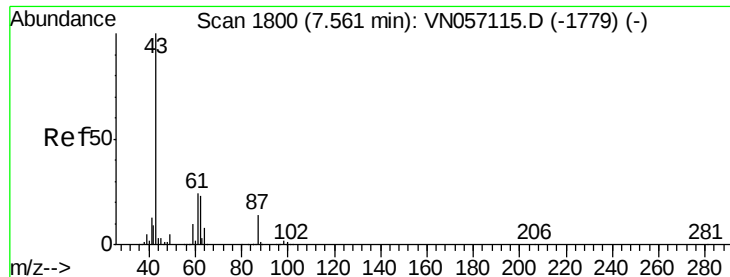
#39
Methylcyclohexane
Concen: 0.249 ug/l
RT: 8.52 min Scan# 2099
Delta R.T. -0.00 min
Lab File: VN057128.D
Acq: 8 Aug 2019 13:34

Tgt Ion: 83 Resp: 5244
Ion Ratio Lower Upper
83 100
55 59.3 60.3 90.5#
98 35.2 37.9 56.9#



Abundance Ion 83.00 (82.70 to 83.70): V
Ion 55.00 (54.70 to 55.70): V
Ion 98.00 (97.70 to 98.70): V





#43

Isopropyl Acetate

Concen: 3.134 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN057128.D

Acq: 8 Aug 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

EO-01-080719-A

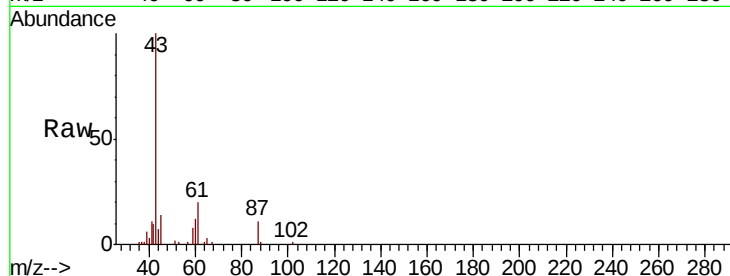
Tgt Ion: 43 Resp: 76382

Ion Ratio Lower Upper

43 100

61 18.3 24.2 36.2#

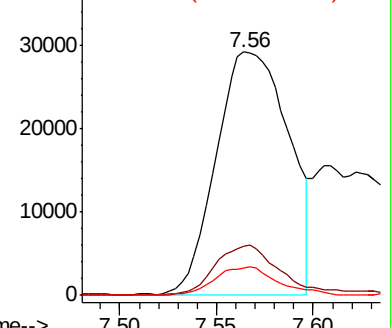
87 10.2 11.8 17.8#



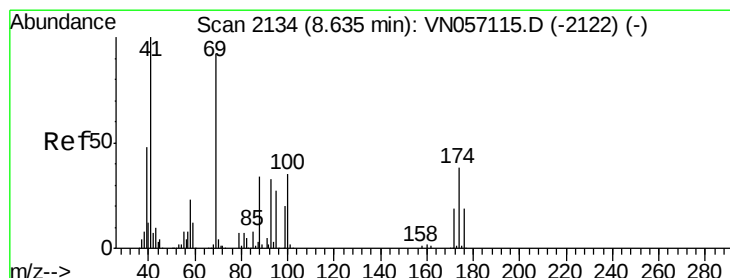
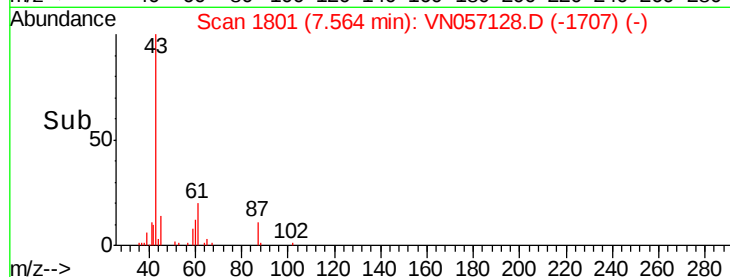
Abundance Ion 43.00 (42.70 to 43.70): VN057128.D (-1779) (-)

Ion 61.00 (60.70 to 61.70): VN057128.D (-1779) (-)

Ion 87.00 (86.70 to 87.70): VN057128.D (-1779) (-)



Time-->



#48

Methyl methacrylate

Concen: 2.071 ug/l

RT: 8.62 min Scan# 2129

Delta R.T. -0.02 min

Lab File: VN057128.D

Acq: 8 Aug 2019 13:34

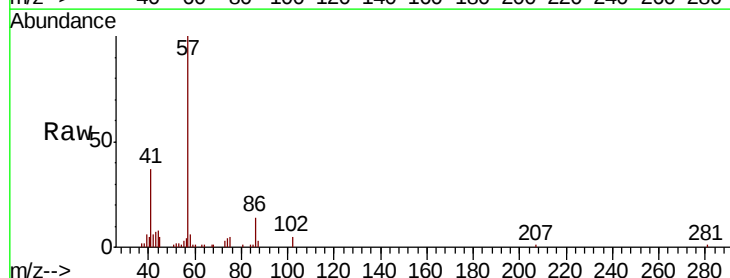
Tgt Ion: 41 Resp: 23804

Ion Ratio Lower Upper

41 100

69 0.0 77.5 116.3#

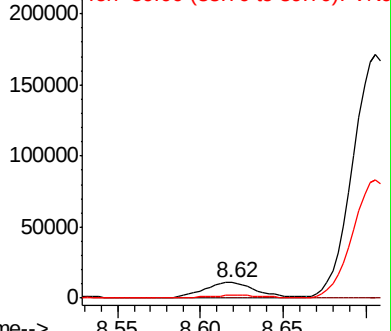
39 0.0 39.8 59.6#



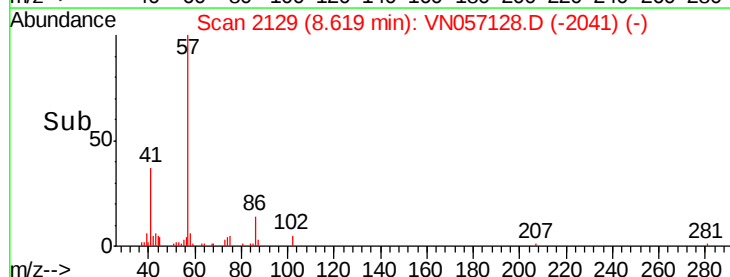
Abundance Ion 41.00 (40.70 to 41.70): VN057128.D (-2041) (-)

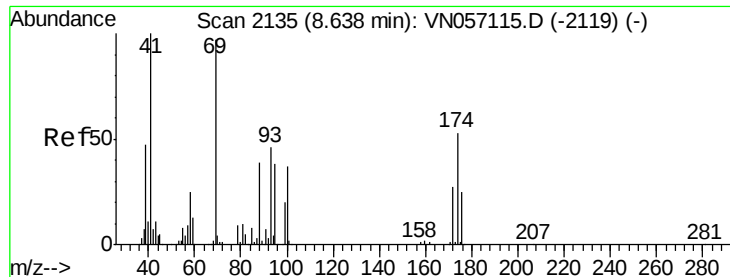
Ion 69.00 (68.70 to 69.70): VN057128.D (-2041) (-)

Ion 39.00 (38.70 to 39.70): VN057128.D (-2041) (-)



Time-->





#49

1,4-Dioxane

Concen: 0.278 ug/l

RT: 8.65 min Scan# 2139

Delta R.T. 0.01 min

Lab File: VN057128.D

Acq: 8 Aug 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

EO-01-080719-A

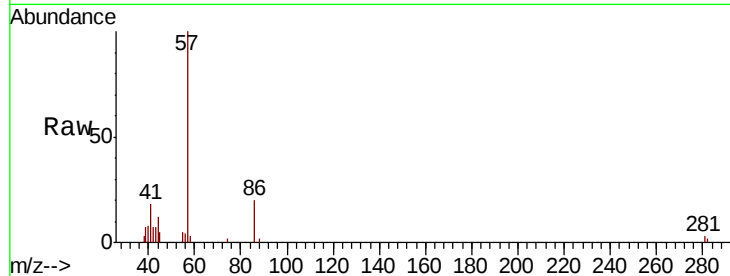
Tgt Ion: 88 Resp: 65

Ion Ratio Lower Upper

88 100

43 0.0 21.7 32.5#

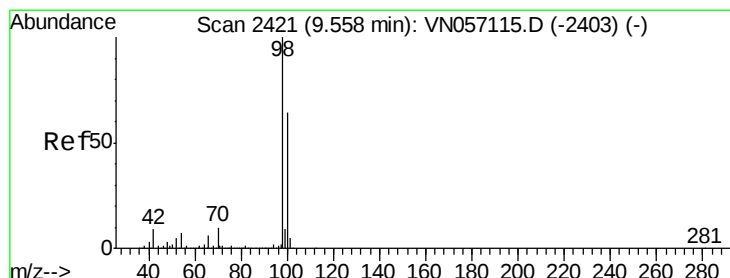
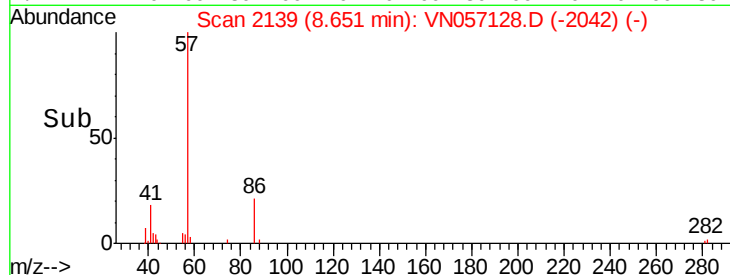
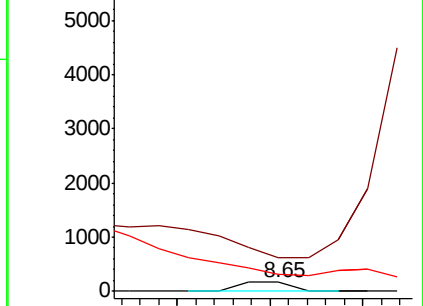
58 0.0 51.1 76.7#



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 48.839 ug/l

RT: 9.56 min Scan# 2421

Delta R.T. -0.00 min

Lab File: VN057128.D

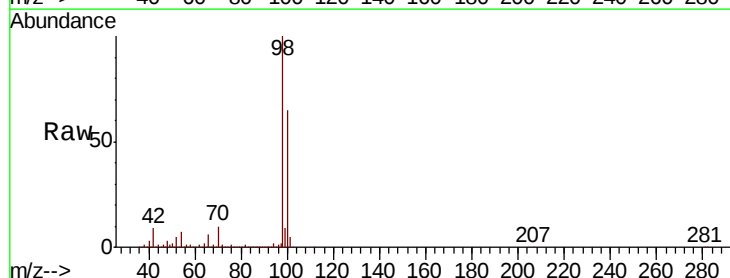
Acq: 8 Aug 2019 13:34

Tgt Ion: 98 Resp: 2467592

Ion Ratio Lower Upper

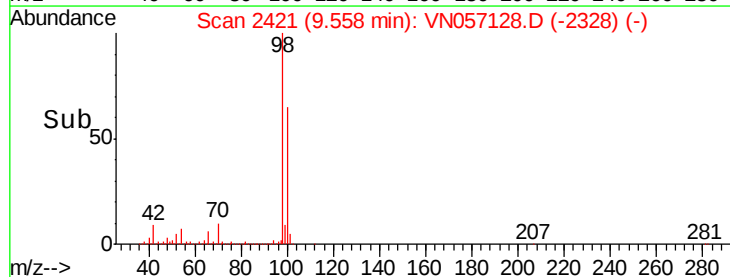
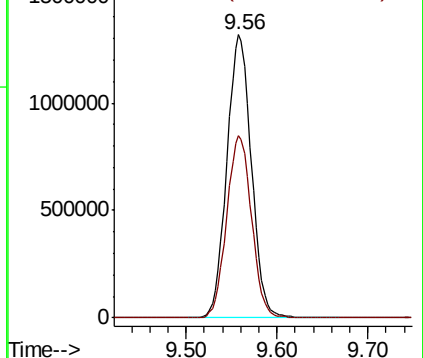
98 100

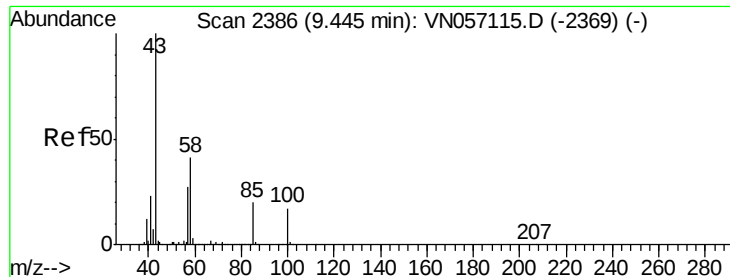
100 65.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

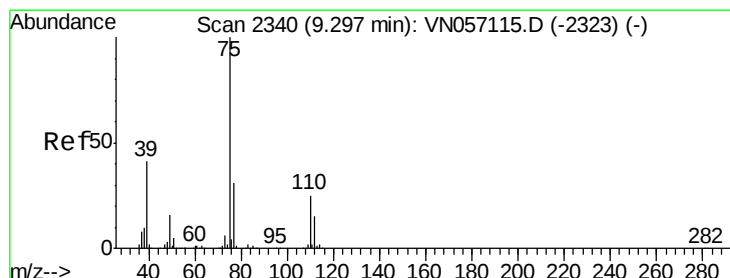
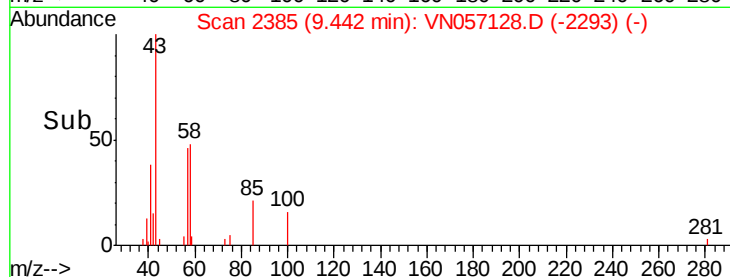
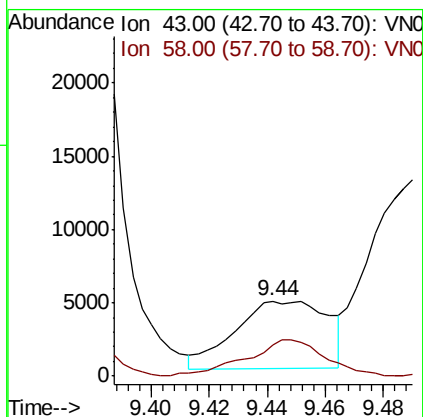
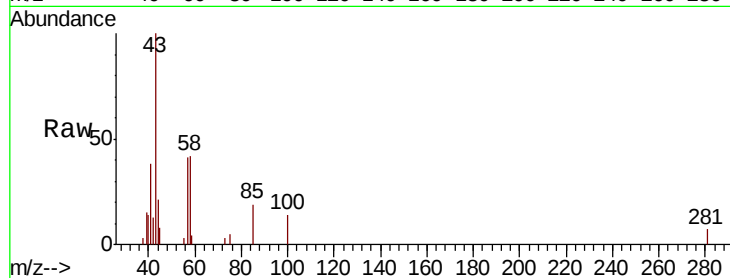




#51
 4-Methyl-2-Pentanone
 Concen: 0.718 ug/l
 RT: 9.44 min Scan# 2385
 Delta R.T. -0.00 min
 Lab File: VN057128.D
 Acq: 8 Aug 2019 13:34

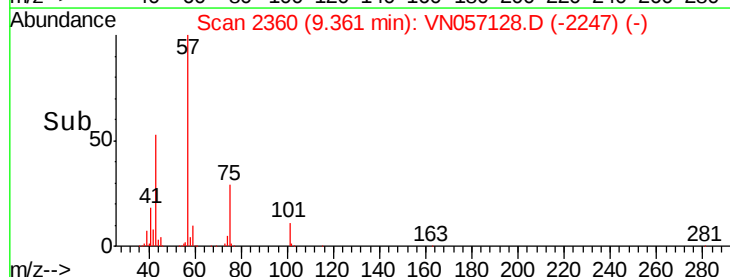
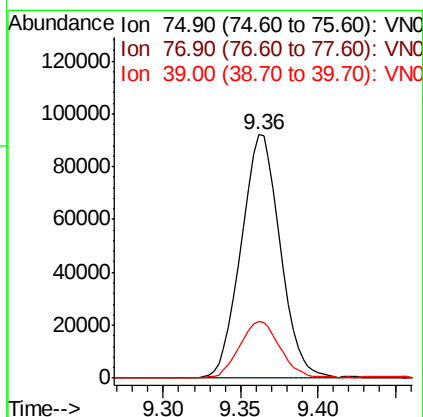
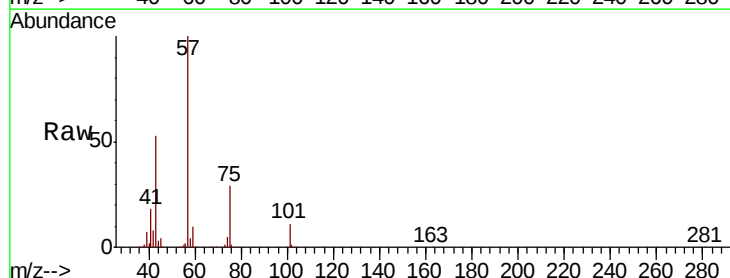
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-080719-A

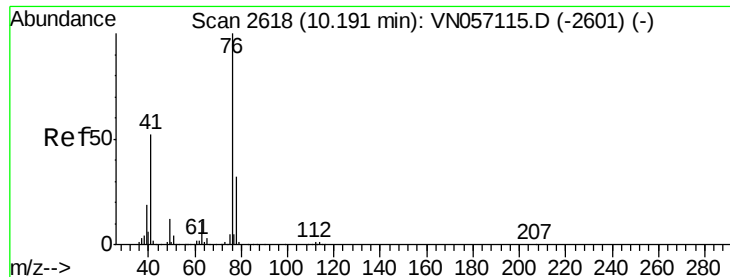
Tgt Ion: 43 Resp: 10185
 Ion Ratio Lower Upper
 43 100
 58 45.6 33.2 49.8



#54
 cis-1,3-Dichloropropene
 Concen: 7.680 ug/l
 RT: 9.36 min Scan# 2360
 Delta R.T. 0.06 min
 Lab File: VN057128.D
 Acq: 8 Aug 2019 13:34

Tgt Ion: 75 Resp: 162236
 Ion Ratio Lower Upper
 75 100
 77 0.4 25.1 37.7#
 39 22.9 32.5 48.7#

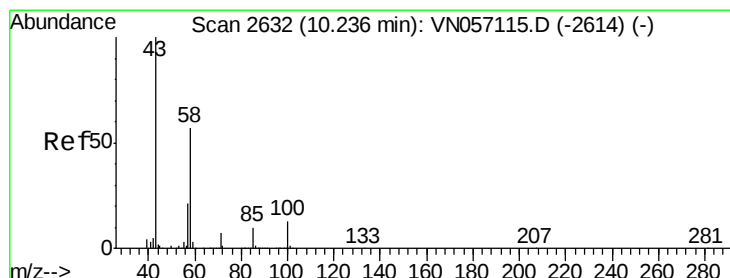
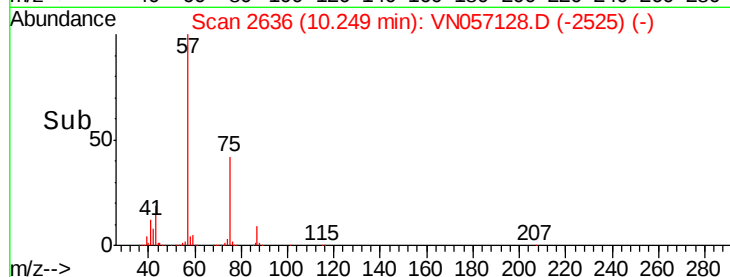
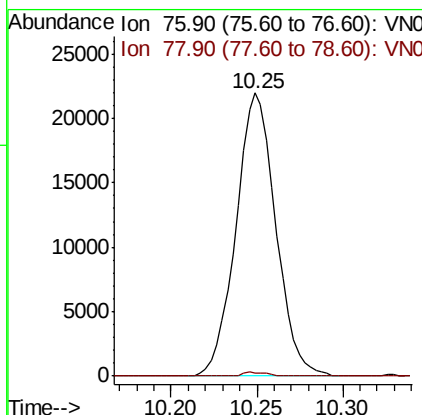
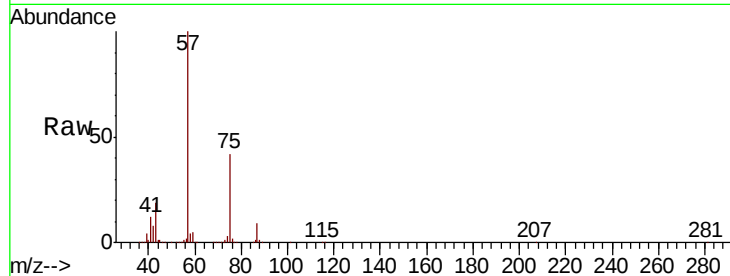




#57
 1,3-Dichloropropane
 Concen: 1.596 ug/l
 RT: 10.25 min Scan# 2636
 Delta R.T. 0.06 min
 Lab File: VN057128.D
 Acq: 8 Aug 2019 13:34

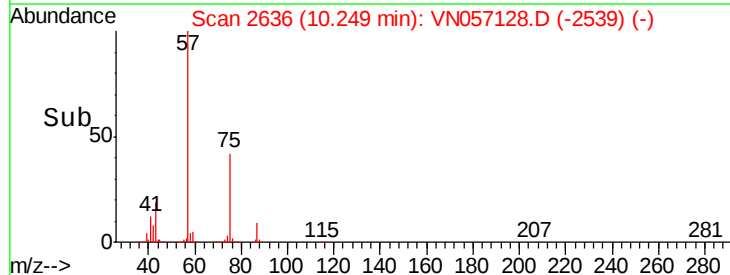
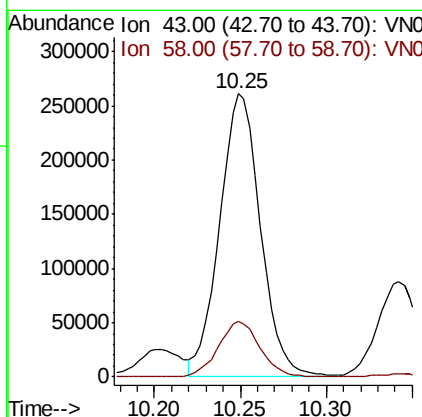
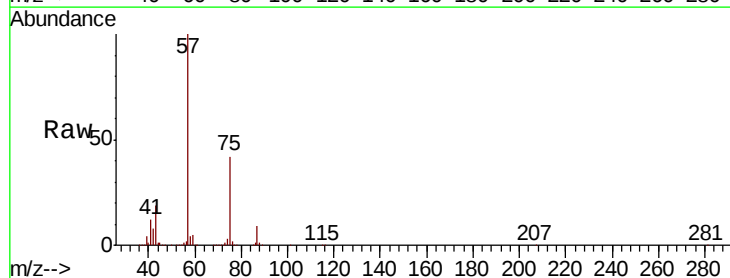
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-080719-A

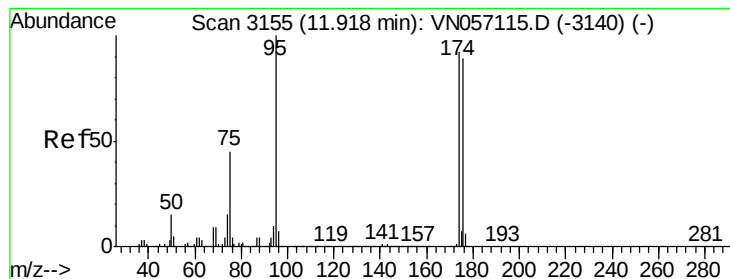
Tgt Ion: 76 Resp: 35235
 Ion Ratio Lower Upper
 76 100
 78 0.8 25.9 38.9#



#59
 2-Hexanone
 Concen: 44.962 ug/l
 RT: 10.25 min Scan# 2636
 Delta R.T. 0.01 min
 Lab File: VN057128.D
 Acq: 8 Aug 2019 13:34

Tgt Ion: 43 Resp: 431693
 Ion Ratio Lower Upper
 43 100
 58 20.1 29.2 87.6#





#62

4-Bromofluorobenzene

Concen: 41.091 ug/l

RT: 11.92 min Scan# 3155

Delta R.T. -0.00 min

Lab File: VN057128.D

Acq: 8 Aug 2019 13:34

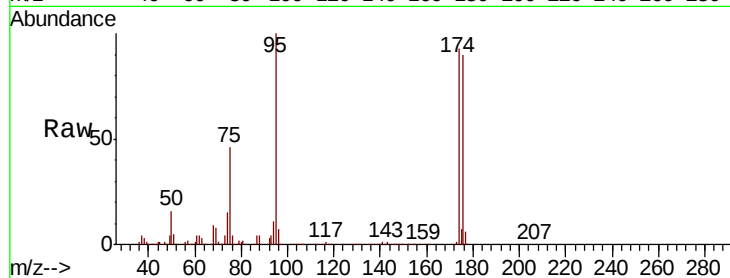
Instrument :

MSVOA_N

ClientSampleId :

EO-01-080719-A

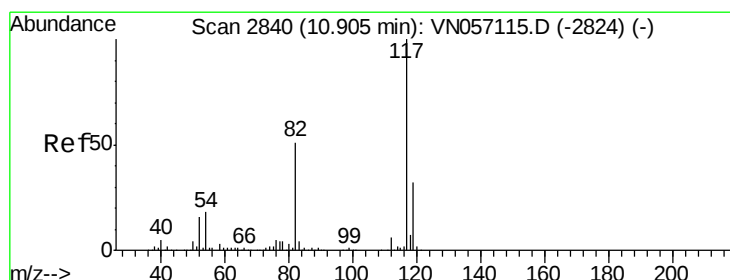
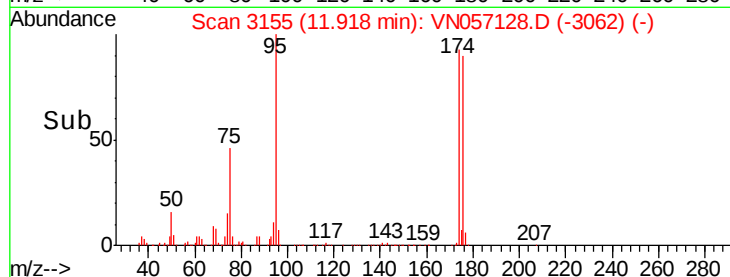
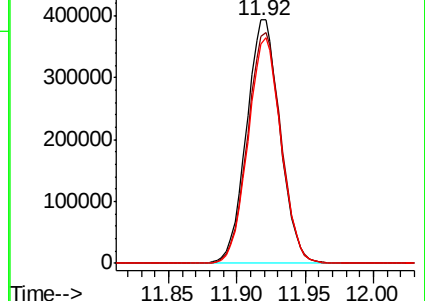
Tgt Ion:	95	Resp:	668947
Ion	Ratio	Lower	Upper
95	100		
174	95.2	0.0	185.0
176	91.4	0.0	181.2



Abundance Ion 94.90 (94.60 to 95.60): VN057115.D (-3140) (-)

Ion 173.80 (173.50 to 174.50): VN057115.D (-3140) (-)

Ion 175.80 (175.50 to 176.50): VN057115.D (-3140) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

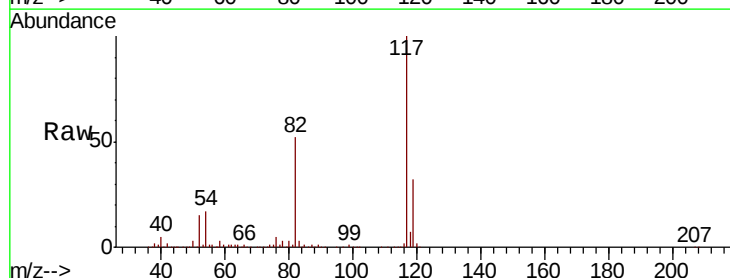
RT: 10.90 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VN057128.D

Acq: 8 Aug 2019 13:34

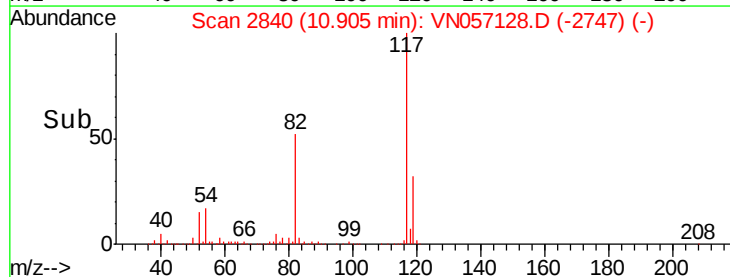
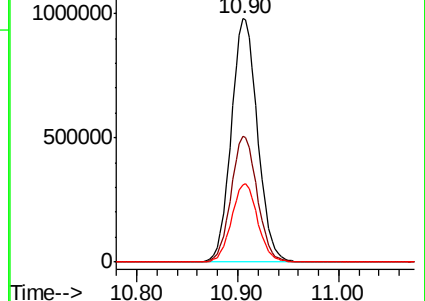
Tgt Ion:	117	Resp:	1771868
Ion	Ratio	Lower	Upper
117	100		
82	51.5	40.8	61.2
119	32.0	25.7	38.5

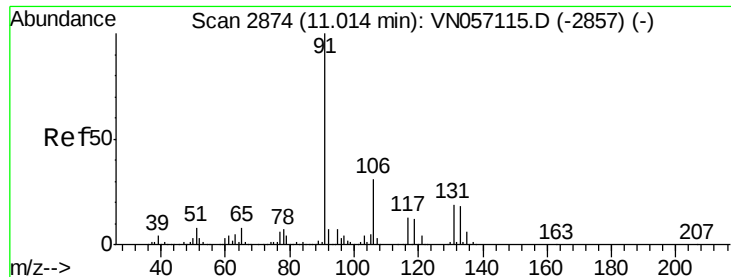


Abundance Ion 116.90 (116.60 to 117.60): VN057115.D (-2824) (-)

Ion 82.00 (81.70 to 82.70): VN057115.D (-2824) (-)

Ion 118.90 (118.60 to 119.60): VN057115.D (-2824) (-)

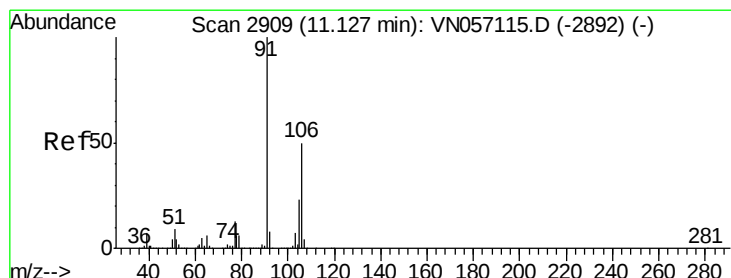
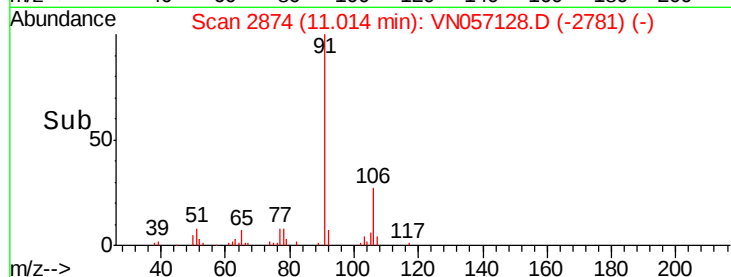
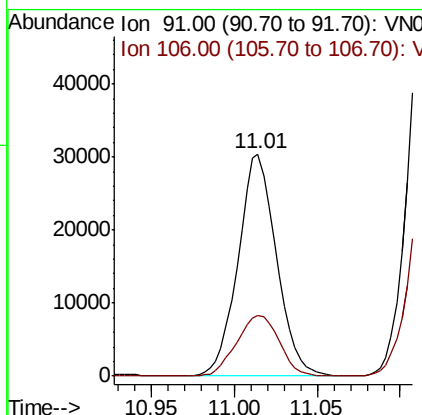
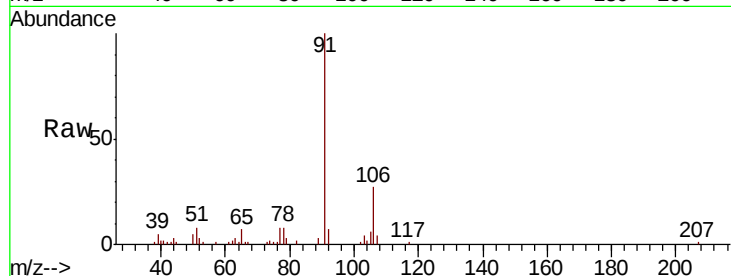




#67
Ethyl Benzene
Concen: 0.799 ug/l
RT: 11.01 min Scan# 2874
Delta R.T. -0.00 min
Lab File: VN057128.D
Acq: 8 Aug 2019 13:34

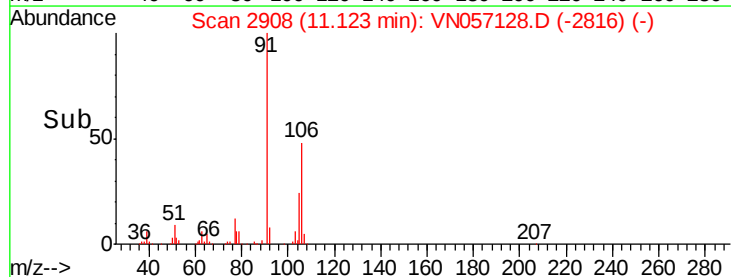
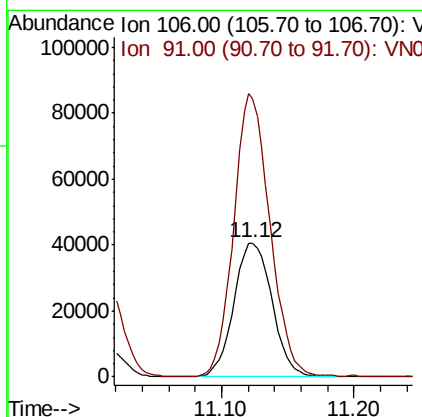
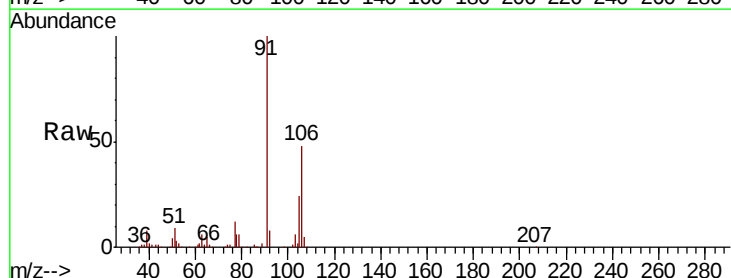
Instrument :
MSVOA_N
ClientSampleId :
EO-01-080719-A

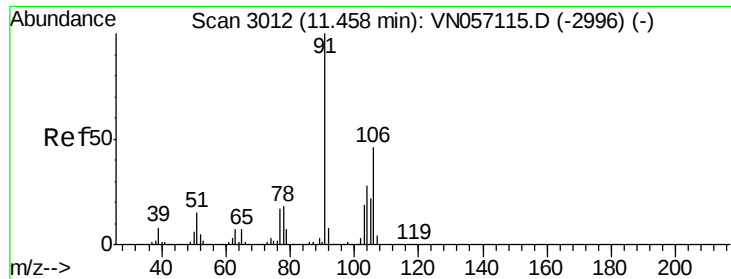
Tgt Ion: 91 Resp: 49042
Ion Ratio Lower Upper
91 100
106 27.3 25.0 37.4



#68
m/p-Xylenes
Concen: 3.613 ug/l
RT: 11.12 min Scan# 2908
Delta R.T. -0.00 min
Lab File: VN057128.D
Acq: 8 Aug 2019 13:34

Tgt Ion: 106 Resp: 81678
Ion Ratio Lower Upper
106 100
91 199.7 159.8 239.8

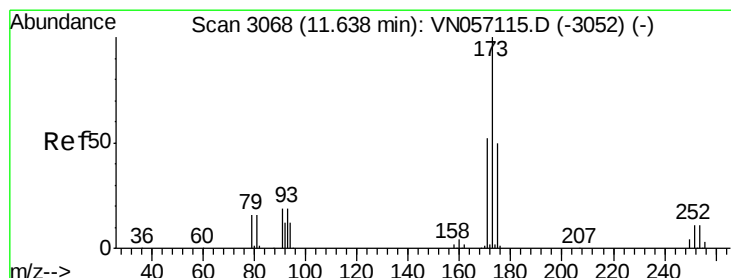
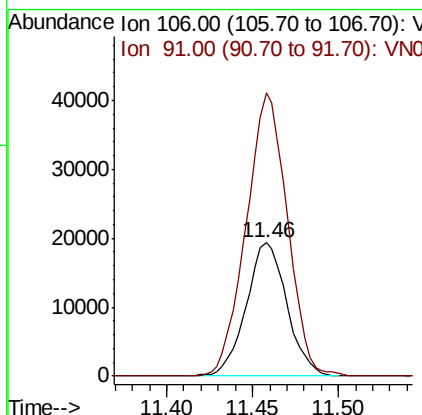
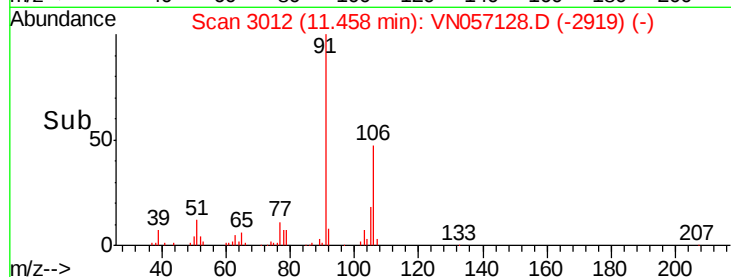
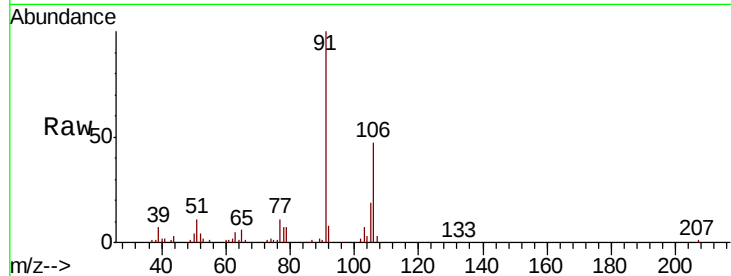




#69
o-Xylene
Concen: 1.410 ug/l
RT: 11.46 min Scan# 3012
Delta R.T. -0.00 min
Lab File: VN057128.D
Acq: 8 Aug 2019 13:34

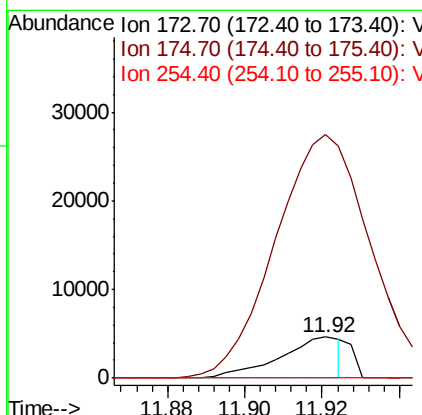
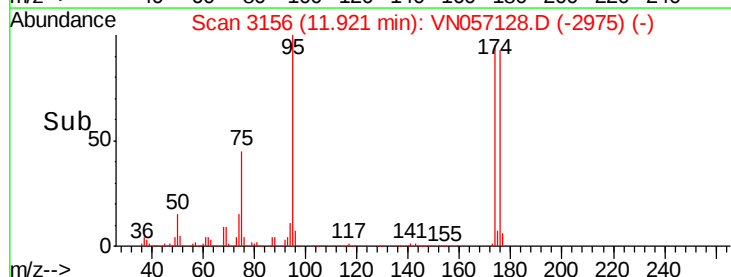
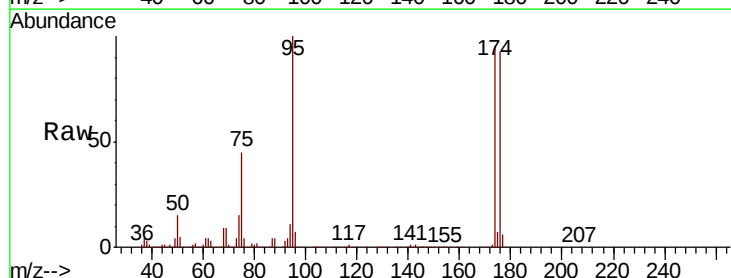
Instrument :
MSVOA_N
ClientSampleId :
EO-01-080719-A

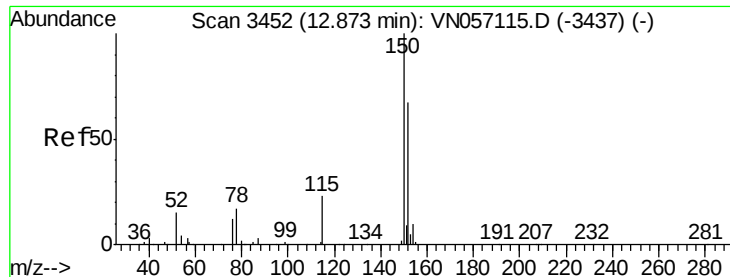
Tgt Ion:106 Resp: 31732
Ion Ratio Lower Upper
106 100
91 214.6 106.8 320.5



#71
Bromoform
Concen: 0.515 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.28 min
Lab File: VN057128.D
Acq: 8 Aug 2019 13:34

Tgt Ion:173 Resp: 5029
Ion Ratio Lower Upper
173 100
175 640.0 24.6 73.8#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.87 min Scan# 3452

Delta R.T. -0.00 min

Lab File: VN057128.D

Acq: 8 Aug 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

EO-01-080719-A

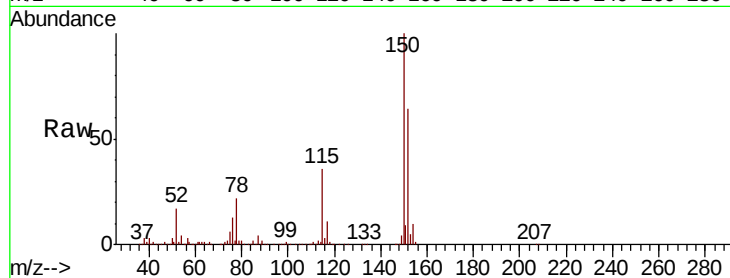
Tgt Ion:152 Resp: 487126

Ion Ratio Lower Upper

152 100

115 55.2 27.5 82.5

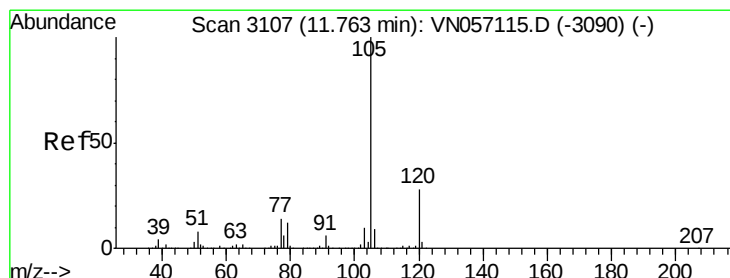
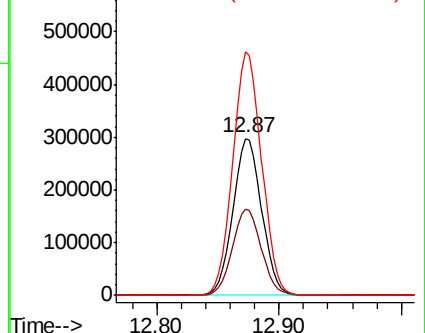
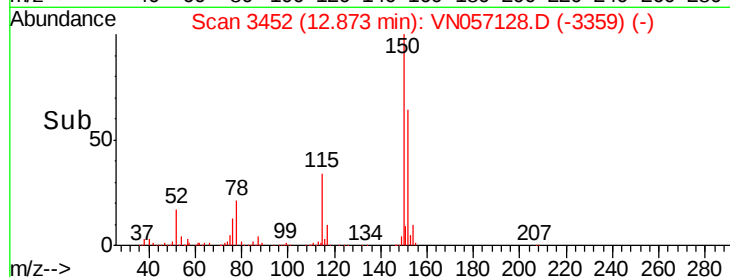
150 156.4 0.0 341.6



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: 11.77 min Scan# 3108

Delta R.T. 0.00 min

Lab File: VN057128.D

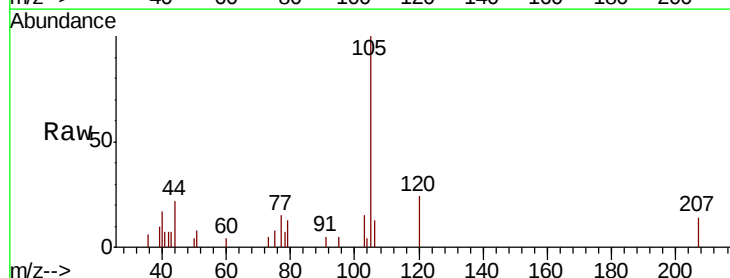
Acq: 8 Aug 2019 13:34

Tgt Ion:105 Resp: 6472

Ion Ratio Lower Upper

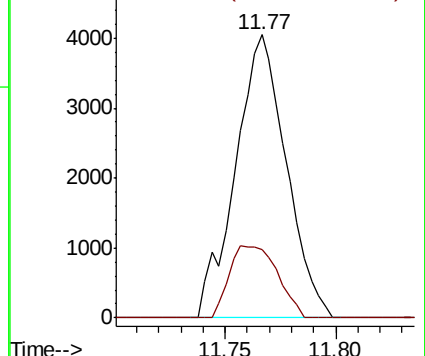
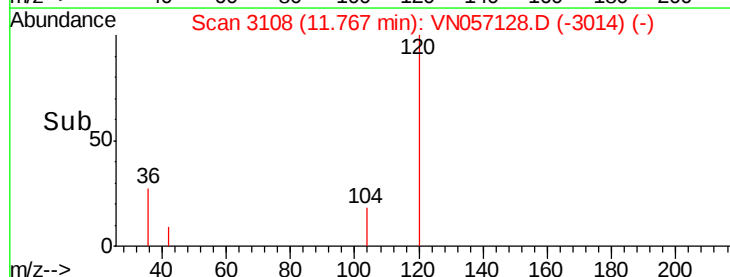
105 100

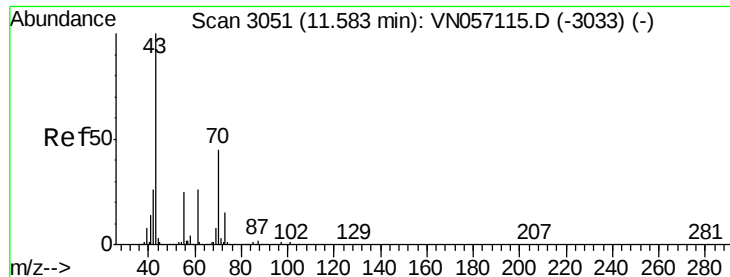
120 24.2 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

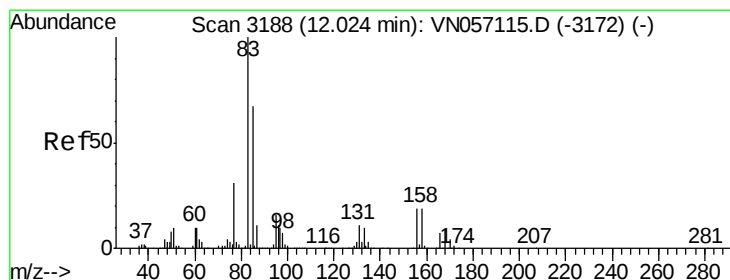
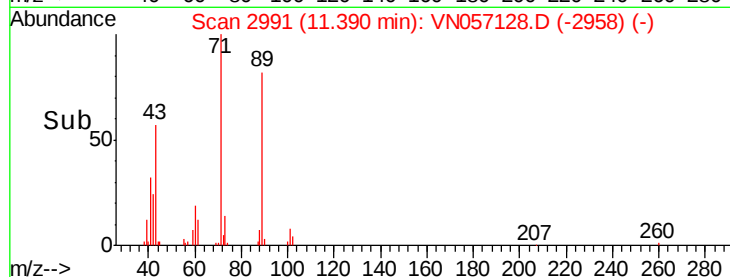
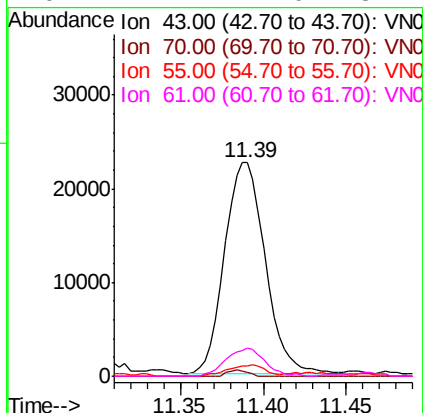
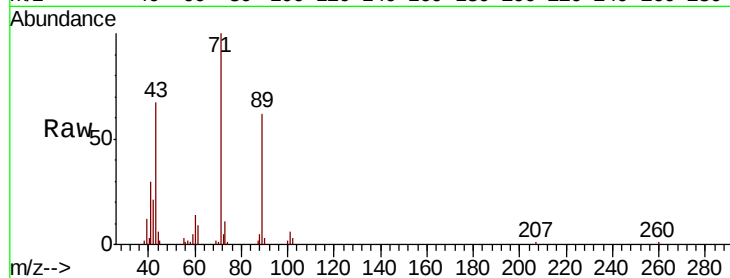




#74
N-ethyl acetate
Concen: 3.106 ug/l
RT: 11.39 min Scan# 2991
Delta R.T. -0.19 min
Lab File: VN057128.D
Acq: 8 Aug 2019 13:34

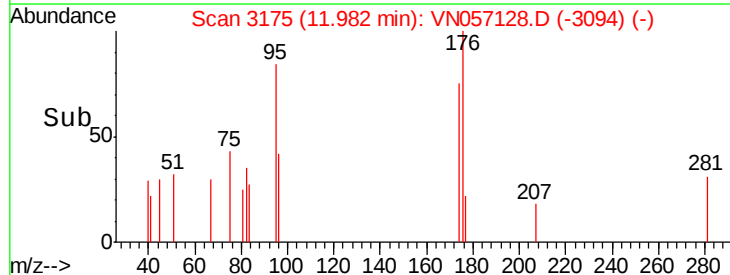
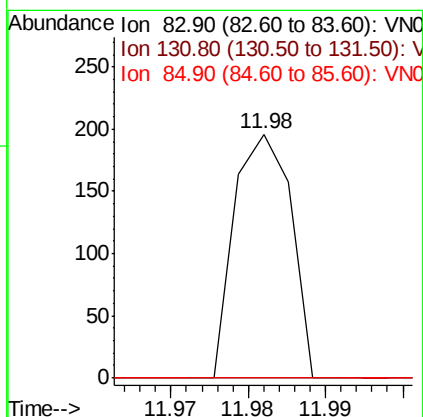
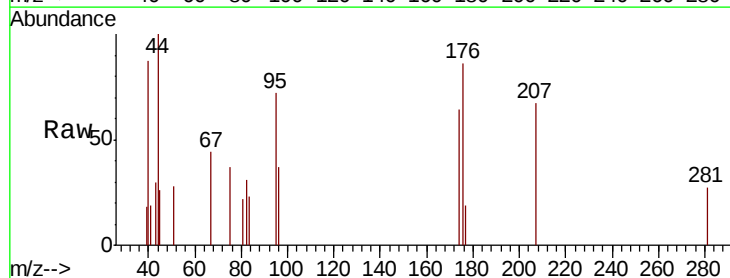
Instrument :
MSVOA_N
ClientSampled :
EO-01-080719-A

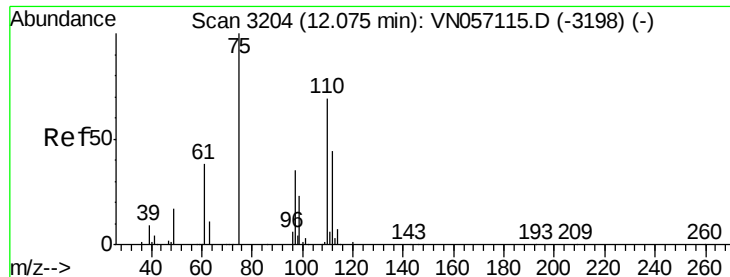
Tgt Ion: 43 Resp: 38341
Ion Ratio Lower Upper
43 100
70 1.4 36.8 55.2#
55 4.9 20.6 31.0#
61 12.7 21.0 31.4#



#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.98 min Scan# 3175
Delta R.T. -0.04 min
Lab File: VN057128.D
Acq: 8 Aug 2019 13:34

Tgt Ion: 83 Resp: 100
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.4#
85 0.0 32.4 97.0#





#76

1,2,3-Trichloropropane

Concen: 30.921 ug/l

RT: 11.92 min Scan# 3155

Delta R.T. -0.16 min

Lab File: VN057128.D

Acq: 8 Aug 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

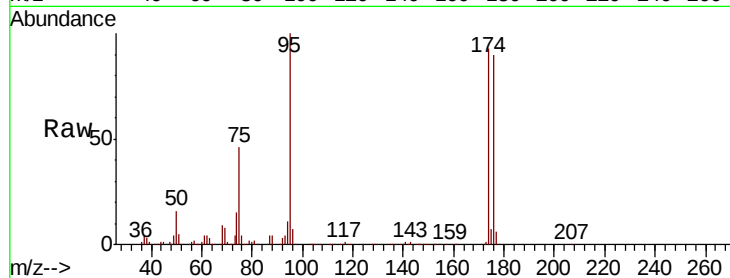
EO-01-080719-A

Tgt Ion: 75 Resp: 304741

Ion Ratio Lower Upper

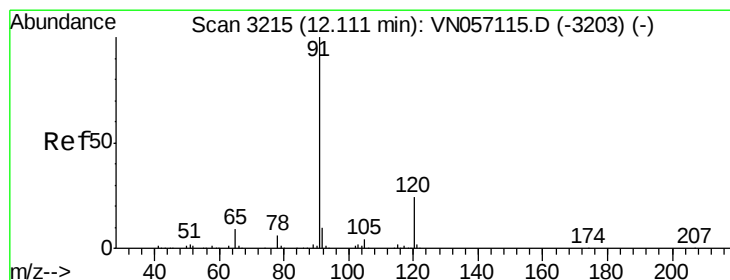
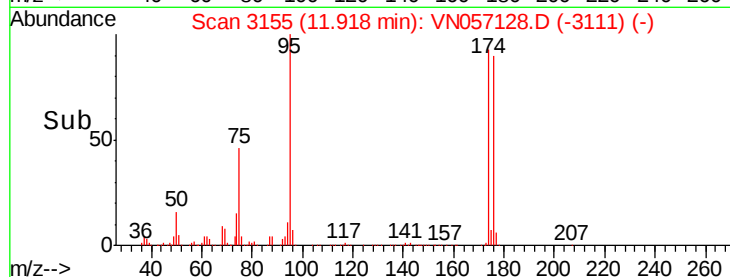
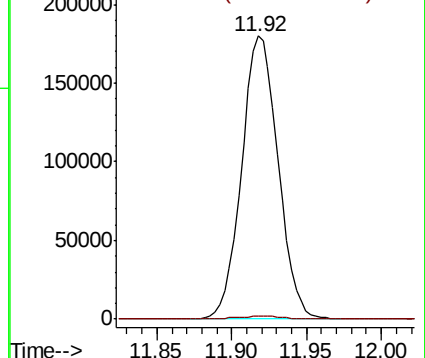
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 0.365 ug/l

RT: 12.11 min Scan# 3215

Delta R.T. -0.00 min

Lab File: VN057128.D

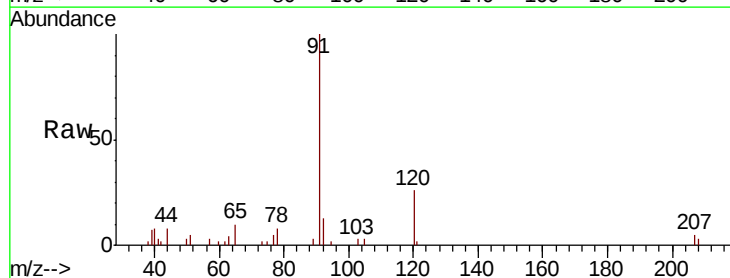
Acq: 8 Aug 2019 13:34

Tgt Ion: 91 Resp: 17039

Ion Ratio Lower Upper

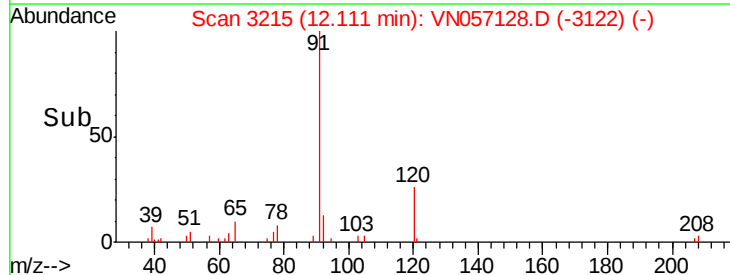
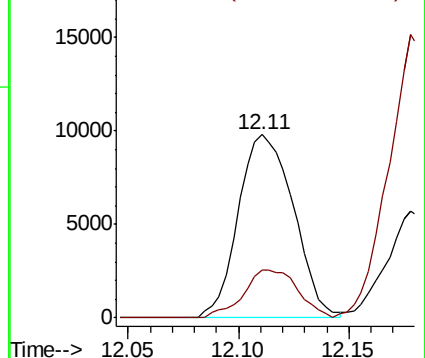
91 100

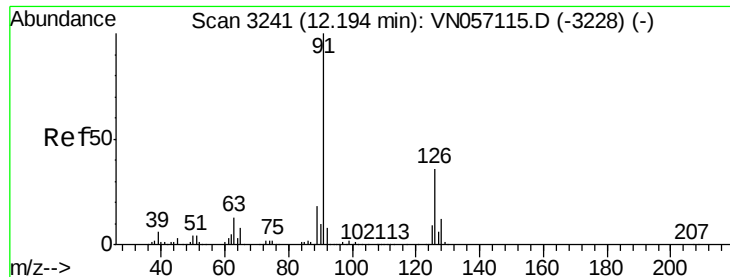
120 25.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.18 min Scan# 3236

Delta R.T. -0.02 min

Lab File: VN057128.D

Acq: 8 Aug 2019 13:34

Instrument :

MSVOA_N

ClientSampleId :

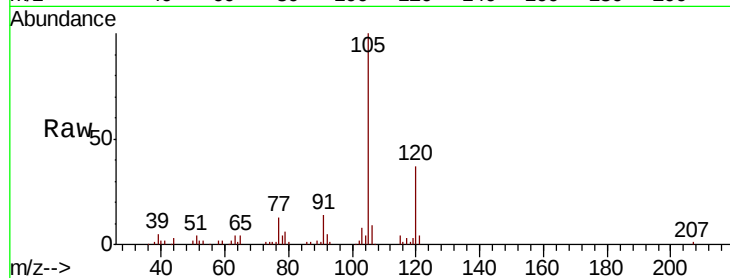
EO-01-080719-A

Tgt Ion: 91 Resp: 8504

Ion Ratio Lower Upper

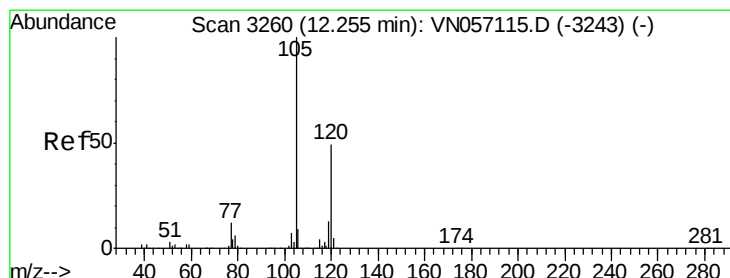
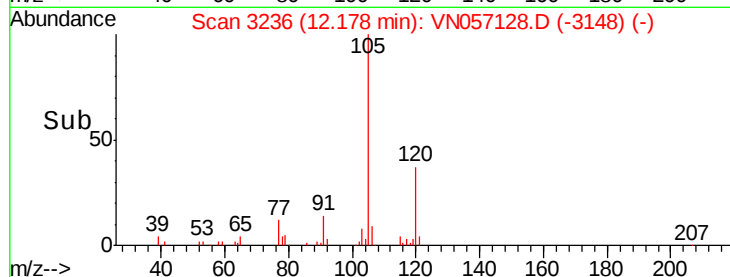
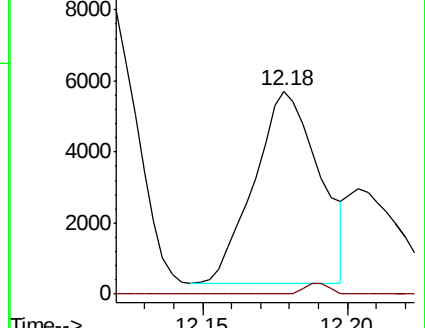
91 100

126 2.1 18.1 54.3#



Abundance Ion 91.00 (90.70 to 91.70): VN057115.D (-3228) (-)

Ion 125.90 (125.60 to 126.60): VN057115.D (-3228) (-)



#80

1,3,5-Trimethylbenzene

Concen: 1.843 ug/l

RT: 12.26 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN057128.D

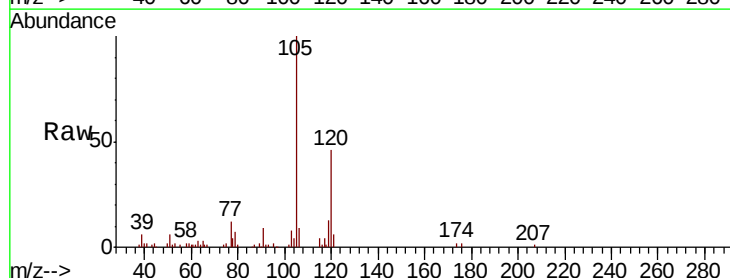
Acq: 8 Aug 2019 13:34

Tgt Ion: 105 Resp: 69327

Ion Ratio Lower Upper

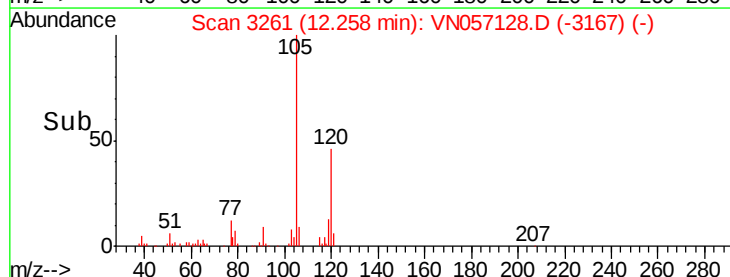
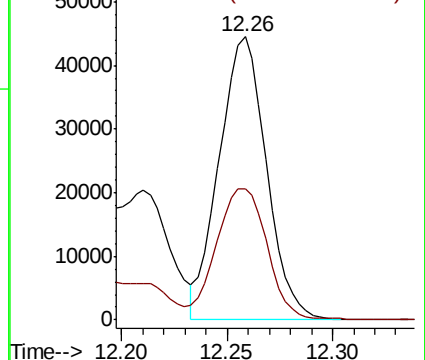
105 100

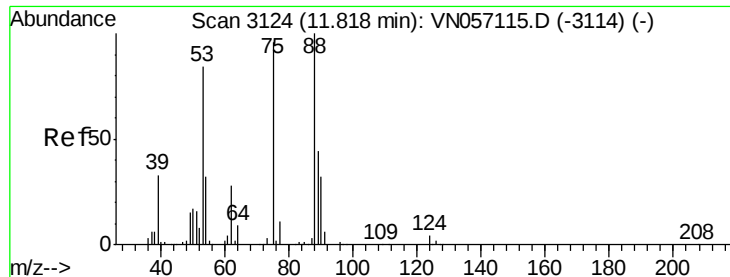
120 50.0 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): VN057115.D (-3243) (-)

Ion 120.00 (119.70 to 120.70): VN057115.D (-3243) (-)

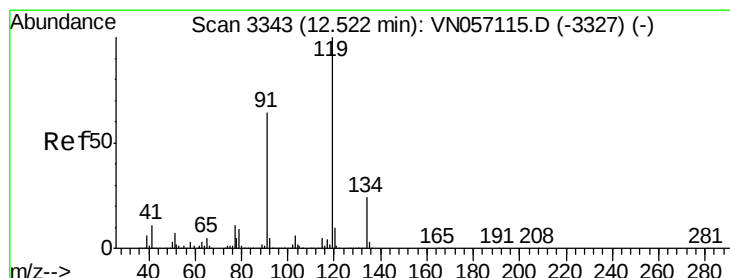
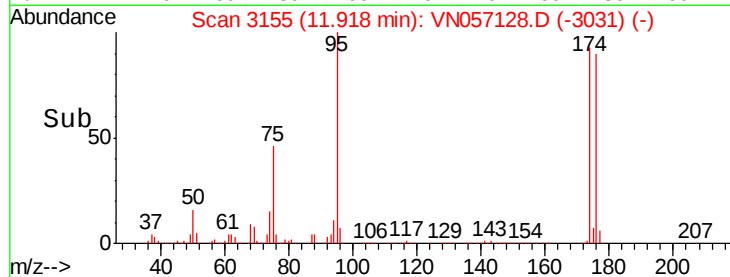
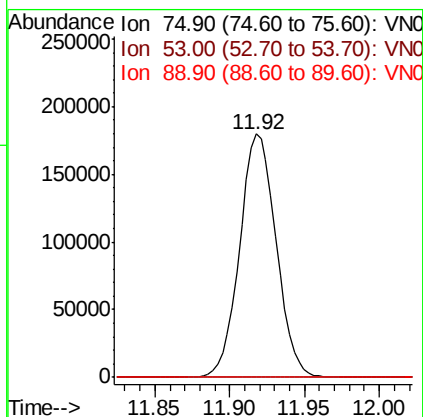
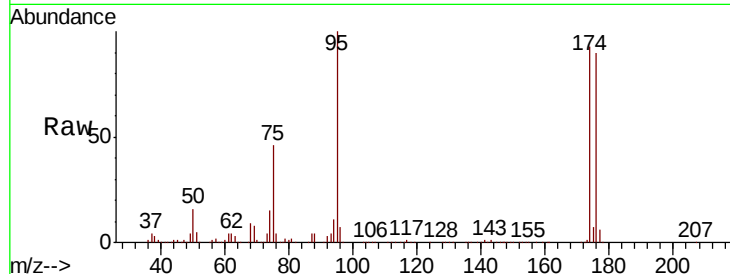




#81
trans-1,4-Dichloro-2-butene
Concen: 91.983 ug/l
RT: 11.92 min Scan# 3155
Delta R.T. 0.10 min
Lab File: VN057128.D
Acq: 8 Aug 2019 13:34

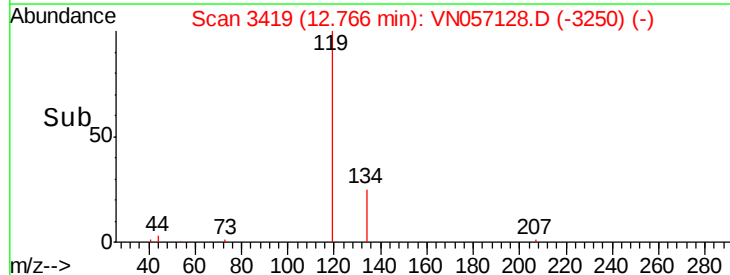
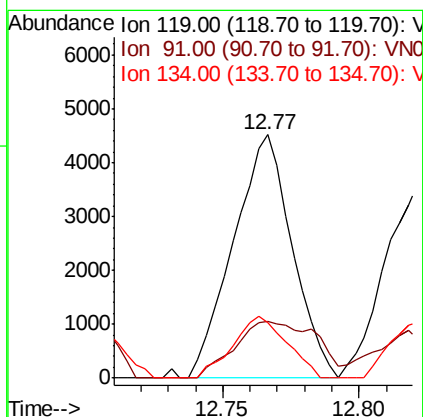
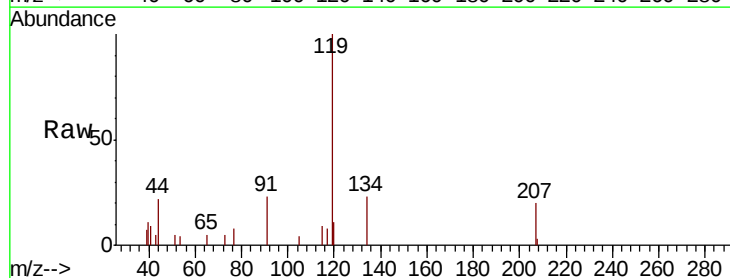
Instrument :
MSVOA_N
ClientSampleId :
EO-01-080719-A

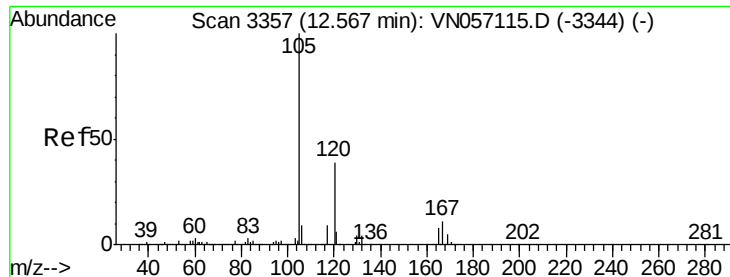
Tgt Ion: 75 Resp: 304741
Ion Ratio Lower Upper
75 100
53 0.0 70.6 106.0#
89 0.0 36.4 54.6#



#83
tert-Butylbenzene
Concen: Below Cal
RT: 12.77 min Scan# 3419
Delta R.T. 0.24 min
Lab File: VN057128.D
Acq: 8 Aug 2019 13:34

Tgt Ion: 119 Resp: 6755
Ion Ratio Lower Upper
119 100
91 32.7 31.4 94.2
134 23.3 13.2 39.6

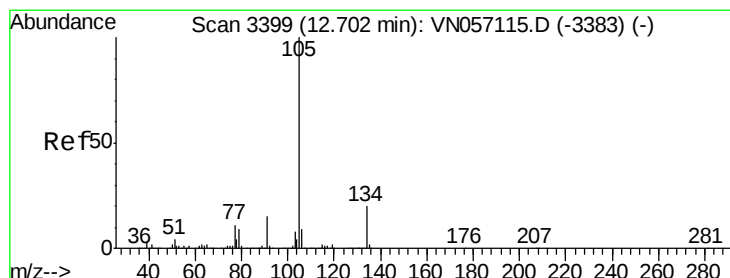
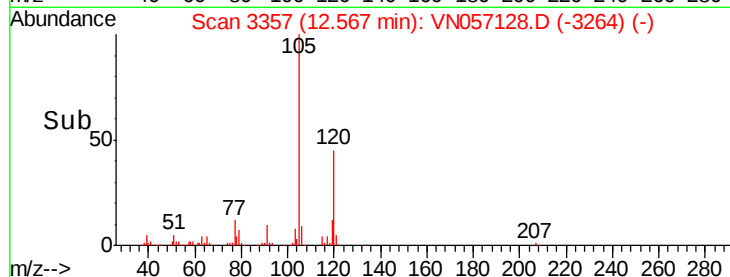
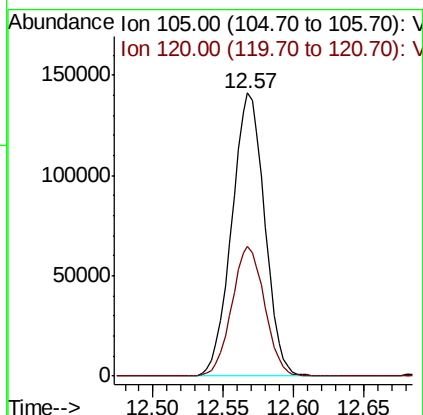
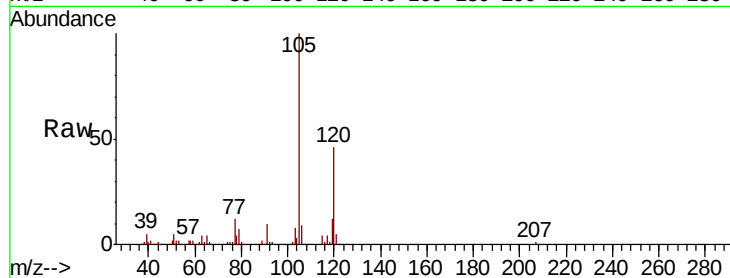




#84
 1,2,4-Trimethylbenzene
 Concen: 6.332 ug/l
 RT: 12.57 min Scan# 3357
 Delta R.T. -0.00 min
 Lab File: VN057128.D
 Acq: 8 Aug 2019 13:34

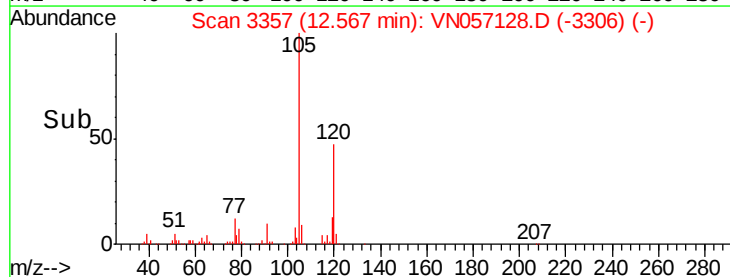
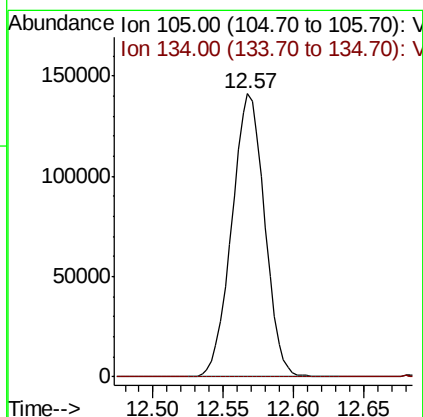
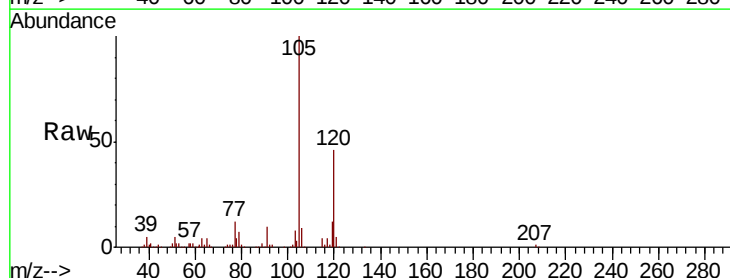
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-080719-A

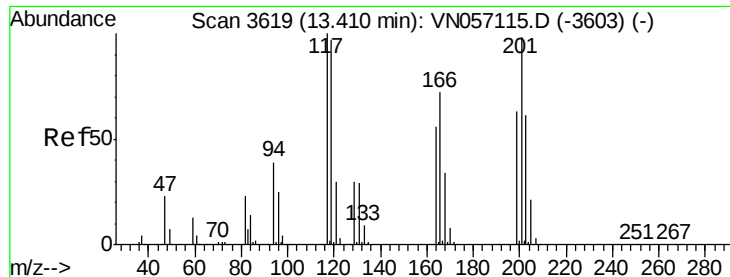
Tgt Ion:105 Resp: 230166
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.3 69.8



#85
 sec-Butylbenzene
 Concen: 5.423 ug/l
 RT: 12.57 min Scan# 3357
 Delta R.T. -0.14 min
 Lab File: VN057128.D
 Acq: 8 Aug 2019 13:34

Tgt Ion:105 Resp: 230166
 Ion Ratio Lower Upper
 105 100
 134 0.1 10.2 30.4#

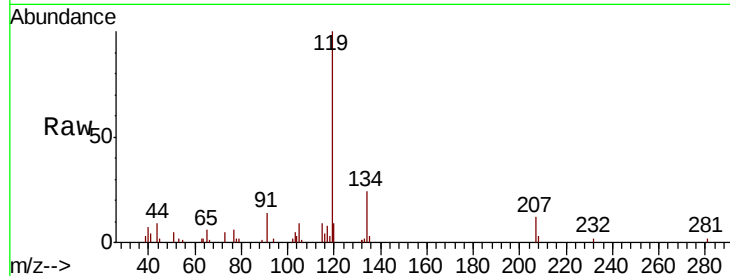




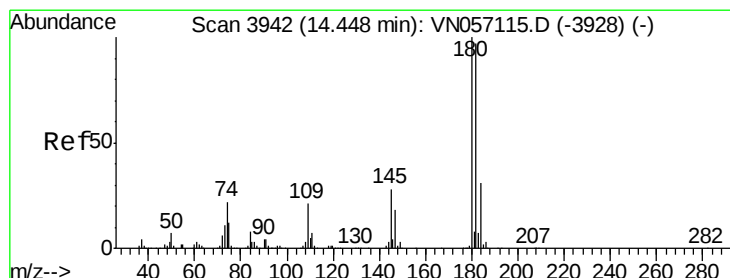
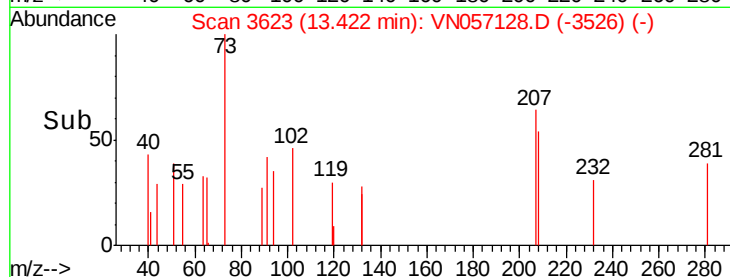
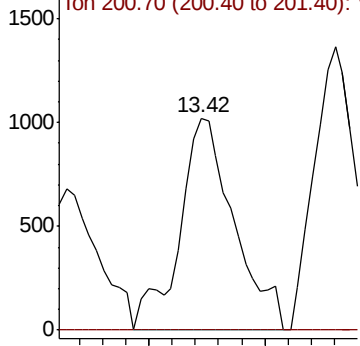
#90
Hexachloroethane
Concen: Below Cal
RT: 13.42 min Scan# 3623
Delta R.T. 0.01 min
Lab File: VN057128.D
Acq: 8 Aug 2019 13:34

Instrument :
MSVOA_N
ClientSampleId :
EO-01-080719-A

Tgt Ion:117 Resp: 1663
Ion Ratio Lower Upper
117 100
201 0.0 49.3 147.8#

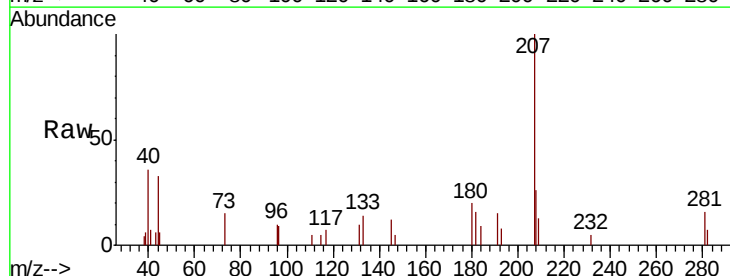


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

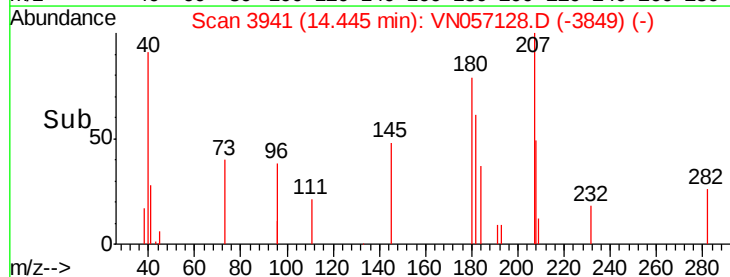
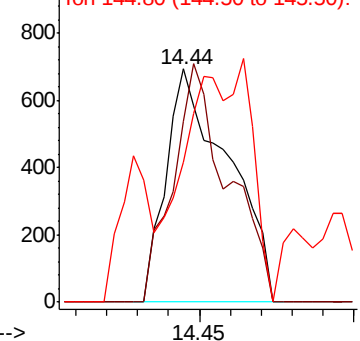


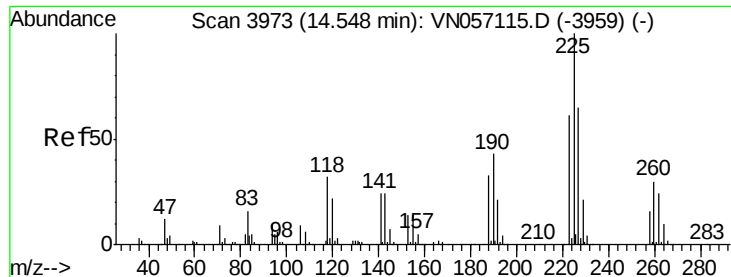
#93
1,2,4-Trichlorobenzene
Concen: 6.052 ug/l
RT: 14.44 min Scan# 3941
Delta R.T. -0.00 min
Lab File: VN057128.D
Acq: 8 Aug 2019 13:34

Tgt Ion:180 Resp: 972
Ion Ratio Lower Upper
180 100
182 90.2 47.5 142.6
145 34.2 14.1 42.2



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 14.55 min Scan# 3973

Delta R.T. 0.00 min

Lab File: VN057128.D

Acq: 8 Aug 2019 13:34

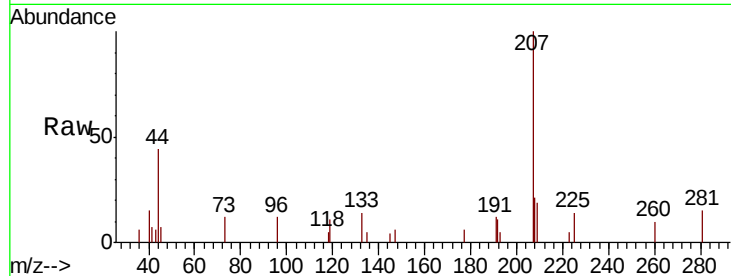
Instrument :

MSVOA_N

ClientSampleId :

EO-01-080719-A

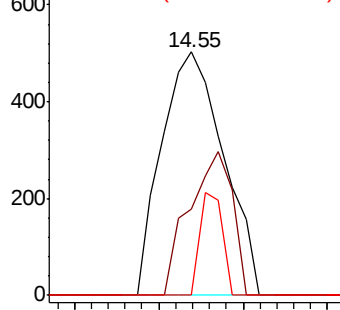
Tgt Ion:	225	Resp:	513
Ion Ratio		Lower	Upper
225	100		
223	41.3	30.9	92.8
227	15.4	32.4	97.0#



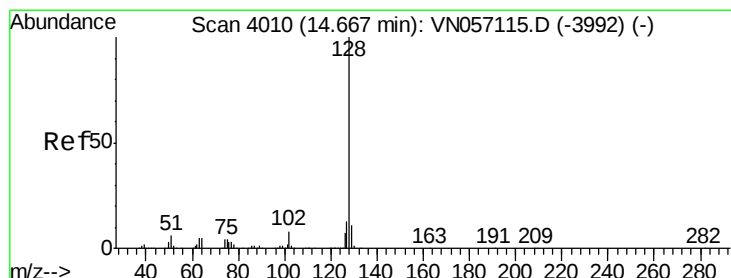
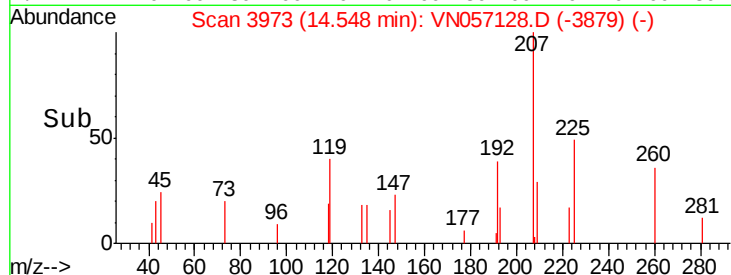
Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



Time--> 14.52 14.54 14.56



#95

Naphthalene

Concen: 4.368 ug/l

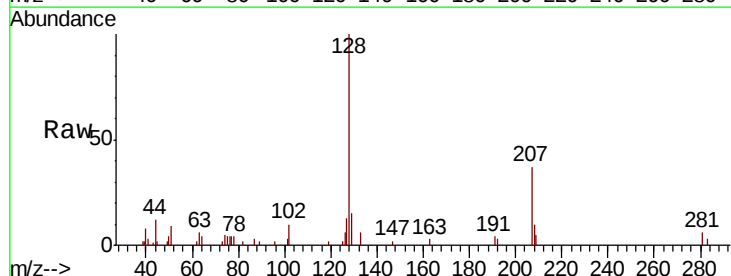
RT: 14.66 min Scan# 4009

Delta R.T. -0.00 min

Lab File: VN057128.D

Acq: 8 Aug 2019 13:34

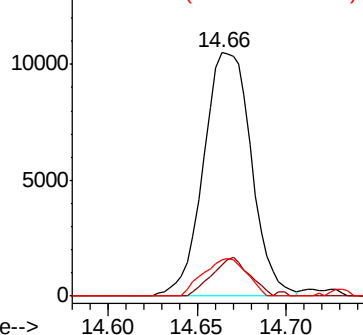
Tgt Ion:	128	Resp:	19726
Ion Ratio		Lower	Upper
128	100		
127	12.2	10.3	15.5
129	14.0	8.8	13.2#



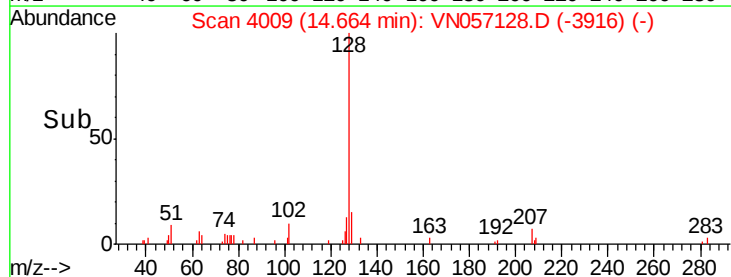
Abundance Ion 128.00 (127.70 to 128.70): V

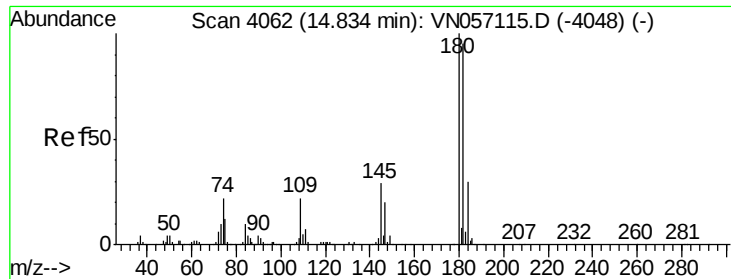
Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time--> 14.60 14.65 14.70





#96
 1,2,3-Trichlorobenzene
 Concen: 5.845 ug/l
 RT: 14.84 min Scan# 4064
 Delta R.T. 0.01 min
 Lab File: VN057128.D
 Acq: 8 Aug 2019 13:34

Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-080719-A

Tgt Ion	Ratio	Lower	Upper
180	100		
182	122.0	48.3	144.8
145	43.7	14.9	44.5

