

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070119\
 Data File : VN056572.D
 Acq On : 1 Jul 2019 15:11
 Operator : JC/SP
 Sample : K3160-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jul 02 01:08:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	315066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	556119	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	567145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	164514	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	192111	55.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.04%	
35) Dibromofluoromethane	7.59	113	166749	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
50) Toluene-d8	10.09	98	708768	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
62) 4-Bromofluorobenzene	12.40	95	227636	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	

Target Compounds

						Qvalue
14) Allyl chloride	4.55	41	9326	2.013	ug/l #	28
16) Acetone	3.82	43	15264	8.725	ug/l	93
18) Methyl Acetate	4.34	43	5922	0.876	ug/l #	80
20) Methylene Chloride	4.55	84	249262	76.042	ug/l	99
25) 2-Butanone	6.86	43	1415	0.611	ug/l #	49
29) Tetrahydrofuran	7.22	42	439	0.310	ug/l #	39
30) Chloroform	7.37	83	5551	1.007	ug/l	88
31) Cyclohexane	7.66	56	5308	0.984	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	20545	4.197	ug/l #	49
38) Carbon Tetrachloride	7.66	117	27667	6.464	ug/l #	14
40) Benzene	8.04	78	5291	0.351	ug/l	95
43) Isopropyl Acetate	8.17	43	18378	2.478	ug/l #	89
45) 1,2-Dichloropropane	9.27	63	1525	0.379	ug/l #	43
47) Bromodichloromethane	9.41	83	955	0.214	ug/l #	92
48) Methyl methacrylate	9.18	41	9910	2.666	ug/l #	20
51) 4-Methyl-2-Pentanone	9.99	43	4078	0.852	ug/l	98
54) cis-1,3-Dichloropropene	9.90	75	50476	9.381	ug/l #	63
55) 1,1,2-Trichloroethane	10.53	97	838	0.226	ug/l #	15
57) 1,3-Dichloropropane	10.76	76	9455	1.521	ug/l #	42
59) 2-Hexanone	10.76	43	128872	36.625	ug/l #	51
60) Dibromochloromethane	10.90	129	31	2.390	ug/l #	10
71) Bromoform	12.40	173	1775	3.678	ug/l #	1
73) Isopropylbenzene	12.25	105	1205	Below Cal		87
74) N-ethyl acetate	11.88	43	9508	1.816	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	12.55	83	315	Below Cal	#	25
76) 1,2,3-Trichloropropane	12.40	75	107644	31.556	ug/l #	100
79) 2-Chlorotoluene	12.67	91	472	Below Cal	#	40
80) 1,3,5-Trimethylbenzene	12.73	105	3030	Below Cal		100
81) trans-1,4-Dichloro-2-buten	12.40	75	107644	112.154	ug/l #	8
83) tert-Butylbenzene	12.99	119	1045	Below Cal		83
85) sec-Butylbenzene	13.17	105	11627	0.878	ug/l	82
89) n-Butylbenzene	13.59	91	2254	0.262	ug/l #	24
90) Hexachloroethane	13.89	117	4508	2.544	ug/l #	4
92) 1,2-Dibromo-3-Chloropropan	14.21	75	140	0.230	ug/l #	1

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QLast Update : Fri Jun 21 03:45:40 2019
Response via : Initial Calibration

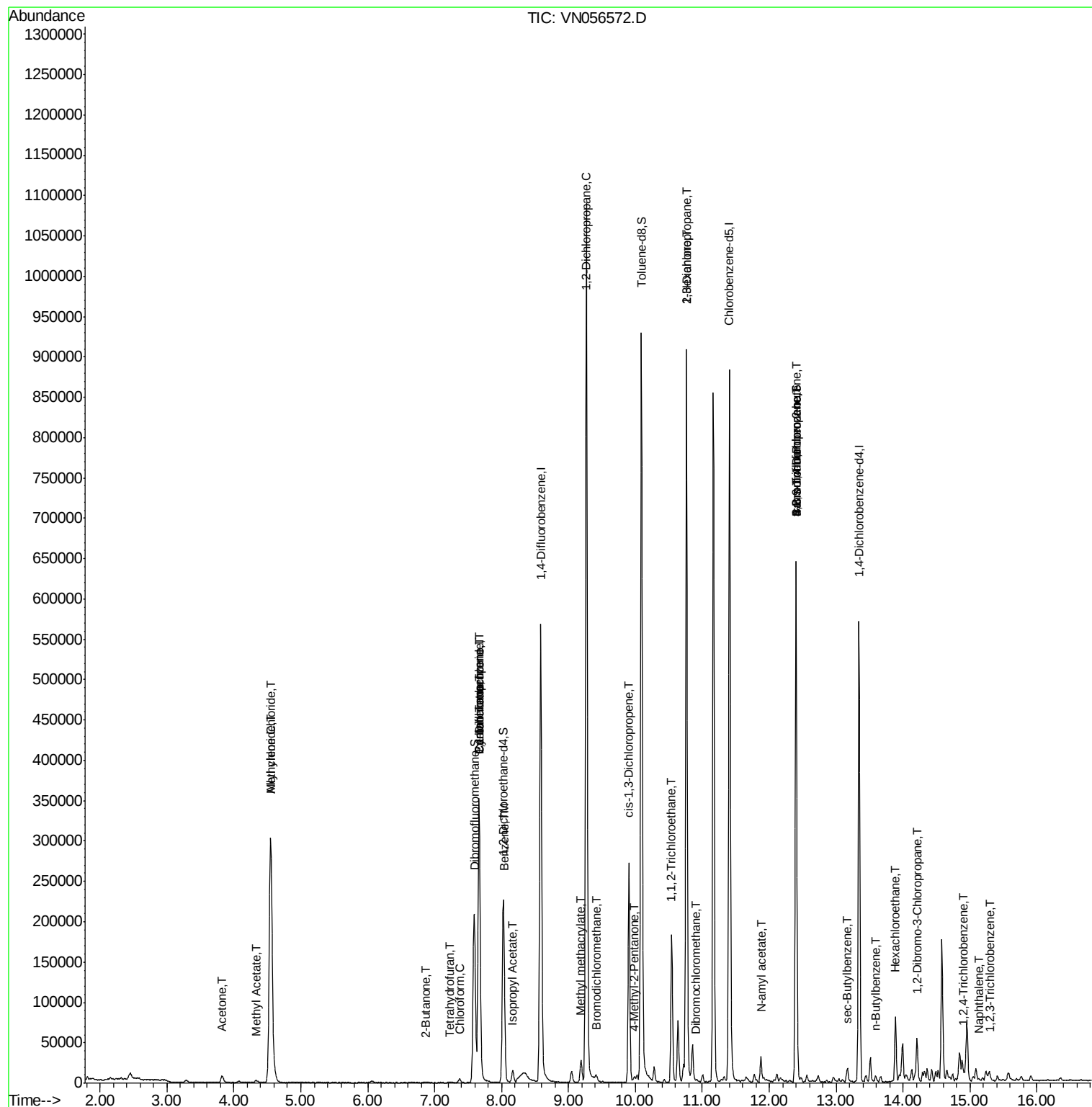
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	323	5.714	ug/l #	1
95) Naphthalene	15.13	128	3073	5.610	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.32	180	514	4.638	ug/l #	75

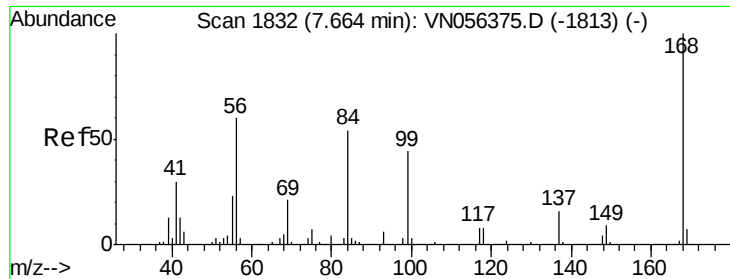
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070119\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056572.D

Acq: 1 Jul 2019 15:11

Instrument :

MSVOA_N

ClientSampleId :

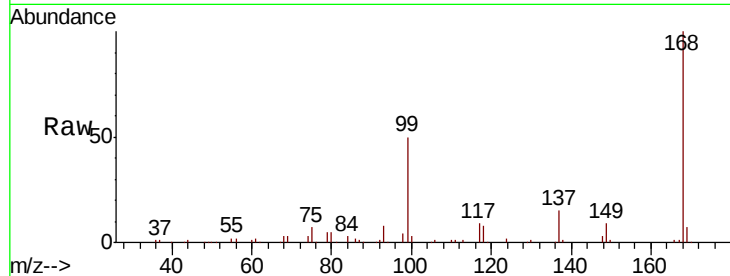
EO-01-062819-A

Tot Ion:168 Resp: 315066

Ion Ratio Lower Upper

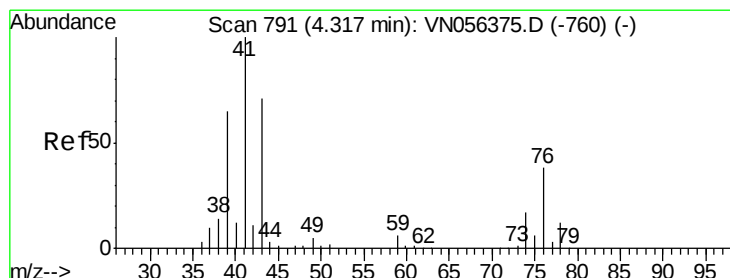
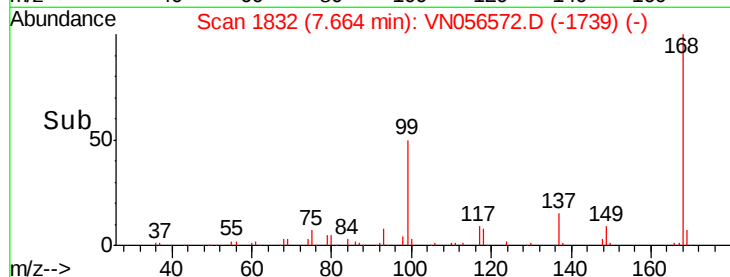
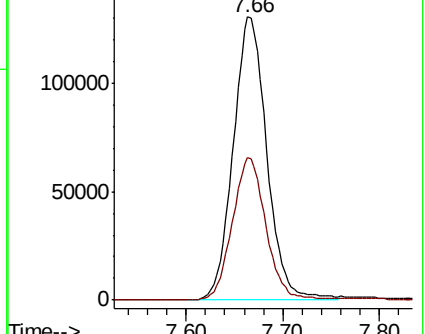
168 100

99 50.2 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#14

Allyl chloride

Concen: 2.013 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.23 min

Lab File: VN056572.D

Acq: 1 Jul 2019 15:11

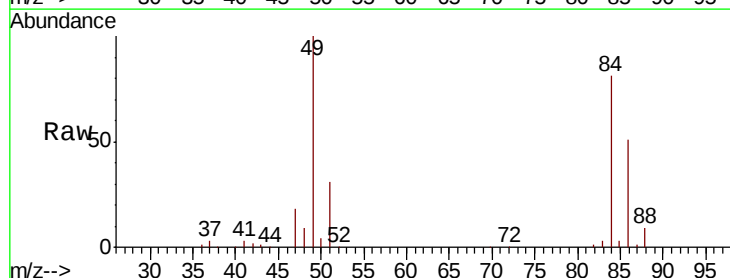
Tgt Ion: 41 Resp: 9326

Ion Ratio Lower Upper

41 100

39 0.0 48.6 73.0#

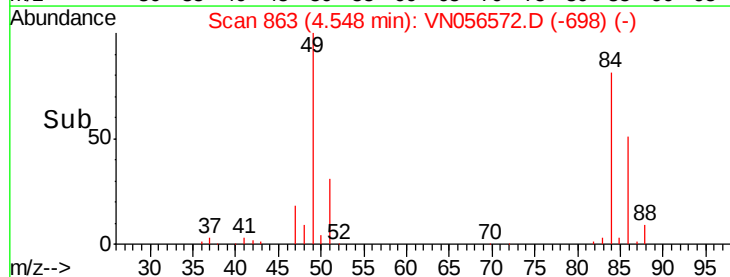
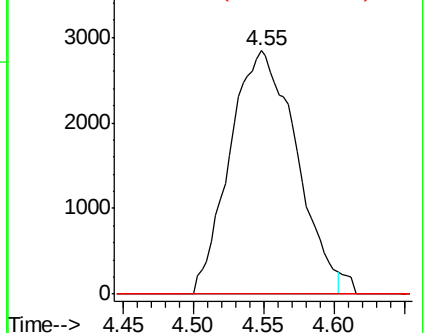
76 0.0 26.6 40.0#

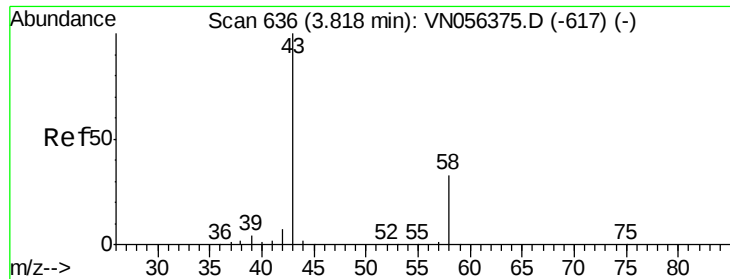


Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 39.00 (38.70 to 39.70): VN

Ion 75.90 (75.60 to 76.60): VN





#16

Acetone

Concen: 8.725 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056572.D

Acq: 1 Jul 2019 15:11

Instrument :

MSVOA_N

ClientSampleId :

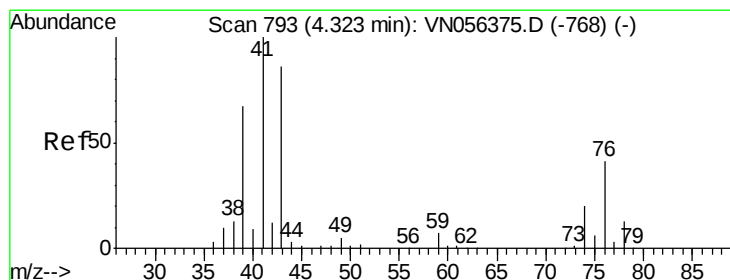
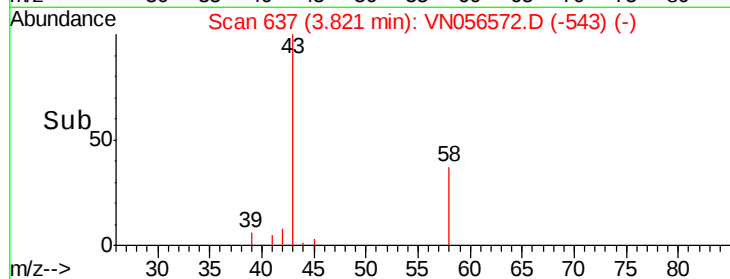
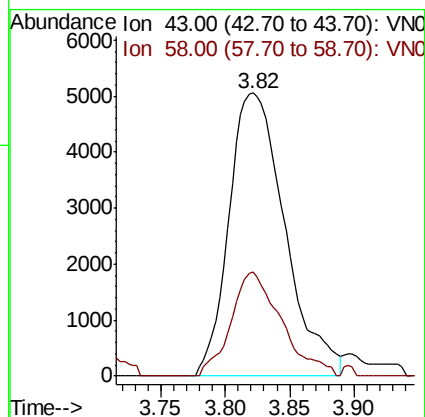
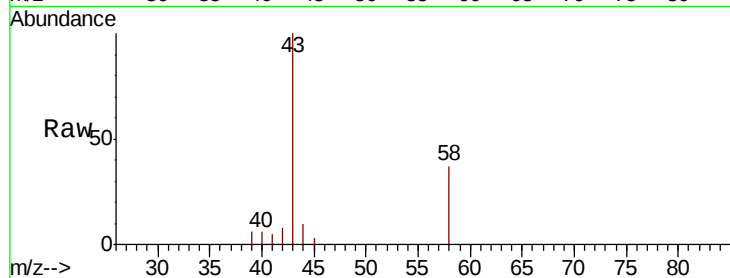
EO-01-062819-A

Tot Ion: 43 Resp: 15264

Ion Ratio Lower Upper

43 100

58 36.9 26.4 39.6



#18

Methyl Acetate

Concen: 0.876 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN056572.D

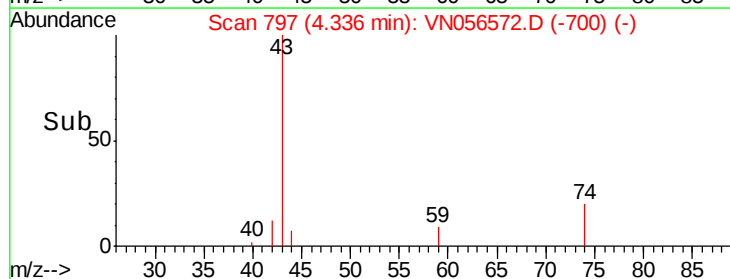
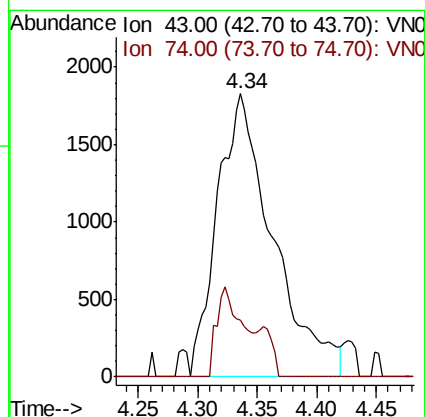
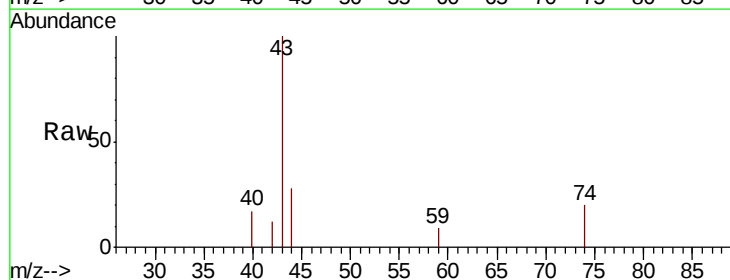
Acq: 1 Jul 2019 15:11

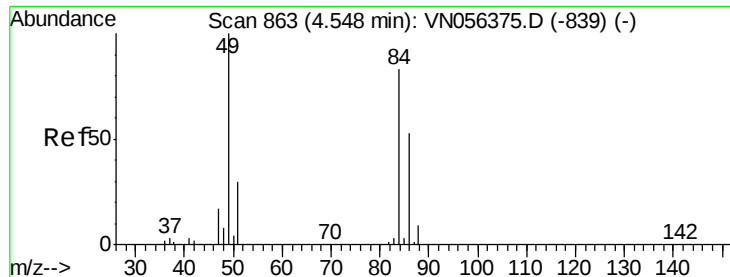
Tgt Ion: 43 Resp: 5922

Ion Ratio Lower Upper

43 100

74 14.1 19.2 28.8#



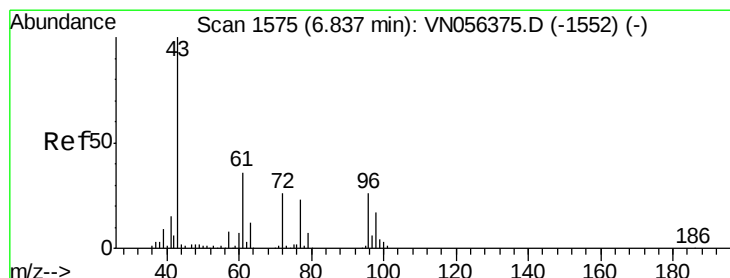
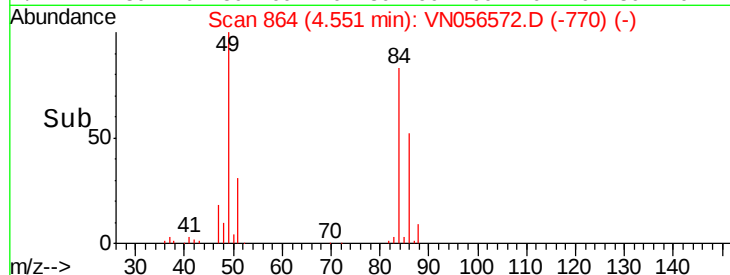
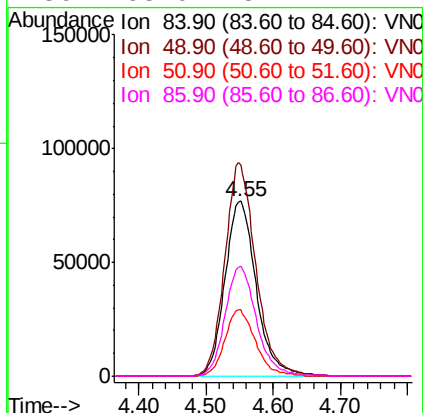
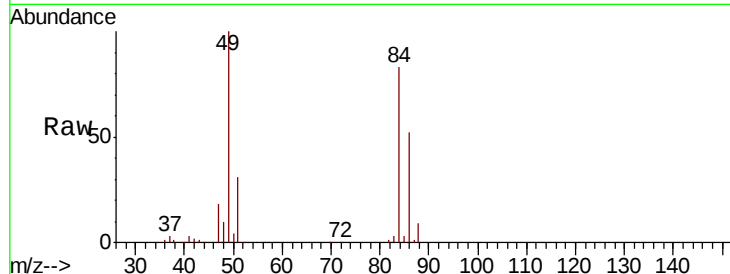


#20
Methvlene Chloride
Concen: 76.042 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056572.D
Acq: 1 Jul 2019 15:11

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

Tot Ion: 84 Resp: 249262

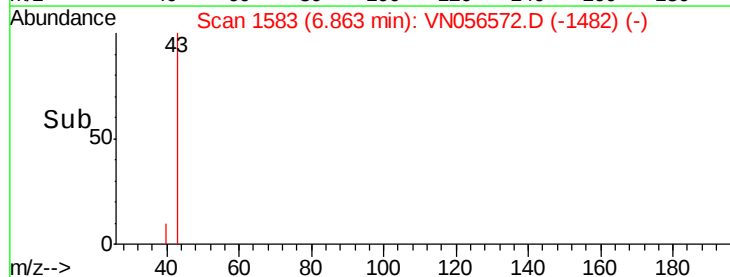
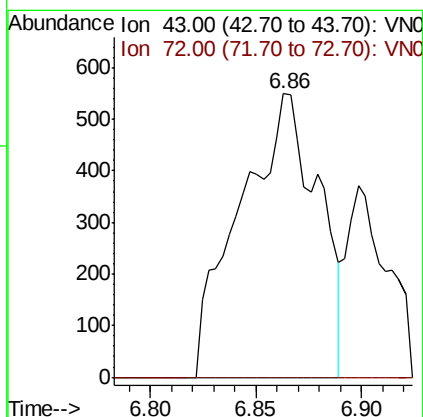
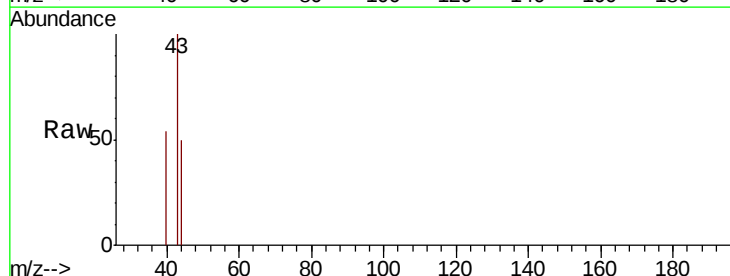
Ion	Ratio	Lower	Upper
84	100		
49	120.5	96.4	144.6
51	37.8	28.6	43.0
86	63.0	51.4	77.2

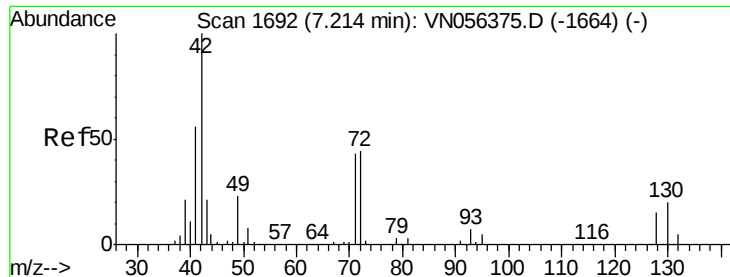


#25
2-Butanone
Concen: 0.611 ug/l
RT: 6.86 min Scan# 1583
Delta R.T. 0.03 min
Lab File: VN056572.D
Acq: 1 Jul 2019 15:11

Tgt Ion: 43 Resp: 1415

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.6	31.0#





#29

Tetrahydrofuran

Concen: 0.310 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN056572.D

Acq: 1 Jul 2019 15:11

Instrument :

MSVOA_N

ClientSampleId :

EO-01-062819-A

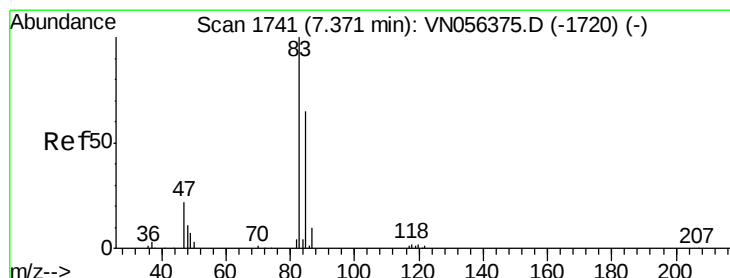
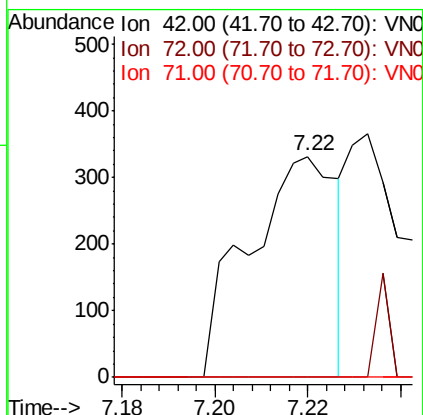
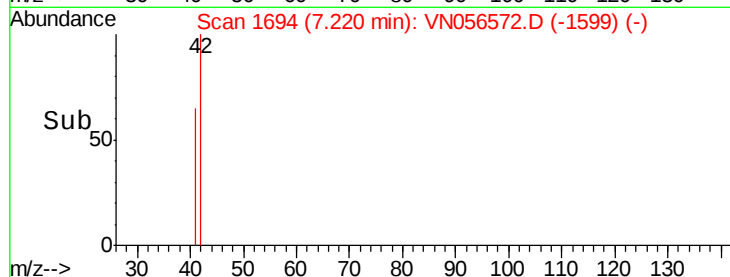
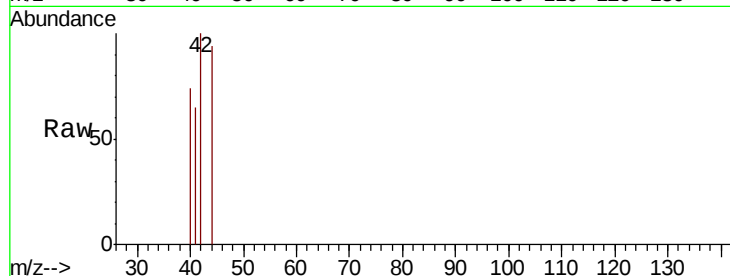
Tot Ion: 42 Resp: 439

Ion Ratio Lower Upper

42 100

72 6.8 34.7 52.1#

71 0.0 33.0 49.6#



#30

Chloroform

Concen: 1.007 ug/l

RT: 7.37 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VN056572.D

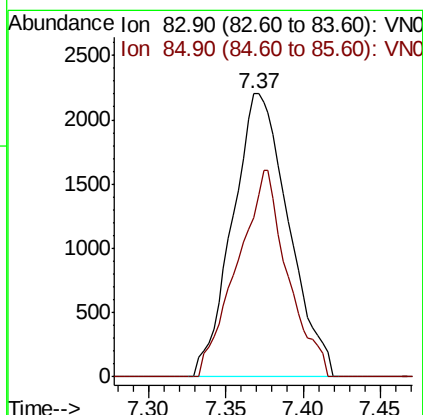
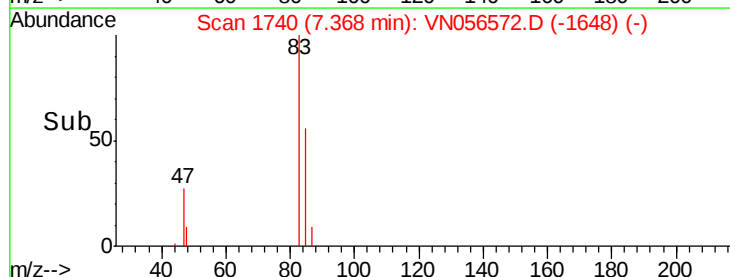
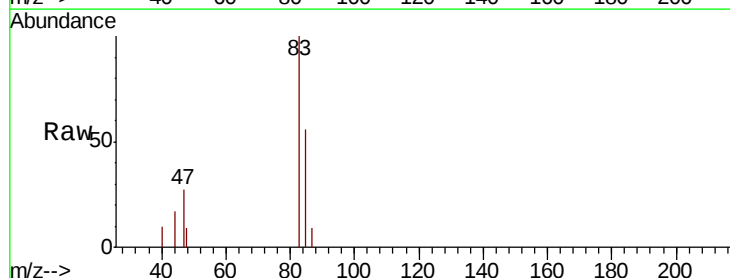
Acq: 1 Jul 2019 15:11

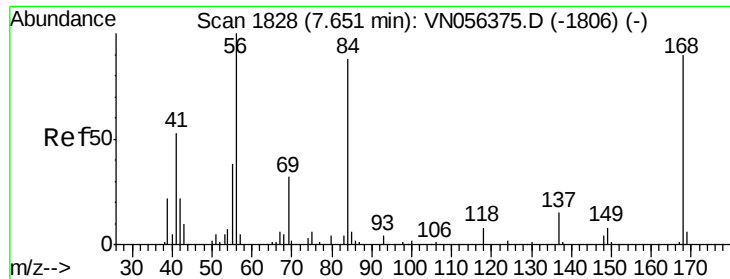
Tgt Ion: 83 Resp: 5551

Ion Ratio Lower Upper

83 100

85 56.2 52.3 78.5

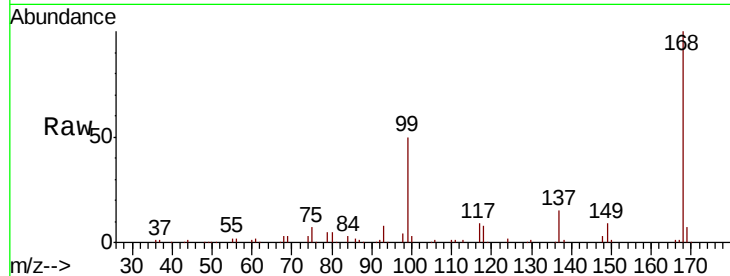




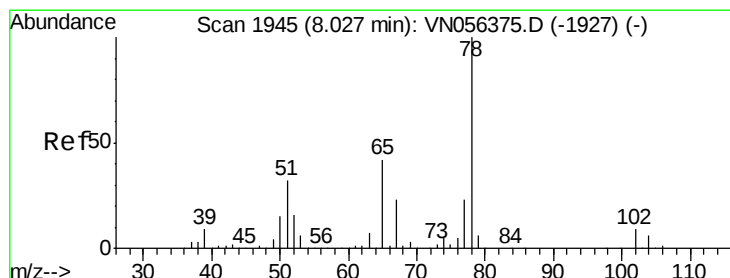
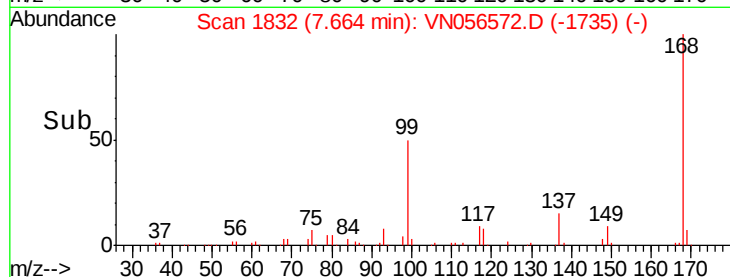
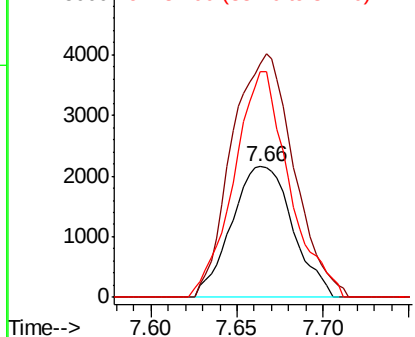
#31
Cyclohexane
Concen: 0.984 ug/l
RT: 7.66 min Scan# 1832
Delta R.T. 0.01 min
Lab File: VN056572.D
Acq: 1 Jul 2019 15:11

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Tot Ion: 56 Resp: 5308
Ion Ratio Lower Upper
56 100
69 179.0 25.8 38.6#
84 172.7 69.4 104.0#

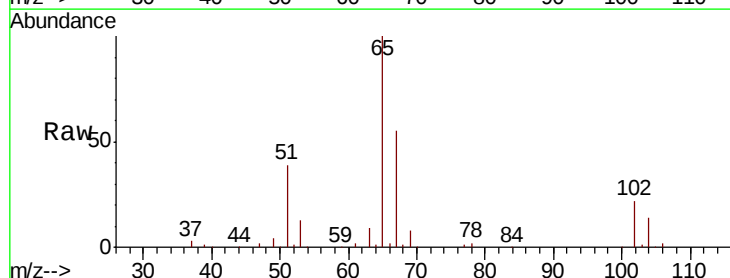


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

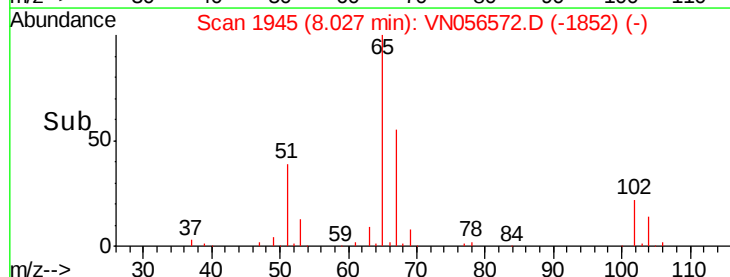
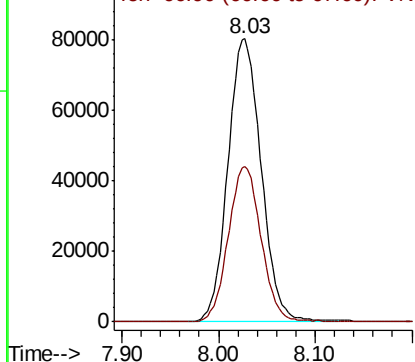


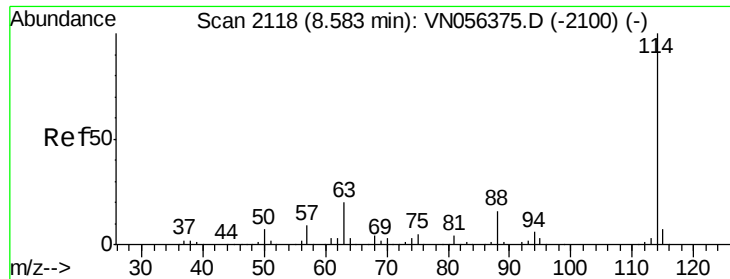
#33
1,2-Dichloroethane-d4
Concen: 55.016 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN056572.D
Acq: 1 Jul 2019 15:11

Tgt Ion: 65 Resp: 192111
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

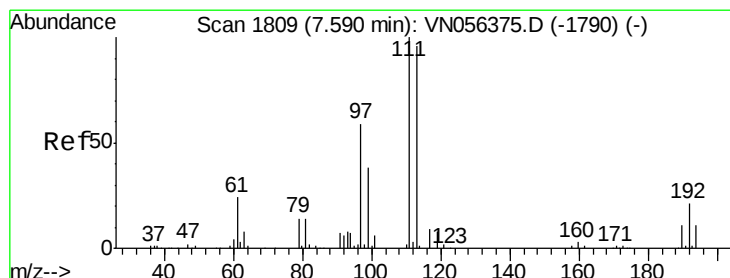
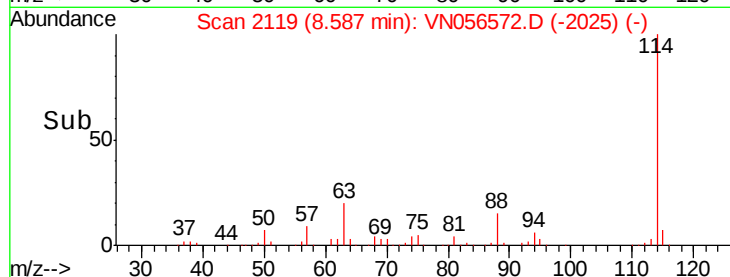
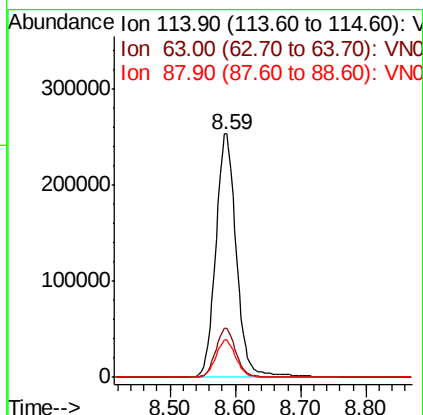
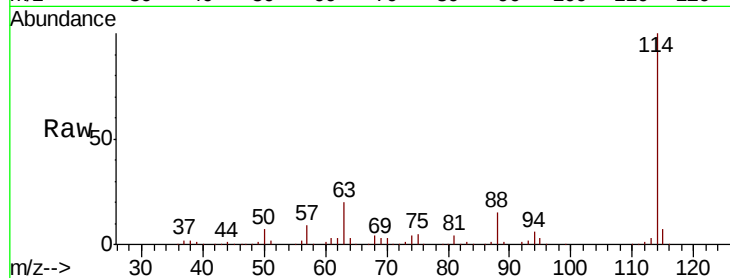




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056572.D
 Acq: 1 Jul 2019 15:11

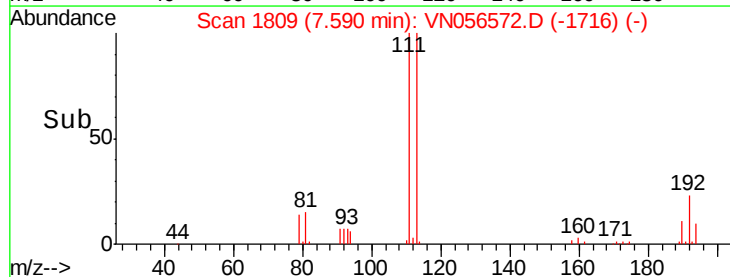
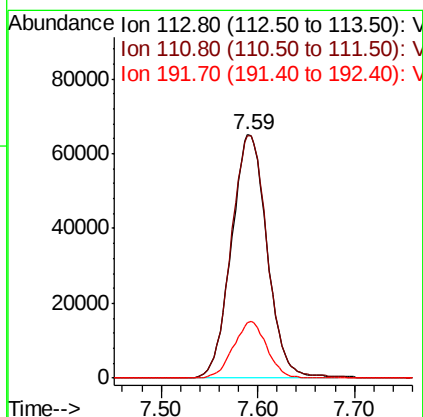
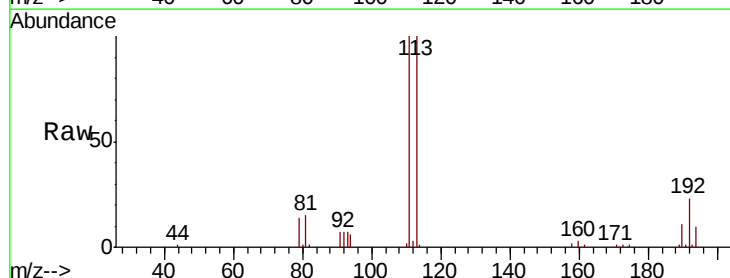
Instrument :
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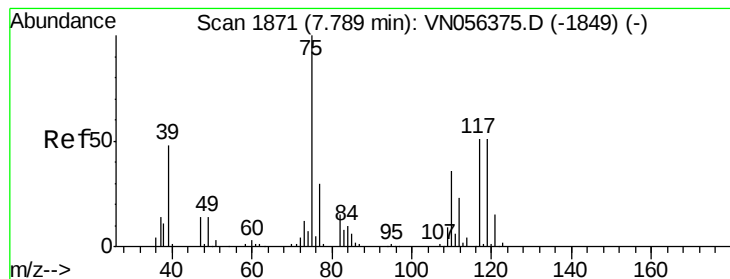
Tot Ion:114 Resp: 556119
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.2
 88 15.3 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 48.065 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN056572.D
 Acq: 1 Jul 2019 15:11

Tgt Ion:113 Resp: 166749
 Ion Ratio Lower Upper
 113 100
 111 100.3 82.9 124.3
 192 21.8 17.7 26.5





#36

1,1-Dichloropropene

Concen: 4.197 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.13 min

Lab File: VN056572.D

Acq: 1 Jul 2019 15:11

Instrument :

MSVOA_N

ClientSampleId :

EO-01-062819-A

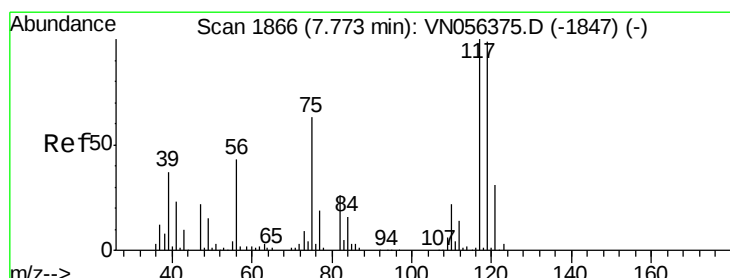
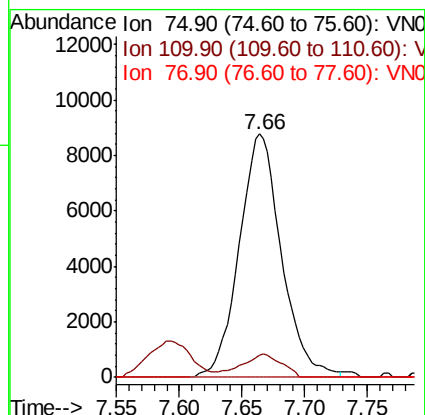
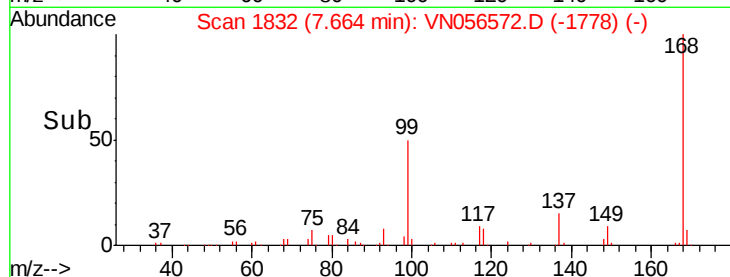
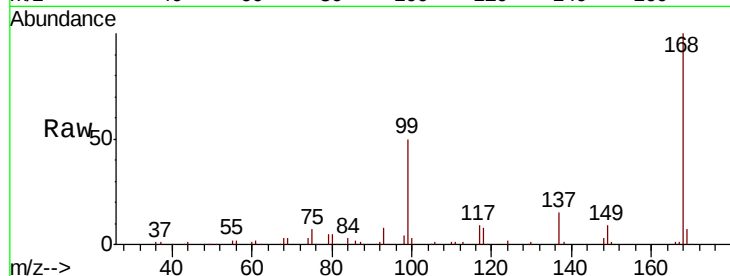
Tot Ion: 75 Resp: 20545

Ion Ratio Lower Upper

75 100

110 9.2 18.1 54.3#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 6.464 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN056572.D

Acq: 1 Jul 2019 15:11

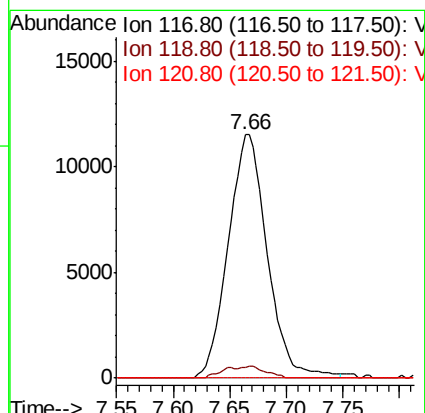
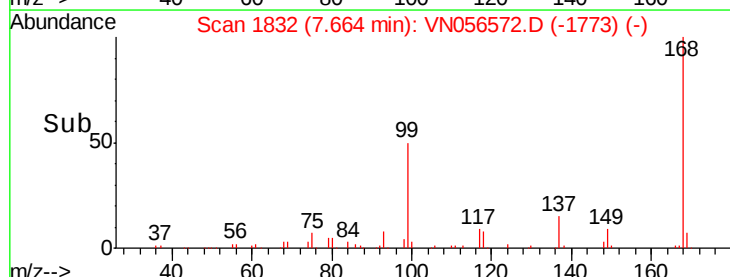
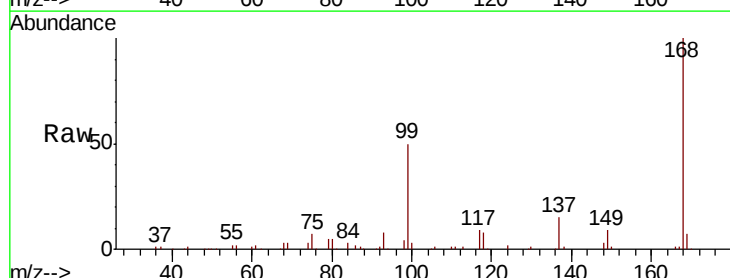
Tgt Ion: 117 Resp: 27667

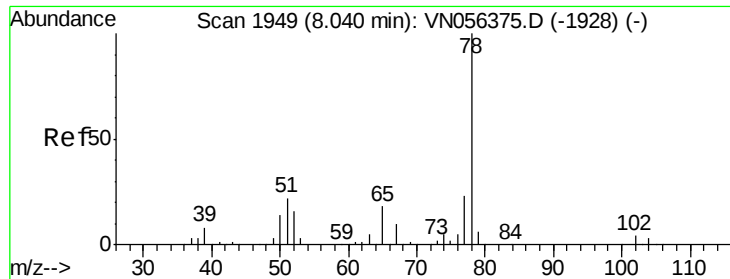
Ion Ratio Lower Upper

117 100

119 4.6 79.1 118.7#

121 0.0 24.8 37.2#





#40

Benzene

Concen: 0.351 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN056572.D

Acq: 1 Jul 2019 15:11

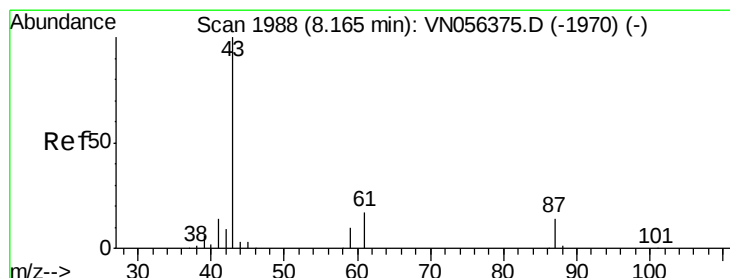
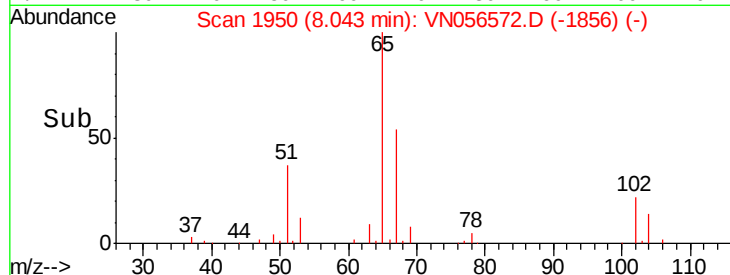
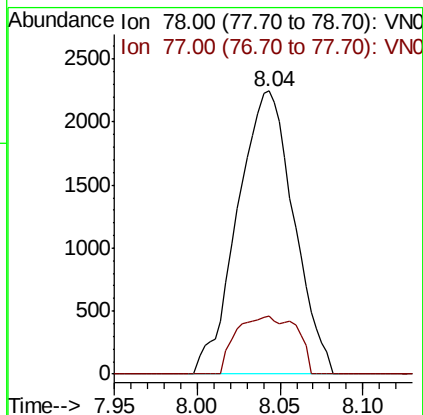
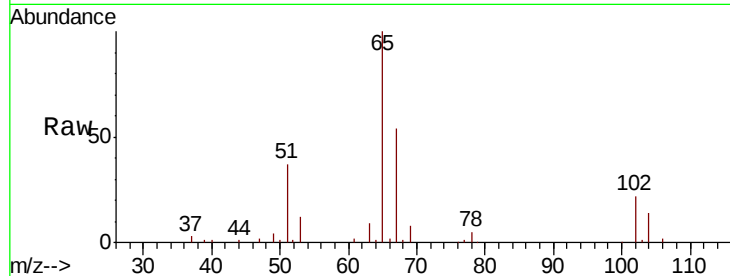
Instrument :
MSVOA_N
ClientSampleId :
EO-01-062819-A

Tot Ion: 78 Resp: 5291

Ion Ratio Lower Upper

78 100

77 20.4 18.3 27.5



#43

Isopropyl Acetate

Concen: 2.478 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056572.D

Acq: 1 Jul 2019 15:11

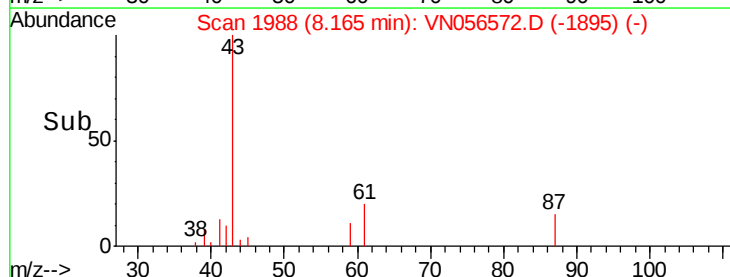
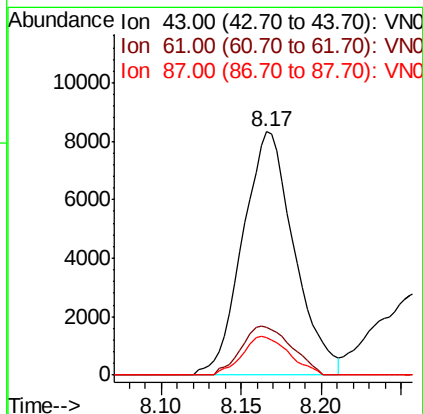
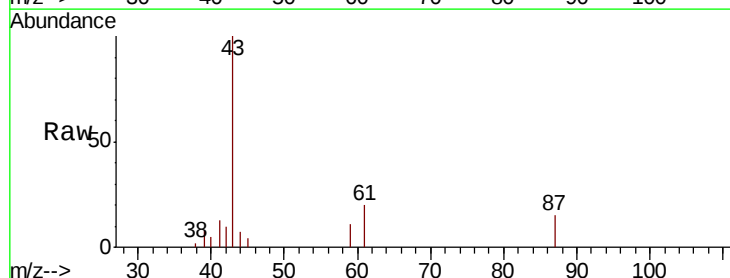
Tgt Ion: 43 Resp: 18378

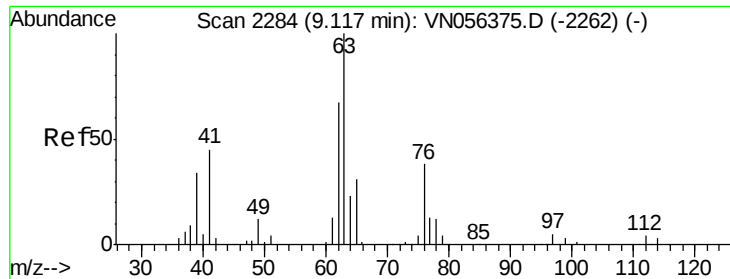
Ion Ratio Lower Upper

43 100

61 19.7 22.0 33.0#

87 14.3 11.0 16.4

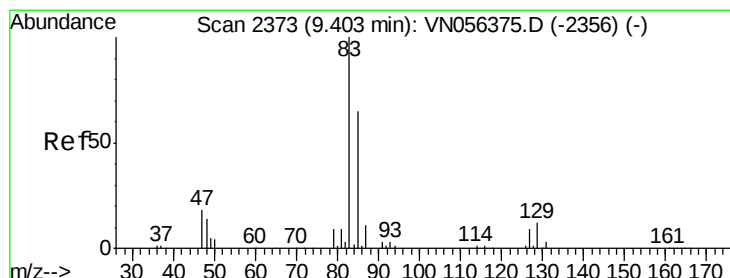
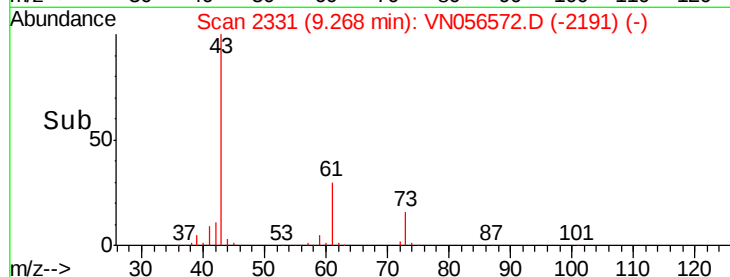
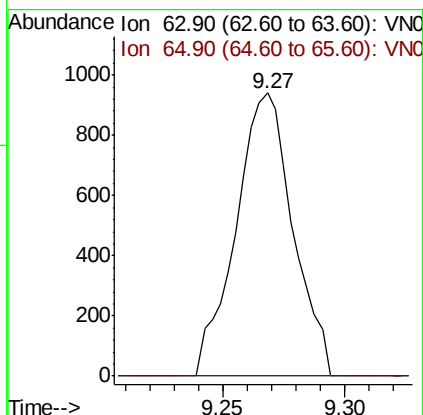
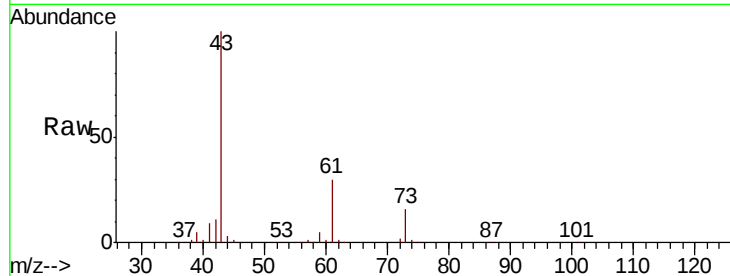




#45
 1,2-Dichloropropane
 Concen: 0.379 ug/l
 RT: 9.27 min Scan# 2331
 Delta R.T. 0.15 min
 Lab File: VN056572.D
 Acq: 1 Jul 2019 15:11

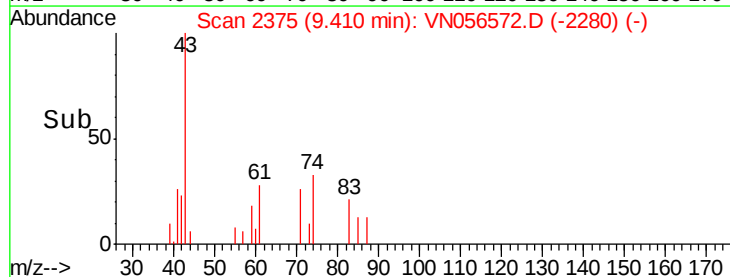
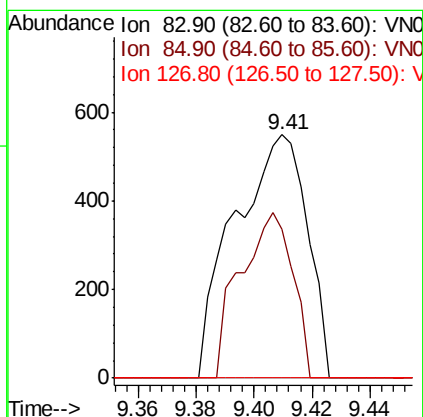
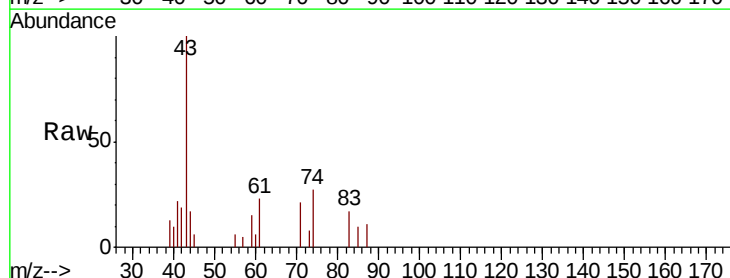
Instrument :
 MSVOA_N
 ClientSampled :
 EO-01-062819-A

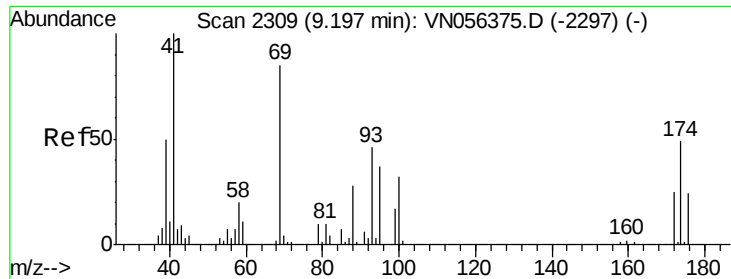
Tot Ion: 63 Resp: 1525
 Ion Ratio Lower Upper
 63 100
 65 0.0 25.0 37.6#



#47
 Bromodichloromethane
 Concen: 0.214 ug/l
 RT: 9.41 min Scan# 2375
 Delta R.T. 0.01 min
 Lab File: VN056572.D
 Acq: 1 Jul 2019 15:11

Tgt Ion: 83 Resp: 955
 Ion Ratio Lower Upper
 83 100
 85 61.0 52.2 78.4
 127 0.0 7.3 10.9#

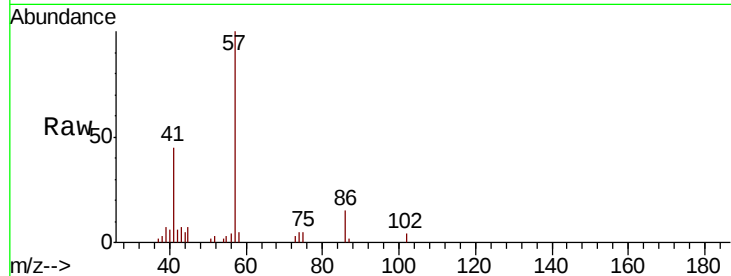




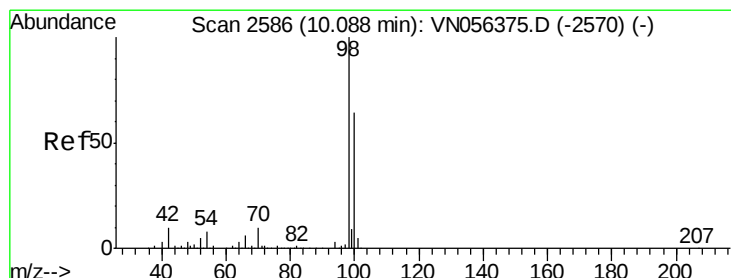
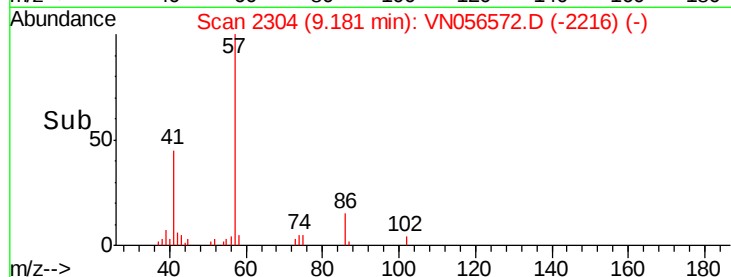
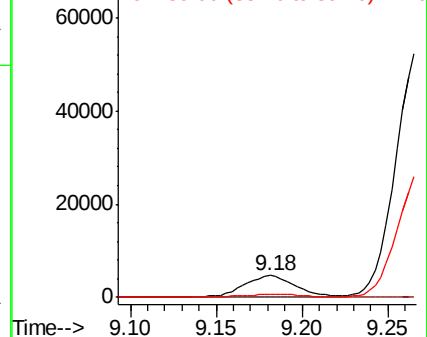
#48
Methvl methacrylate
Concen: 2.666 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN056572.D
Acq: 1 Jul 2019 15:11

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

Tot Ion: 41 Resp: 9910
Ion Ratio Lower Upper
41 100
69 0.0 72.6 109.0#
39 15.5 42.6 63.8#

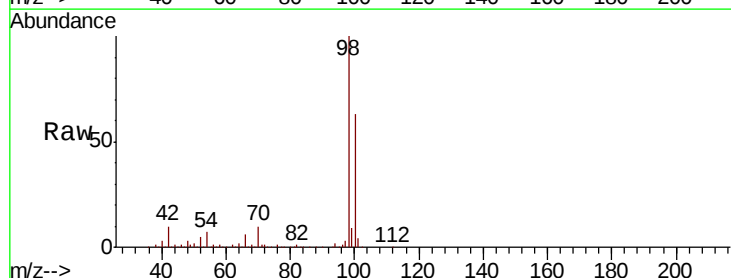


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

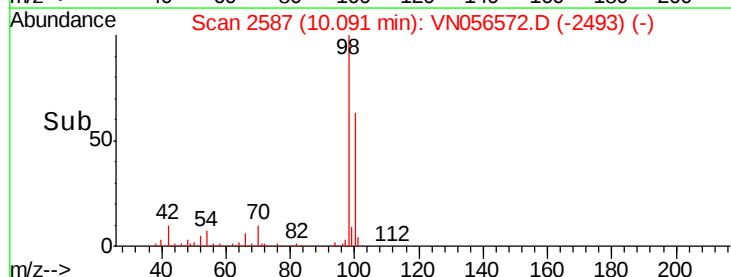
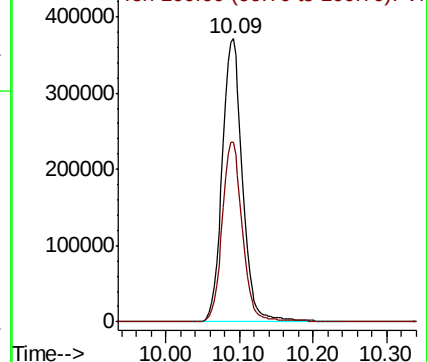


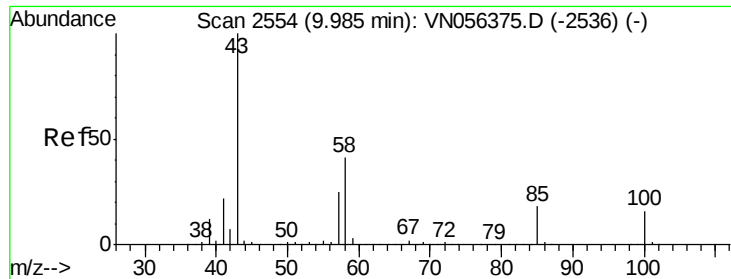
#50
Toluene-d8
Concen: 52.504 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN056572.D
Acq: 1 Jul 2019 15:11

Tgt Ion: 98 Resp: 708768
Ion Ratio Lower Upper
98 100
100 63.6 52.2 78.2



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





#51

4-Methyl-2-Pentanone

Concen: 0.852 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056572.D

Acq: 1 Jul 2019 15:11

Instrument :

MSVOA_N

ClientSampleId :

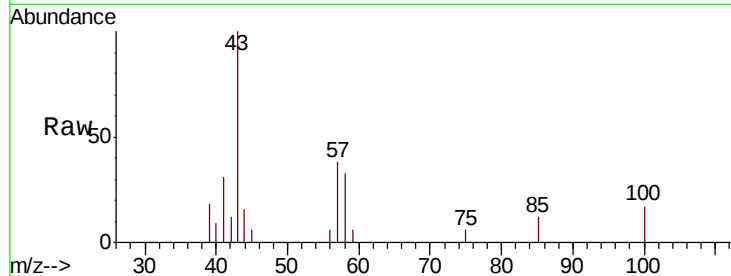
EO-01-062819-A

Tot Ion: 43 Resp: 4078

Ion Ratio Lower Upper

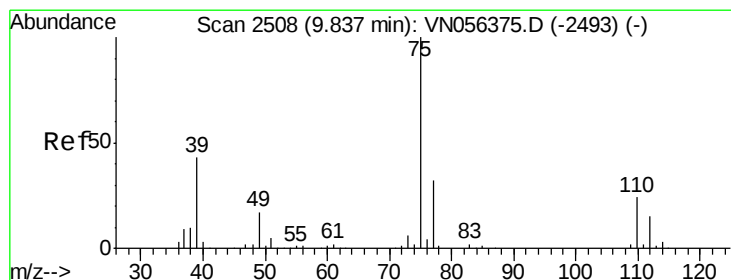
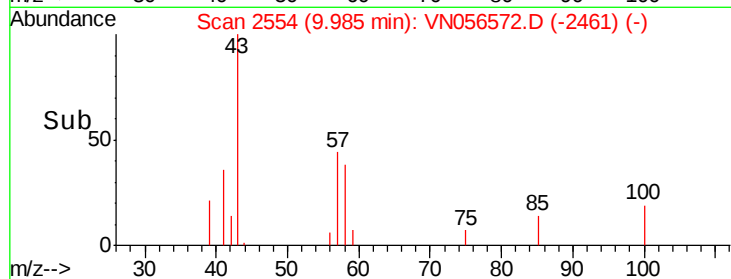
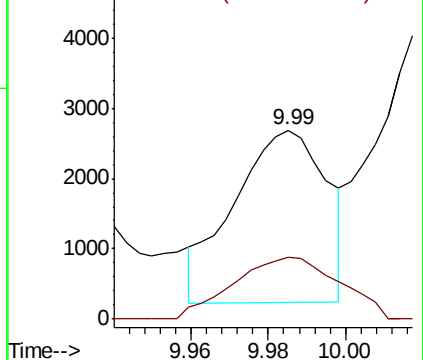
43 100

58 41.1 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#54

cis-1,3-Dichloropropene

Concen: 9.381 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN056572.D

Acq: 1 Jul 2019 15:11

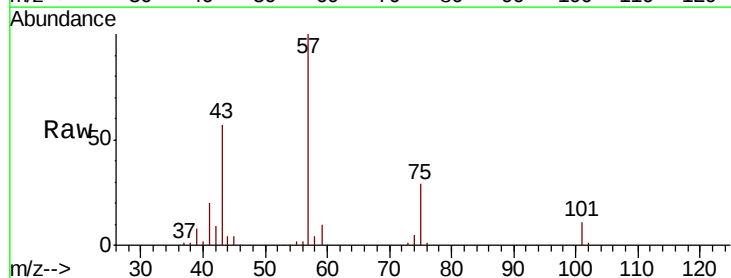
Tgt Ion: 75 Resp: 50476

Ion Ratio Lower Upper

75 100

77 0.0 25.2 37.8#

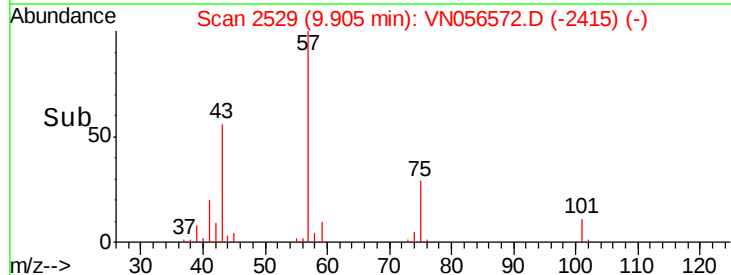
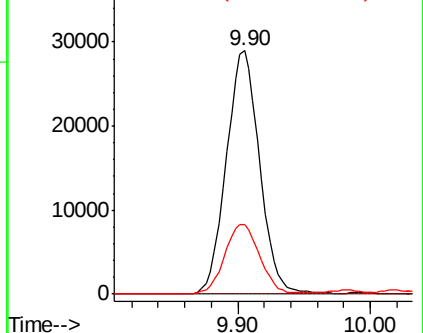
39 28.6 34.2 51.4#

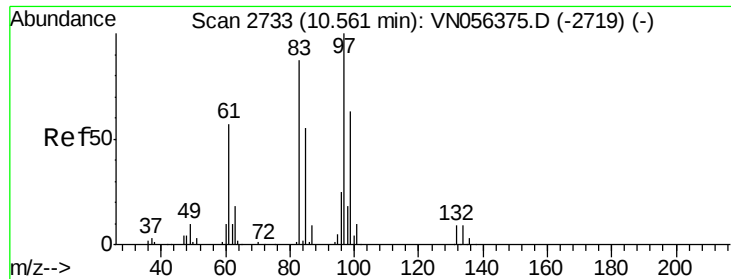


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

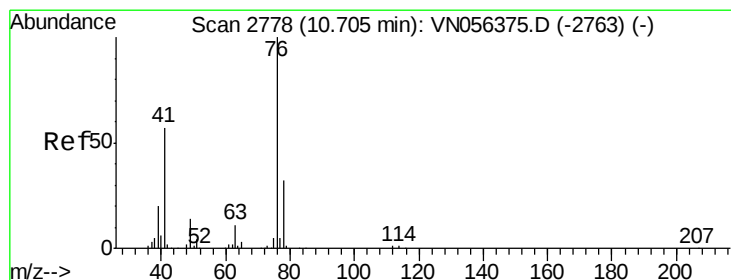
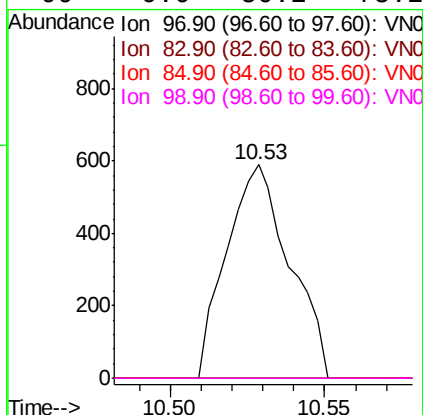
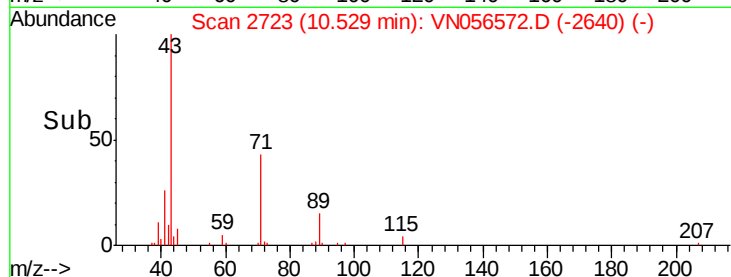
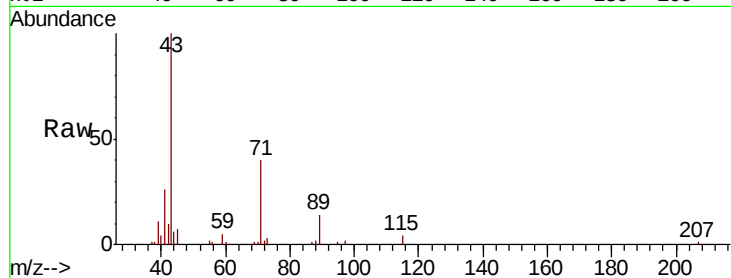




#55
 1,1,2-Trichloroethane
 Concen: 0.226 ug/l
 RT: 10.53 min Scan# 2723
 Delta R.T. -0.03 min
 Lab File: VN056572.D
 Acq: 1 Jul 2019 15:11

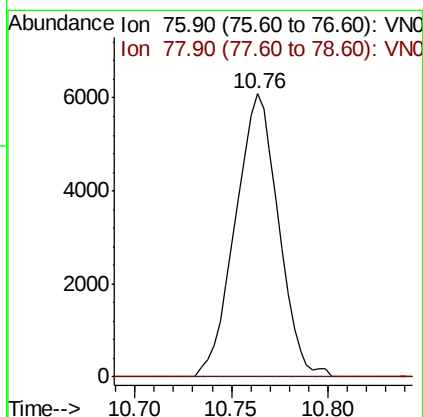
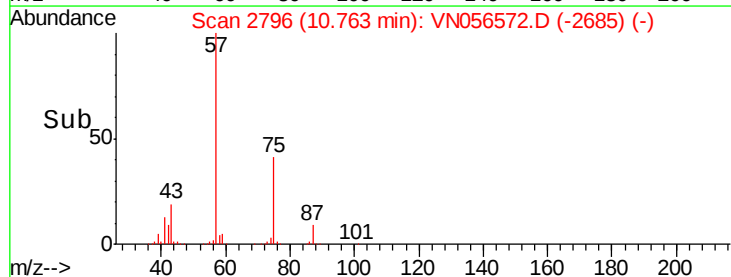
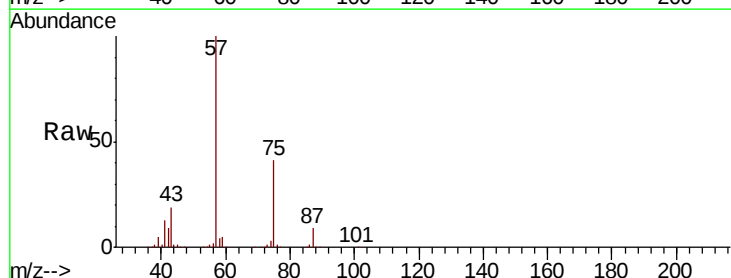
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-062819-A

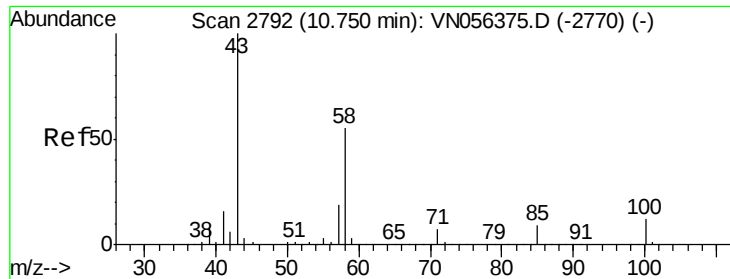
Tot Ion: 97 Resp: 838
 Ion Ratio Lower Upper
 97 100
 83 0.0 69.8 104.6#
 85 0.0 43.8 65.8#
 99 0.0 50.2 75.2#



#57
 1,3-Dichloropropane
 Concen: 1.521 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN056572.D
 Acq: 1 Jul 2019 15:11

Tgt Ion: 76 Resp: 9455
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.9 38.9#





#59

2-Hexanone

Concen: 36.625 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN056572.D

Acq: 1 Jul 2019 15:11

Instrument :

MSVOA_N

ClientSampled :

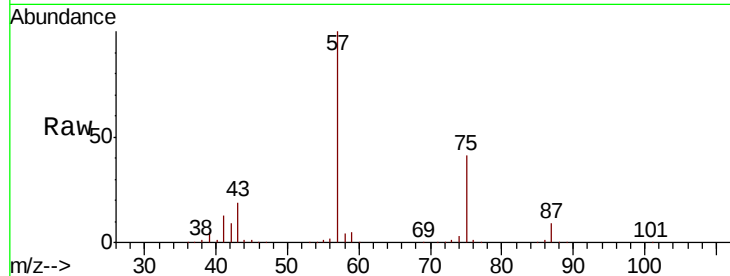
EO-01-062819-A

Tot Ion: 43 Resp: 128872

Ion Ratio Lower Upper

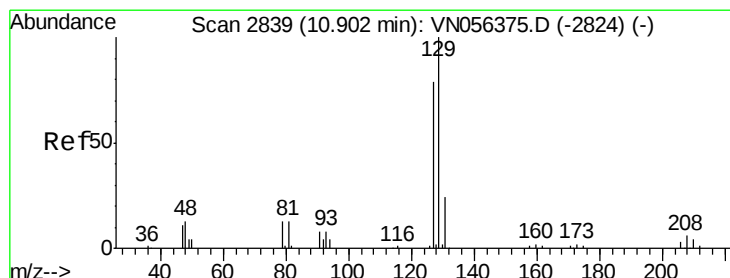
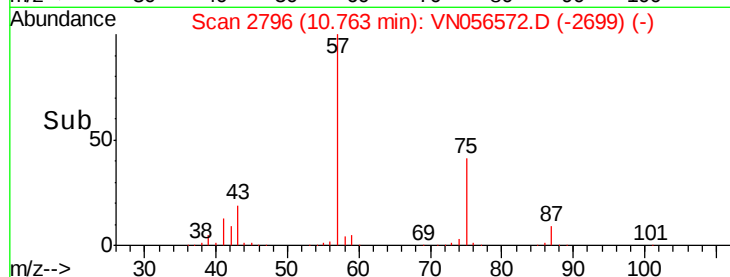
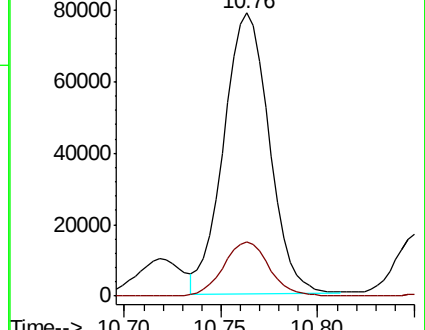
43 100

58 19.7 27.8 83.4#



Abundance Ion 43.00 (42.70 to 43.70): VN056375.D (-2770) (-)

Ion 58.00 (57.70 to 58.70): VN056375.D (-2770) (-)



#60

Dibromochloromethane

Concen: 2.390 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN056572.D

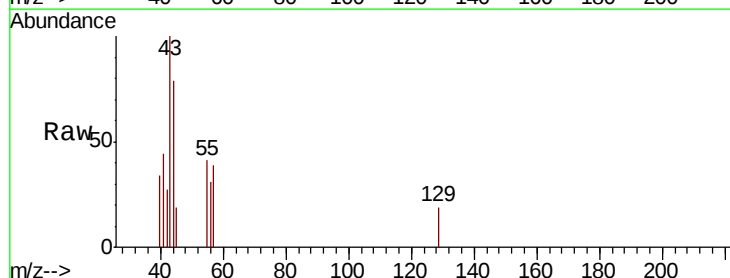
Acq: 1 Jul 2019 15:11

Tgt Ion: 129 Resp: 31

Ion Ratio Lower Upper

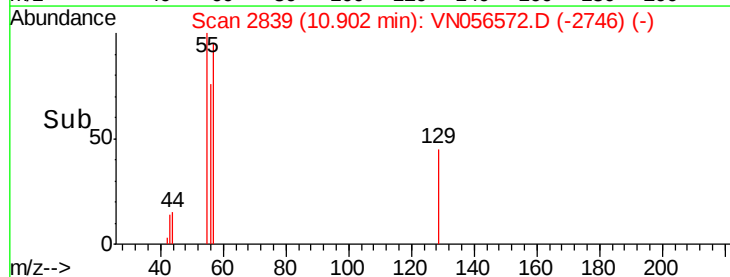
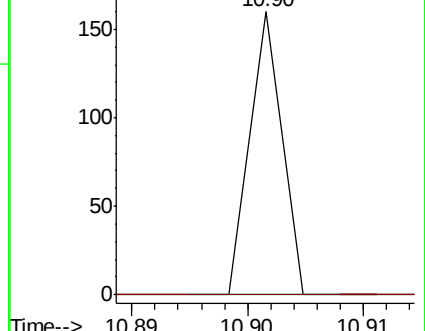
129 100

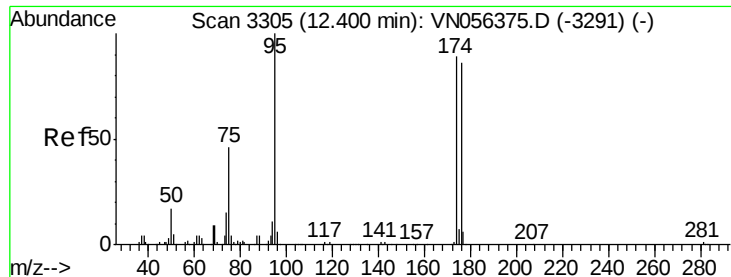
127 0.0 38.9 116.7#



Abundance Ion 128.80 (128.50 to 129.50): VN056375.D (-2824) (-)

Ion 126.80 (126.50 to 127.50): VN056375.D (-2824) (-)

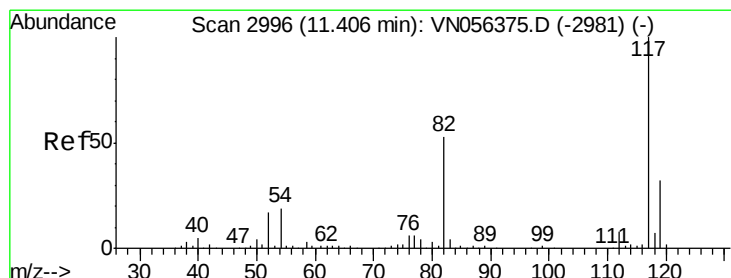
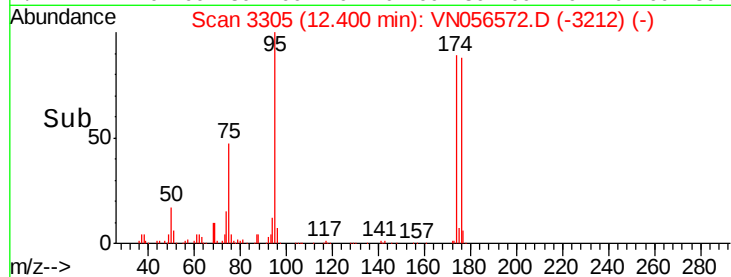
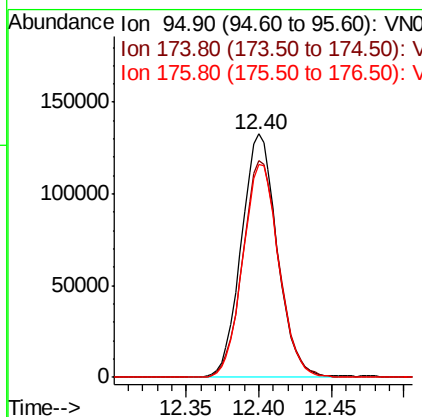
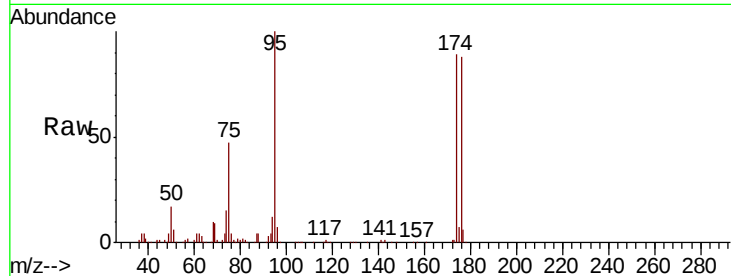




#62
4-Bromofluorobenzene
Concen: 50.585 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN056572.D
Acq: 1 Jul 2019 15:11

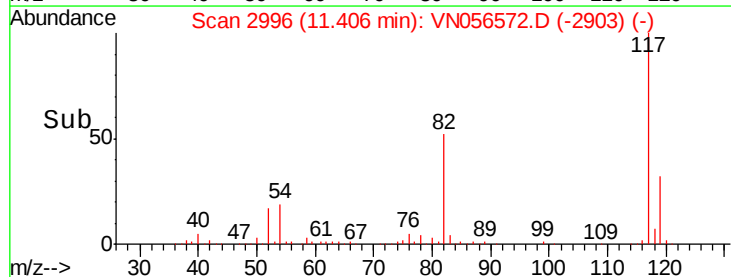
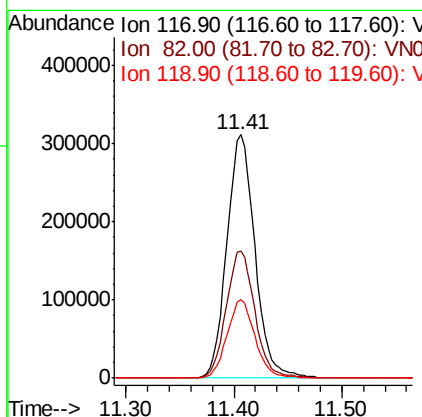
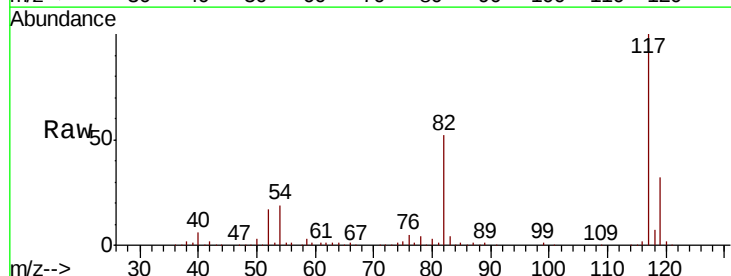
Instrument :
MSVOA_N
ClientSampleId :
EO-01-062819-A

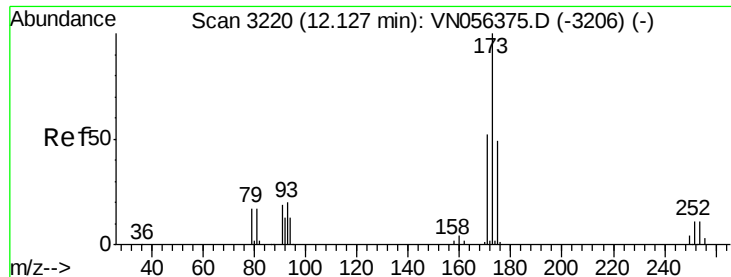
Tot Ion: 95 Resp: 227636
Ion Ratio Lower Upper
95 100
174 90.4 0.0 179.4
176 88.3 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056572.D
Acq: 1 Jul 2019 15:11

Tgt Ion: 117 Resp: 567145
Ion Ratio Lower Upper
117 100
82 52.3 42.0 63.0
119 32.3 25.3 37.9

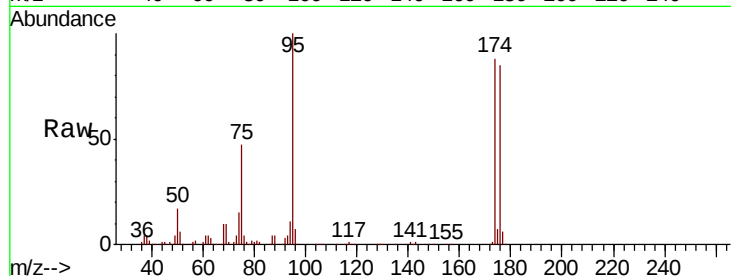




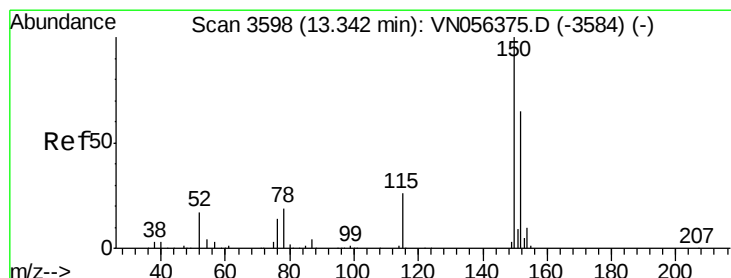
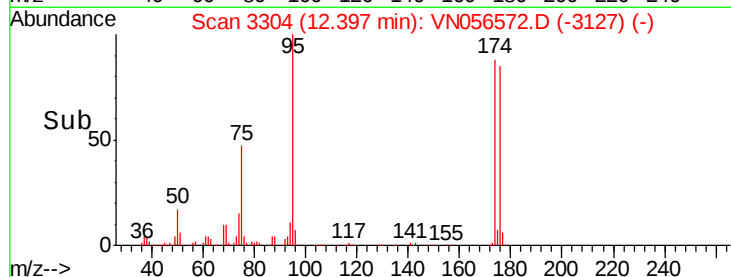
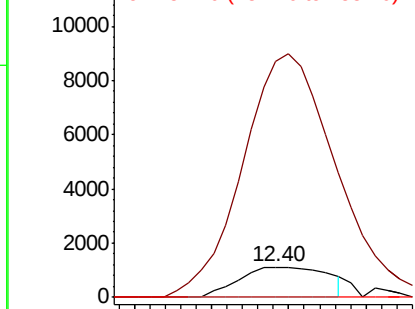
#71
Bromoform
Concen: 3.678 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN056572.D
Acq: 1 Jul 2019 15:11

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

Tot Ion:173 Resp: 1775
Ion Ratio Lower Upper
173 100
175 745.4 24.4 73.4#
254 0.0 0.0 0.0

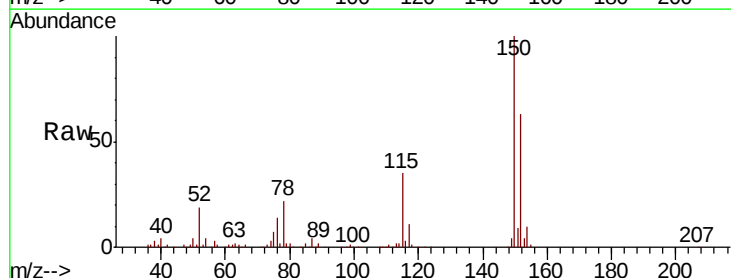


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

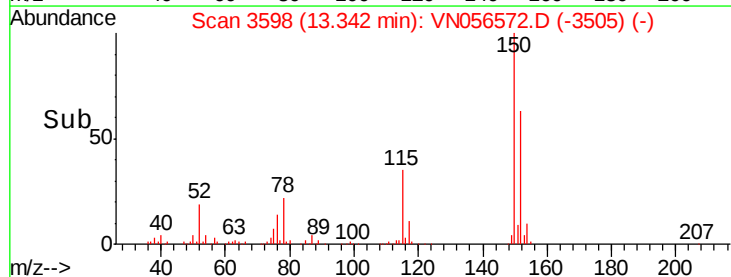
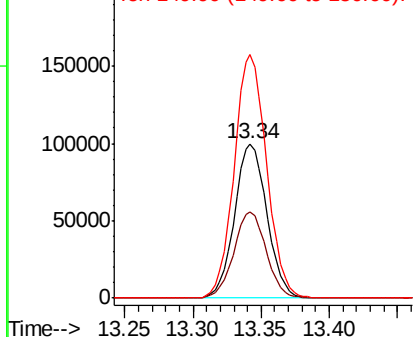


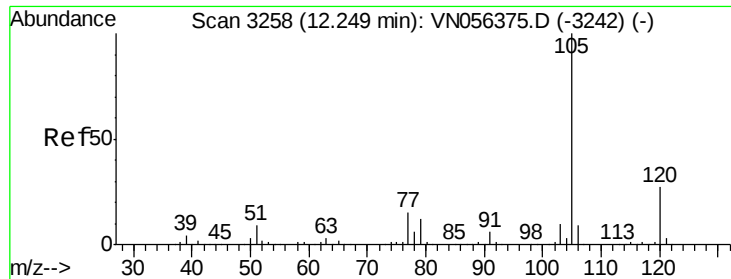
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056572.D
Acq: 1 Jul 2019 15:11

Tgt Ion:152 Resp: 164514
Ion Ratio Lower Upper
152 100
115 56.1 28.1 84.4
150 157.6 0.0 348.4



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





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056572.D

Acq: 1 Jul 2019 15:11

Instrument :

MSVOA_N

ClientSampleId :

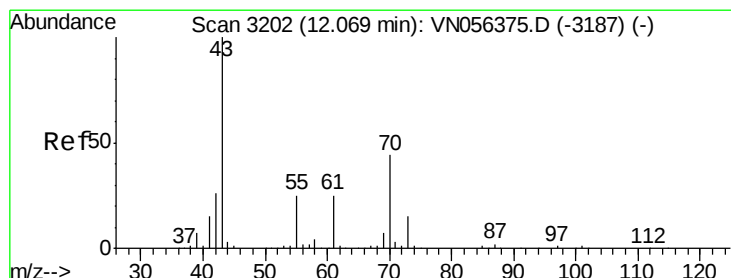
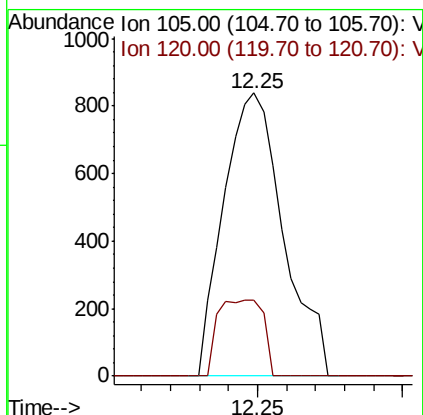
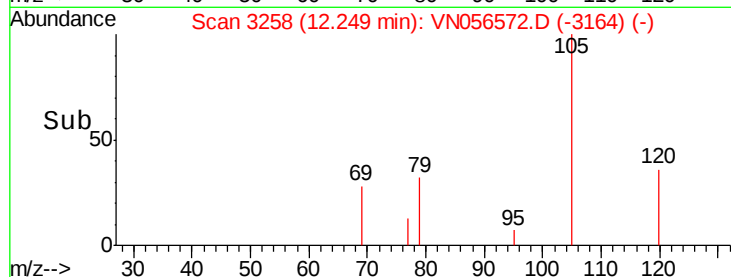
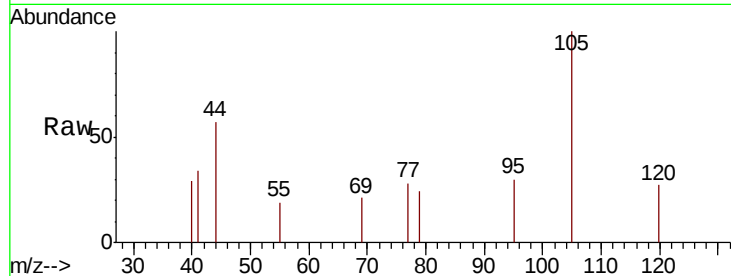
EO-01-062819-A

Tot Ion:105 Resp: 1205

Ion Ratio Lower Upper

105 100

120 20.2 13.4 40.2



#74

N-ethyl acetate

Concen: 1.816 ug/l

RT: 11.88 min Scan# 3142

Delta R.T. -0.19 min

Lab File: VN056572.D

Acq: 1 Jul 2019 15:11

Tgt Ion: 43 Resp: 9508

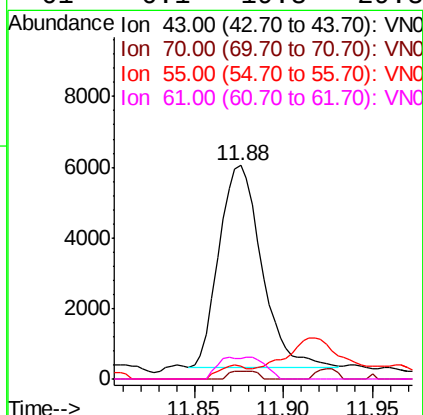
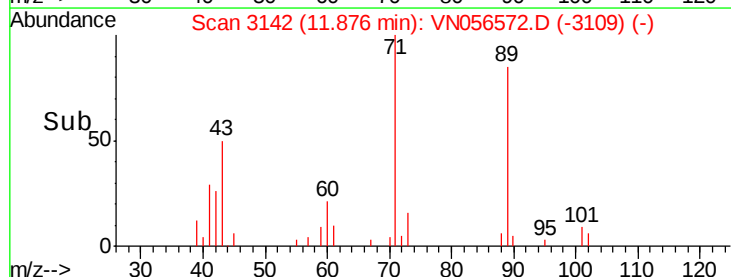
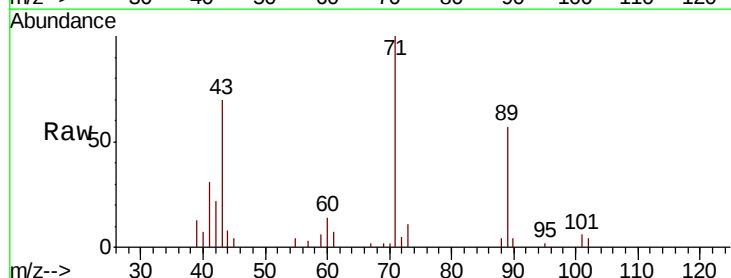
Ion Ratio Lower Upper

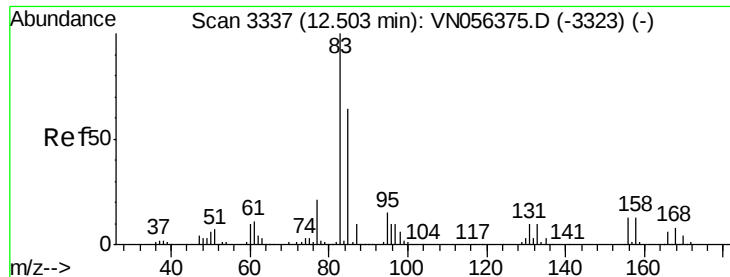
43 100

70 2.4 34.9 52.3#

55 4.8 20.4 30.6#

61 6.1 19.8 29.8#





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.55 min Scan# 3352

Delta R.T. 0.05 min

Lab File: VN056572.D

Acq: 1 Jul 2019 15:11

Instrument :

MSVOA_N

ClientSampleId :

EO-01-062819-A

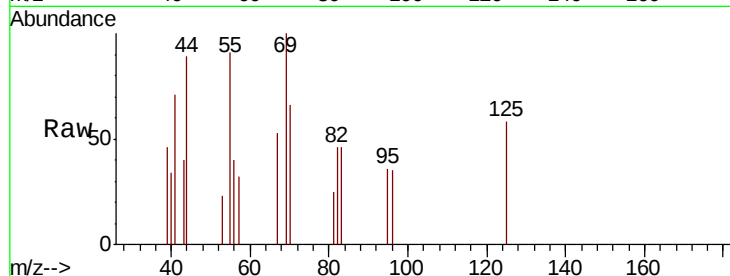
Tot Ion: 83 Resp: 315

Ion Ratio Lower Upper

83 100

131 0.0 5.3 15.8#

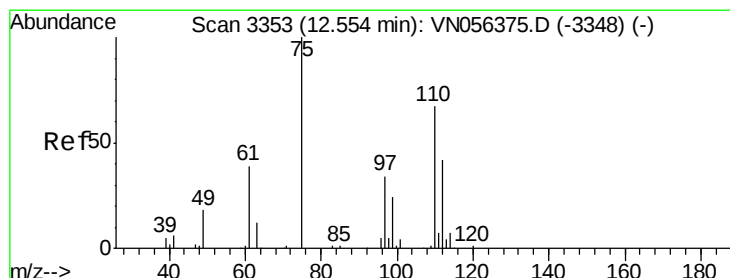
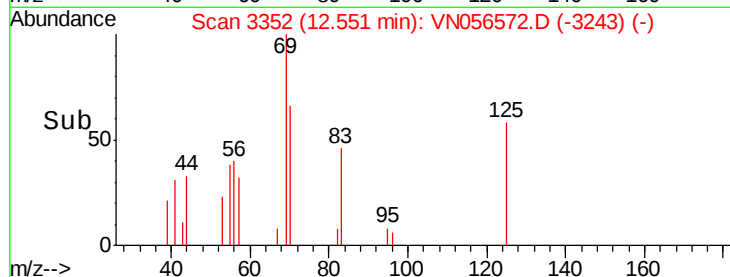
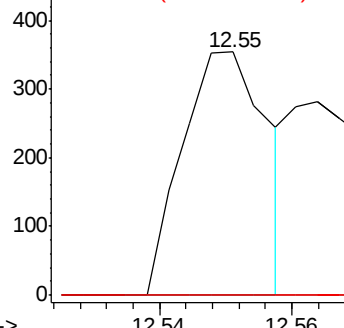
85 0.0 32.4 97.0#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 31.556 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056572.D

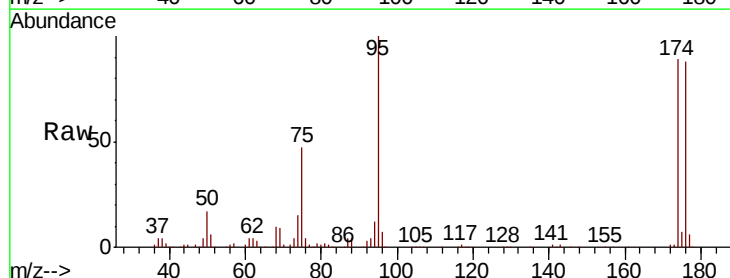
Acq: 1 Jul 2019 15:11

Tgt Ion: 75 Resp: 107644

Ion Ratio Lower Upper

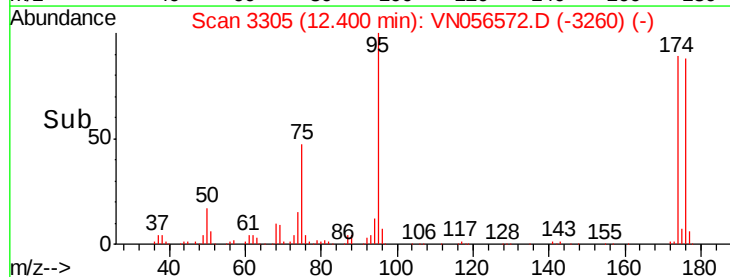
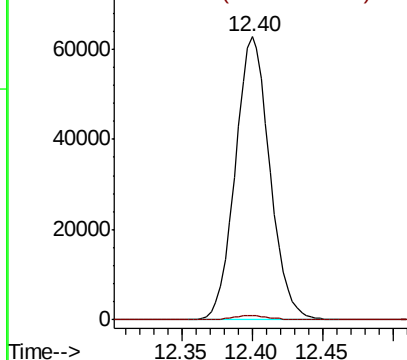
75 100

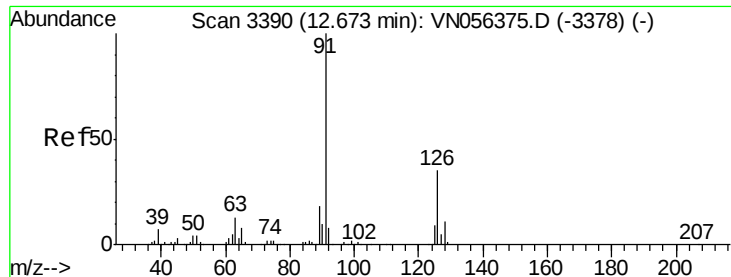
77 1.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056572.D

Acq: 1 Jul 2019 15:11

Instrument :

MSVOA_N

ClientSampleId :

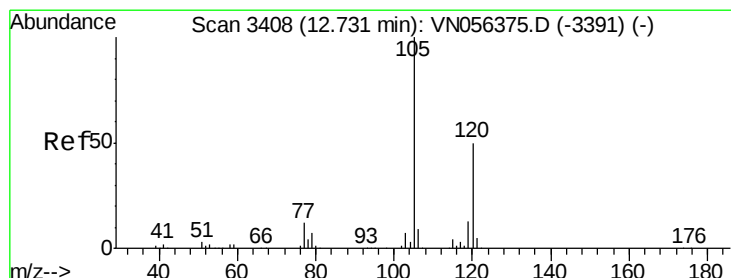
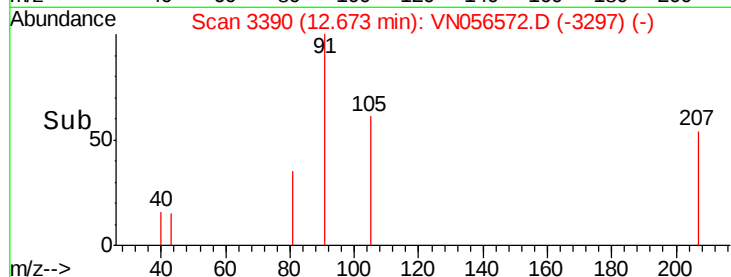
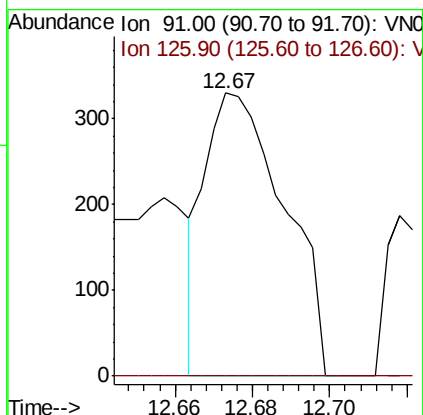
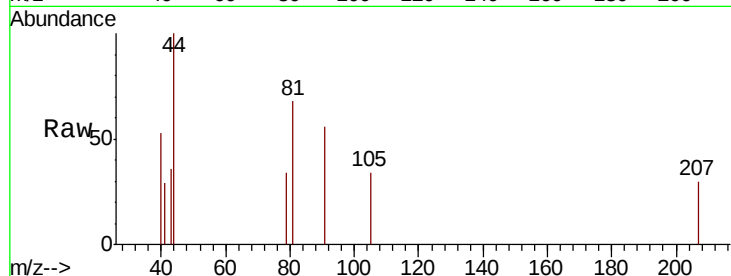
EO-01-062819-A

Tot Ion: 91 Resp: 472

Ion Ratio Lower Upper

91 100

126 0.0 17.6 52.8#



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN056572.D

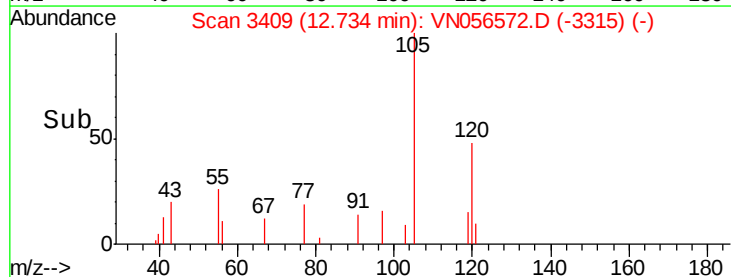
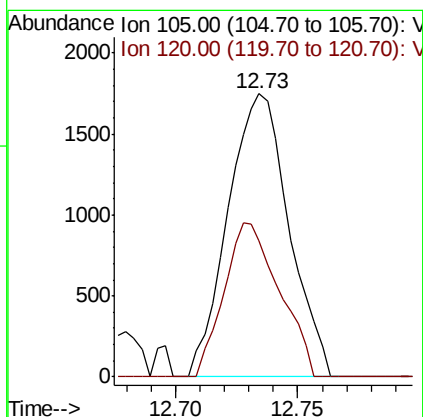
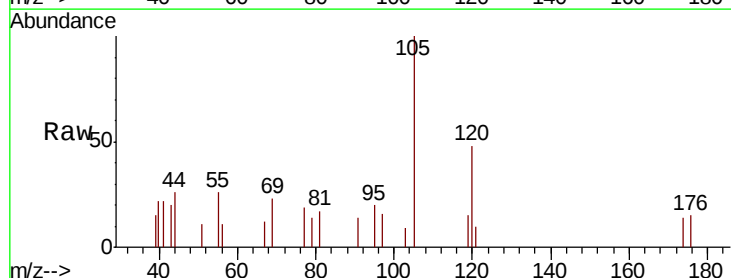
Acq: 1 Jul 2019 15:11

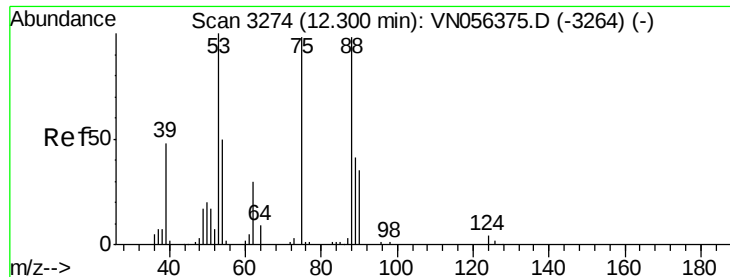
Tgt Ion: 105 Resp: 3030

Ion Ratio Lower Upper

105 100

120 49.3 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 112.154 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056572.D

Acq: 1 Jul 2019 15:11

Instrument :

MSVOA_N

ClientSampleId :

EO-01-062819-A

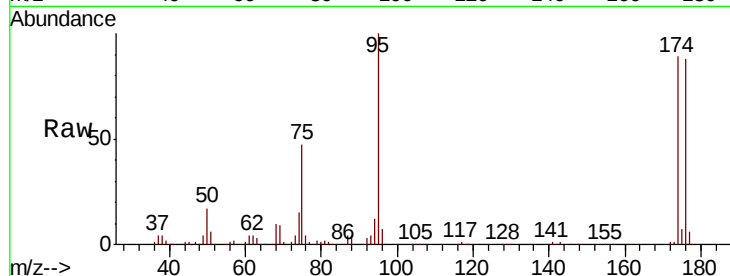
Tot Ion: 75 Resp: 107644

Ion Ratio Lower Upper

75 100

53 0.1 83.9 125.9#

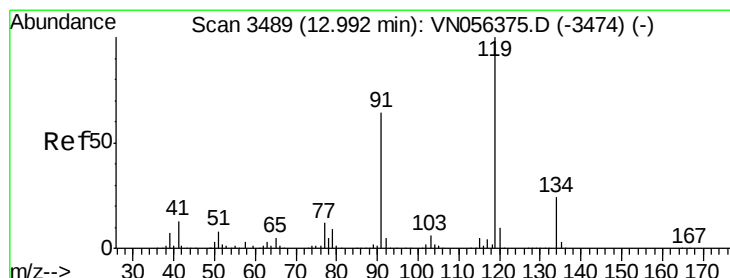
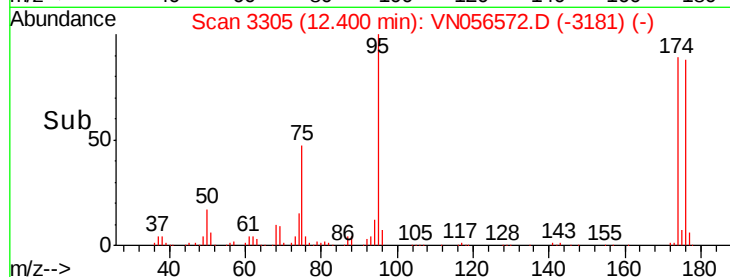
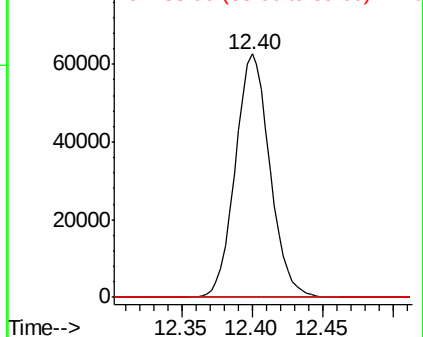
89 0.0 35.0 52.6#



Abundance Ion 74.90 (74.60 to 75.60): VN056375.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN056375.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN056375.D (-3264) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN056572.D

Acq: 1 Jul 2019 15:11

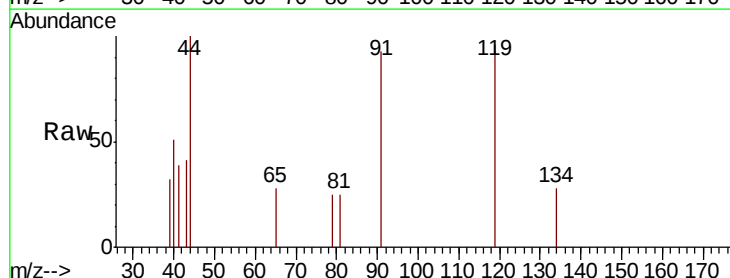
Tgt Ion: 119 Resp: 1045

Ion Ratio Lower Upper

119 100

91 51.0 31.6 94.7

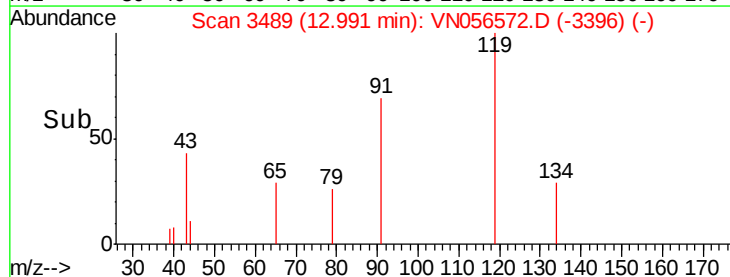
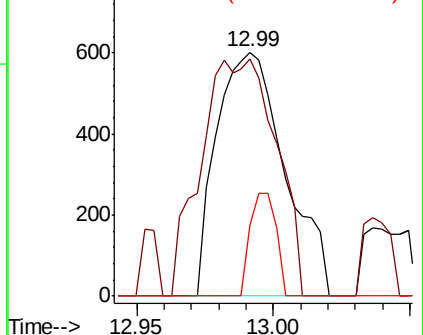
134 15.8 13.2 39.5

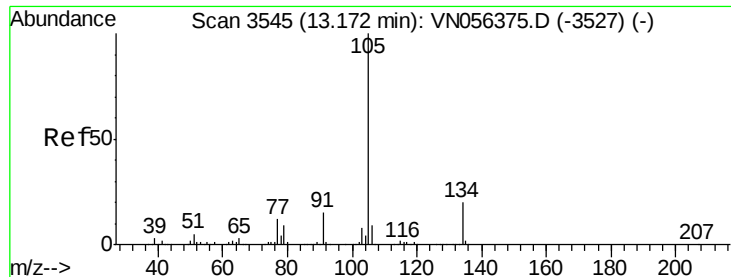


Abundance Ion 119.00 (118.70 to 119.70): VN056375.D (-3474) (-)

Ion 91.00 (90.70 to 91.70): VN056375.D (-3474) (-)

Ion 134.00 (133.70 to 134.70): VN056375.D (-3474) (-)





#85

sec-Butylbenzene

Concen: 0.878 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056572.D

Acq: 1 Jul 2019 15:11

Instrument :

MSVOA_N

ClientSampleId :

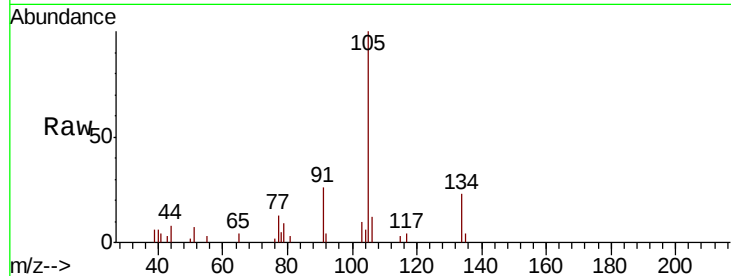
EO-01-062819-A

Tot Ion:105 Resp: 11627

Ion Ratio Lower Upper

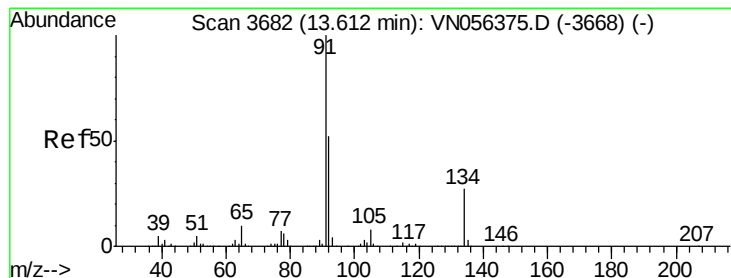
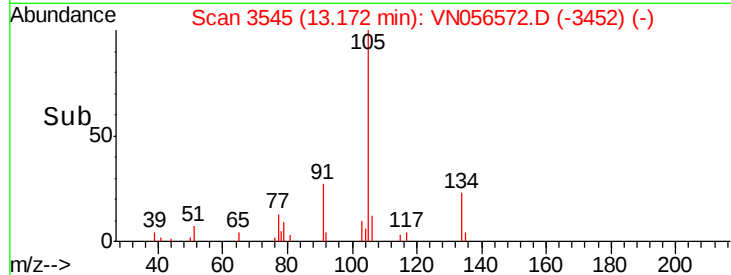
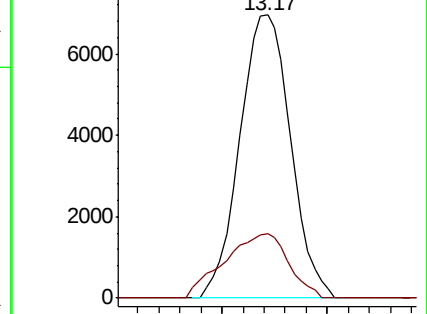
105 100

134 28.7 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 0.262 ug/l

RT: 13.59 min Scan# 3674

Delta R.T. -0.03 min

Lab File: VN056572.D

Acq: 1 Jul 2019 15:11

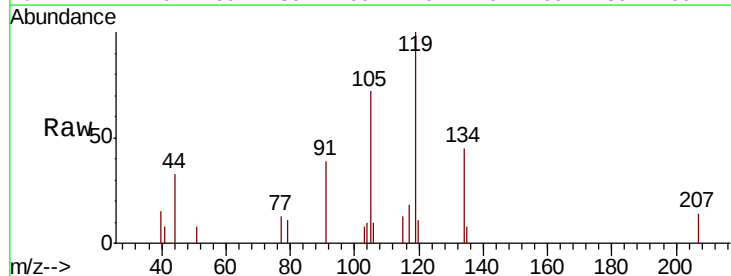
Tgt Ion: 91 Resp: 2254

Ion Ratio Lower Upper

91 100

92 0.0 26.2 78.5#

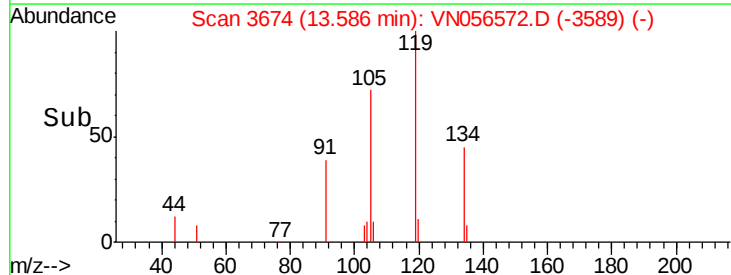
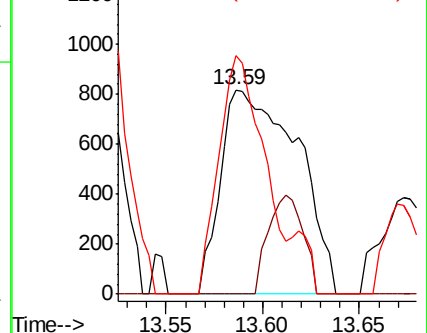
134 68.3 13.4 40.2#

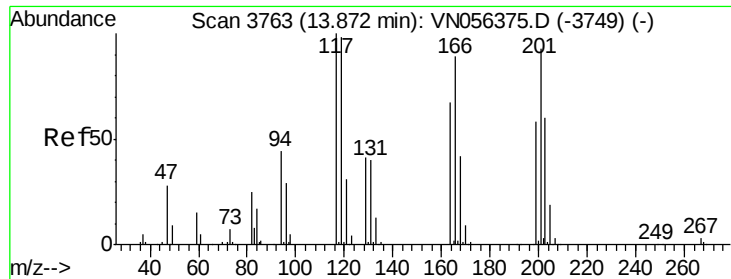


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 2.544 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN056572.D

Acq: 1 Jul 2019 15:11

Instrument :

MSVOA_N

ClientSampleId :

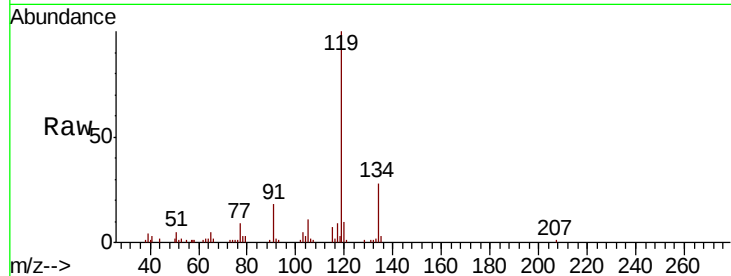
EO-01-062819-A

Tot Ion:117 Resp: 4508

Ion Ratio Lower Upper

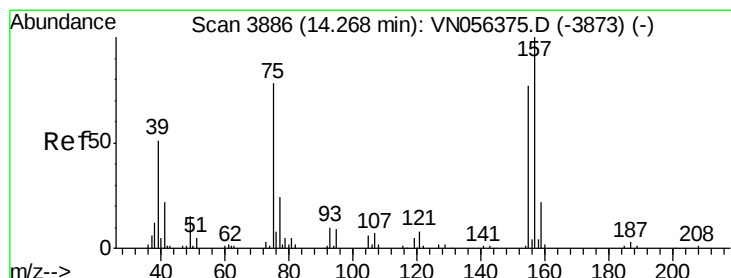
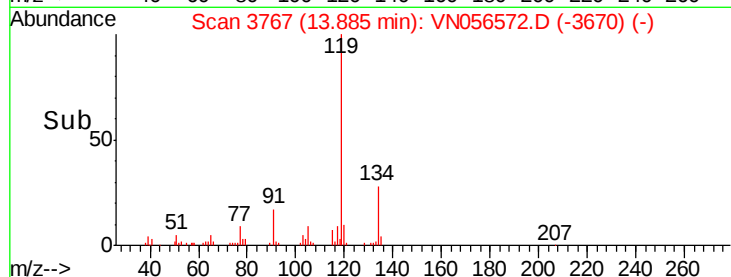
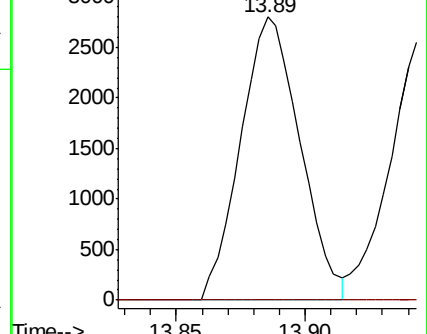
117 100

201 0.0 45.9 137.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.230 ug/l

RT: 14.21 min Scan# 3867

Delta R.T. -0.06 min

Lab File: VN056572.D

Acq: 1 Jul 2019 15:11

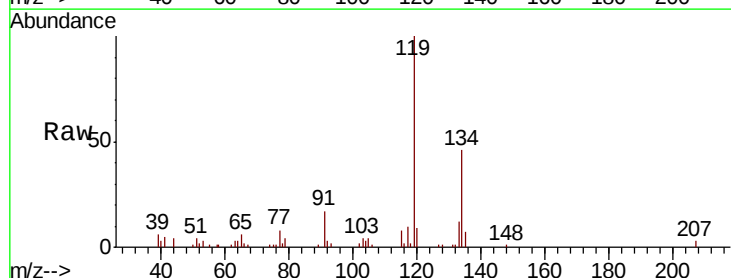
Tgt Ion: 75 Resp: 140

Ion Ratio Lower Upper

75 100

155 0.0 48.9 146.8#

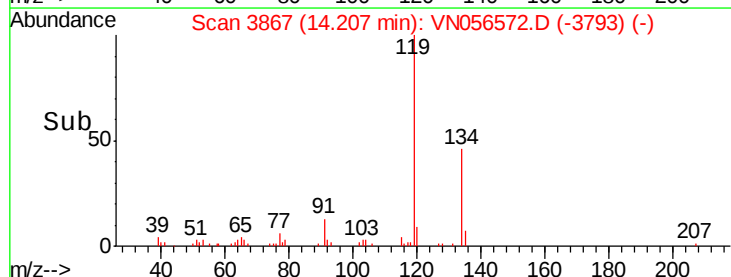
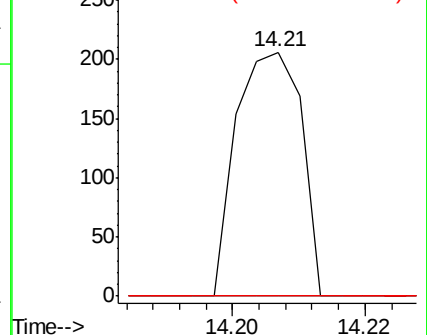
157 0.0 62.9 188.8#

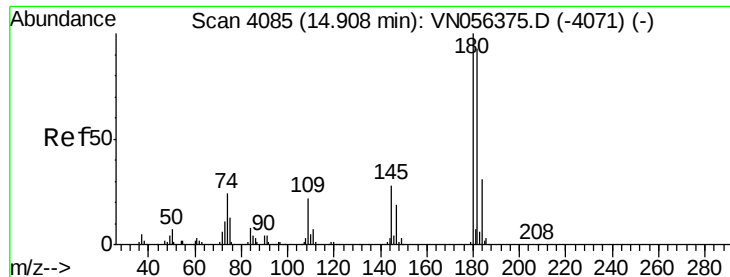


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

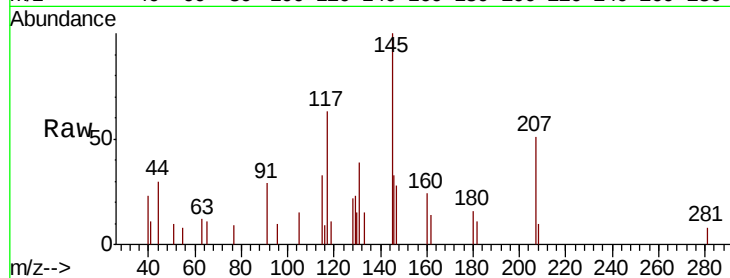




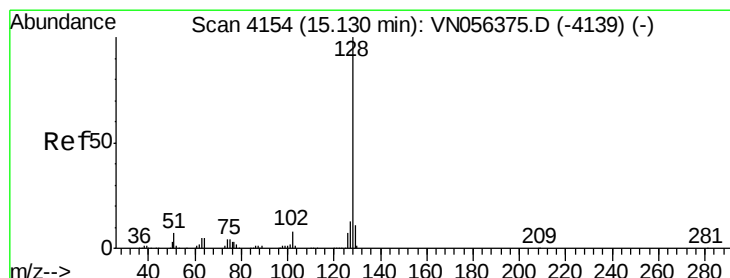
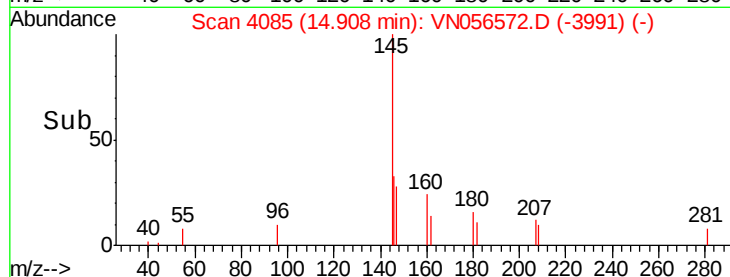
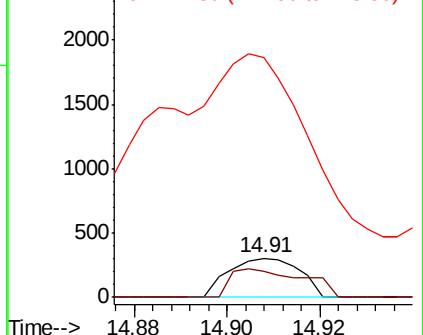
#93
 1,2,4-Trichlorobenzene
 Concen: 5.714 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056572.D
 Acq: 1 Jul 2019 15:11

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

Tot Ion:180 Resp: 323
 Ion Ratio Lower Upper
 180 100
 182 75.2 46.9 140.6
 145 1558.5 14.4 43.0#

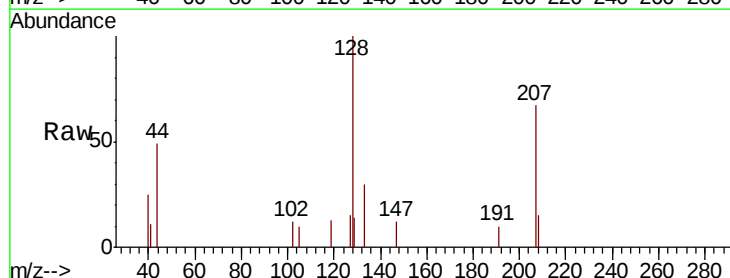


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

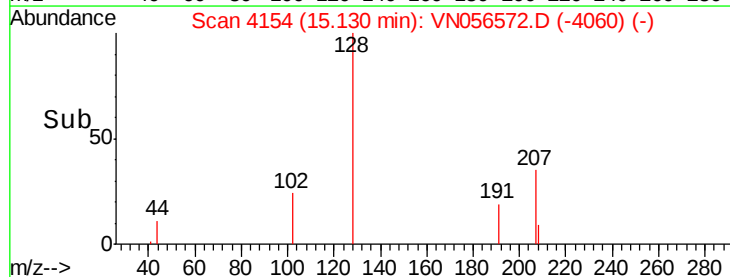
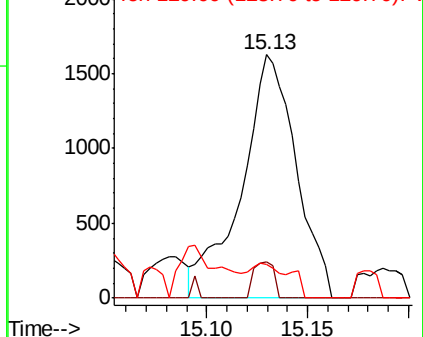


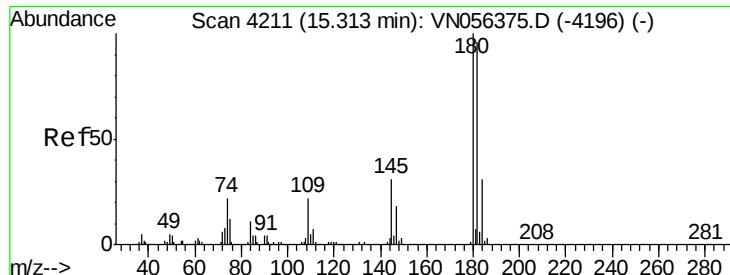
#95
 Naphthalene
 Concen: 5.610 ug/l
 RT: 15.13 min Scan# 4154
 Delta R.T. 0.00 min
 Lab File: VN056572.D
 Acq: 1 Jul 2019 15:11

Tgt Ion:128 Resp: 3073
 Ion Ratio Lower Upper
 128 100
 127 5.6 10.2 15.2#
 129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

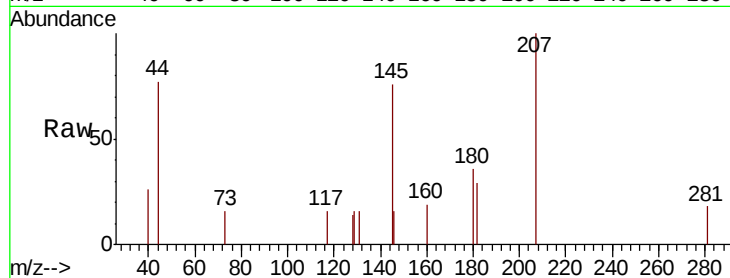




#96
 1,2,3-Trichlorobenzene
 Concen: 4.638 ug/l
 RT: 15.32 min Scan# 4212
 Delta R.T. 0.00 min
 Lab File: VN056572.D
 Acq: 1 Jul 2019 15:11

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

Tot Ion	Ratio	Lower	Upper
180	100		
182	81.7	48.3	144.8
145	0.0	15.4	46.1



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

