

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070119\
 Data File : VN056571.D
 Acq On : 1 Jul 2019 14:48
 Operator : JC/SP
 Sample : K3160-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jul 02 01:08:17 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	314874	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	547852	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	551176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	155771	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	189520	54.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.62%	
35) Dibromofluoromethane	7.59	113	163360	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
50) Toluene-d8	10.09	98	691054	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
62) 4-Bromofluorobenzene	12.40	95	217422	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	

Target Compounds

						Qvalue
14) Allyl chloride	4.55	41	2432	0.525	ug/l #	28
16) Acetone	3.82	43	20550	11.753	ug/l	97
17) Carbon Disulfide	4.05	76	1372	0.217	ug/l #	75
18) Methyl Acetate	4.33	43	5856	0.857	ug/l #	84
20) Methylene Chloride	4.55	84	65774	19.411	ug/l	96
25) 2-Butanone	6.86	43	1980	0.856	ug/l	92
27) cis-1,2-Dichloroethene	6.83	96	1259	0.359	ug/l #	10
29) Tetrahydrofuran	7.22	42	783	0.554	ug/l #	43
30) Chloroform	7.37	83	3912	0.710	ug/l	86
31) Cyclohexane	7.67	56	5842	1.084	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	20879	4.330	ug/l #	48
38) Carbon Tetrachloride	7.66	117	26448	6.272	ug/l #	15
40) Benzene	8.04	78	238070	16.050	ug/l	99
42) 1,2-Dichloroethane	8.04	62	1927	0.394	ug/l	82
43) Isopropyl Acetate	8.17	43	16163	2.212	ug/l #	90
44) Trichloroethene	8.83	130	2047	0.512	ug/l	96
45) 1,2-Dichloropropane	9.27	63	901	0.227	ug/l #	43
48) Methyl methacrylate	9.18	41	10553	2.882	ug/l #	22
51) 4-Methyl-2-Pentanone	9.98	43	5802	1.230	ug/l	99
52) Toluene	10.16	92	65081	7.177	ug/l	94
53) t-1,3-Dichloropropene	10.16	75	595	3.001	ug/l #	39
54) cis-1,3-Dichloropropene	9.90	75	48653	9.179	ug/l #	64
57) 1,3-Dichloropropane	10.76	76	8541	1.395	ug/l #	42
59) 2-Hexanone	10.76	43	120768	34.840	ug/l #	52
60) Dibromochloromethane	10.63	129	448	2.496	ug/l #	10
67) Ethyl Benzene	11.51	91	25530	1.313	ug/l	100
68) m/p-Xylenes	11.62	106	12807	1.797	ug/l	97
69) o-Xylene	11.95	106	4092	0.580	ug/l	92
70) Styrene	11.96	104	4320	0.383	ug/l	88
71) Bromoform	12.40	173	1758	3.688	ug/l #	1
73) Isopropylbenzene	12.25	105	1232	Below Cal		75
76) 1,2,3-Trichloropropane	12.40	75	101785	31.513	ug/l #	100
79) 2-Chlorotoluene	12.78	91	1361	Below Cal		75
80) 1,3,5-Trimethylbenzene	12.73	105	6823	Below Cal		95

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 Quant Title : SW846 8260
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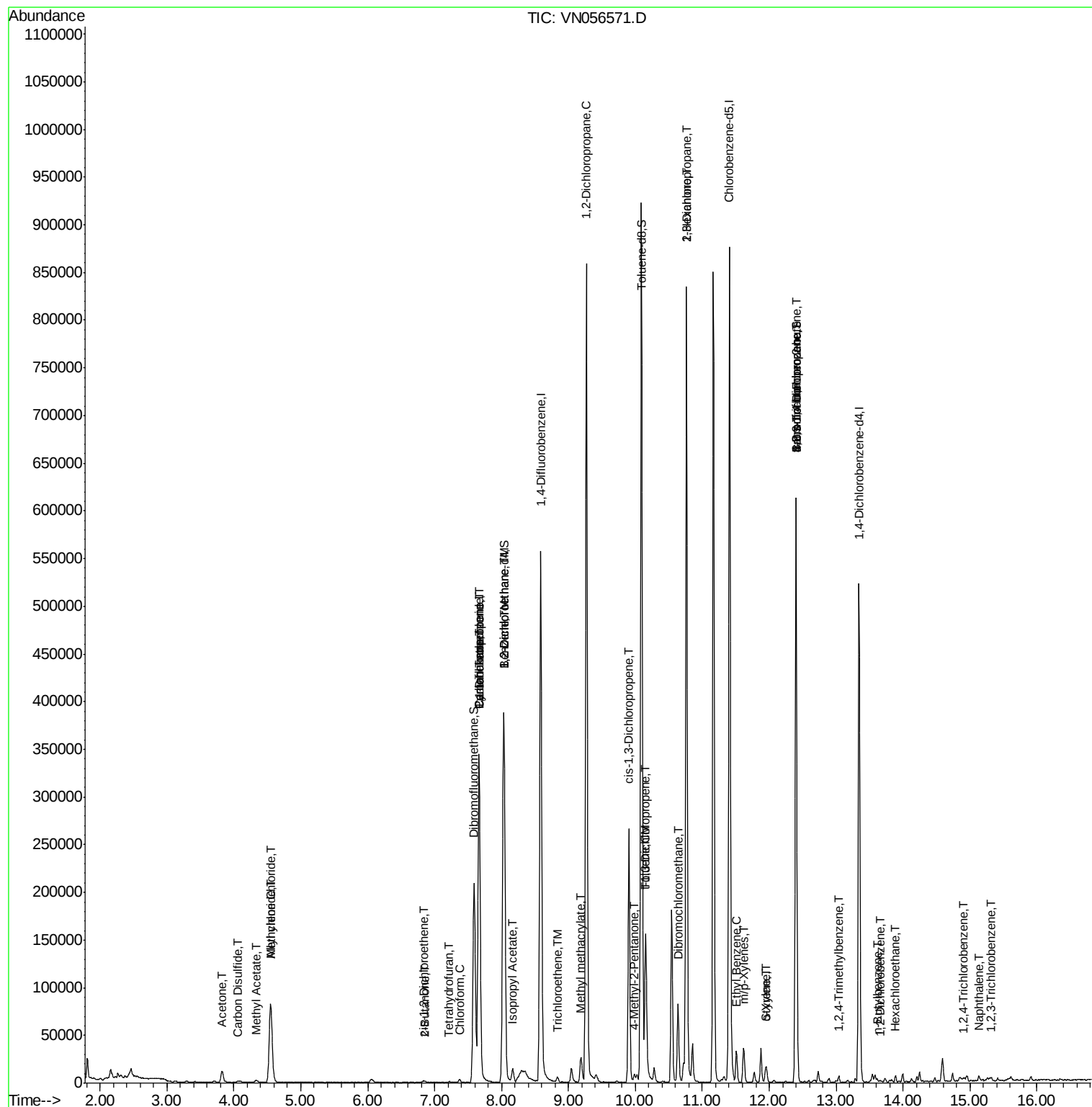
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	12.40	75	101785	112.002	ug/l #	8
83) tert-Butylbenzene	12.99	119	932	Below Cal	#	80
84) 1,2,4-Trimethylbenzene	13.04	105	4527	0.432	ug/l	98
89) n-Butylbenzene	13.62	91	2825	0.347	ug/l	91
90) Hexachloroethane	13.89	117	387	0.231	ug/l #	4
91) 1,2-Dichlorobenzene	13.65	146	1284	0.245	ug/l	86
93) 1,2,4-Trichlorobenzene	14.91	180	1251	6.021	ug/l	99
94) Hexachlorobutadiene	15.00	225	723	Below Cal		65
95) Naphthalene	15.13	128	6053	6.005	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.31	180	1404	4.934	ug/l #	71

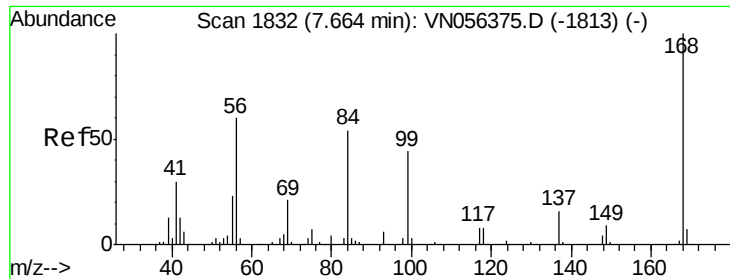
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN056571.D

Acq: 1 Jul 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

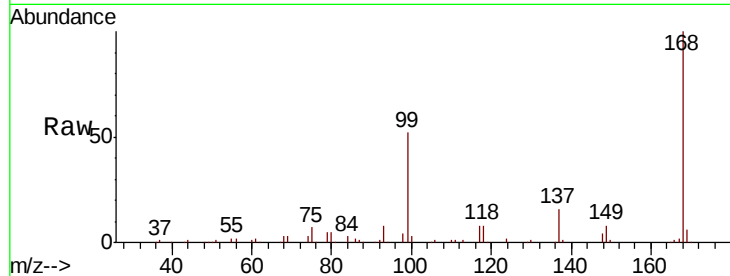
EO-01-062819-B

Tot Ion:168 Resp: 314874

Ion Ratio Lower Upper

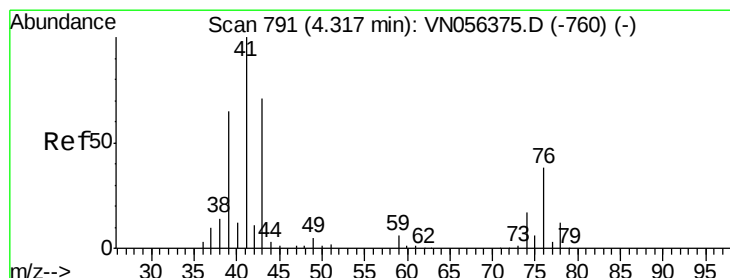
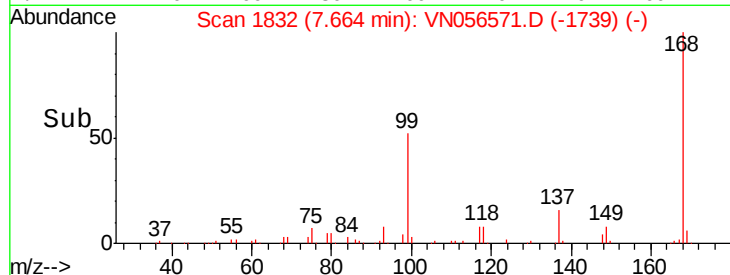
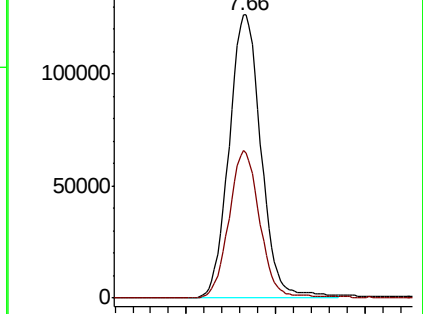
168 100

99 52.0 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#14

Allyl chloride

Concen: 0.525 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.23 min

Lab File: VN056571.D

Acq: 1 Jul 2019 14:48

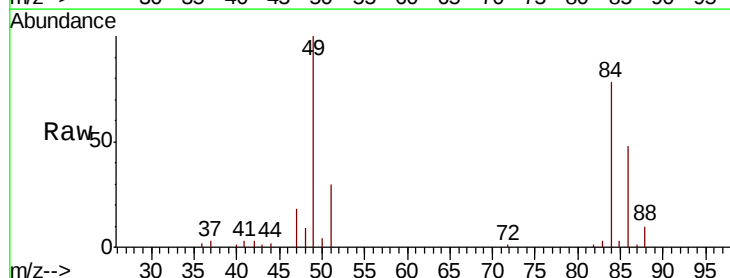
Tgt Ion: 41 Resp: 2432

Ion Ratio Lower Upper

41 100

39 0.0 48.6 73.0#

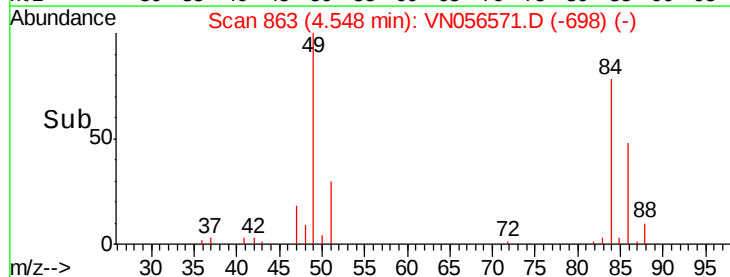
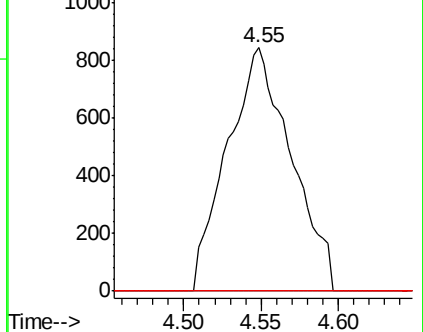
76 0.0 26.6 40.0#

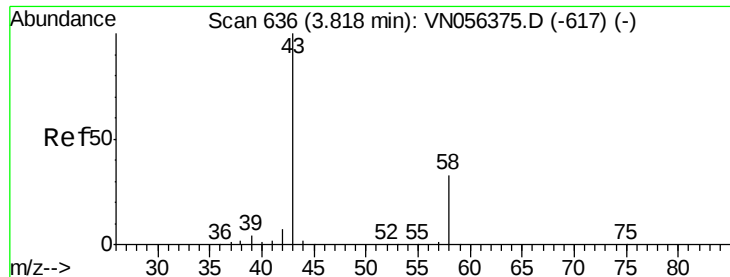


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





#16

Acetone

Concen: 11.753 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN056571.D

Acq: 1 Jul 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

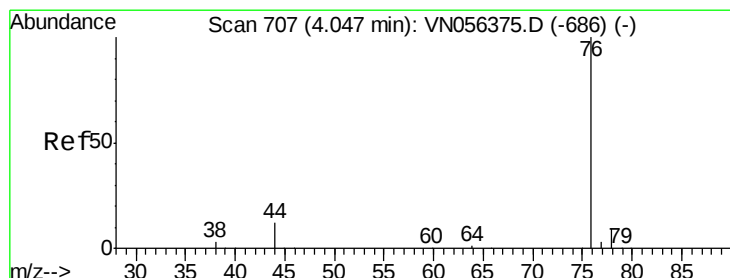
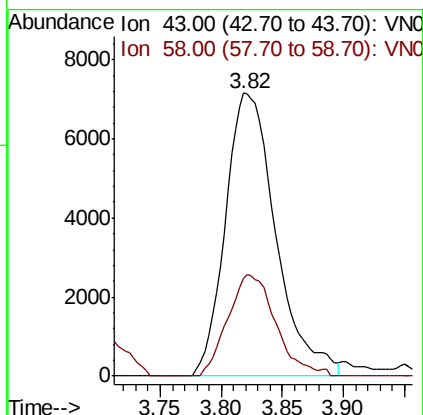
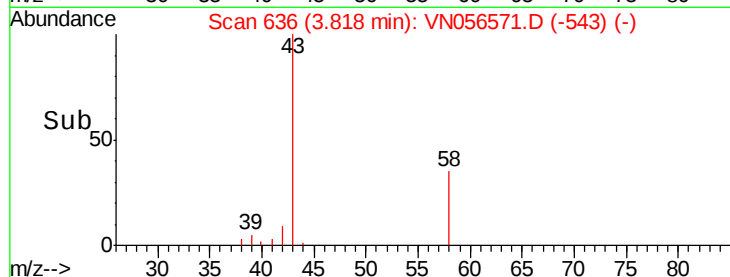
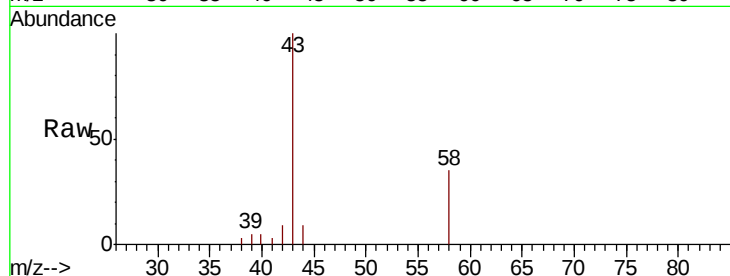
EO-01-062819-B

Tot Ion: 43 Resp: 20550

Ion Ratio Lower Upper

43 100

58 34.7 26.4 39.6



#17

Carbon Disulfide

Concen: 0.217 ug/l

RT: 4.05 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN056571.D

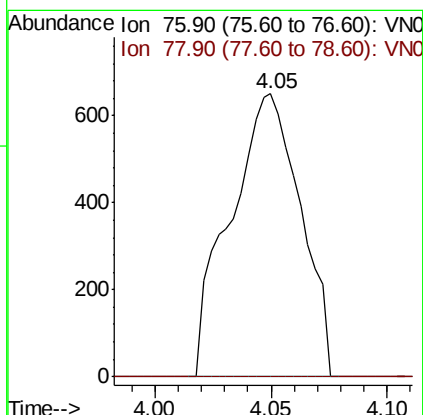
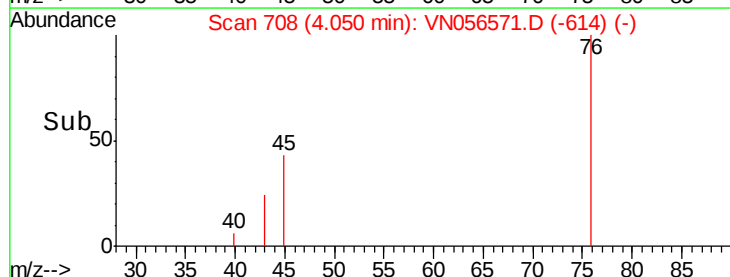
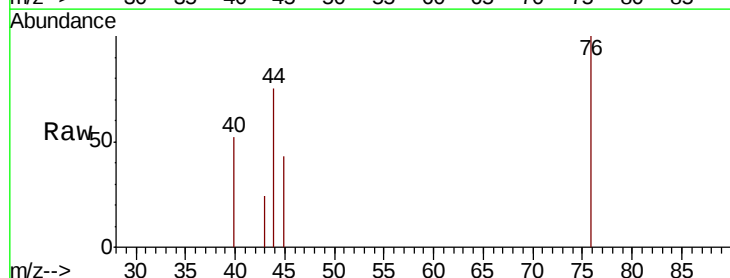
Acq: 1 Jul 2019 14:48

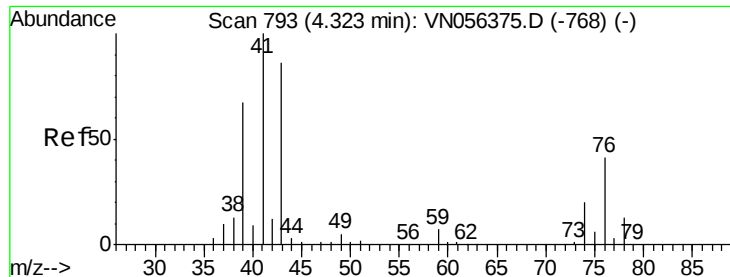
Tgt Ion: 76 Resp: 1372

Ion Ratio Lower Upper

76 100

78 0.0 7.1 10.7#

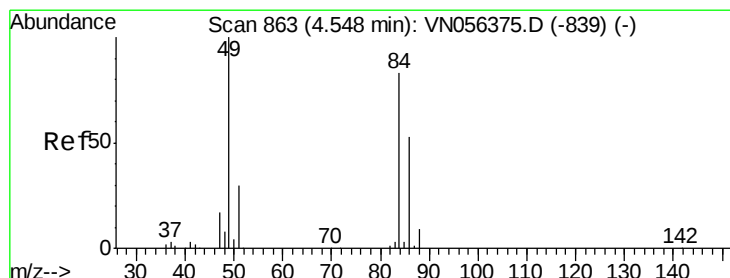
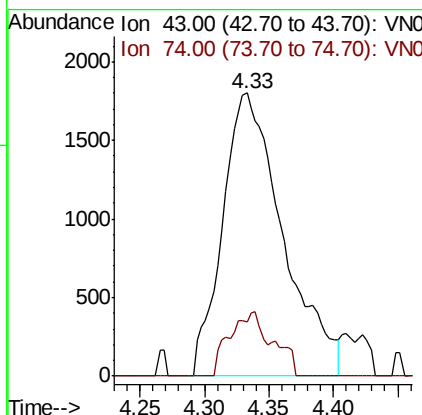
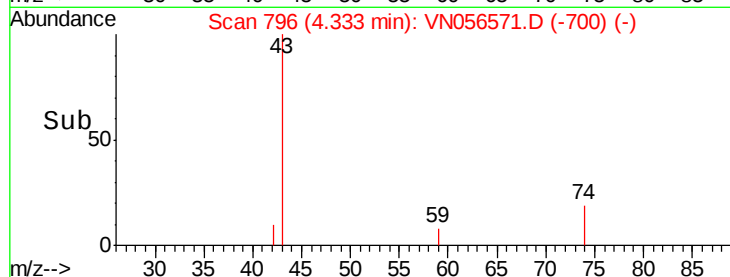
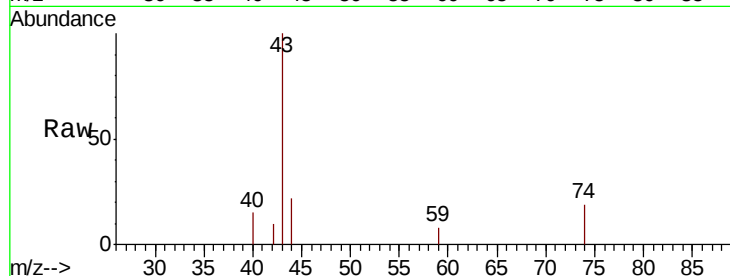




#18
Methyl Acetate
Concen: 0.857 ug/l
RT: 4.33 min Scan# 796
Delta R.T. 0.01 min
Lab File: VN056571.D
Acq: 1 Jul 2019 14:48

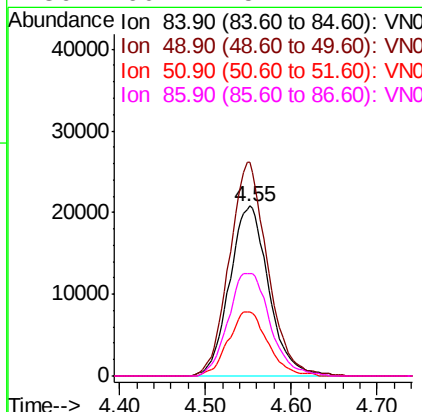
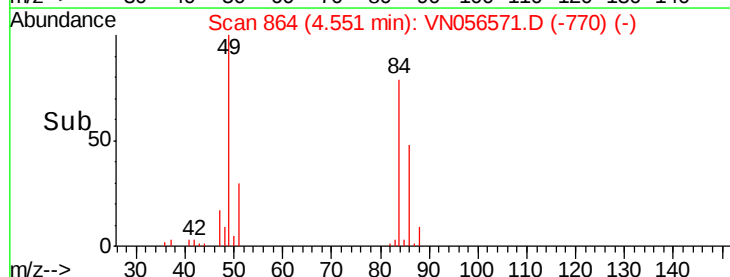
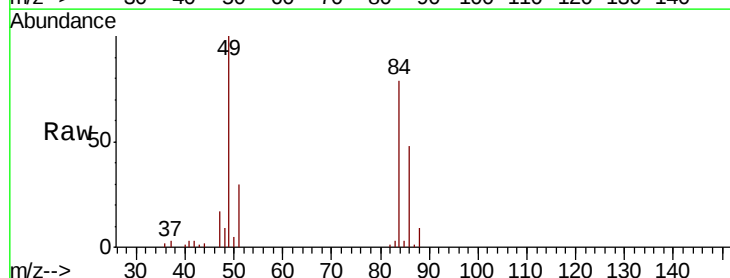
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EO-01-062819-B

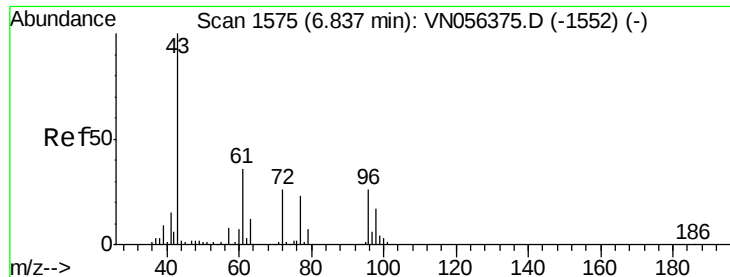
Tot Ion: 43 Resp: 5856
Ion Ratio Lower Upper
43 100
74 16.2 19.2 28.8#



#20
Methylene Chloride
Concen: 19.411 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN056571.D
Acq: 1 Jul 2019 14:48

Tgt Ion: 84 Resp: 65774
Ion Ratio Lower Upper
84 100
49 125.9 96.4 144.6
51 37.5 28.6 43.0
86 60.7 51.4 77.2

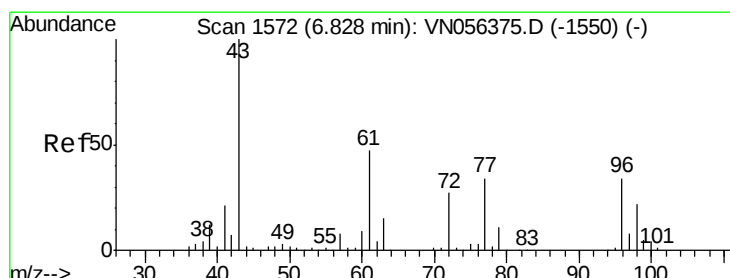
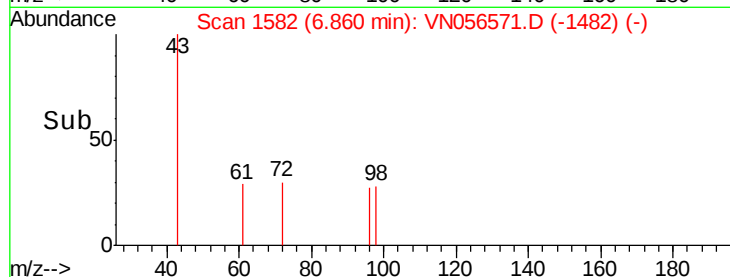
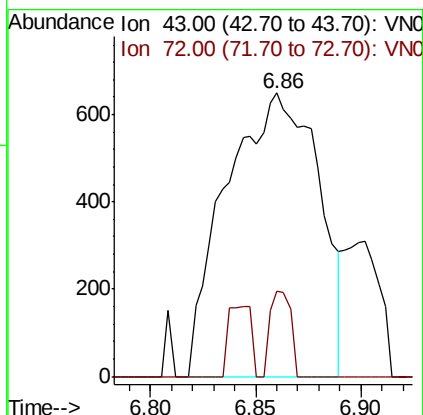
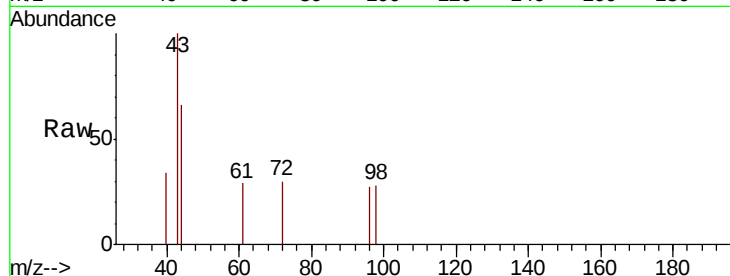




#25
2-Butanone
Concen: 0.856 ug/l
RT: 6.86 min Scan# 1582
Delta R.T. 0.02 min
Lab File: VN056571.D
Acq: 1 Jul 2019 14:48

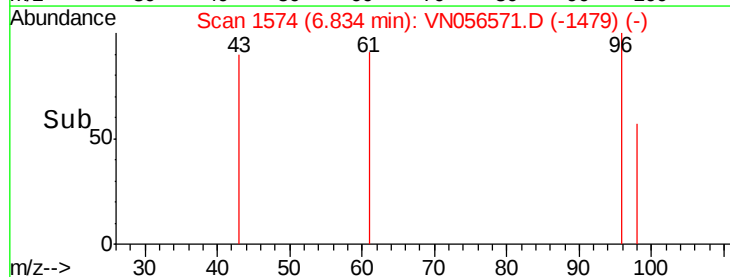
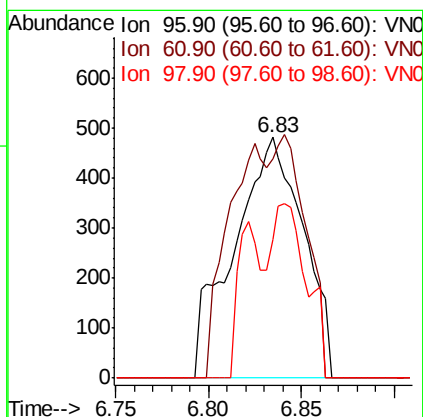
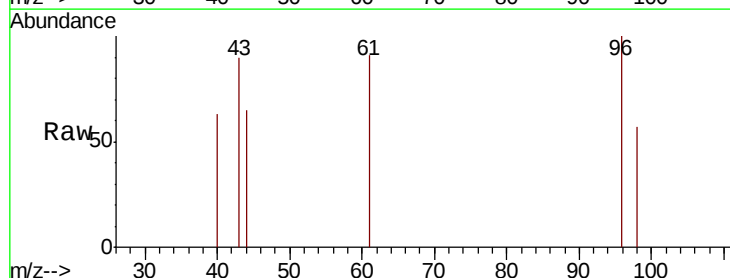
Instrument :
MSVOA_N
ClientSampled :
EO-01-062819-B

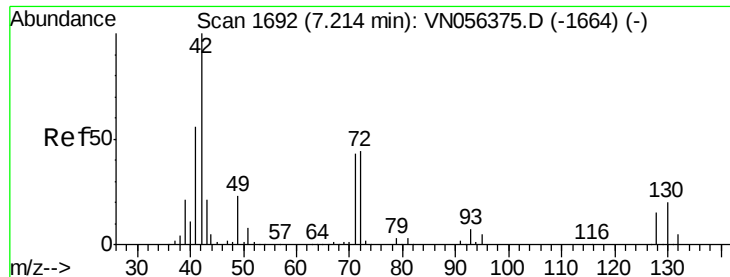
Tot Ion: 43 Resp: 1980
Ion Ratio Lower Upper
43 100
72 29.9 20.6 31.0



#27
cis-1,2-Dichloroethene
Concen: 0.359 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.01 min
Lab File: VN056571.D
Acq: 1 Jul 2019 14:48

Tgt Ion: 96 Resp: 1259
Ion Ratio Lower Upper
96 100
61 0.0 0.0 279.8
98 35.8 0.0 130.0





#29

Tetrahydrofuran

Concen: 0.554 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VN056571.D

Acq: 1 Jul 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

EO-01-062819-B

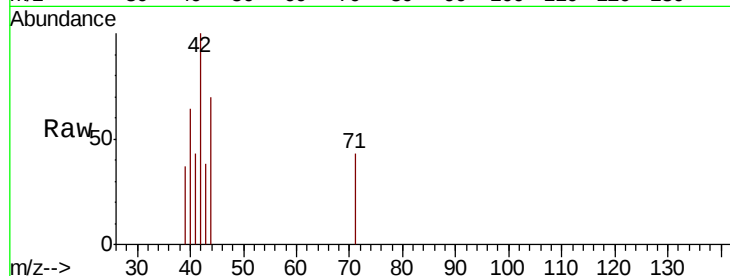
Tot Ion: 42 Resp: 783

Ion Ratio Lower Upper

42 100

72 0.0 34.7 52.1#

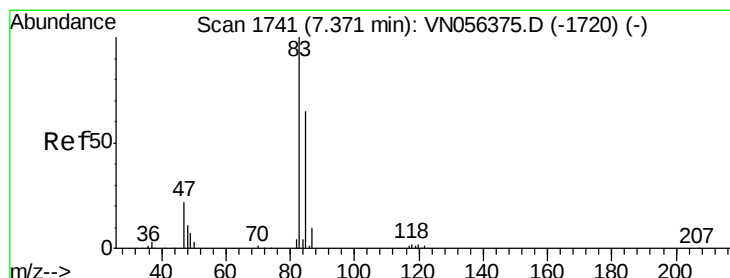
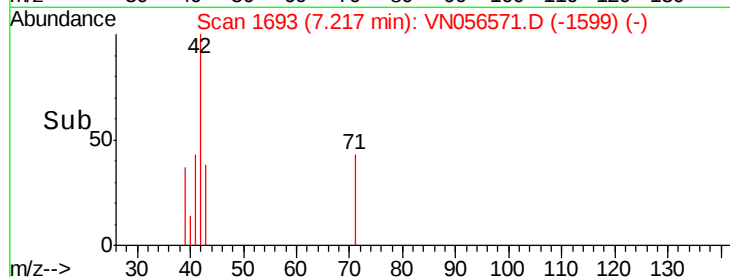
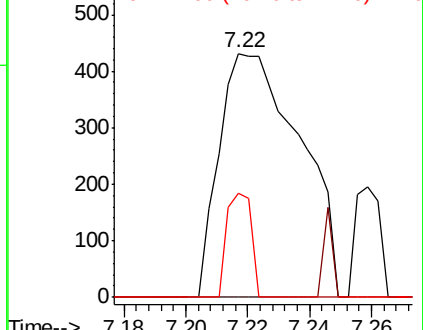
71 12.8 33.0 49.6#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 0.710 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN056571.D

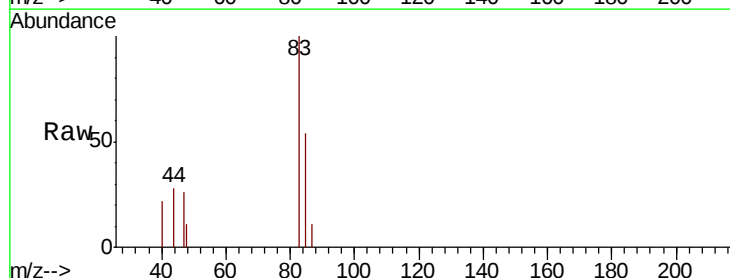
Acq: 1 Jul 2019 14:48

Tgt Ion: 83 Resp: 3912

Ion Ratio Lower Upper

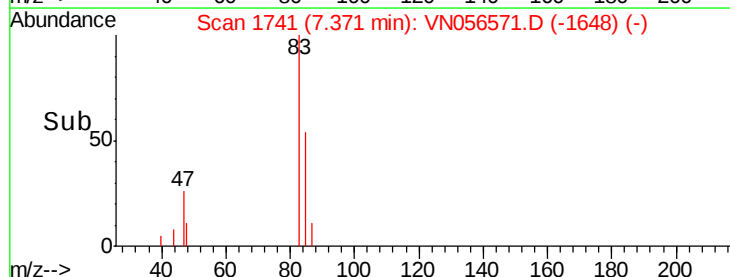
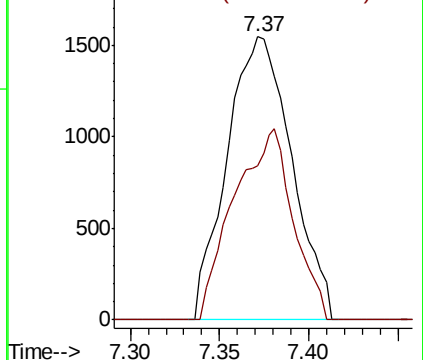
83 100

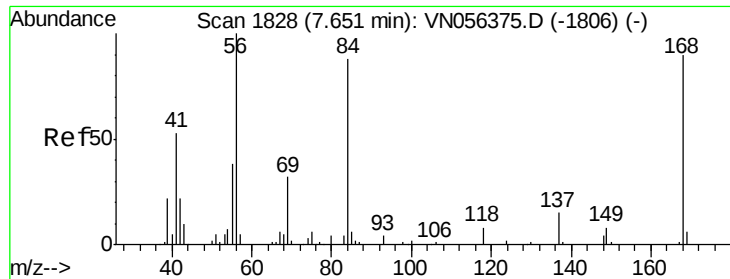
85 54.3 52.3 78.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

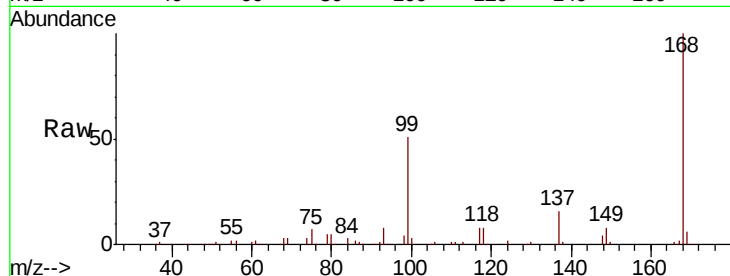




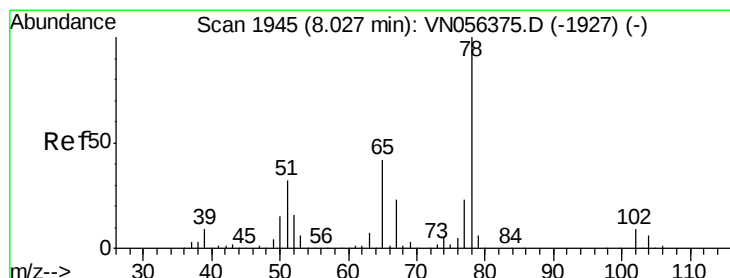
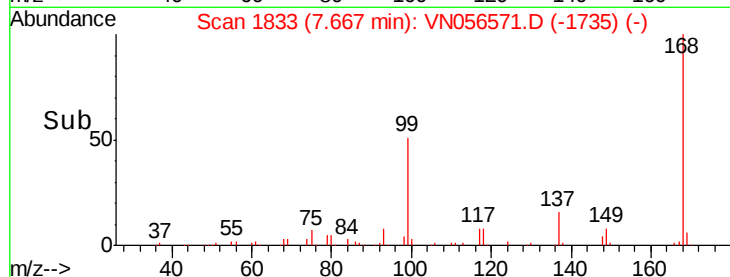
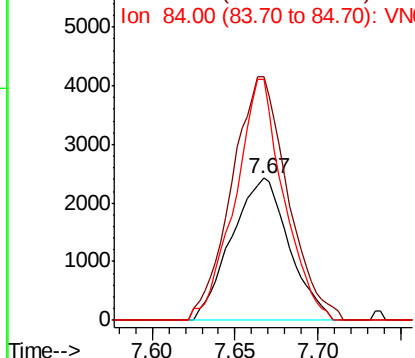
#31
Cyclohexane
Concen: 1.084 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.02 min
Lab File: VN056571.D
Acq: 1 Jul 2019 14:48

Instrument :
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ClientSampleId :
EO-01-062819-B

Tot Ion: 56 Resp: 5842
Ion Ratio Lower Upper
56 100
69 171.4 25.8 38.6#
84 170.0 69.4 104.0#

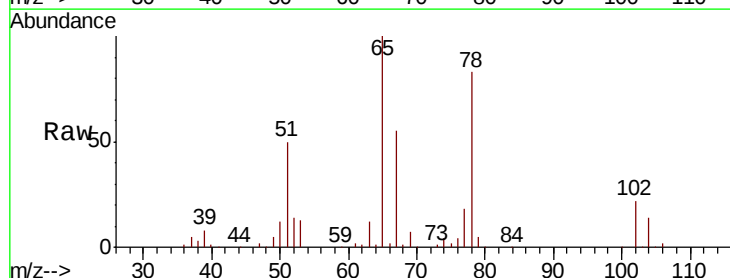


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

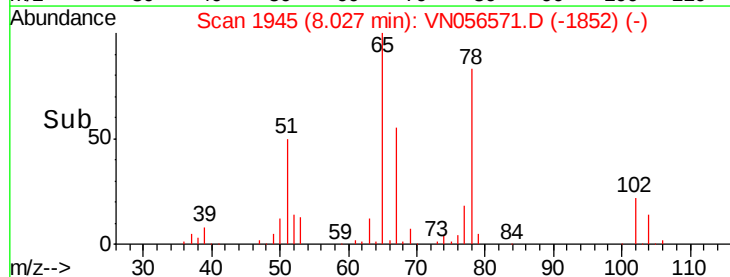
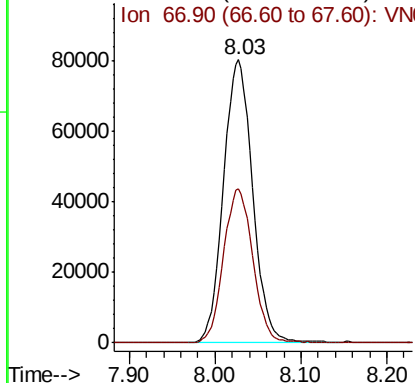


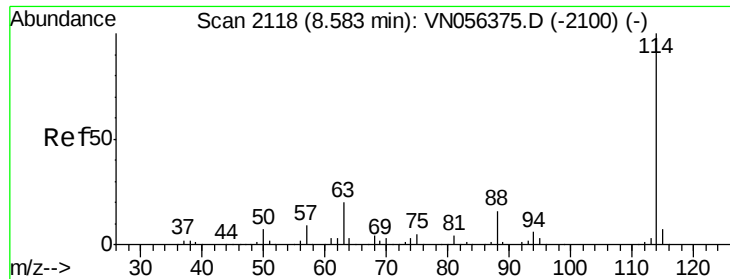
#33
1,2-Dichloroethane-d4
Concen: 54.307 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN056571.D
Acq: 1 Jul 2019 14:48

Tgt Ion: 65 Resp: 189520
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.0



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

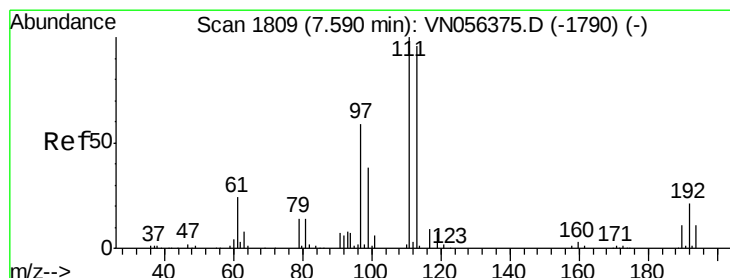
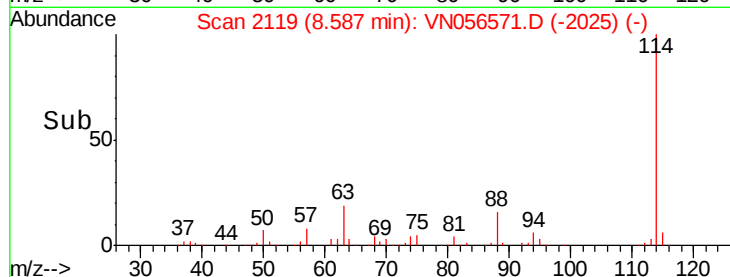
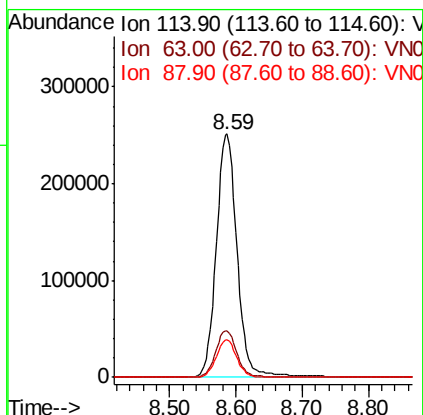
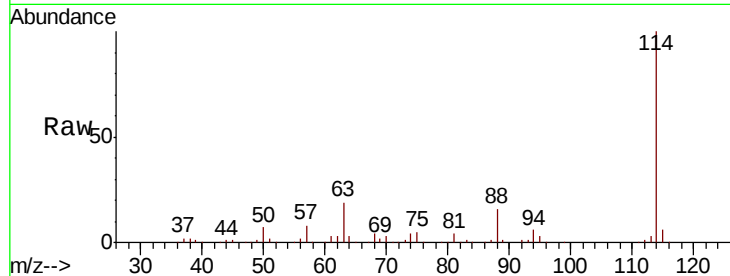




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN056571.D
 Acq: 1 Jul 2019 14:48

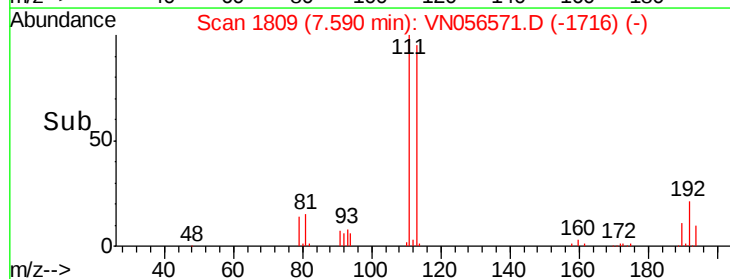
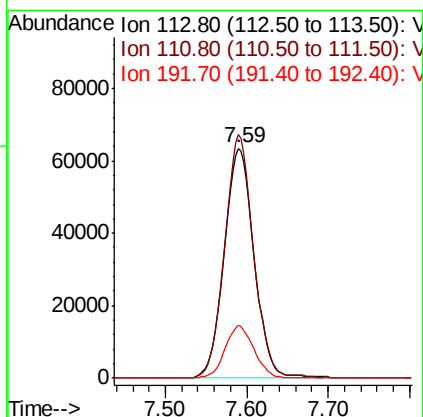
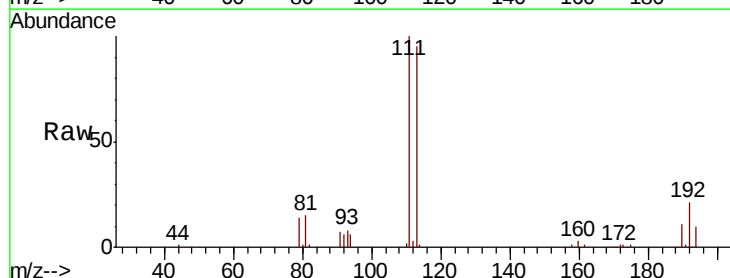
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-062819-B

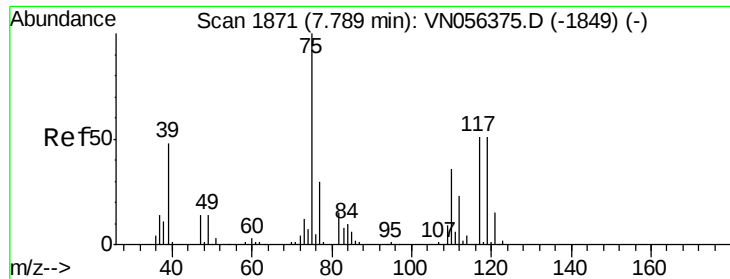
Tot Ion:114 Resp: 547852
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.2
 88 15.6 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 47.798 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056571.D
 Acq: 1 Jul 2019 14:48

Tgt Ion:113 Resp: 163360
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.9 124.3
 192 22.0 17.7 26.5

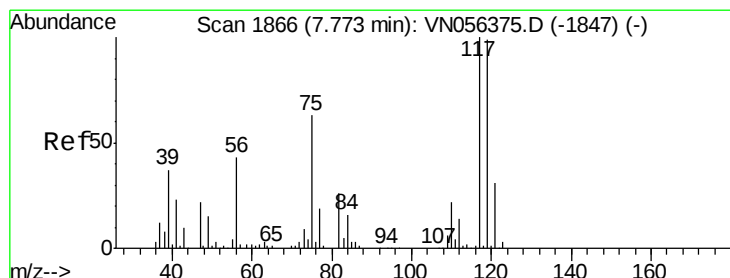
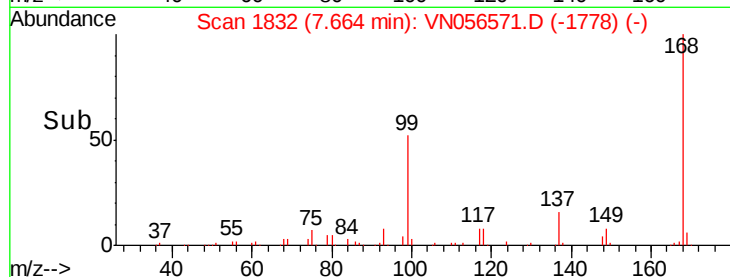
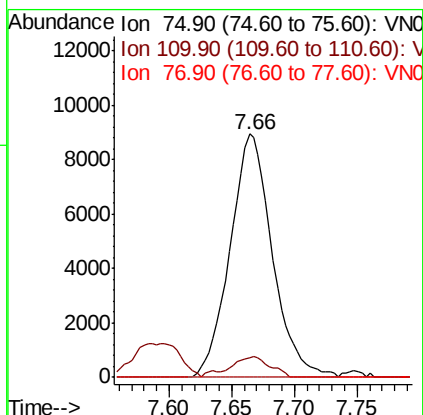
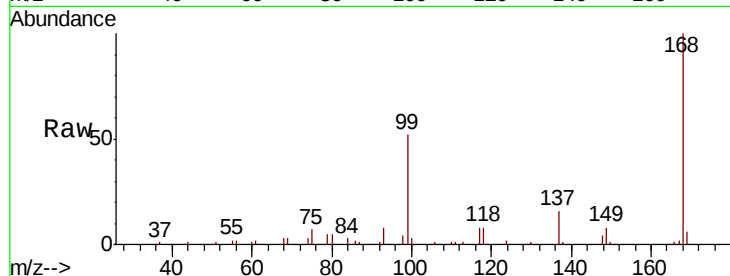




#36
 1,1-Dichloropropene
 Concen: 4.330 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN056571.D
 Acq: 1 Jul 2019 14:48

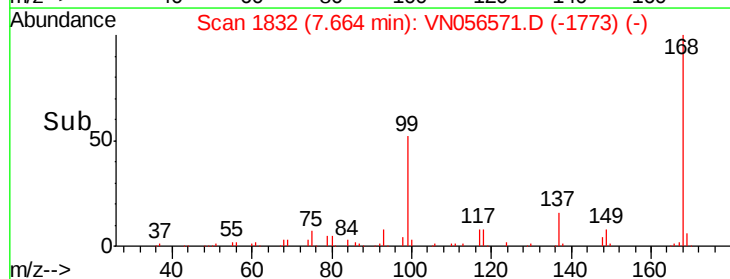
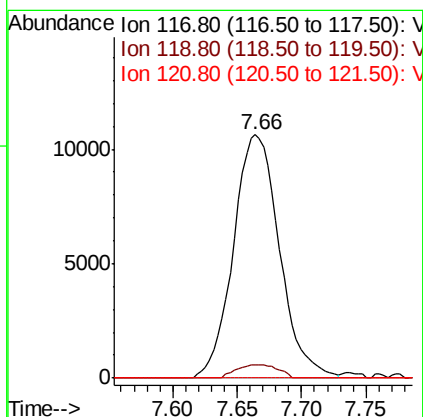
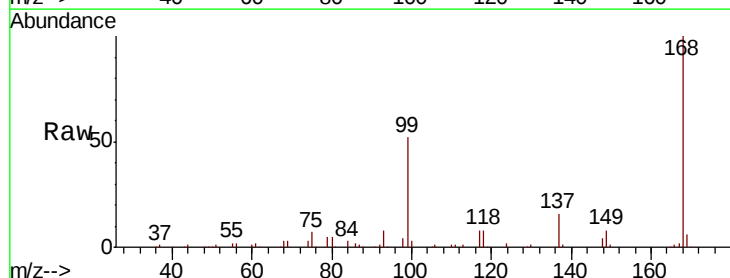
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-062819-B

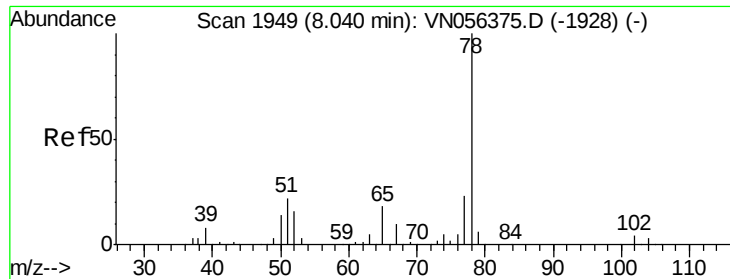
Tot Ion	75	Resp	20879
Ion Ratio	100	Lower	Upper
75	100		
110	8.1	18.1	54.3#
77	0.0	24.6	36.8#



#38
 Carbon Tetrachloride
 Concen: 6.272 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.11 min
 Lab File: VN056571.D
 Acq: 1 Jul 2019 14:48

Tgt Ion	117	Resp	26448
Ion Ratio	100	Lower	Upper
117	100		
119	5.5	79.1	118.7#
121	0.0	24.8	37.2#





#40

Benzene

Concen: 16.050 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN056571.D

Acq: 1 Jul 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

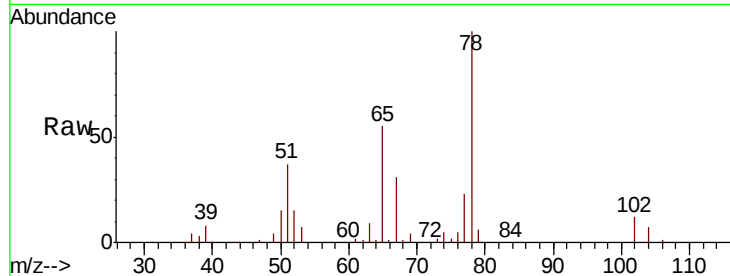
EO-01-062819-B

Tot Ion: 78 Resp: 238070

Ion Ratio Lower Upper

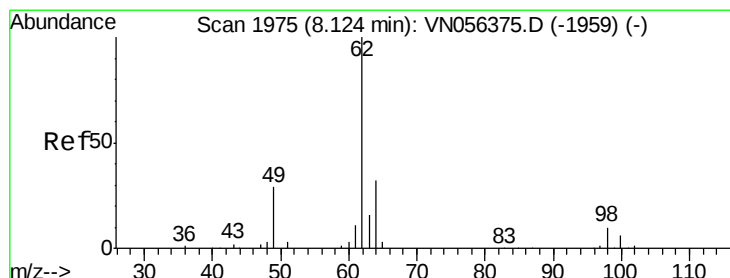
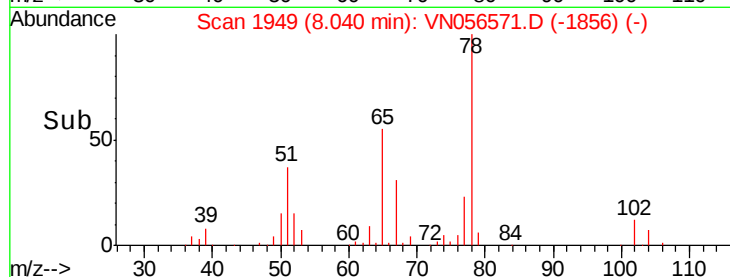
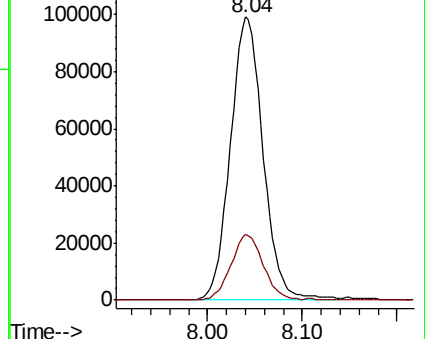
78 100

77 23.4 18.3 27.5



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#42

1,2-Dichloroethane

Concen: 0.394 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. -0.08 min

Lab File: VN056571.D

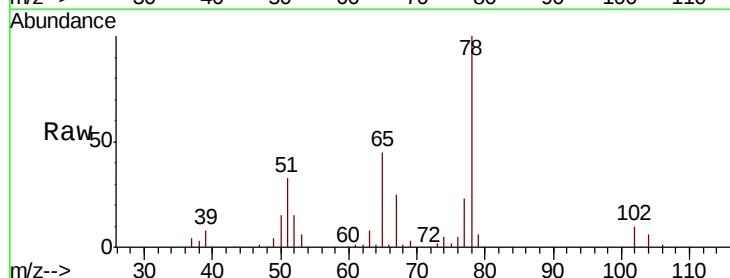
Acq: 1 Jul 2019 14:48

Tgt Ion: 62 Resp: 1927

Ion Ratio Lower Upper

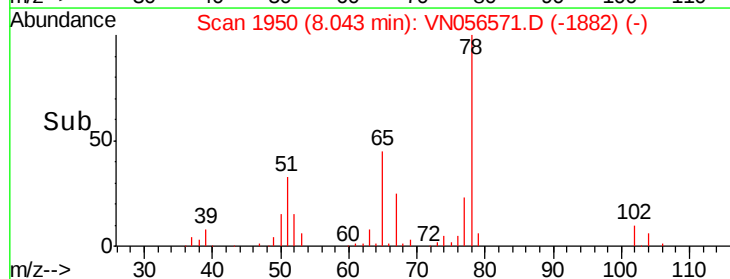
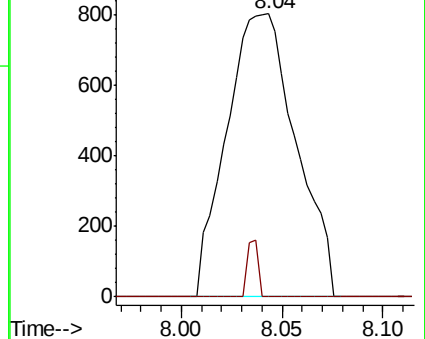
62 100

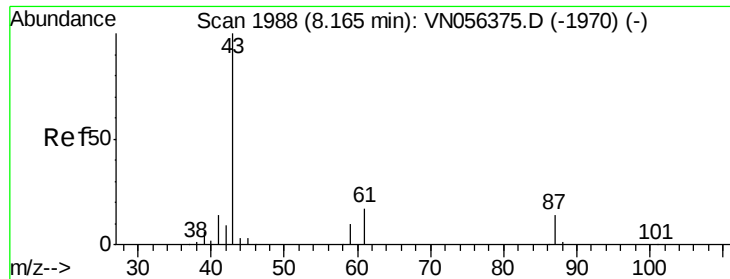
98 3.1 0.0 19.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 2.212 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056571.D

Acq: 1 Jul 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

EO-01-062819-B

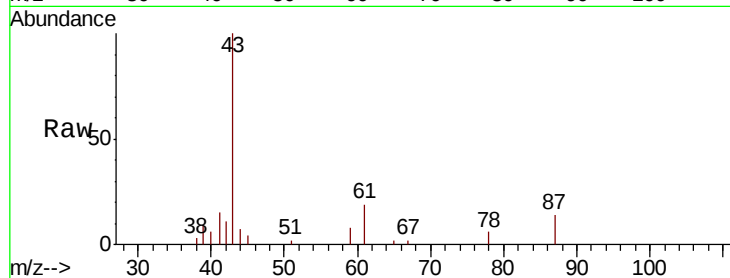
Tot Ion: 43 Resp: 16163

Ion Ratio Lower Upper

43 100

61 20.3 22.0 33.0#

87 12.9 11.0 16.4

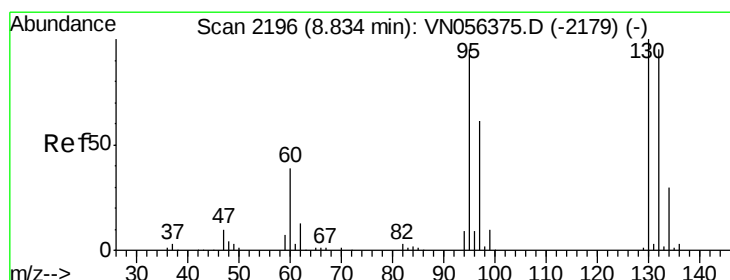
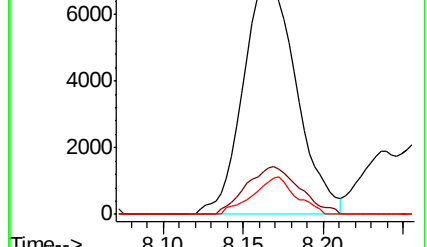
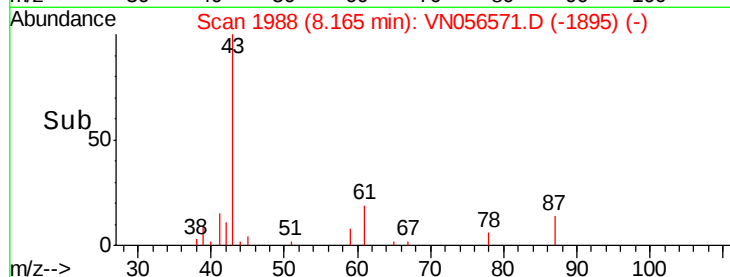


Abundance Ion 43.00 (42.70 to 43.70): VN056571.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN056571.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN056571.D (-1970) (-)

Time-->



#44

Trichloroethene

Concen: 0.512 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056571.D

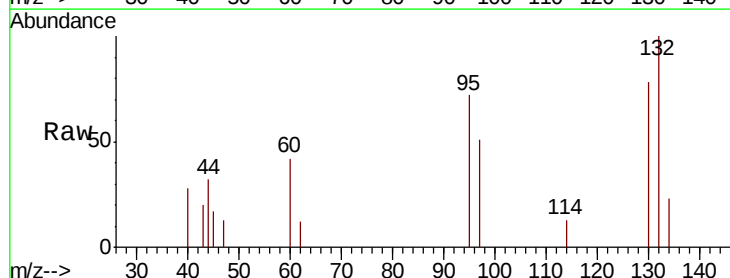
Acq: 1 Jul 2019 14:48

Tgt Ion: 130 Resp: 2047

Ion Ratio Lower Upper

130 100

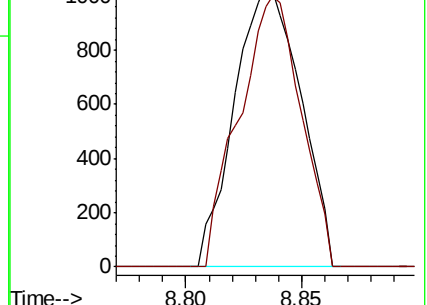
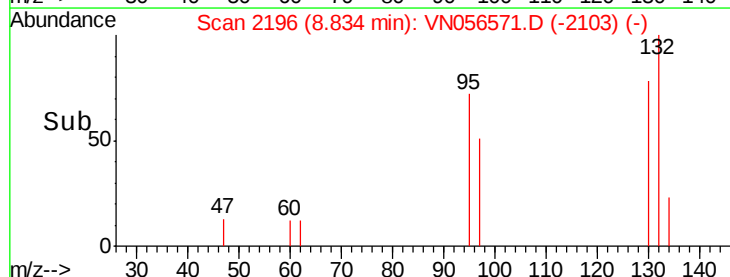
95 91.9 0.0 191.0

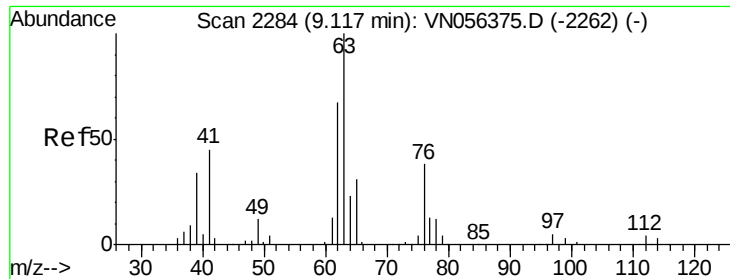


Abundance Ion 129.80 (129.50 to 130.50): VN056571.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN056571.D (-2103) (-)

Time-->





#45

1,2-Dichloropropane

Concen: 0.227 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN056571.D

Acq: 1 Jul 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

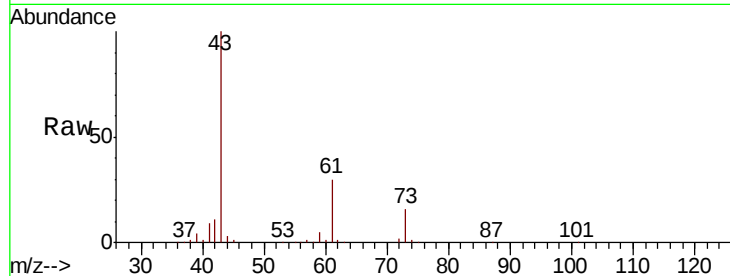
EO-01-062819-B

Tot Ion: 63 Resp: 901

Ion Ratio Lower Upper

63 100

65 0.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.27

600

500

400

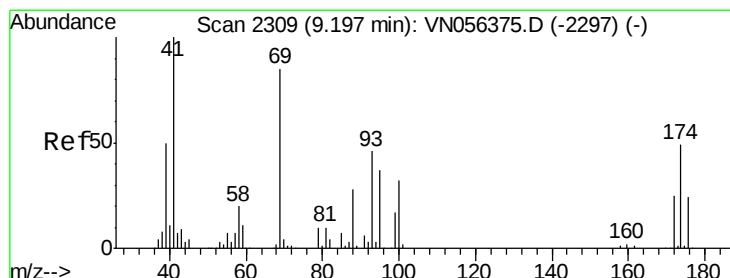
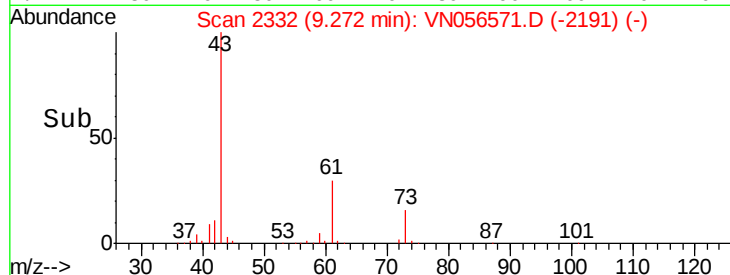
300

200

100

0

Time-->



#48

Methyl methacrylate

Concen: 2.882 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.02 min

Lab File: VN056571.D

Acq: 1 Jul 2019 14:48

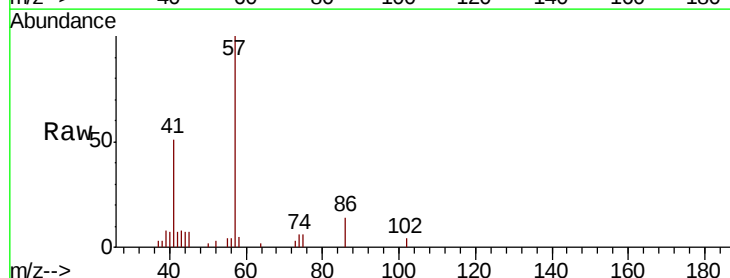
Tgt Ion: 41 Resp: 10553

Ion Ratio Lower Upper

41 100

69 0.0 72.6 109.0#

39 19.0 42.6 63.8#



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

50000

40000

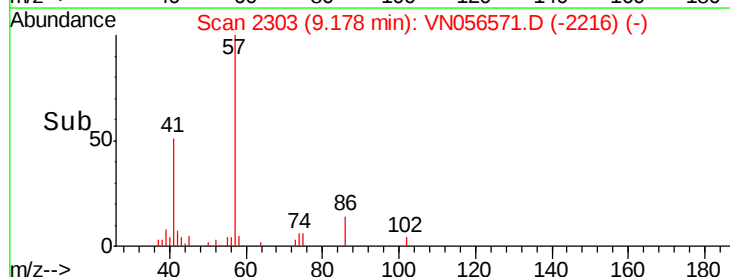
30000

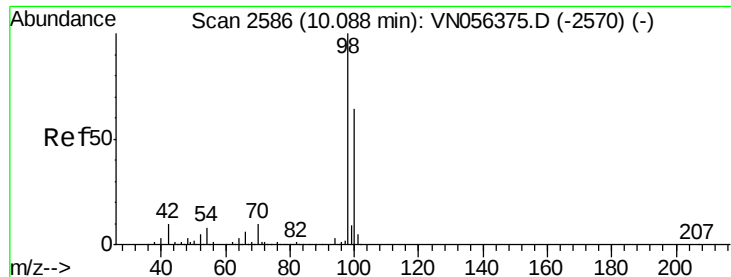
20000

10000

0

Time-->





#50

Toluene-d8

Concen: 51.965 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN056571.D

Acq: 1 Jul 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

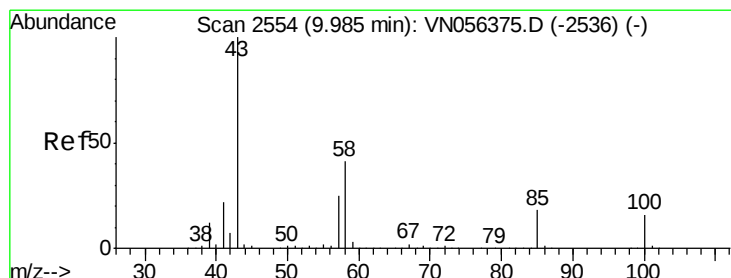
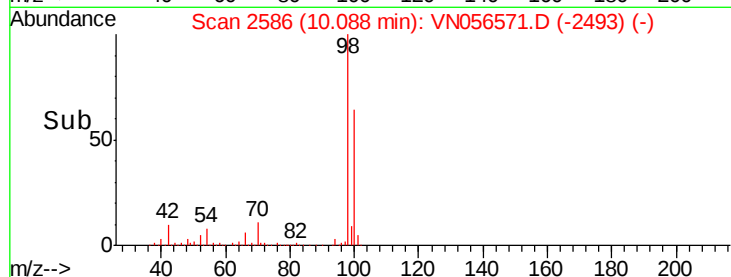
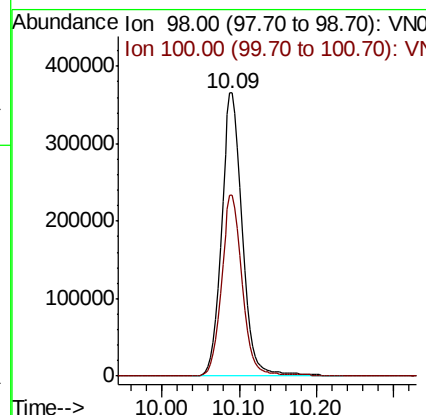
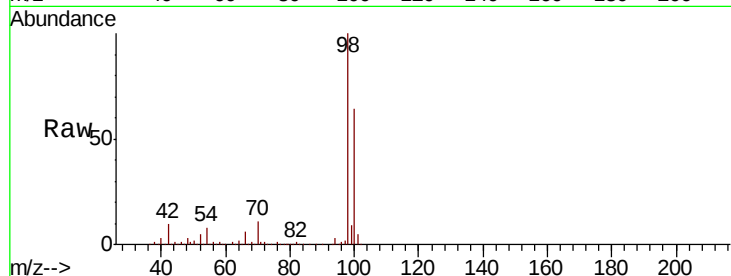
EO-01-062819-B

Tot Ion: 98 Resp: 691054

Ion Ratio Lower Upper

98 100

100 63.4 52.2 78.2



#51

4-Methyl-2-Pentanone

Concen: 1.230 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN056571.D

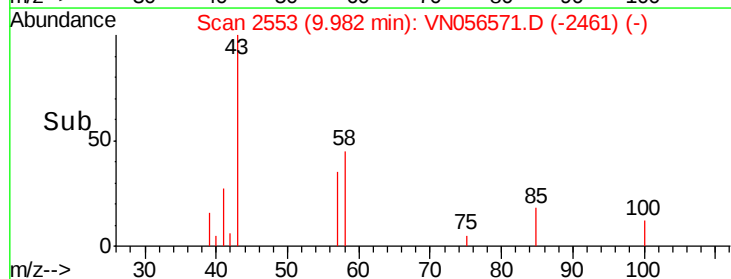
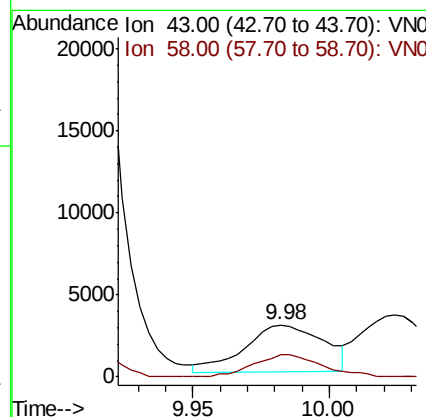
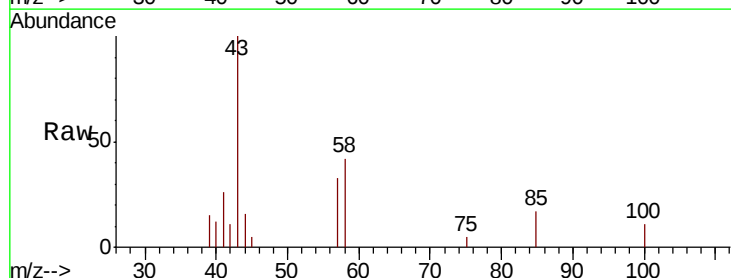
Acq: 1 Jul 2019 14:48

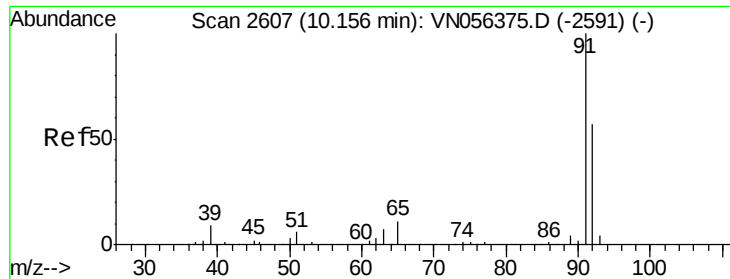
Tgt Ion: 43 Resp: 5802

Ion Ratio Lower Upper

43 100

58 40.2 31.8 47.8





#52

Toluene

Concen: 7.177 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056571.D

Acq: 1 Jul 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

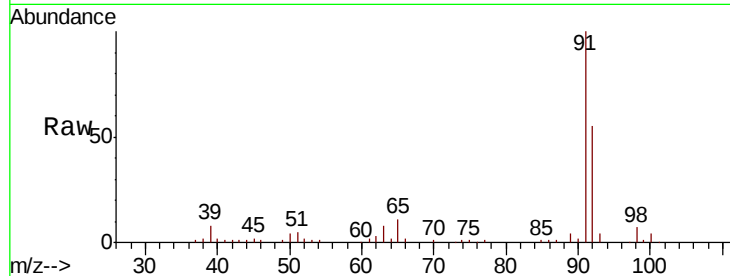
EO-01-062819-B

Tot Ion: 92 Resp: 65081

Ion Ratio Lower Upper

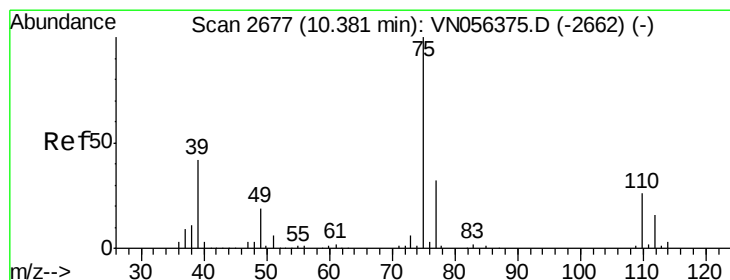
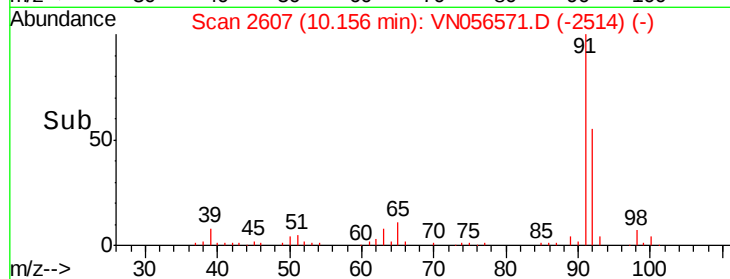
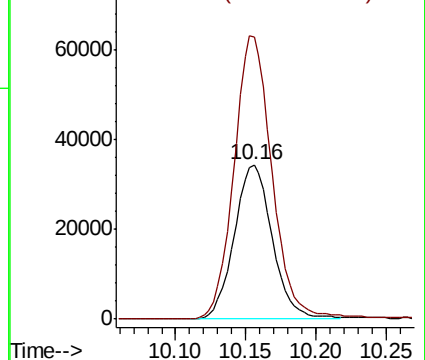
92 100

91 184.5 140.6 211.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#53

t-1,3-Dichloropropene

Concen: 3.001 ug/l

RT: 10.16 min Scan# 2608

Delta R.T. -0.22 min

Lab File: VN056571.D

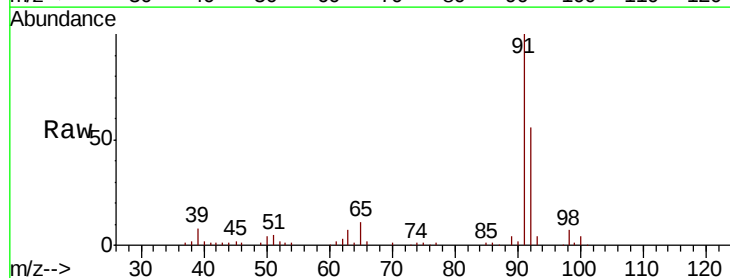
Acq: 1 Jul 2019 14:48

Tgt Ion: 75 Resp: 595

Ion Ratio Lower Upper

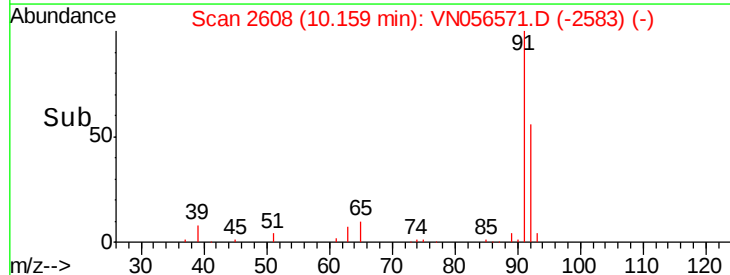
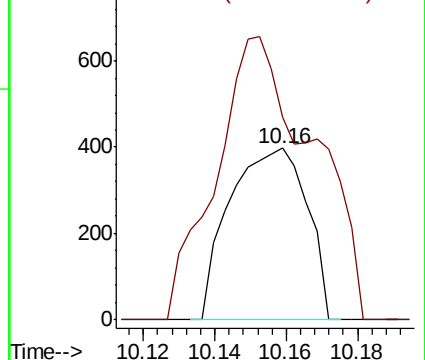
75 100

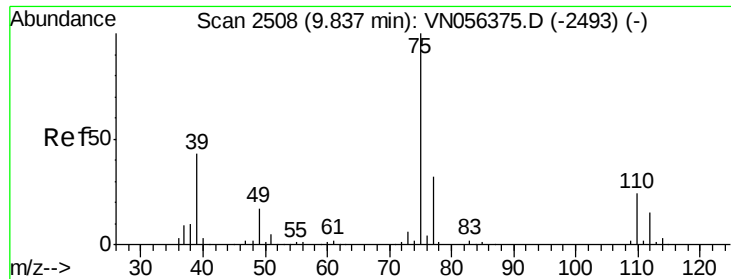
77 65.5 25.4 38.2#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



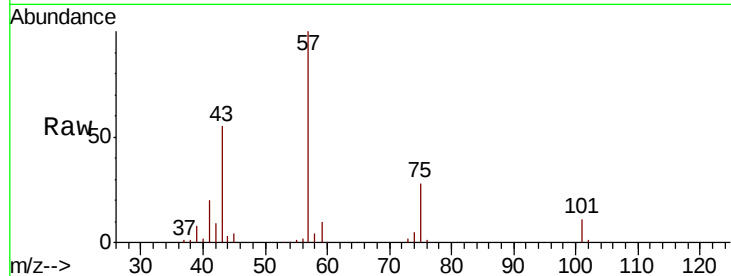


#54

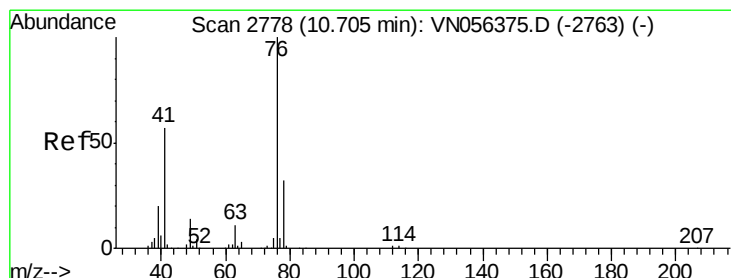
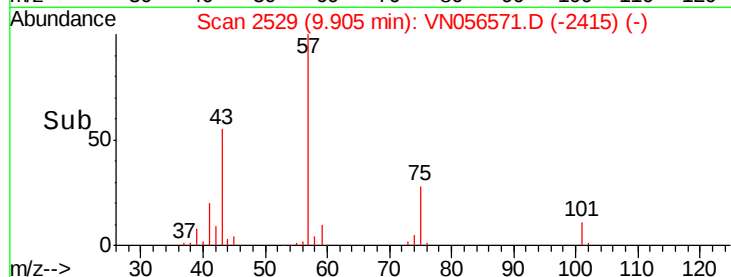
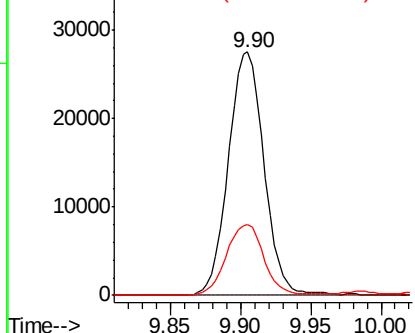
cis-1,3-Dichloropropene
 Concen: 9.179 ug/l
 RT: 9.90 min Scan# 2529
 Delta R.T. 0.07 min
 Lab File: VN056571.D
 Acq: 1 Jul 2019 14:48

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

Tot Ion: 75 Resp: 48653
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.2 37.8#
 39 29.3 34.2 51.4#



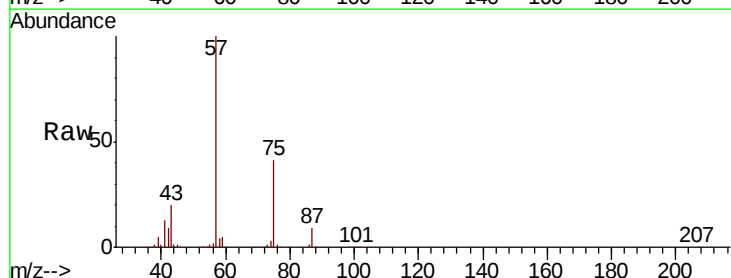
Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 76.90 (76.60 to 77.60): VNO
 Ion 39.00 (38.70 to 39.70): VNO



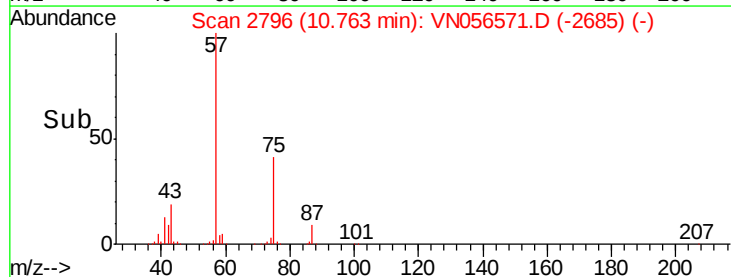
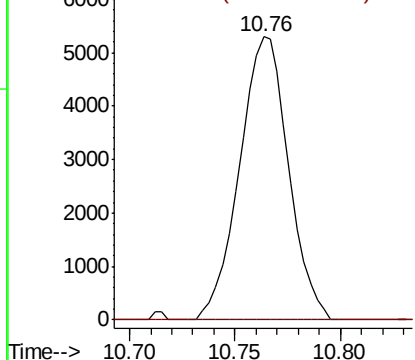
#57

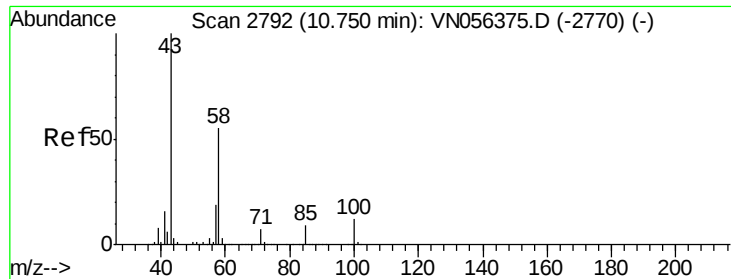
1,3-Dichloropropane
 Concen: 1.395 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN056571.D
 Acq: 1 Jul 2019 14:48

Tgt Ion: 76 Resp: 8541
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.9 38.9#



Abundance Ion 75.90 (75.60 to 76.60): VNO
 Ion 77.90 (77.60 to 78.60): VNO

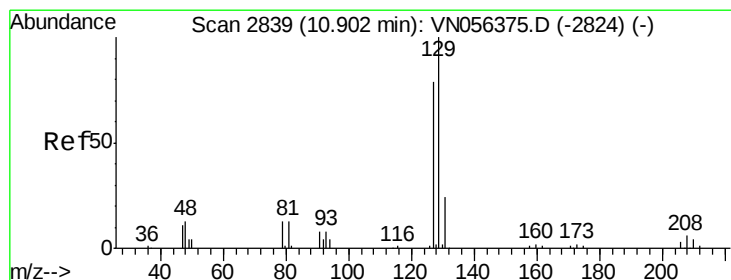
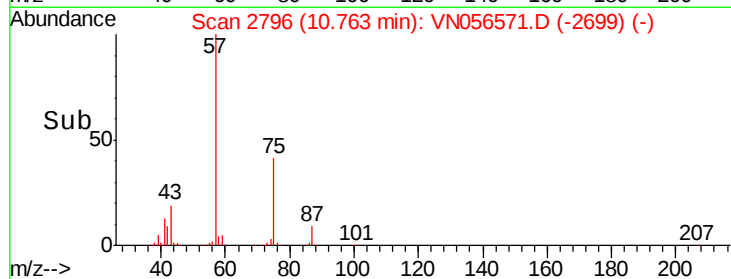
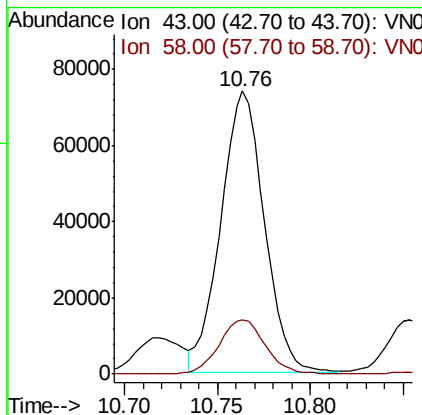
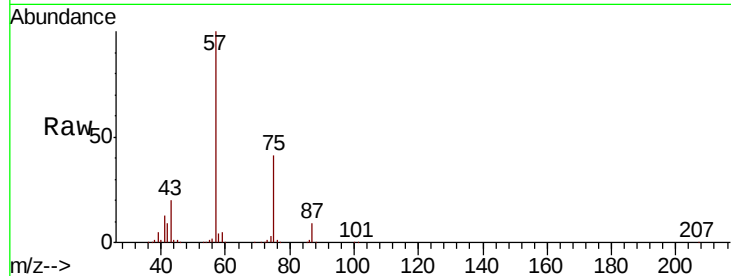




#59
2-Hexanone
Concen: 34.840 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN056571.D
Acq: 1 Jul 2019 14:48

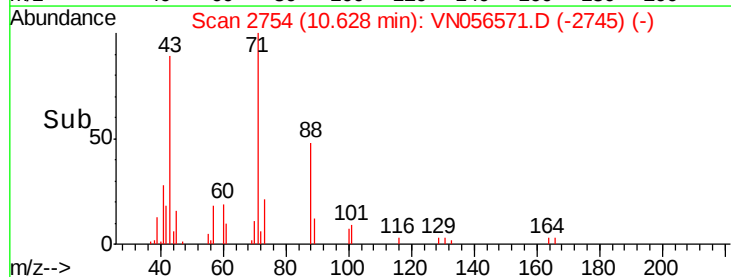
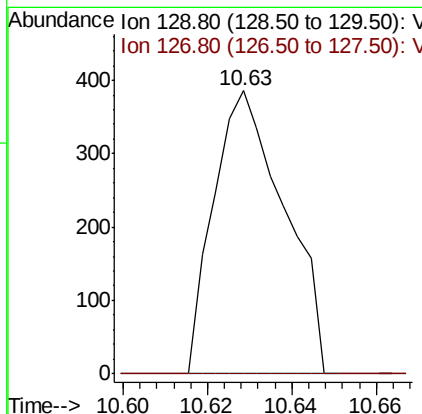
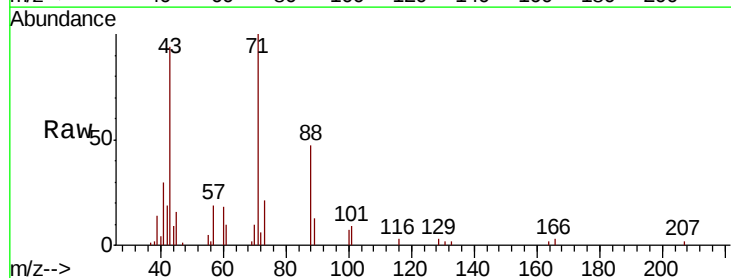
Instrument :
MSVOA_N
ClientSampleId :
EO-01-062819-B

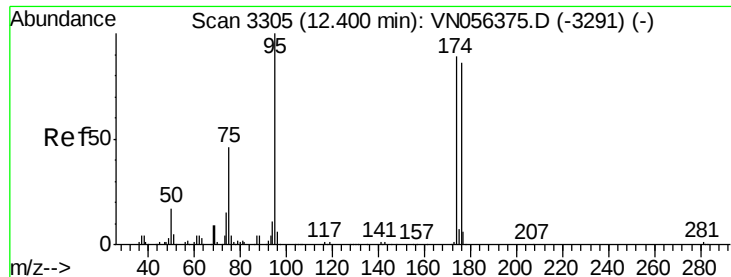
Tot Ion: 43 Resp: 120768
Ion Ratio Lower Upper
43 100
58 20.6 27.8 83.4#



#60
Dibromochloromethane
Concen: 2.496 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.27 min
Lab File: VN056571.D
Acq: 1 Jul 2019 14:48

Tgt Ion: 129 Resp: 448
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.7#

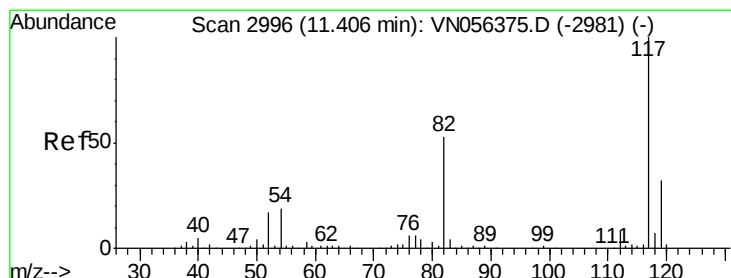
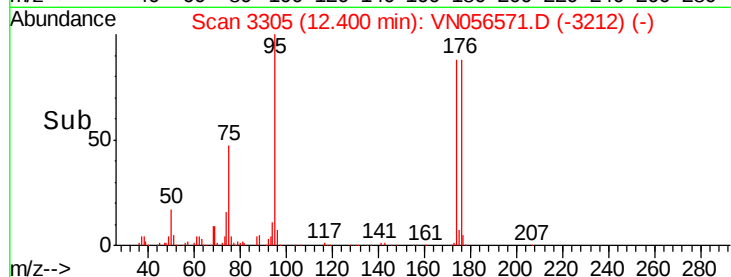
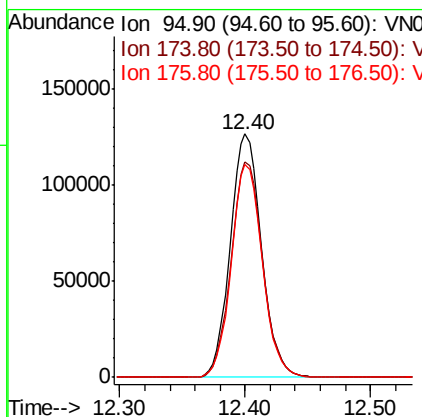
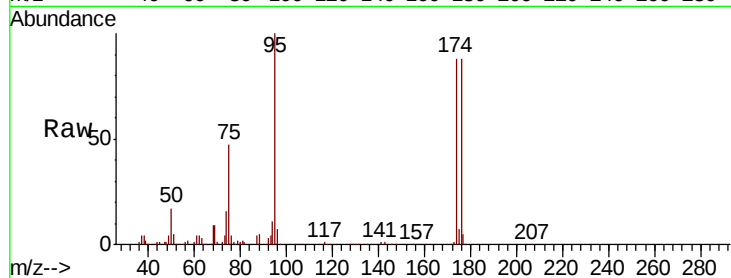




#62
4-Bromofluorobenzene
Concen: 49.044 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN056571.D
Acq: 1 Jul 2019 14:48

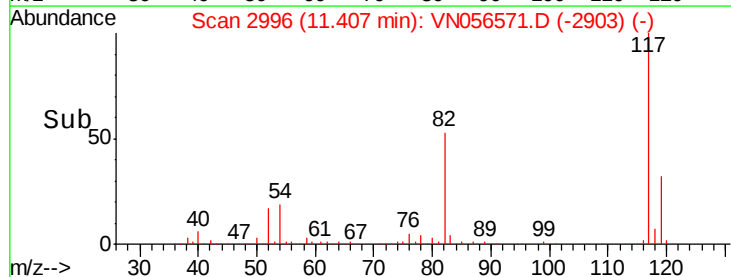
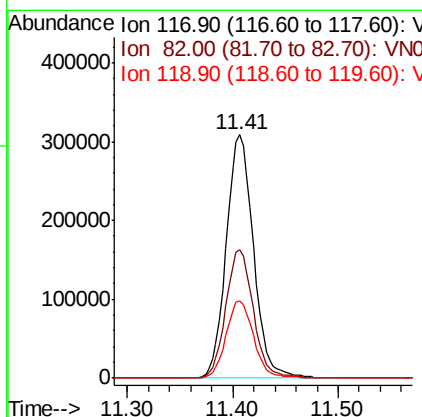
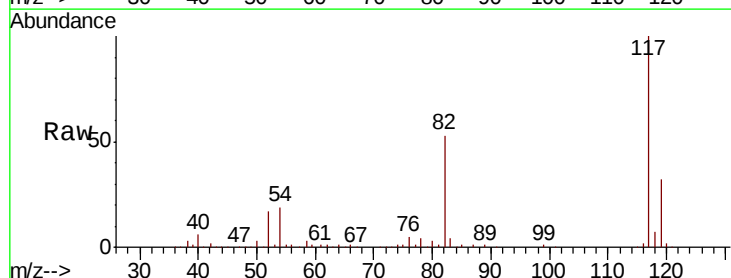
Instrument :
MSVOA_N
ClientSampleId :
EO-01-062819-B

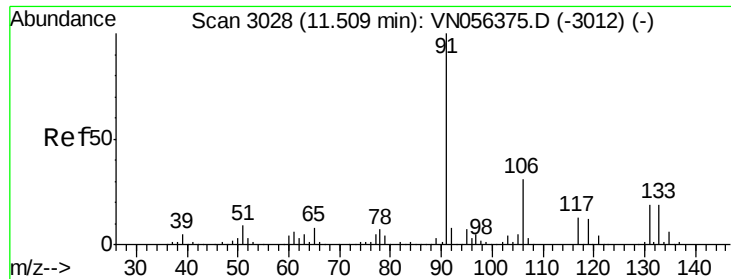
Tot Ion: 95 Resp: 217422
Ion Ratio Lower Upper
95 100
174 89.7 0.0 179.4
176 87.1 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056571.D
Acq: 1 Jul 2019 14:48

Tgt Ion: 117 Resp: 551176
Ion Ratio Lower Upper
117 100
82 52.8 42.0 63.0
119 31.7 25.3 37.9

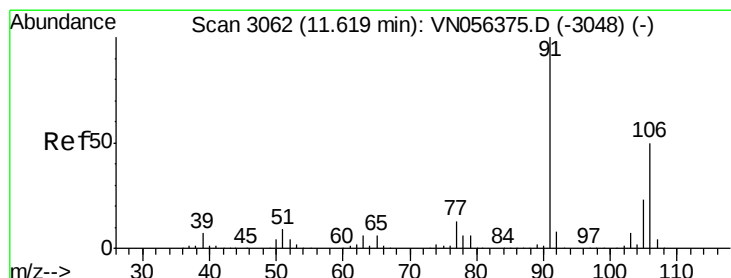
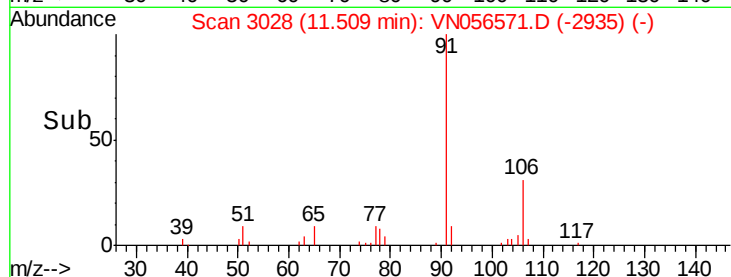
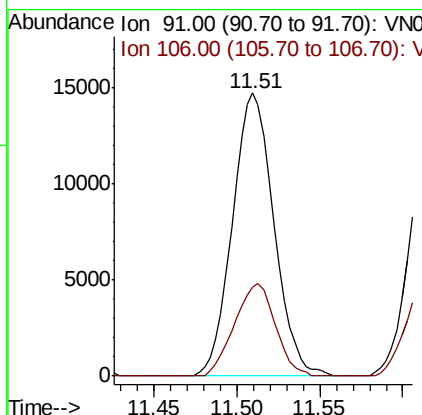
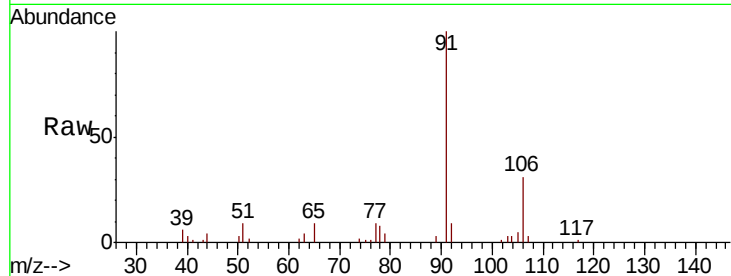




#67
Ethyl Benzene
Concen: 1.313 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056571.D
Acq: 1 Jul 2019 14:48

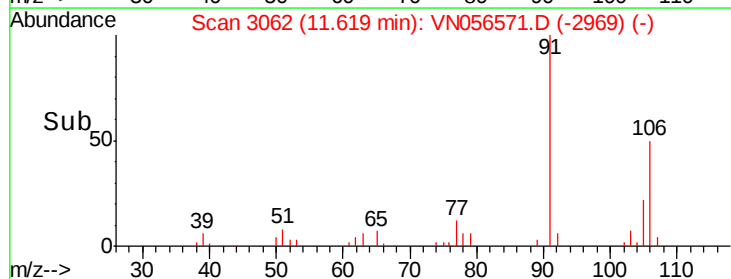
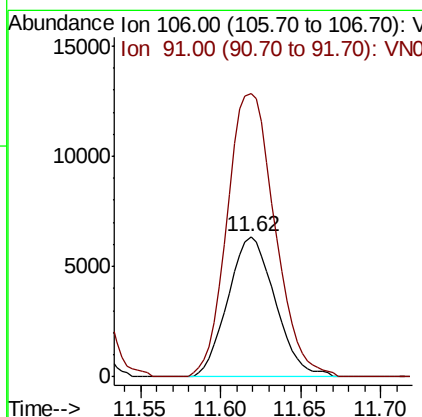
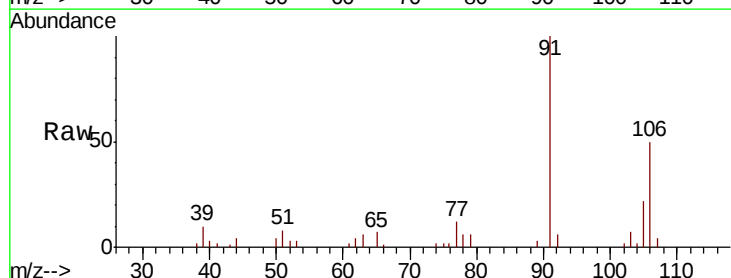
Instrument :
MSVOA_N
ClientSampled :
EO-01-062819-B

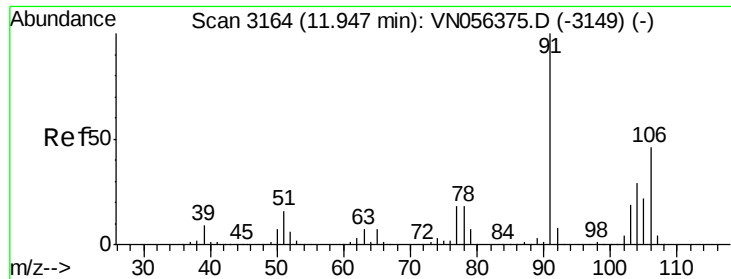
Tot Ion: 91 Resp: 25530
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7



#68
m/p-Xylenes
Concen: 1.797 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056571.D
Acq: 1 Jul 2019 14:48

Tgt Ion: 106 Resp: 12807
Ion Ratio Lower Upper
106 100
91 204.4 160.1 240.1

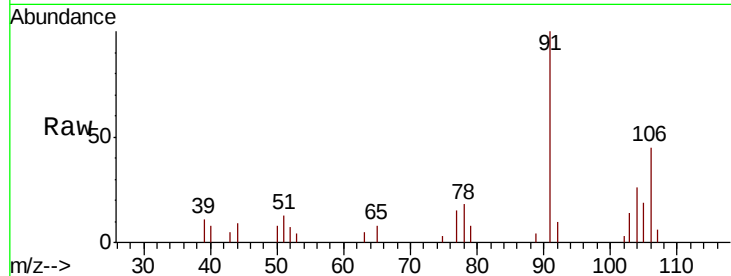




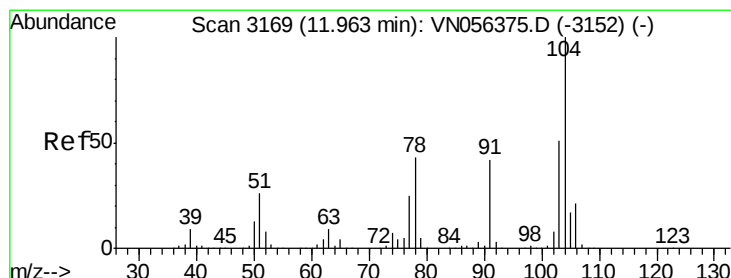
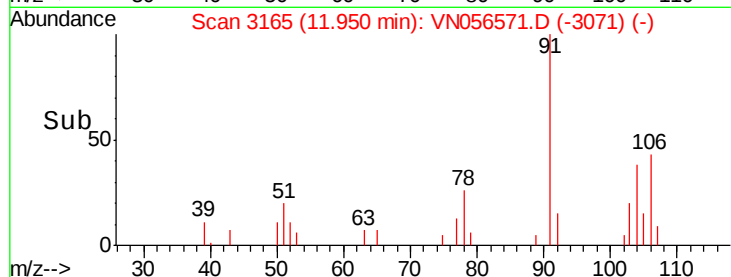
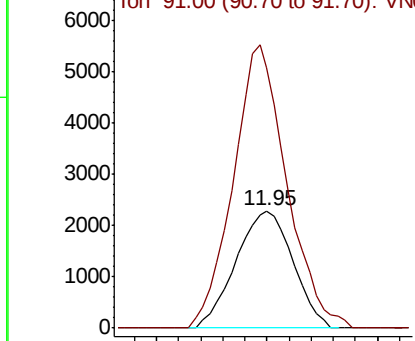
#69
o-Xylene
Concen: 0.580 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN056571.D
Acq: 1 Jul 2019 14:48

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

Tot Ion:106 Resp: 4092
Ion Ratio Lower Upper
106 100
91 227.1 107.1 321.3

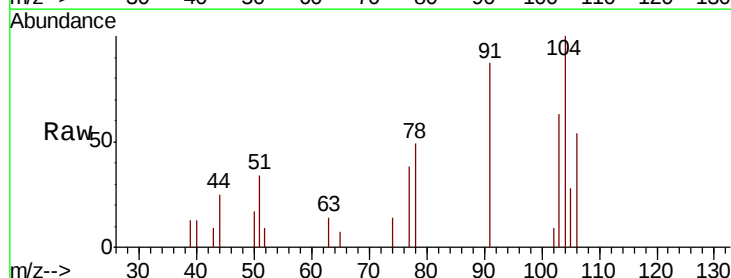


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

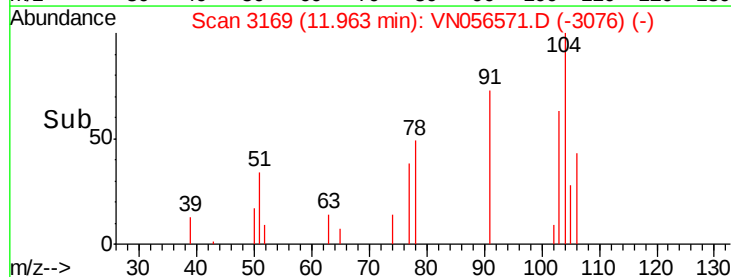
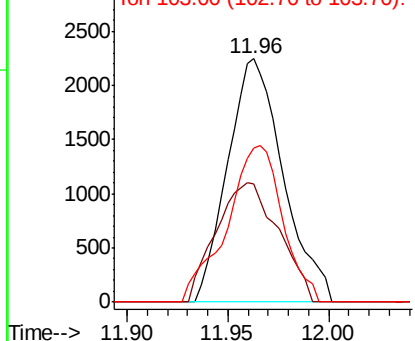


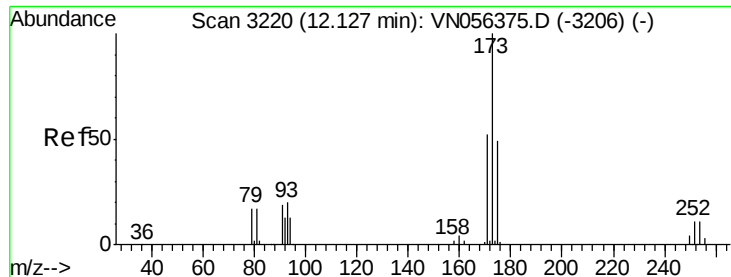
#70
Styrene
Concen: 0.383 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056571.D
Acq: 1 Jul 2019 14:48

Tgt Ion:104 Resp: 4320
Ion Ratio Lower Upper
104 100
78 54.9 38.6 57.8
103 64.5 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 3.688 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN056571.D

Acq: 1 Jul 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

EO-01-062819-B

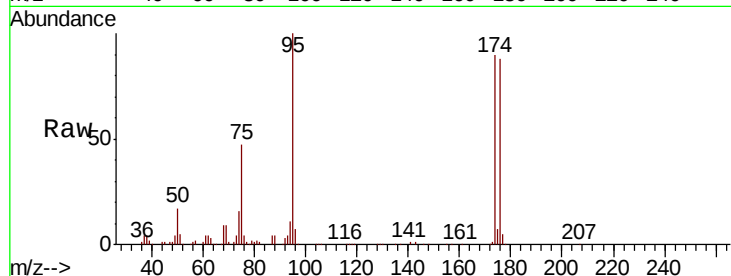
Tot Ion:173 Resp: 1758

Ion Ratio Lower Upper

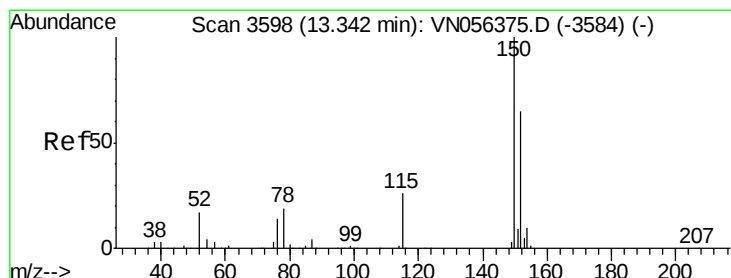
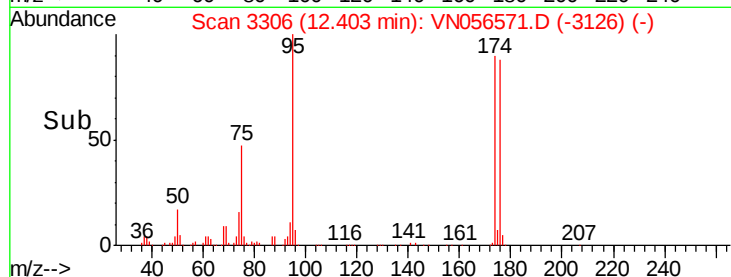
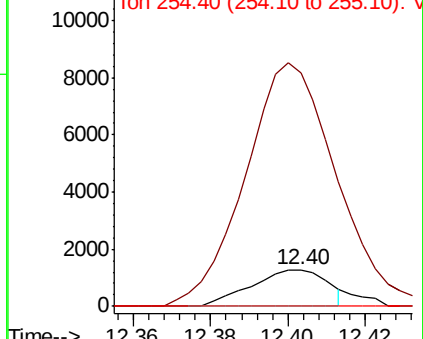
173 100

175 700.7 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: VN056571.D

Acq: 1 Jul 2019 14:48

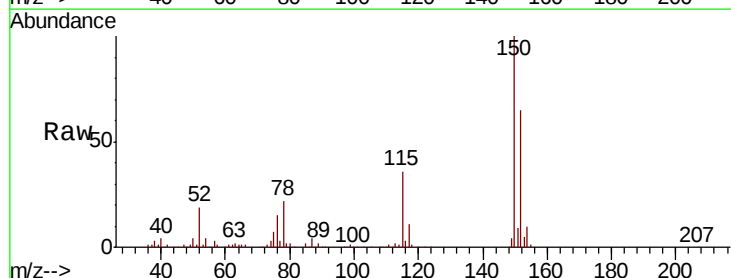
Tgt Ion:152 Resp: 155771

Ion Ratio Lower Upper

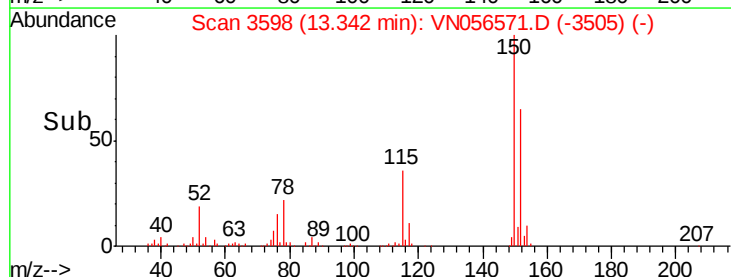
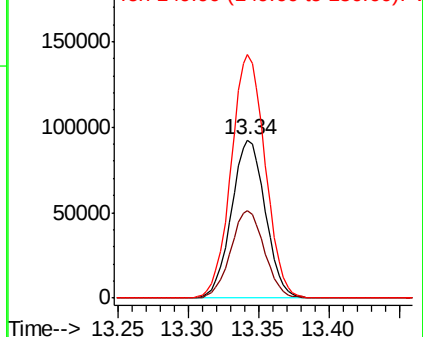
152 100

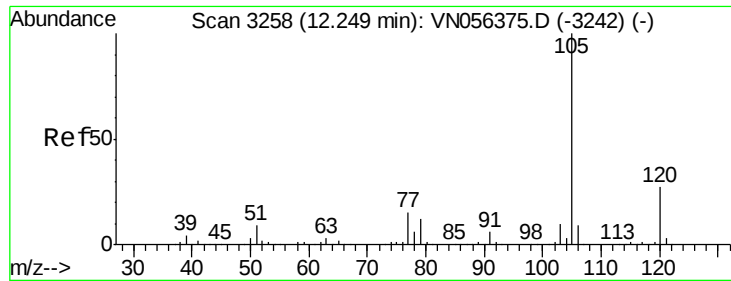
115 55.1 28.1 84.4

150 154.7 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# 3259

Delta R.T. 0.00 min

Lab File: VN056571.D

Acq: 1 Jul 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

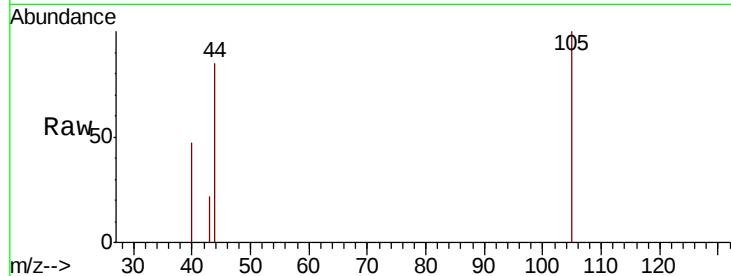
EO-01-062819-B

Tot Ion:105 Resp: 1232

Ion Ratio Lower Upper

105 100

120 13.6 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

800

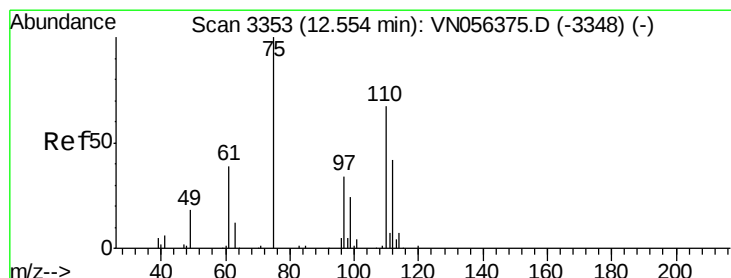
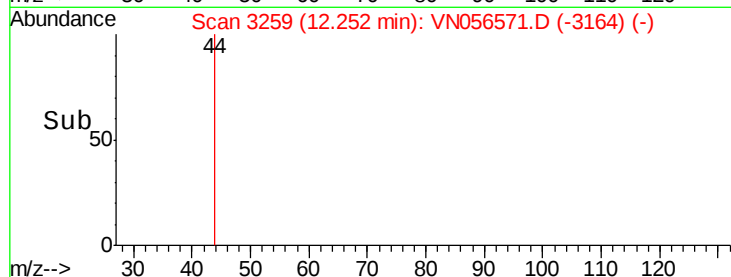
600

400

200

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 31.513 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN056571.D

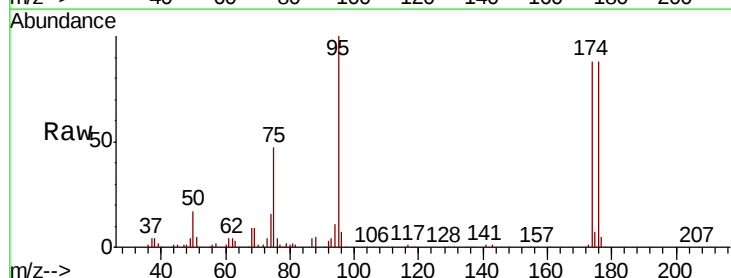
Acq: 1 Jul 2019 14:48

Tgt Ion: 75 Resp: 101785

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

12.40

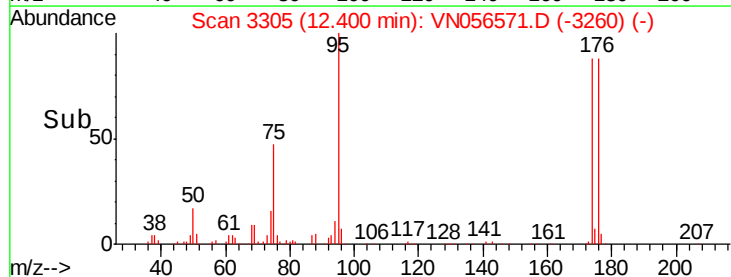
60000

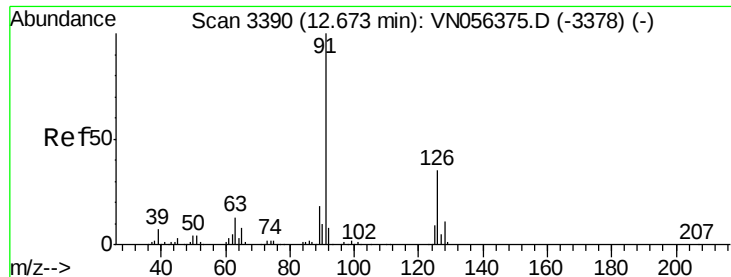
40000

20000

0

Time-->





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.78 min Scan# 3422

Delta R.T. 0.10 min

Lab File: VN056571.D

Acq: 1 Jul 2019 14:48

Instrument :

MSVOA_N

ClientSampled :

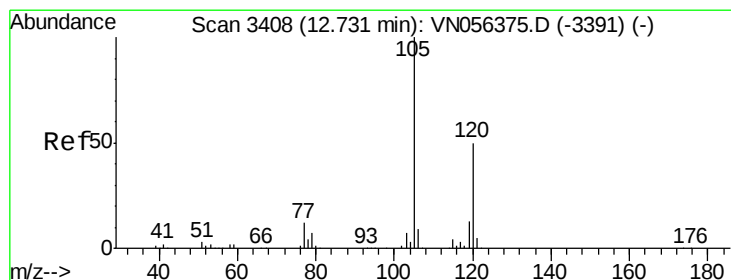
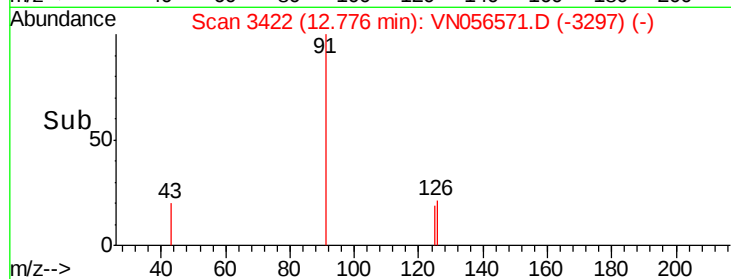
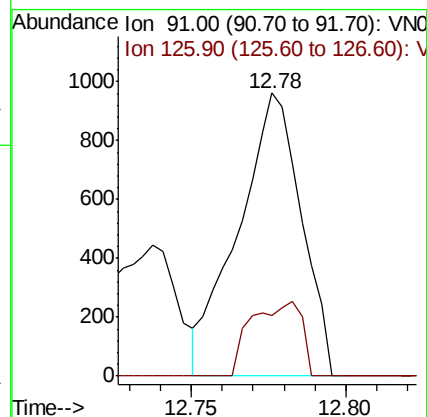
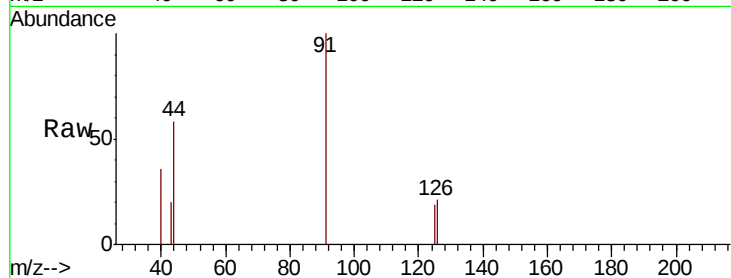
EO-01-062819-B

Tot Ion: 91 Resp: 1361

Ion Ratio Lower Upper

91 100

126 20.9 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: VN056571.D

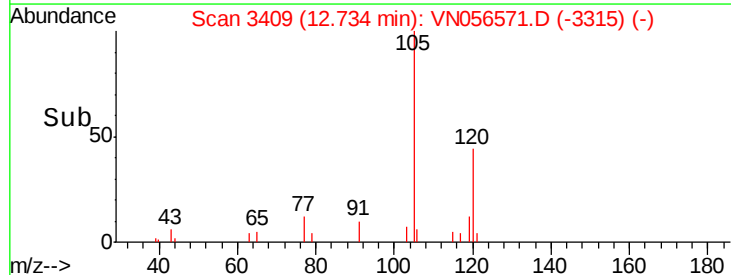
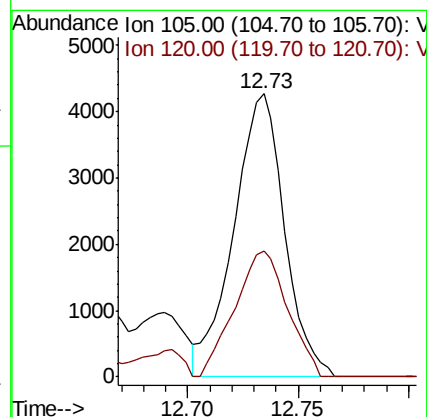
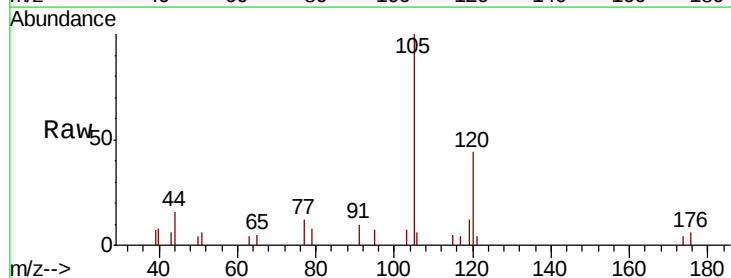
Acq: 1 Jul 2019 14:48

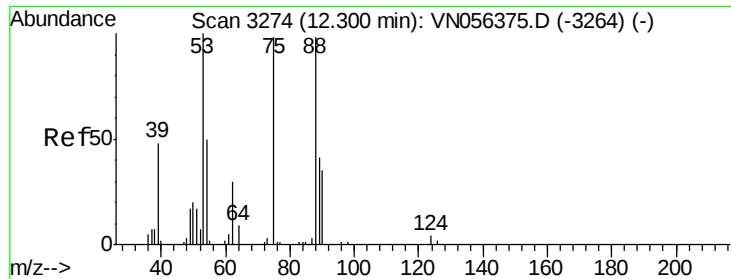
Tgt Ion: 105 Resp: 6823

Ion Ratio Lower Upper

105 100

120 46.4 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 112.002 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN056571.D

Acq: 1 Jul 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

EO-01-062819-B

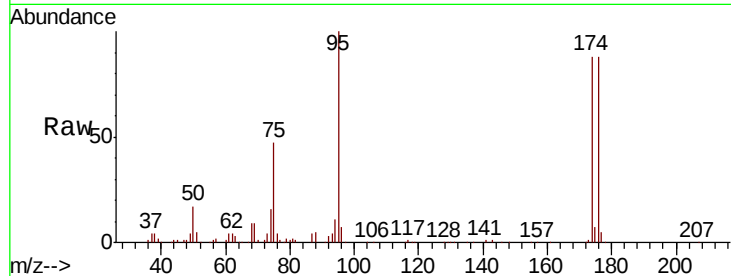
Tot Ion: 75 Resp: 101785

Ion Ratio Lower Upper

75 100

53 0.0 83.9 125.9#

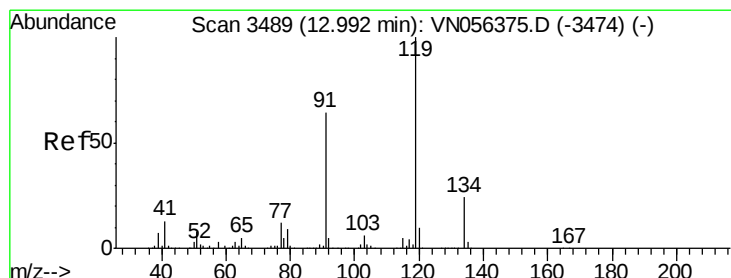
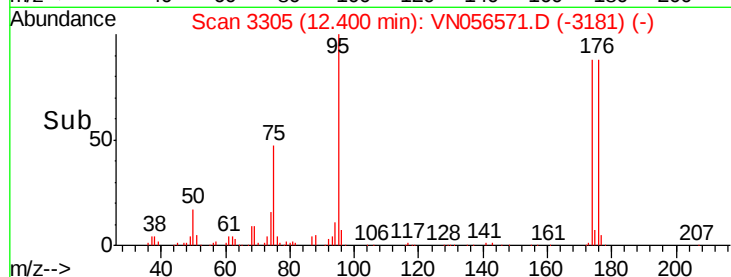
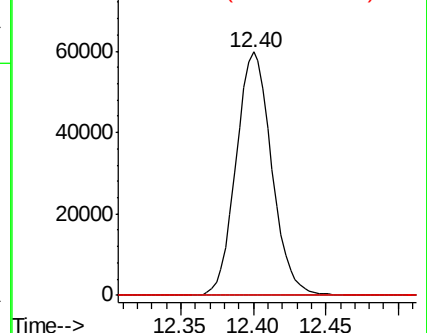
89 0.0 35.0 52.6#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN056571.D

Acq: 1 Jul 2019 14:48

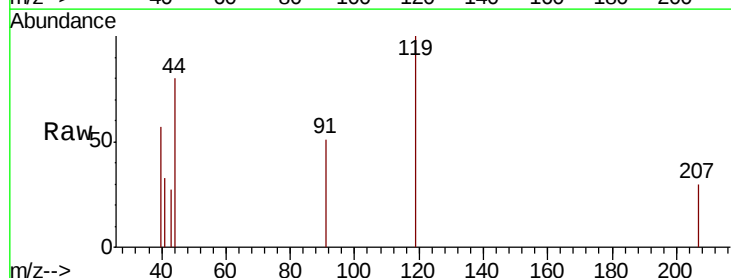
Tgt Ion: 119 Resp: 932

Ion Ratio Lower Upper

119 100

91 57.9 31.6 94.7

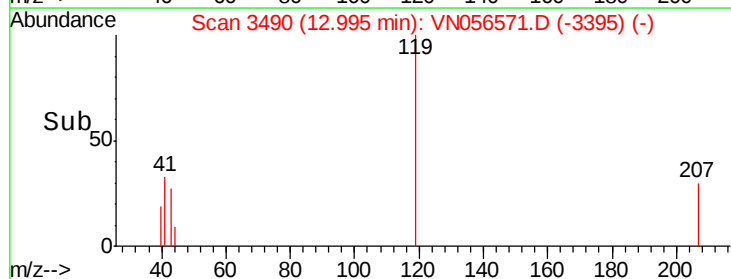
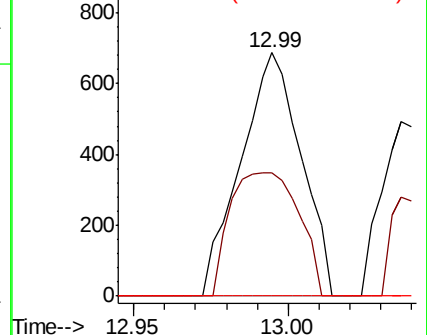
134 0.0 13.2 39.5#

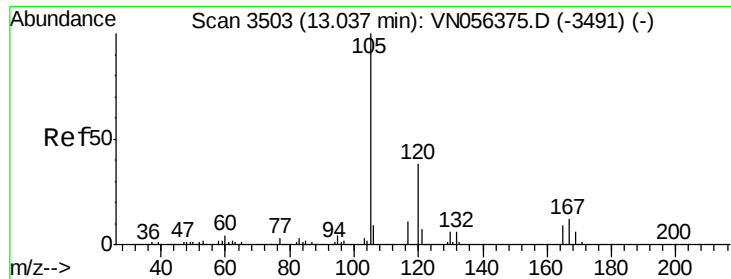


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN0

Ion 134.00 (133.70 to 134.70): V

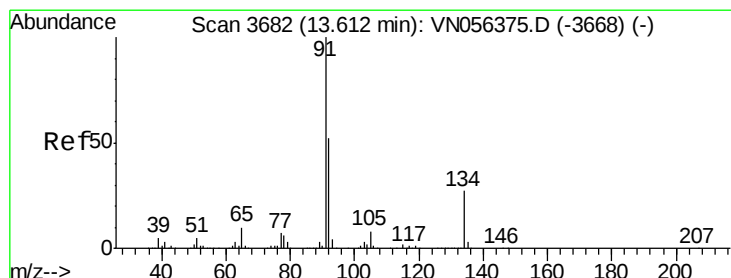
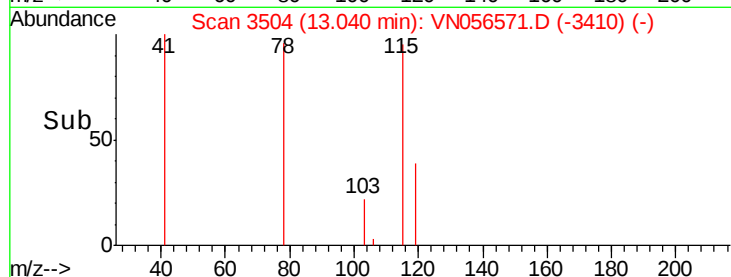
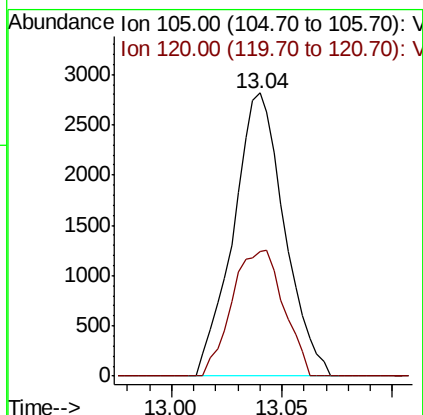
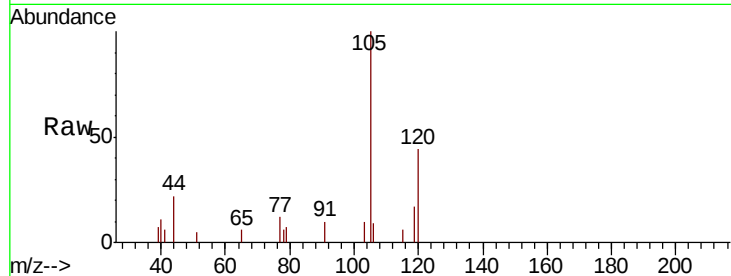




#84
 1,2,4-Trimethylbenzene
 Concen: 0.432 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056571.D
 Acq: 1 Jul 2019 14:48

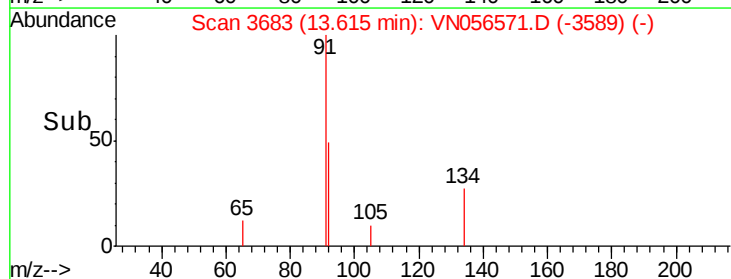
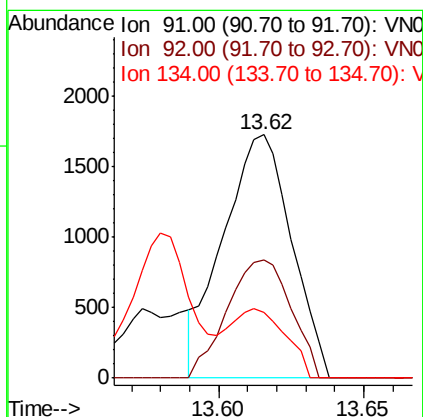
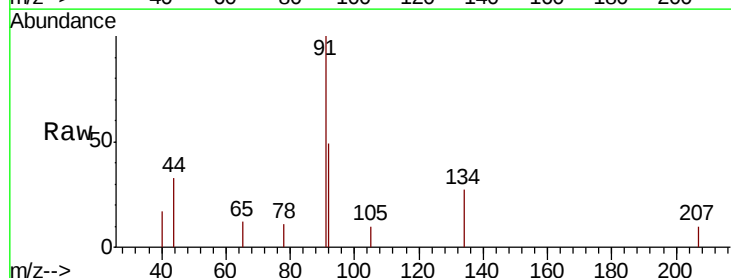
Instrument :
 MSVOA_N
 ClientSampleId :
 EO-01-062819-B

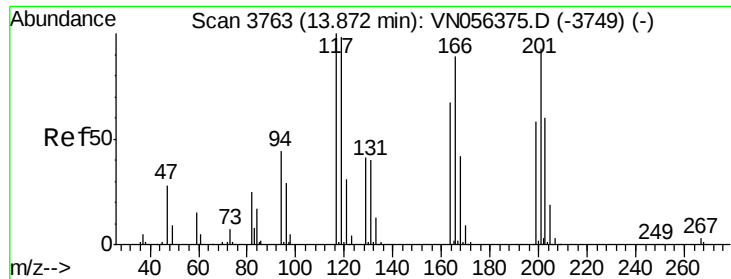
Tot Ion: 105 Resp: 4527
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.9 68.8



#89
 n-Butylbenzene
 Concen: 0.347 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN056571.D
 Acq: 1 Jul 2019 14:48

Tgt Ion: 91 Resp: 2825
 Ion Ratio Lower Upper
 91 100
 92 45.5 26.2 78.5
 134 23.2 13.4 40.2





#90

Hexachloroethane

Concen: 0.231 ug/l

RT: 13.89 min Scan# 3767

Delta R.T. 0.01 min

Lab File: VN056571.D

Acq: 1 Jul 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

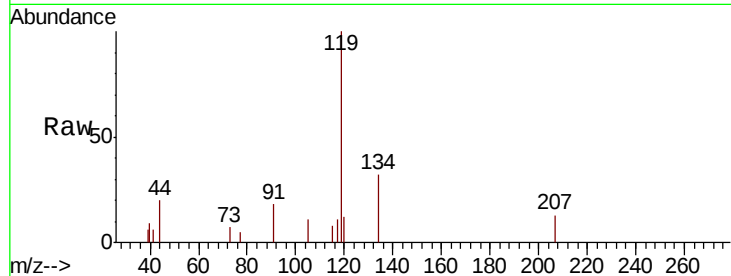
EO-01-062819-B

Tot Ion:117 Resp: 387

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

13.89

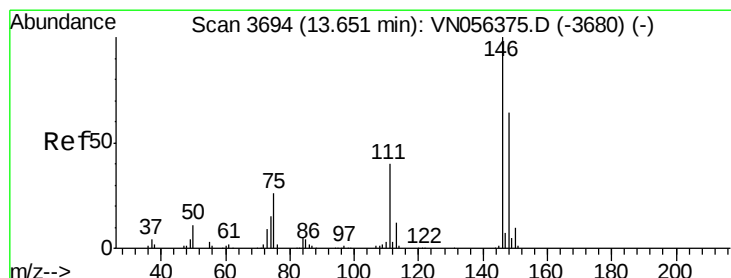
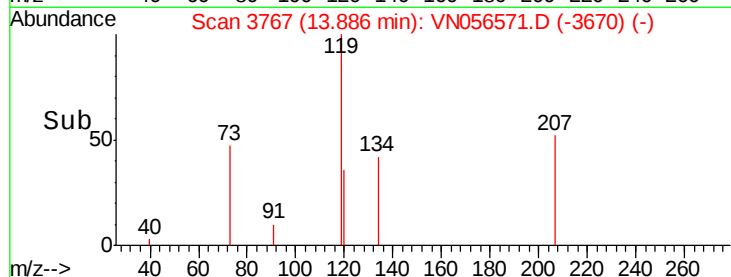
300

200

100

0

Time-->



#91

1,2-Dichlorobenzene

Concen: 0.245 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN056571.D

Acq: 1 Jul 2019 14:48

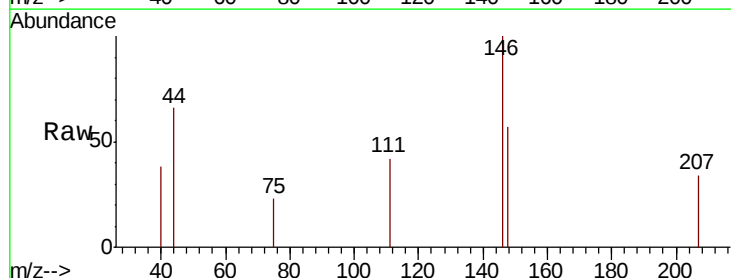
Tgt Ion:146 Resp: 1284

Ion Ratio Lower Upper

146 100

111 26.8 19.3 57.9

148 55.2 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

13.65

1000

800

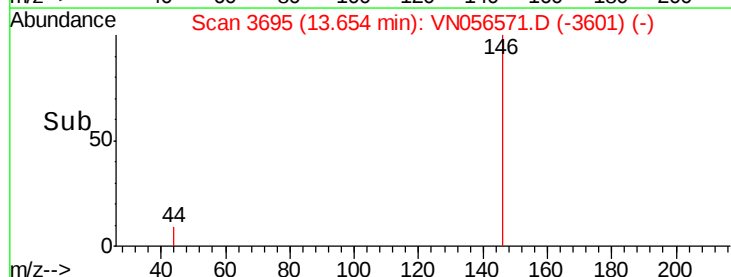
600

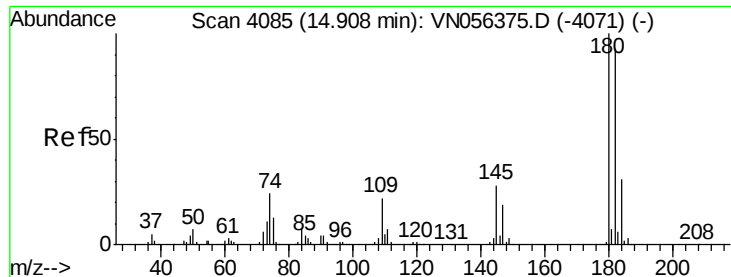
400

200

0

Time-->

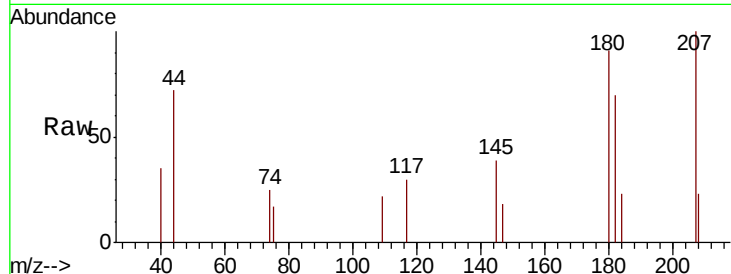




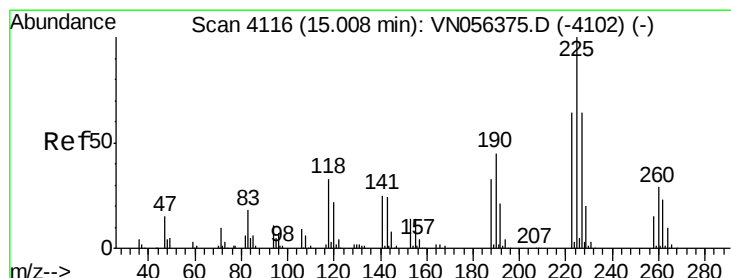
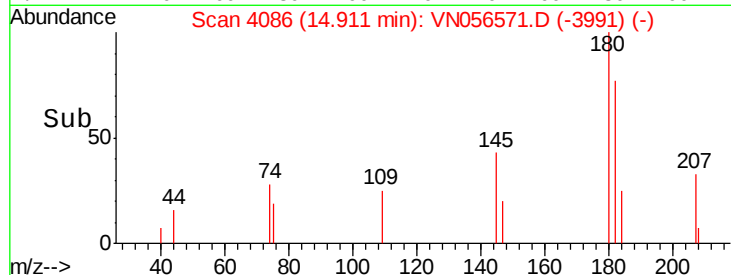
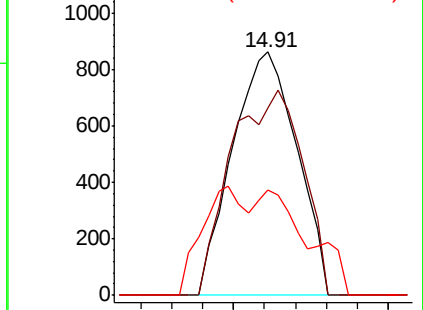
#93
 1,2,4-Trichlorobenzene
 Concen: 6.021 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN056571.D
 Acq: 1 Jul 2019 14:48

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

Tot Ion:180 Resp: 1251
 Ion Ratio Lower Upper
 180 100
 182 94.0 46.9 140.6
 145 30.9 14.4 43.0

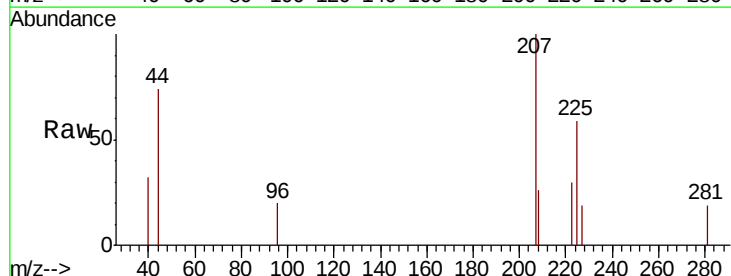


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

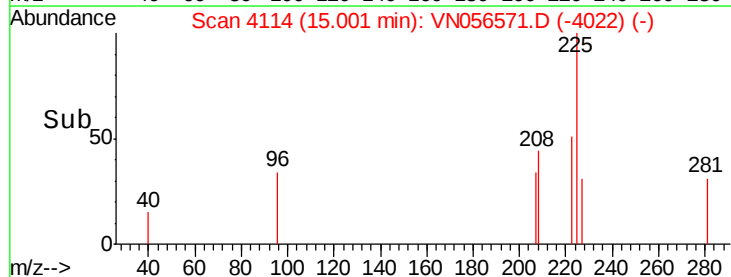
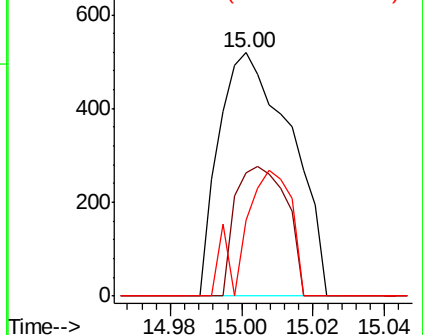


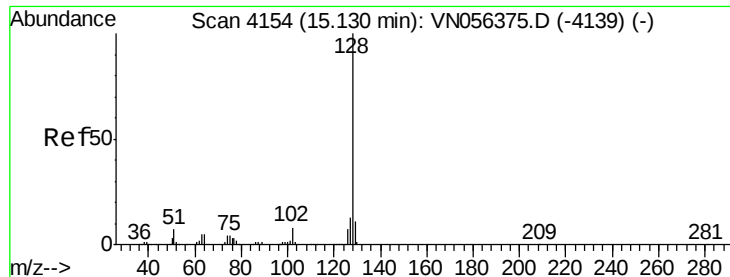
#94
 Hexachlorobutadiene
 Concen: Below Cal
 RT: 15.00 min Scan# 4114
 Delta R.T. -0.01 min
 Lab File: VN056571.D
 Acq: 1 Jul 2019 14:48

Tgt Ion:225 Resp: 723
 Ion Ratio Lower Upper
 225 100
 223 38.0 31.4 94.3
 227 34.0 32.1 96.3



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





#95

Naphthalene

Concen: 6.005 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN056571.D

Acq: 1 Jul 2019 14:48

Instrument :

MSVOA_N

ClientSampleId :

EO-01-062819-B

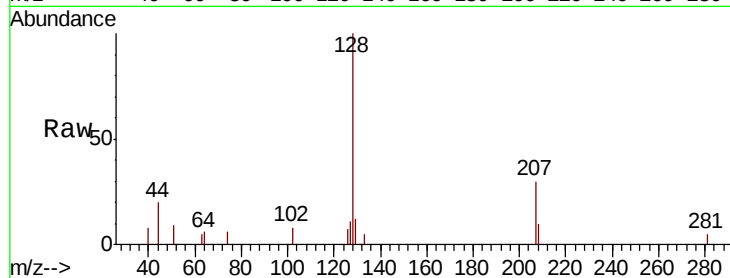
Tot Ion:128 Resp: 6053

Ion Ratio Lower Upper

128 100

127 10.8 10.2 15.2

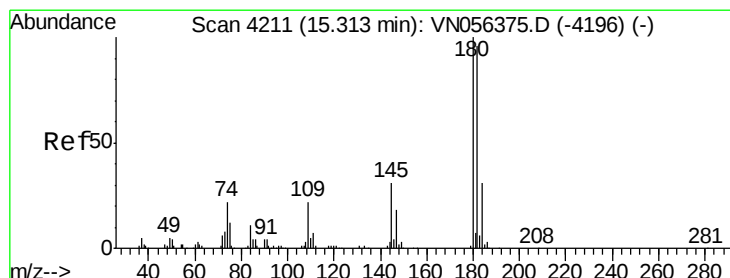
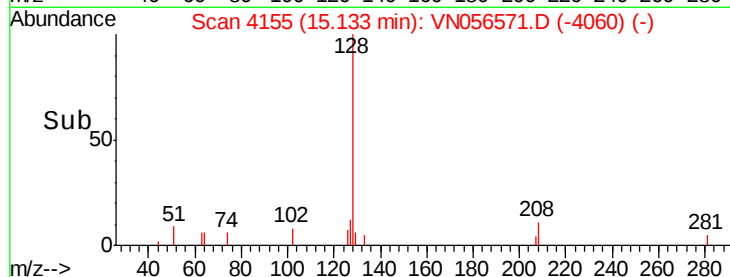
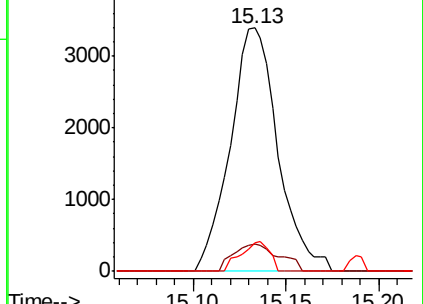
129 7.3 8.6 12.8#



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: 4.934 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN056571.D

Acq: 1 Jul 2019 14:48

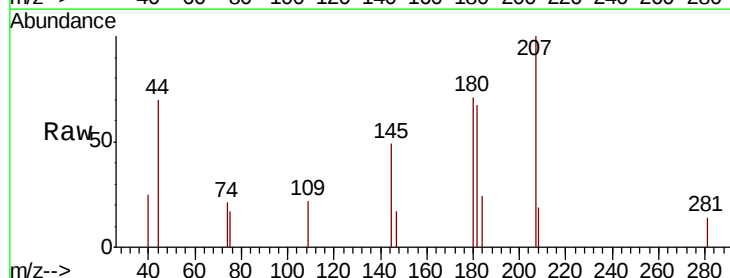
Tgt Ion:180 Resp: 1404

Ion Ratio Lower Upper

180 100

182 106.8 48.3 144.8

145 77.4 15.4 46.1#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

