

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052419\
 Data File : VN055805.D
 Acq On : 24 May 2019 19:03
 Operator : JC/SP
 Sample : K2643-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-052319-B

Quant Time: May 25 04:30:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	425249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	605121	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	553207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	199934	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	197527	44.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.96%	
35) Dibromofluoromethane	7.59	113	179376	46.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.78%	
50) Toluene-d8	10.09	98	718313	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
62) 4-Bromofluorobenzene	12.40	95	237040	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	

Target Compounds

						Qvalue
14) Allyl chloride	4.54	41	8297	1.338	ug/l #	26
16) Acetone	3.82	43	47875	24.800	ug/l	99
17) Carbon Disulfide	4.03	76	2285	0.222	ug/l #	74
18) Methyl Acetate	4.34	43	4617	Below Cal	#	87
20) Methylene Chloride	4.54	84	237073	56.706	ug/l	96
25) 2-Butanone	6.86	43	4005	1.486	ug/l	97
29) Tetrahydrofuran	7.22	42	1717	1.006	ug/l #	77
31) Cyclohexane	7.66	56	6441	0.977	ug/l #	1
36) 1,1-Dichloropropene	7.66	75	23924	4.537	ug/l #	48
38) Carbon Tetrachloride	7.67	117	34511	6.283	ug/l #	14
41) Methacrylonitrile	7.22	41	1128	0.438	ug/l #	23
43) Isopropyl Acetate	8.17	43	14466	1.689	ug/l #	89
45) 1,2-Dichloropropane	9.27	63	1455	0.351	ug/l #	44
48) Methyl methacrylate	9.18	41	7689	1.948	ug/l #	12
51) 4-Methyl-2-Pentanone	9.99	43	5211	1.030	ug/l	99
54) cis-1,3-Dichloropropene	9.90	75	56257	8.544	ug/l #	58
57) 1,3-Dichloropropane	10.76	76	11488	1.765	ug/l #	42
59) 2-Hexanone	10.76	43	149733	41.733	ug/l #	51
68) m/p-Xylenes	11.62	106	1891	0.252	ug/l	95
71) Bromoform	12.40	173	866	0.230	ug/l #	1
73) Isopropylbenzene	12.25	105	1130	Below Cal		82
74) N-amyl acetate	12.07	43	874	Below Cal	#	54
76) 1,2,3-Trichloropropane	12.40	75	107951	30.104	ug/l #	100
79) 2-Chlorotoluene	12.67	91	961	Below Cal		71
80) 1,3,5-Trimethylbenzene	12.73	105	4646	Below Cal		99
81) trans-1,4-Dichloro-2-buten	12.40	75	107951	72.647	ug/l #	15
83) tert-Butylbenzene	12.99	119	786	Below Cal	#	87
84) 1,2,4-Trimethylbenzene	13.04	105	4529	Below Cal		96
85) sec-Butylbenzene	13.17	105	1664	Below Cal		83
89) n-Butylbenzene	13.61	91	2167	0.204	ug/l	91
93) 1,2,4-Trichlorobenzene	14.91	180	1308	3.950	ug/l	88
94) Hexachlorobutadiene	15.01	225	592	Below Cal		81
95) Naphthalene	15.13	128	7009	0.758	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.31	180	1923	0.540	ug/l	99

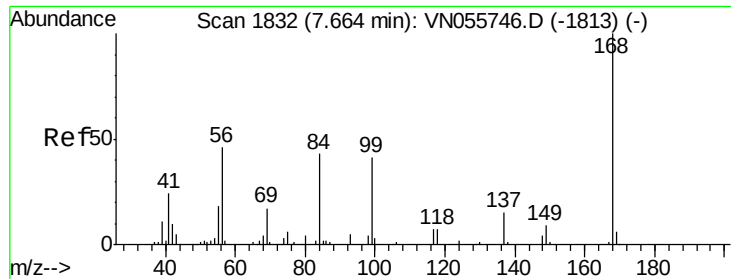
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052419\
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Quant Title : SW846 8260
QLast Update : Fri May 24 06:41:54 2019
Response via : Initial Calibration

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

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055805.D

Acq: 24 May 2019 19:03

Instrument :

MSVOA_N

ClientSampleId :

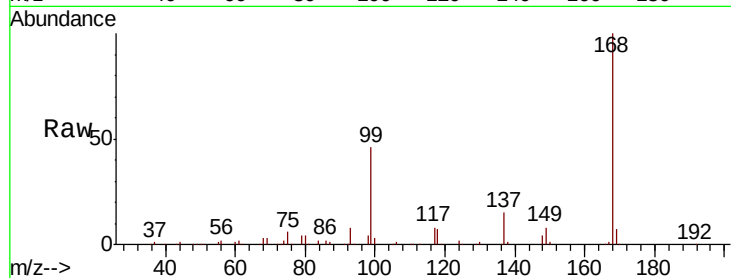
OR-03-052319-B

Tot Ion:168 Resp: 425249

Ion Ratio Lower Upper

168 100

99 46.3 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

150000

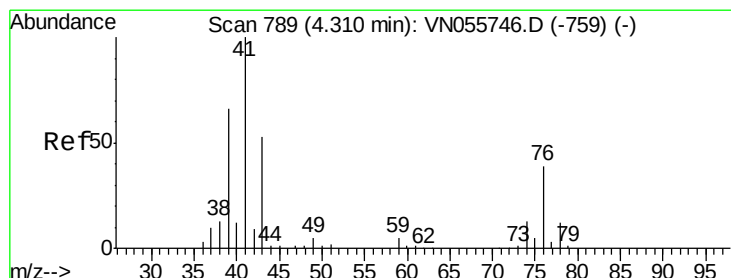
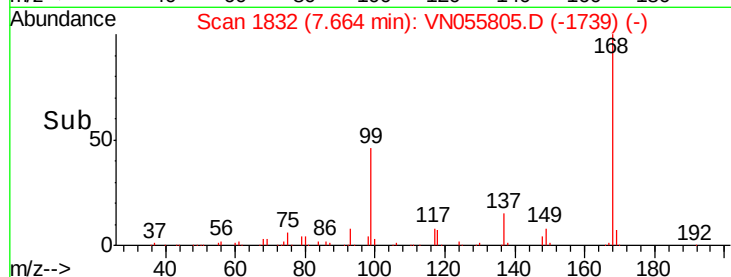
100000

50000

0

Time-->

7.60 7.70 7.80



#14

Allyl chloride

Concen: 1.338 ug/l

RT: 4.54 min Scan# 861

Delta R.T. 0.23 min

Lab File: VN055805.D

Acq: 24 May 2019 19:03

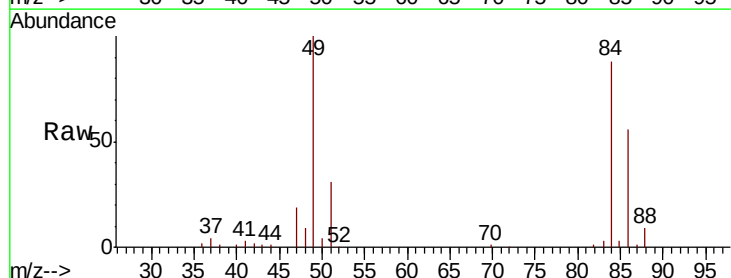
Tgt Ion: 41 Resp: 8297

Ion Ratio Lower Upper

41 100

39 0.0 50.0 75.0#

76 0.0 28.2 42.2#



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

4.54

3000

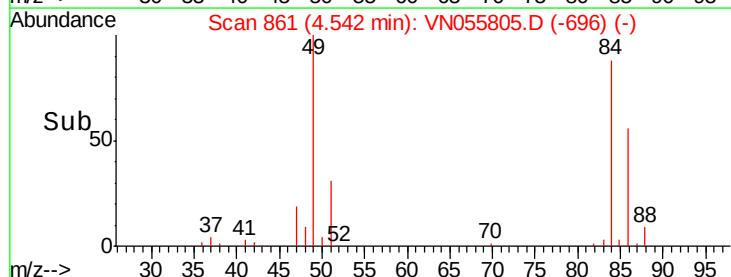
2000

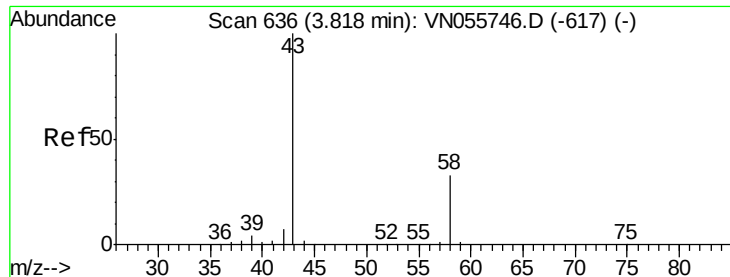
1000

0

Time-->

4.45 4.50 4.55 4.60





#16

Acetone

Concen: 24.800 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN055805.D

Acq: 24 May 2019 19:03

Instrument :

MSVOA_N

ClientSampleId :

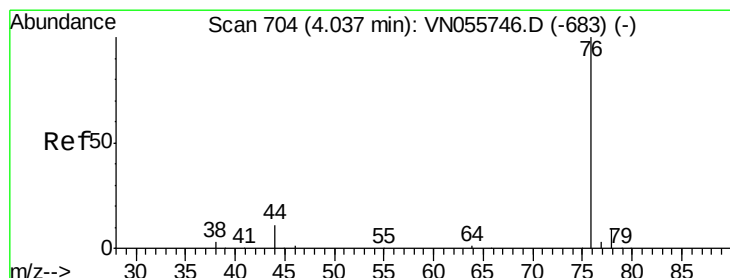
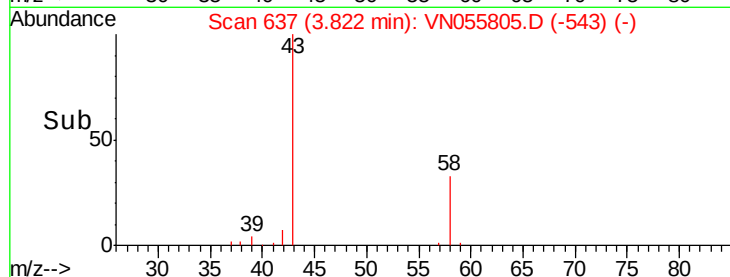
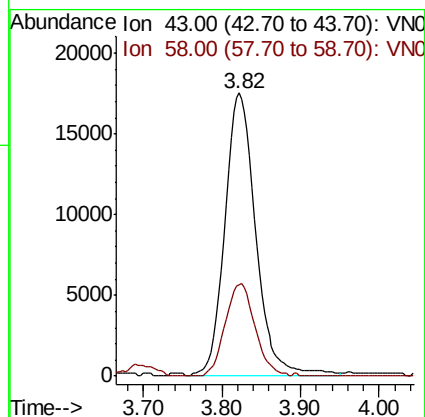
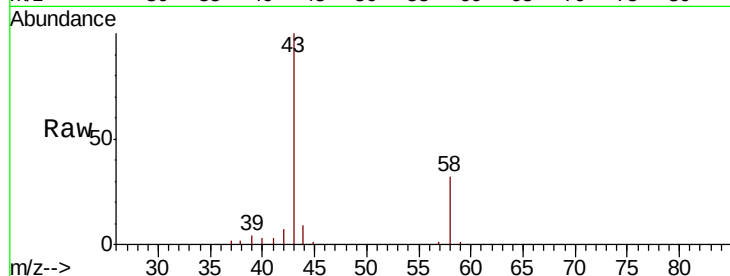
OR-03-052319-B

Tot Ion: 43 Resp: 47875

Ion Ratio Lower Upper

43 100

58 32.5 26.6 39.8



#17

Carbon Disulfide

Concen: 0.222 ug/l

RT: 4.03 min Scan# 703

Delta R.T. -0.00 min

Lab File: VN055805.D

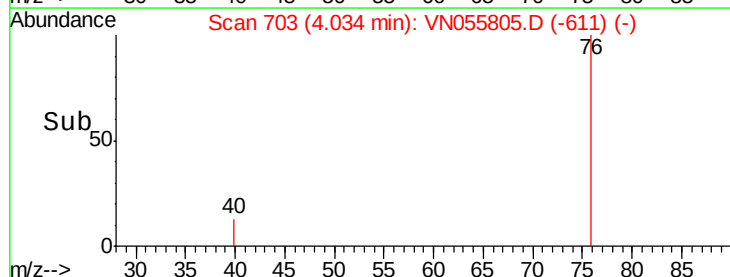
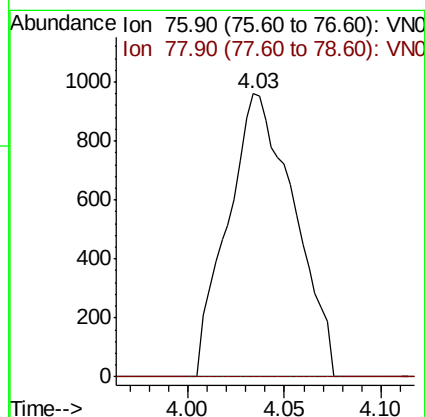
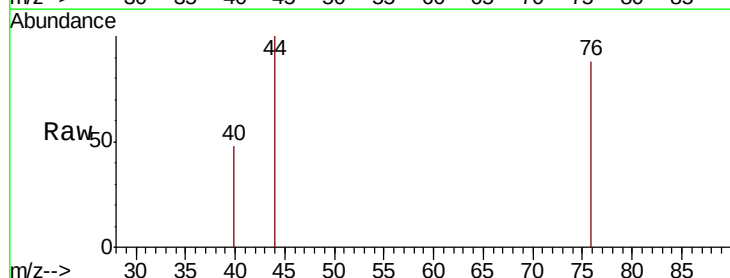
Acq: 24 May 2019 19:03

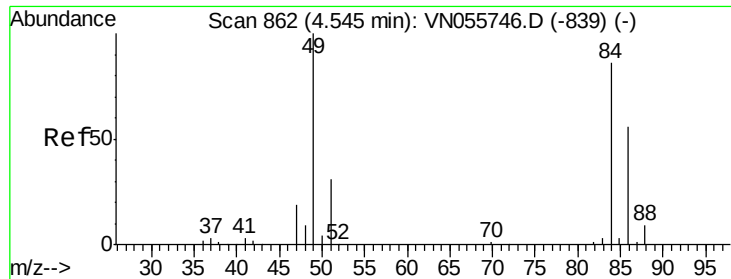
Tgt Ion: 76 Resp: 2285

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.2#

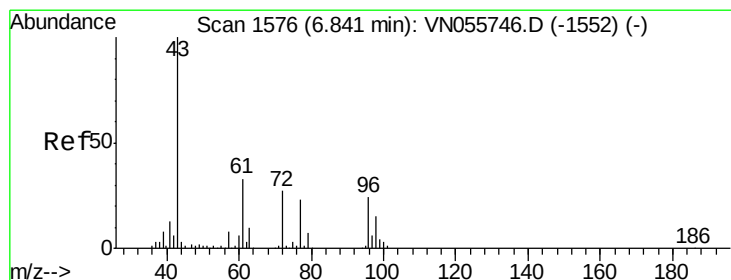
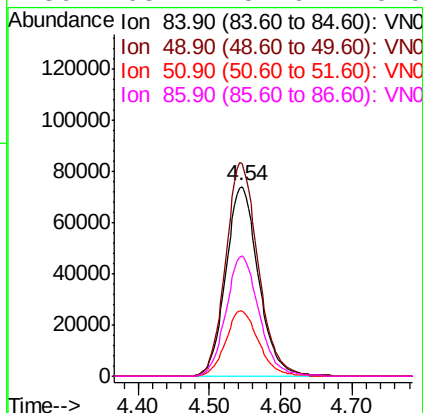
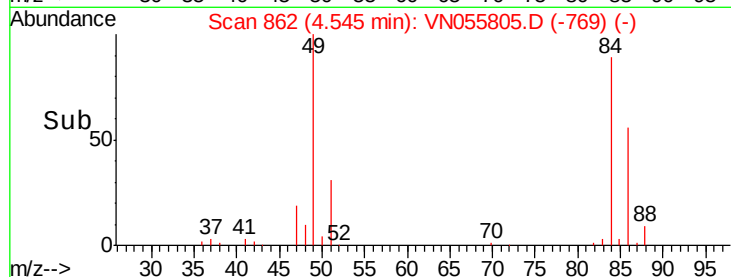
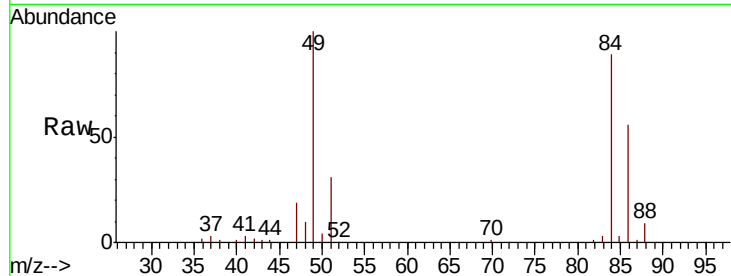




#20
Methvlene Chloride
Concen: 56.706 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN055805.D
Acq: 24 May 2019 19:03

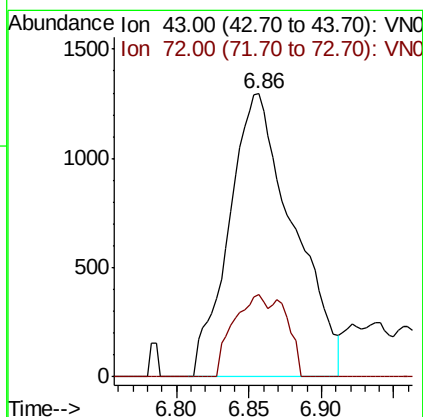
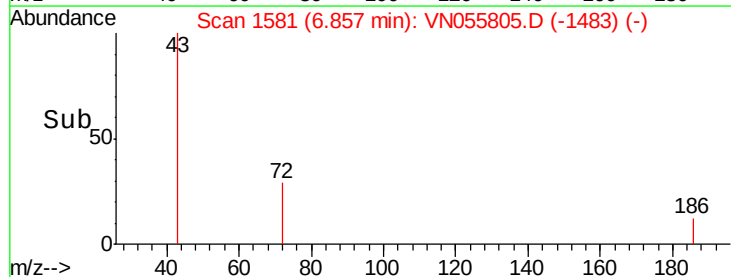
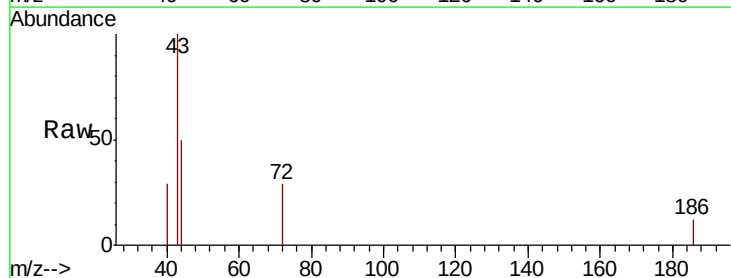
Instrument :
MSVOA_N
ClientSampleId :
OR-03-052319-B

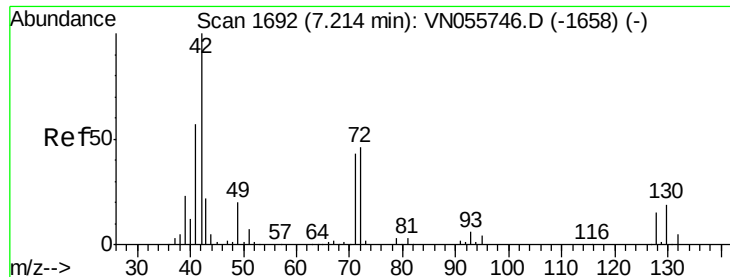
Tot Ion: 84 Resp: 237073
Ion Ratio Lower Upper
84 100
49 112.1 93.5 140.3
51 34.4 28.6 43.0
86 63.2 52.6 79.0



#25
2-Butanone
Concen: 1.486 ug/l
RT: 6.86 min Scan# 1581
Delta R.T. 0.02 min
Lab File: VN055805.D
Acq: 24 May 2019 19:03

Tgt Ion: 43 Resp: 4005
Ion Ratio Lower Upper
43 100
72 29.2 21.9 32.9





#29

Tetrahydrofuran

Concen: 1.006 ug/l

RT: 7.22 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VN055805.D

Acq: 24 May 2019 19:03

Instrument :

MSVOA_N

ClientSampleId :

OR-03-052319-B

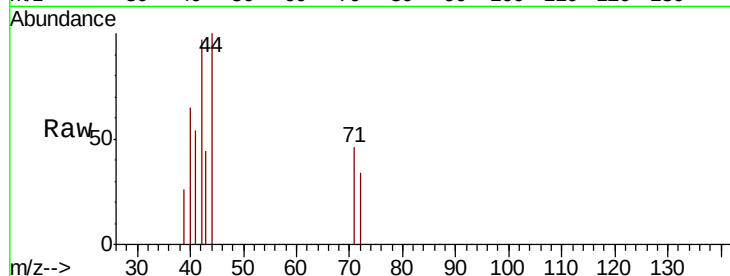
Tot Ion: 42 Resp: 1717

Ion Ratio Lower Upper

42 100

72 32.9 35.9 53.9#

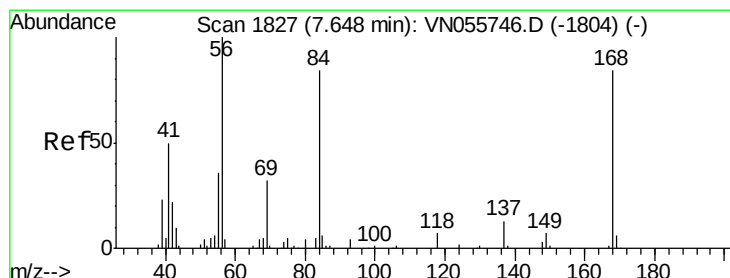
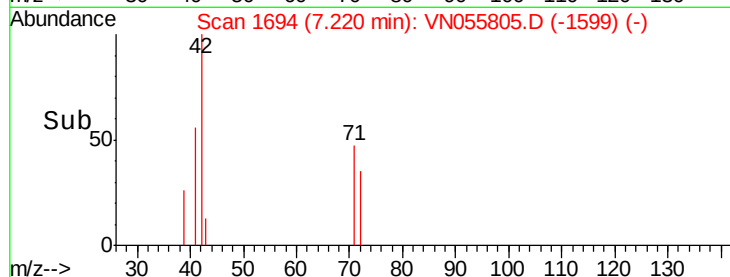
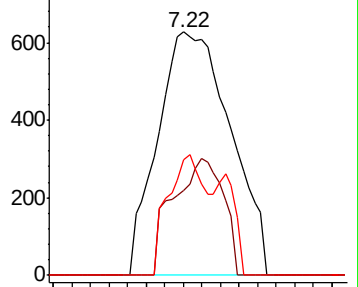
71 24.2 34.0 51.0#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 0.977 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.02 min

Lab File: VN055805.D

Acq: 24 May 2019 19:03

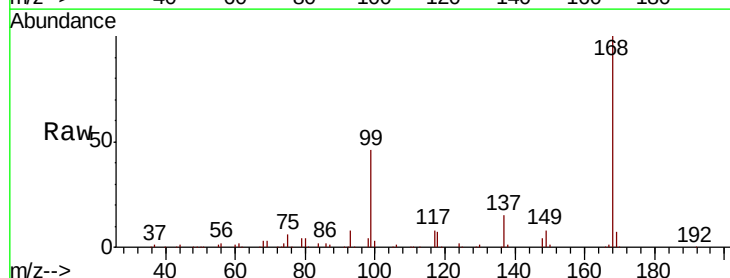
Tgt Ion: 56 Resp: 6441

Ion Ratio Lower Upper

56 100

69 175.0 25.6 38.4#

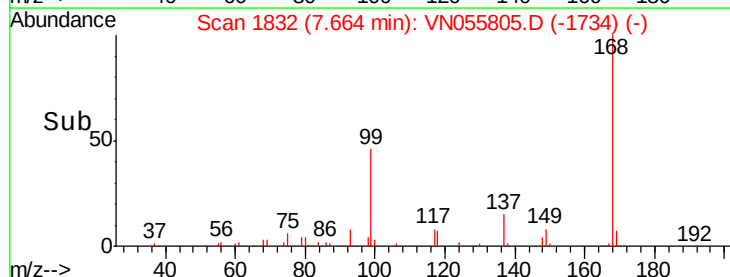
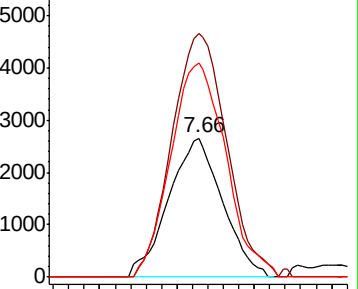
84 153.8 67.4 101.0#

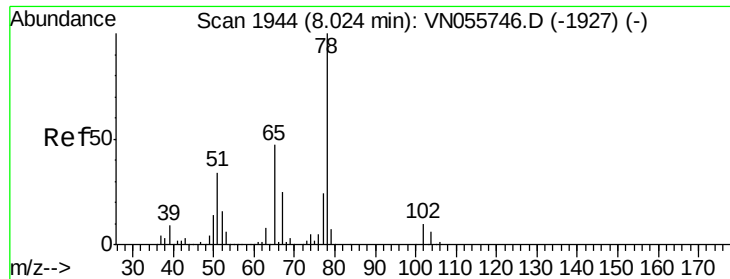


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

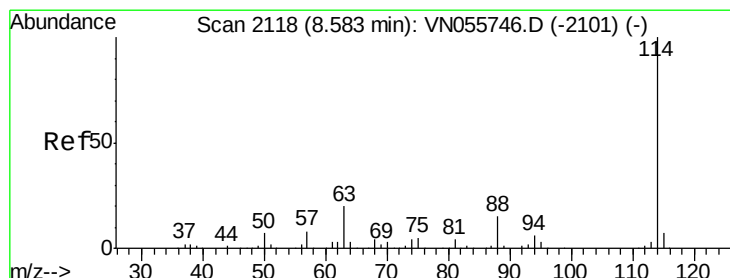
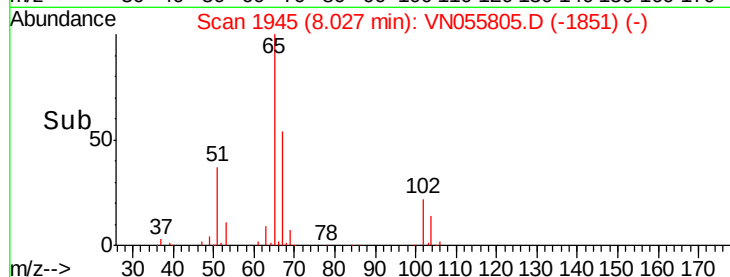
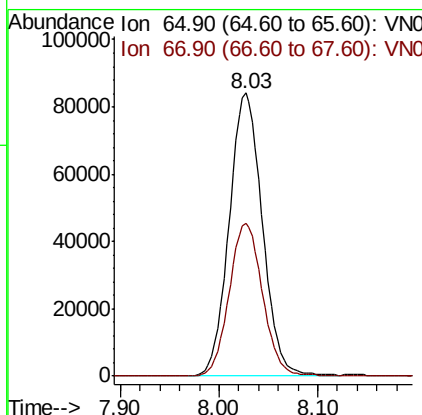
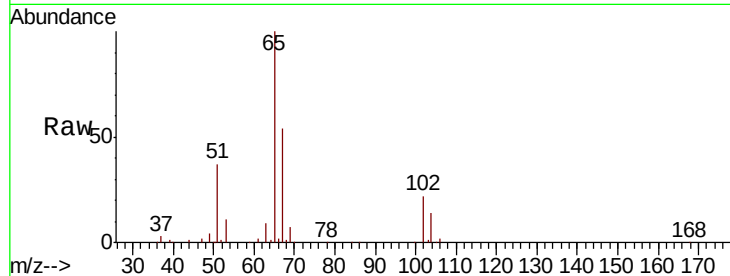




#33
 1,2-Dichloroethane-d4
 Concen: 44.978 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055805.D
 Acq: 24 May 2019 19:03

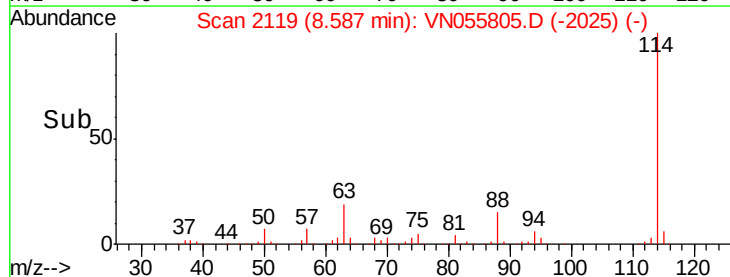
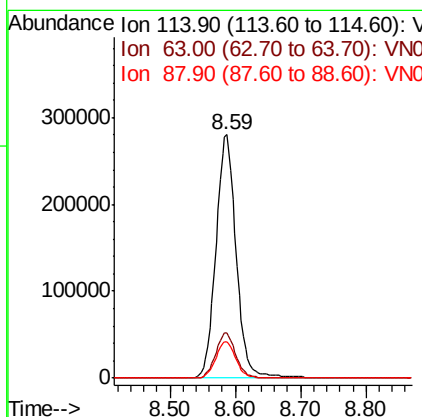
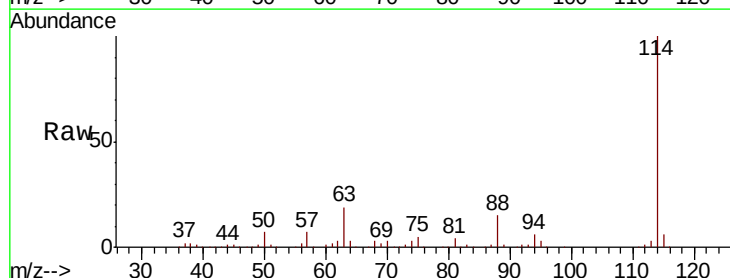
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 OR-03-052319-B

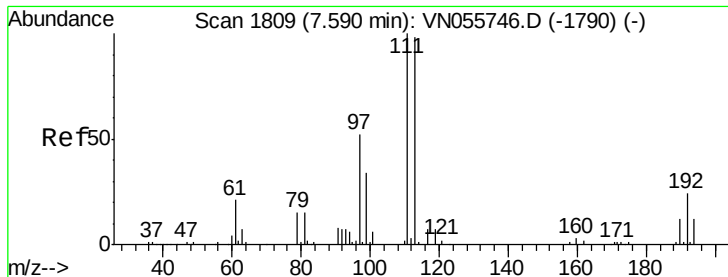
Tot Ion: 65 Resp: 197527
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055805.D
 Acq: 24 May 2019 19:03

Tgt Ion: 114 Resp: 605121
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.2
 88 15.0 0.0 31.0

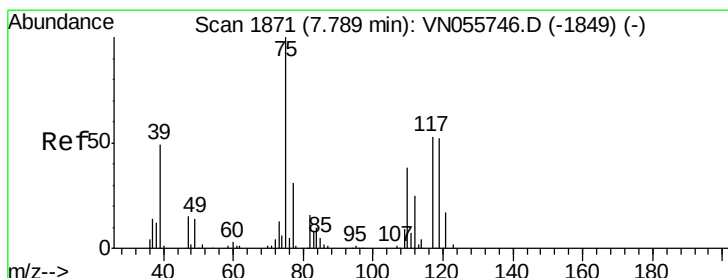
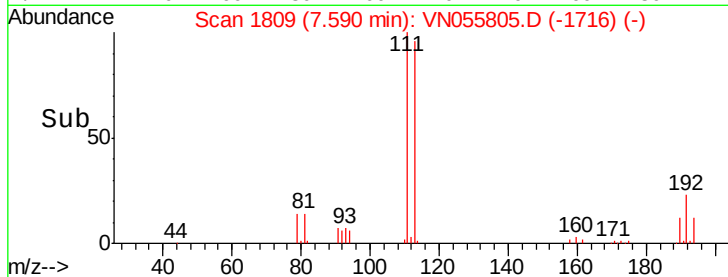
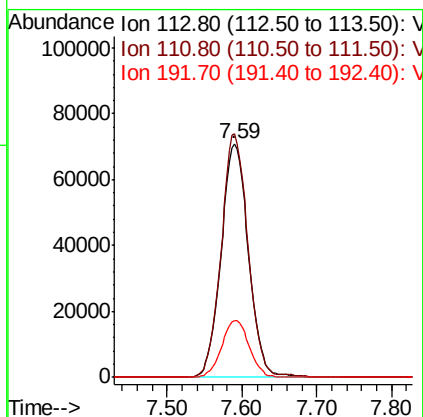
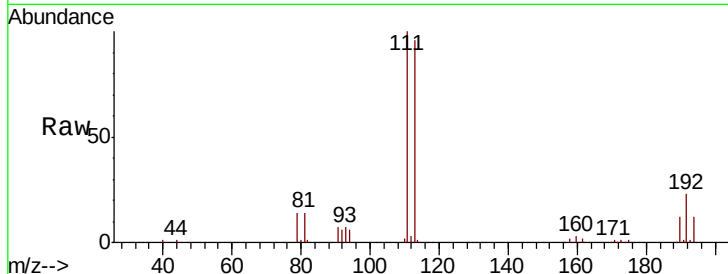




#35
 Dibromofluoromethane
 Concen: 46.886 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055805.D
 Acq: 24 May 2019 19:03

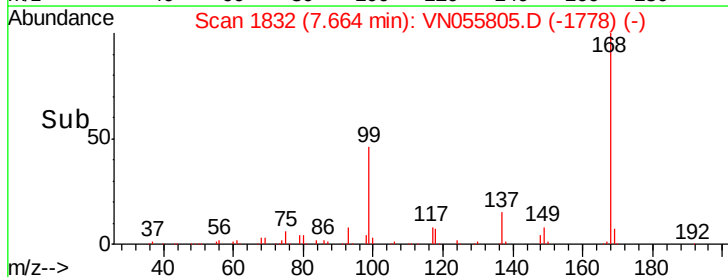
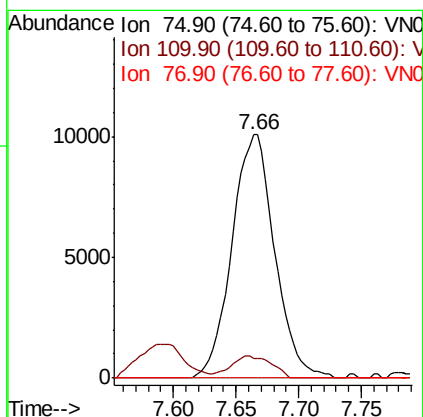
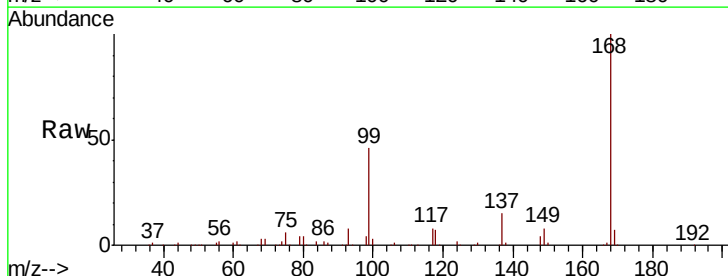
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-052319-B

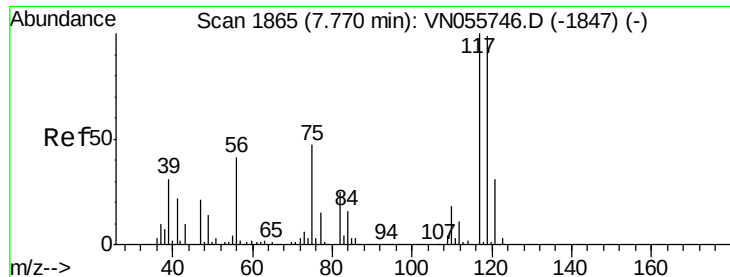
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.9	122.9
192	24.5	19.5	29.3



#36
 1,1-Dichloropropene
 Concen: 4.537 ug/l
 RT: 7.66 min Scan# 1832
 Delta R.T. -0.13 min
 Lab File: VN055805.D
 Acq: 24 May 2019 19:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	19.0	57.0#
77	0.0	25.1	37.7#





#38

Carbon Tetrachloride

Concen: 6.283 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.10 min

Lab File: VN055805.D

Acq: 24 May 2019 19:03

Instrument :

MSVOA_N

ClientSampleId :

OR-03-052319-B

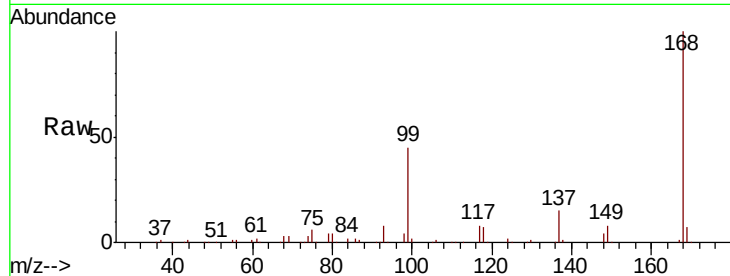
Tot Ion:117 Resp: 34511

Ion Ratio Lower Upper

117 100

119 4.3 79.0 118.6#

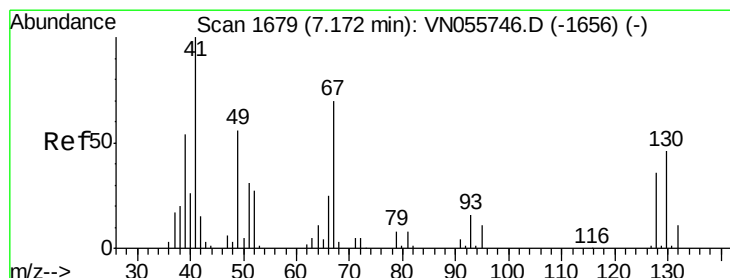
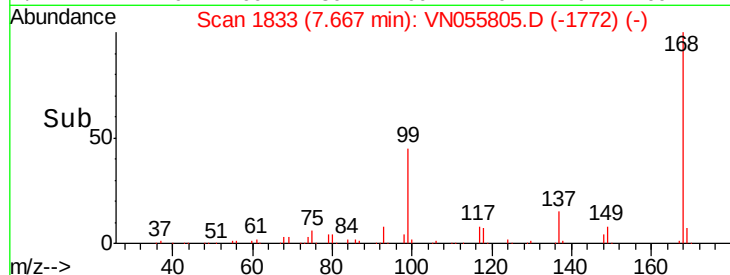
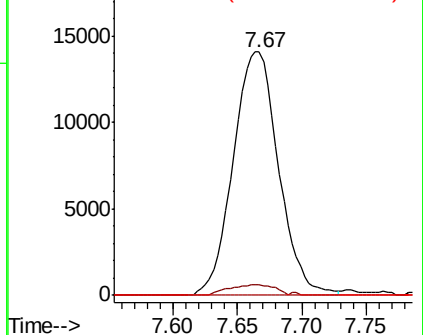
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 0.438 ug/l

RT: 7.22 min Scan# 1695

Delta R.T. 0.05 min

Lab File: VN055805.D

Acq: 24 May 2019 19:03

Tgt Ion: 41 Resp: 1128

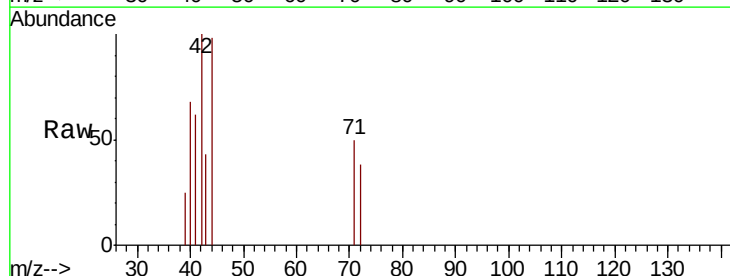
Ion Ratio Lower Upper

41 100

39 10.7 45.6 68.4#

67 0.0 67.7 101.5#

52 0.0 26.6 40.0#

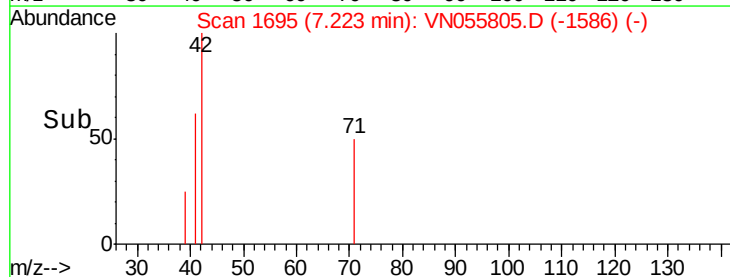
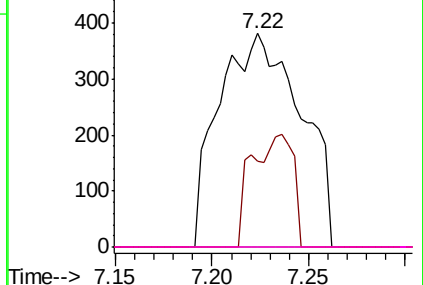


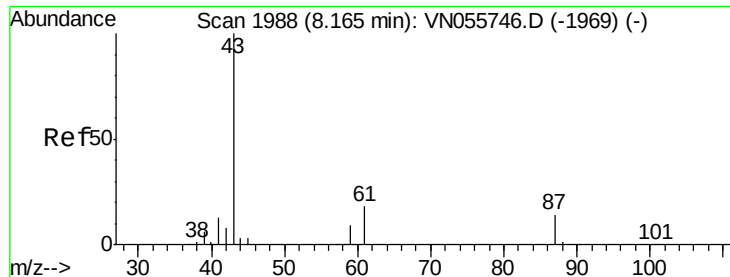
Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC





#43

Isopropyl Acetate

Concen: 1.689 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN055805.D

Acq: 24 May 2019 19:03

Instrument :

MSVOA_N

ClientSampleId :

OR-03-052319-B

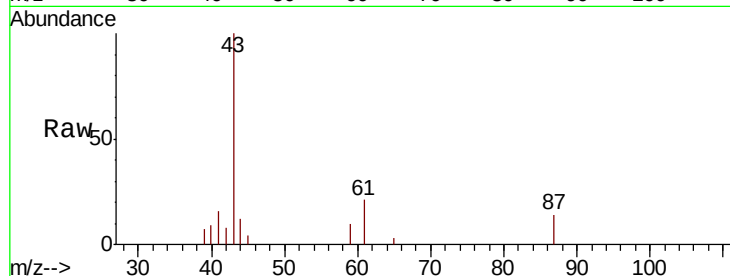
Tot Ion: 43 Resp: 14466

Ion Ratio Lower Upper

43 100

61 20.6 22.2 33.4#

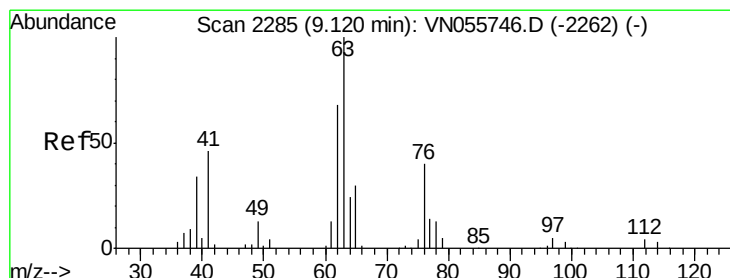
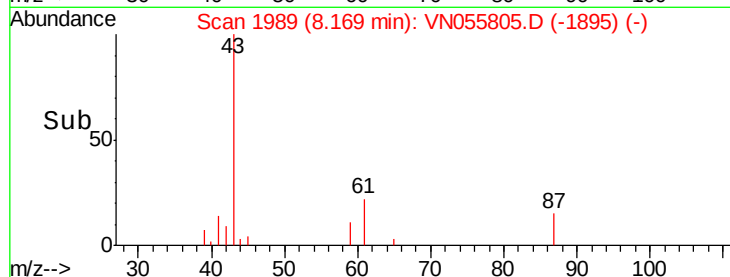
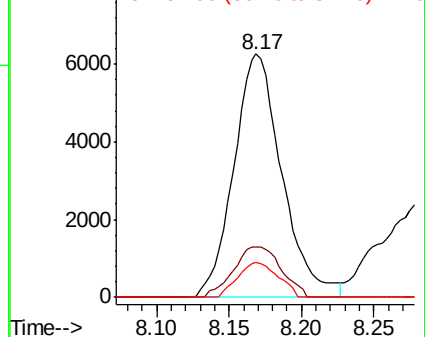
87 12.0 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055746.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN055746.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN055746.D (-1969) (-)



#45

1,2-Dichloropropane

Concen: 0.351 ug/l

RT: 9.27 min Scan# 2332

Delta R.T. 0.15 min

Lab File: VN055805.D

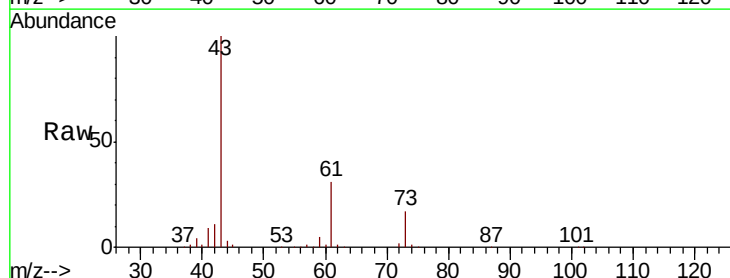
Acq: 24 May 2019 19:03

Tgt Ion: 63 Resp: 1455

Ion Ratio Lower Upper

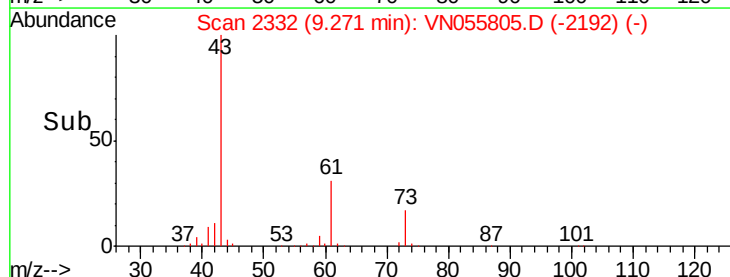
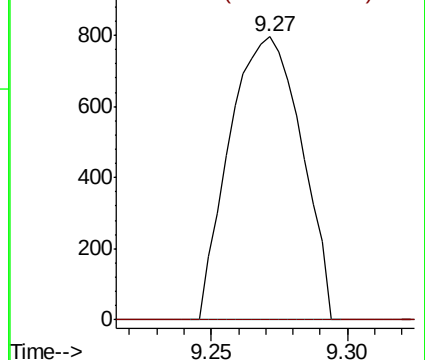
63 100

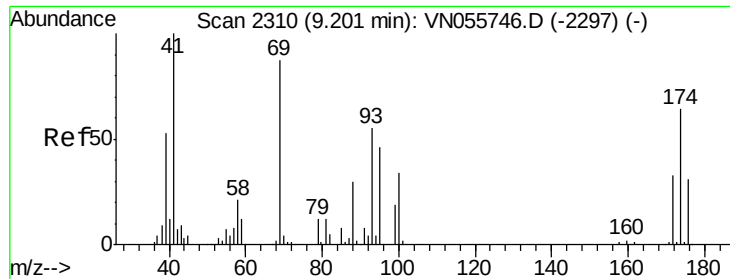
65 0.0 24.6 36.8#



Abundance Ion 62.90 (62.60 to 63.60): VN055746.D (-2262) (-)

Ion 64.90 (64.60 to 65.60): VN055746.D (-2262) (-)

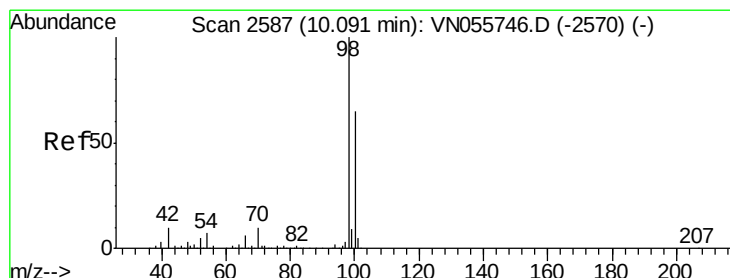
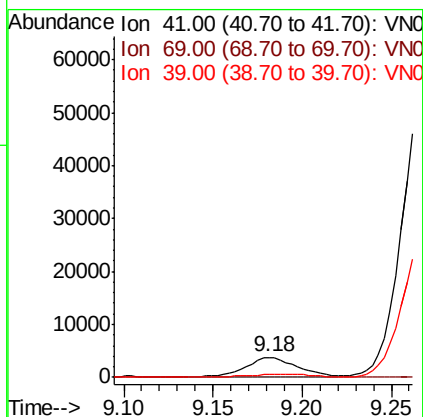
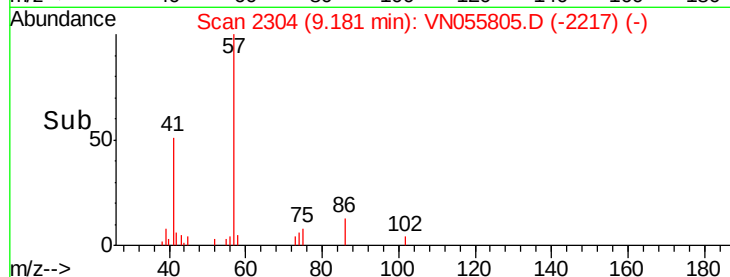
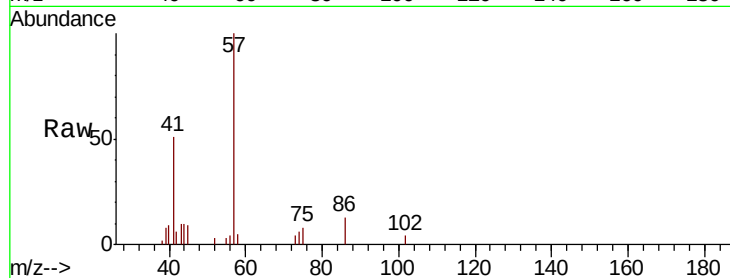




#48
Methvl methacrylate
Concen: 1.948 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.02 min
Lab File: VN055805.D
Acq: 24 May 2019 19:03

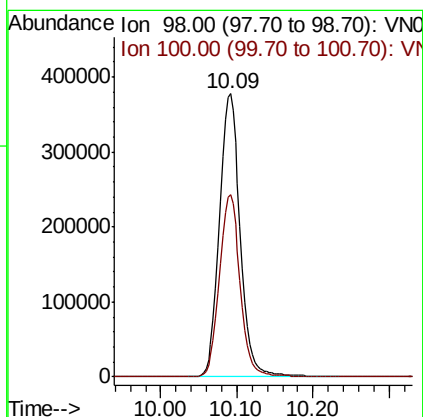
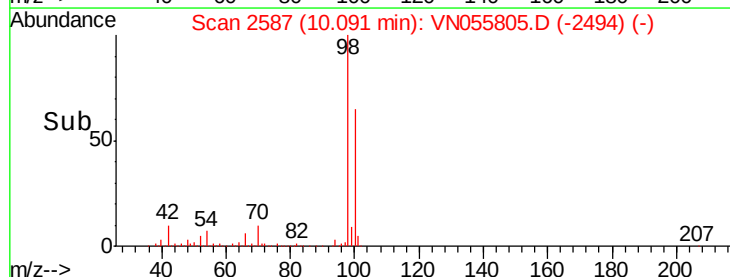
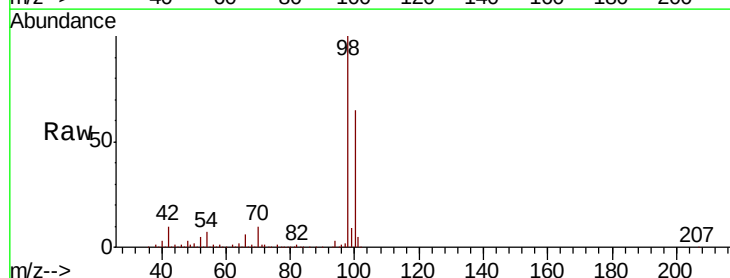
Instrument :
MSVOA_N
ClientSampleId :
OR-03-052319-B

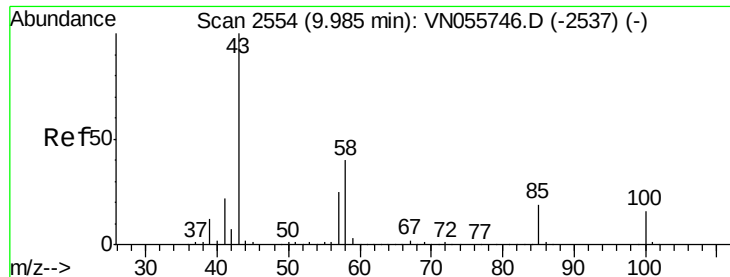
Tot Ion: 41 Resp: 7689
Ion Ratio Lower Upper
41 100
69 0.0 71.0 106.6#
39 0.0 44.2 66.2#



#50
Toluene-d8
Concen: 48.947 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055805.D
Acq: 24 May 2019 19:03

Tgt Ion: 98 Resp: 718313
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 1.030 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN055805.D

Acq: 24 May 2019 19:03

Instrument :

MSVOA_N

ClientSampled :

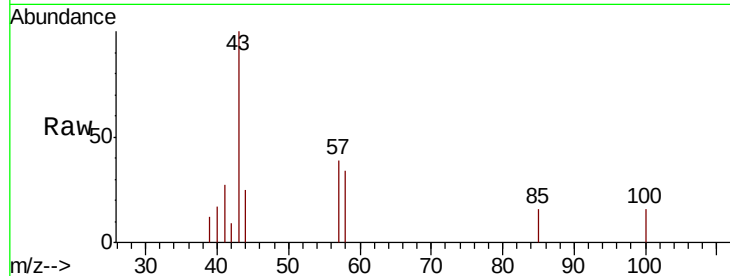
OR-03-052319-B

Tot Ion: 43 Resp: 5211

Ion Ratio Lower Upper

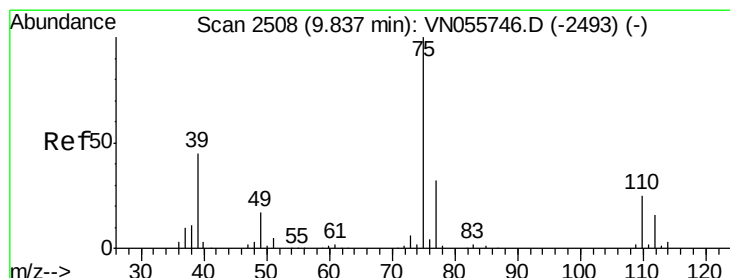
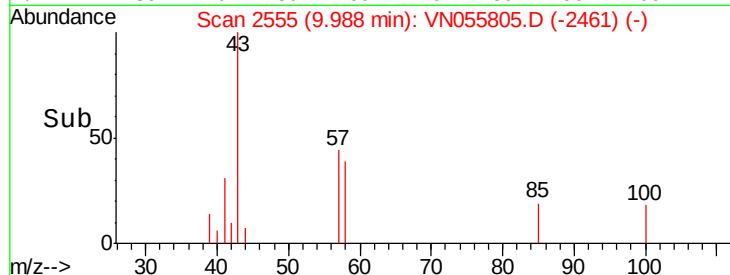
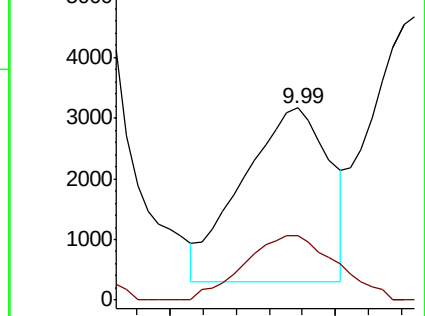
43 100

58 39.4 32.1 48.1



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: 8.544 ug/l

RT: 9.90 min Scan# 2529

Delta R.T. 0.07 min

Lab File: VN055805.D

Acq: 24 May 2019 19:03

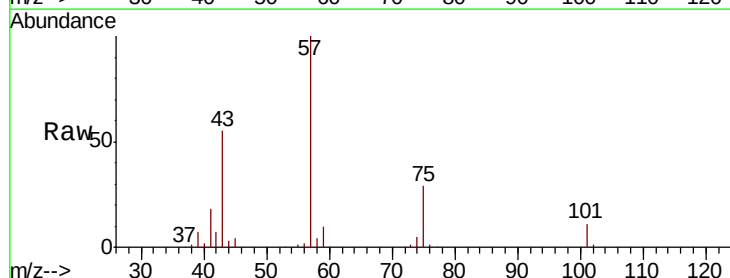
Tgt Ion: 75 Resp: 56257

Ion Ratio Lower Upper

75 100

77 0.5 25.4 38.0#

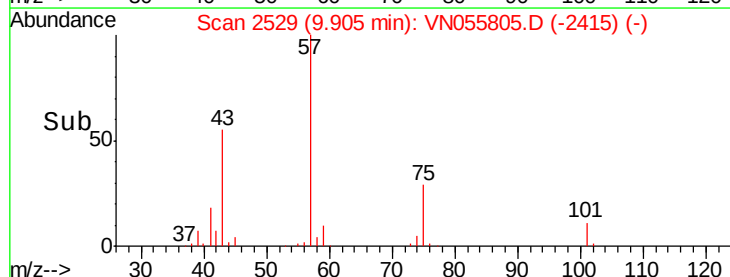
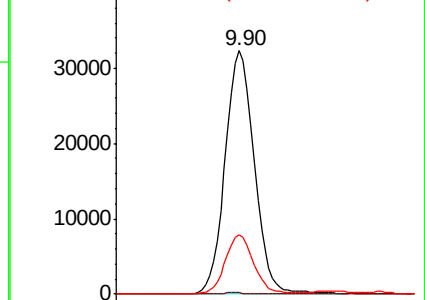
39 24.3 36.3 54.5#

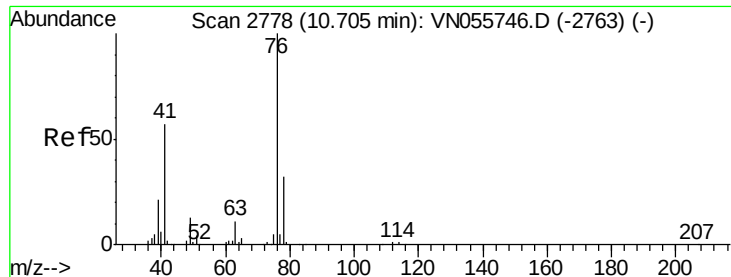


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 1.765 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.06 min

Lab File: VN055805.D

Acq: 24 May 2019 19:03

Instrument :

MSVOA_N

ClientSampleId :

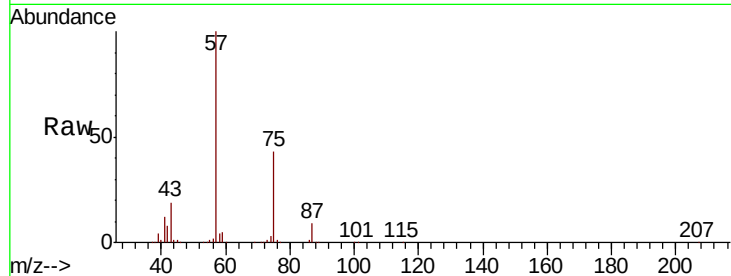
OR-03-052319-B

Tot Ion: 76 Resp: 11488

Ion Ratio Lower Upper

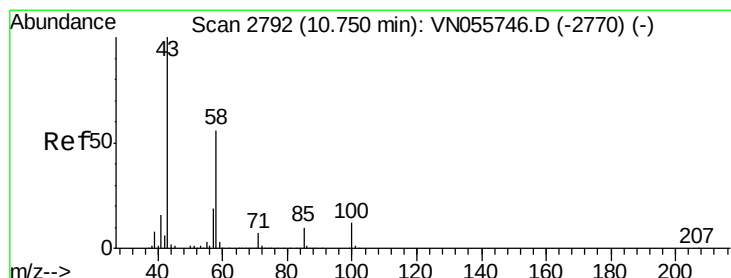
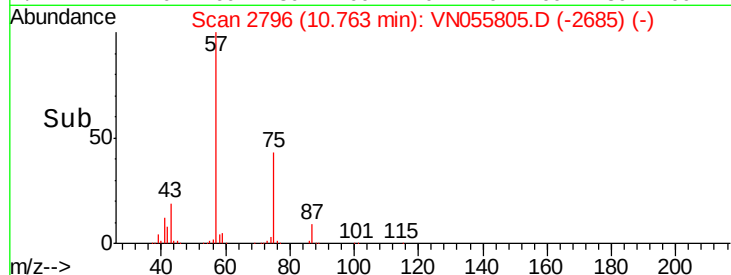
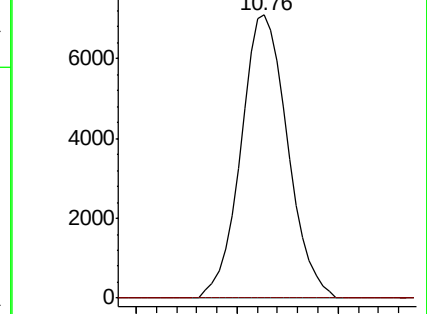
76 100

78 0.0 25.8 38.6#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#59

2-Hexanone

Concen: 41.733 ug/l

RT: 10.76 min Scan# 2796

Delta R.T. 0.01 min

Lab File: VN055805.D

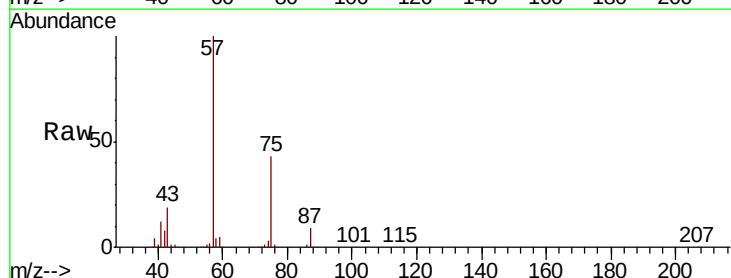
Acq: 24 May 2019 19:03

Tgt Ion: 43 Resp: 149733

Ion Ratio Lower Upper

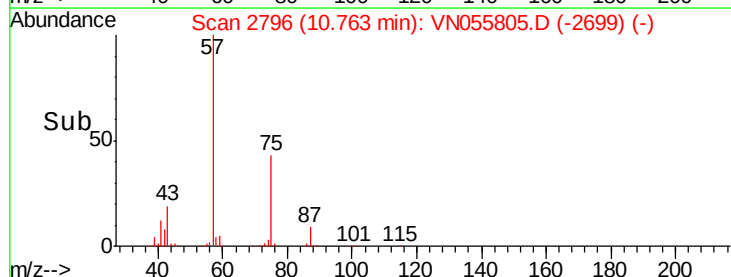
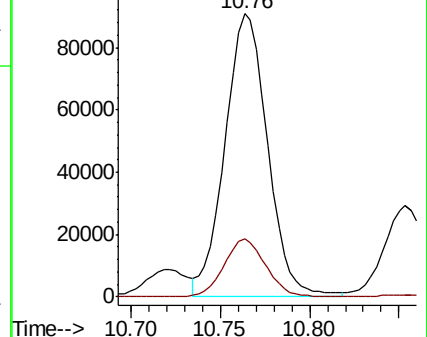
43 100

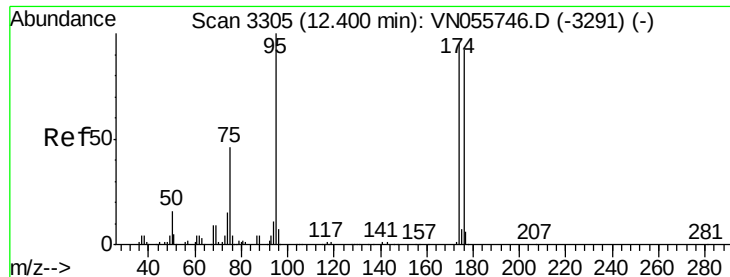
58 20.2 28.2 84.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

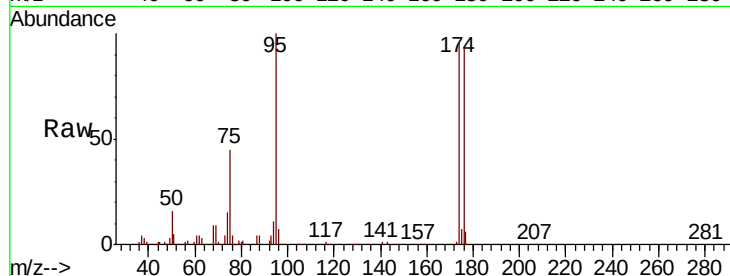




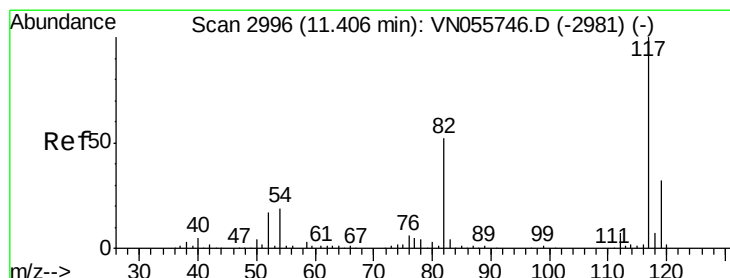
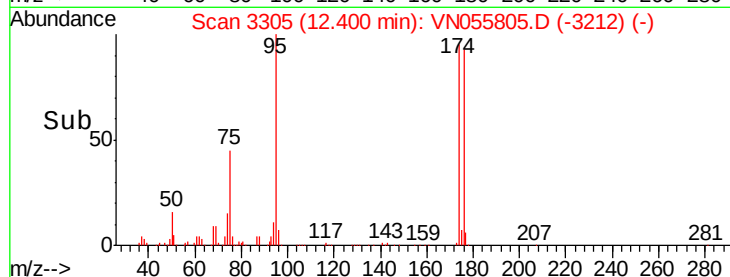
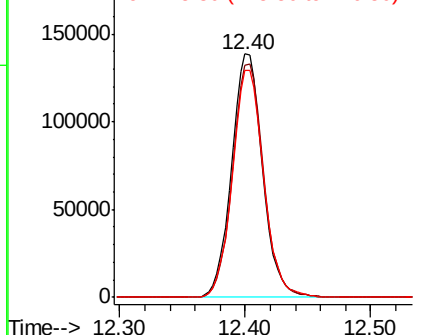
#62
4-Bromofluorobenzene
Concen: 47.106 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055805.D
Acq: 24 May 2019 19:03

Instrument :
MSVOA_N
ClientSampled :
OR-03-052319-B

Tot Ion	95	Resp	237040
Ion Ratio	Lower	Upper	
95	100		
174	96.4	0.0	191.0
176	94.1	0.0	185.2

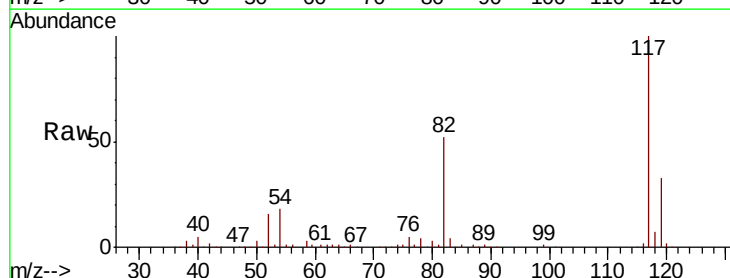


Abundance Ion 94.90 (94.60 to 95.60): VN055746.D (-3291) (-)

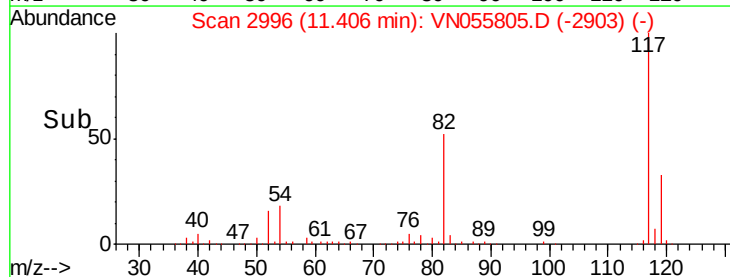
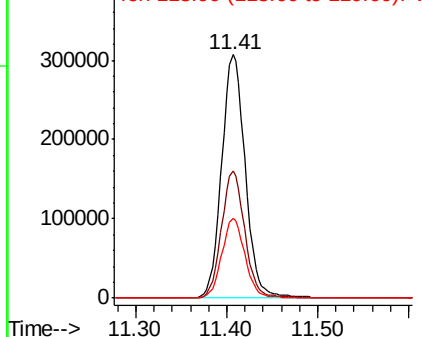


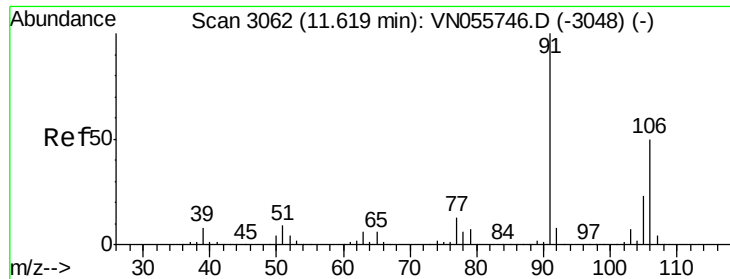
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055805.D
Acq: 24 May 2019 19:03

Tgt Ion	117	Resp	553207
Ion Ratio	Lower	Upper	
117	100		
82	52.1	41.8	62.8
119	32.7	25.4	38.0



Abundance Ion 116.90 (116.60 to 117.60): VN055746.D (-2981) (-)

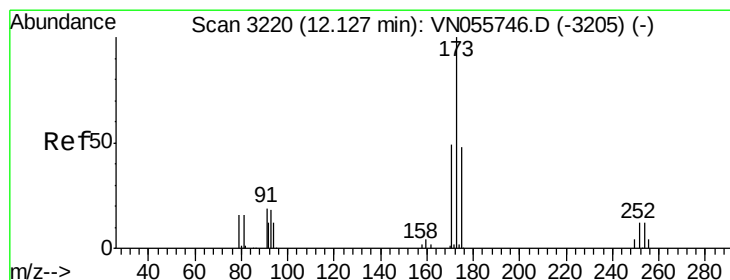
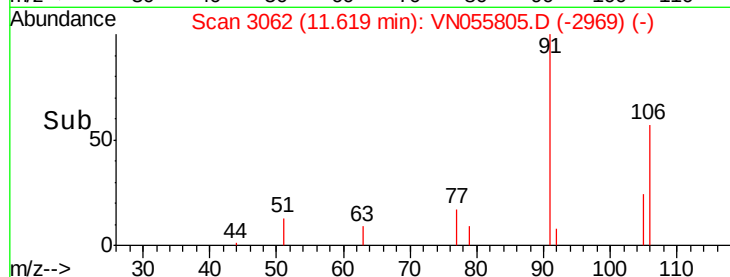
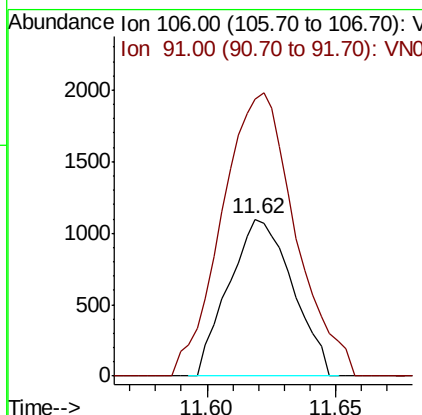
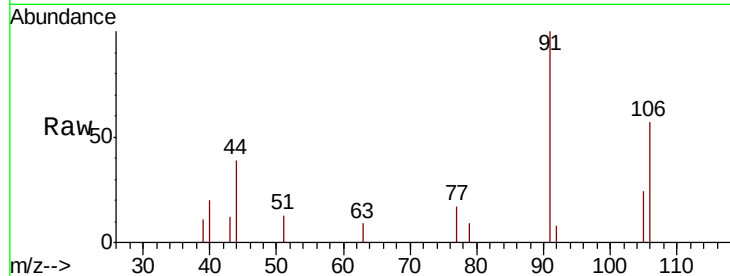




#68
m/p-Xvlenes
Concen: 0.252 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055805.D
Acq: 24 May 2019 19:03

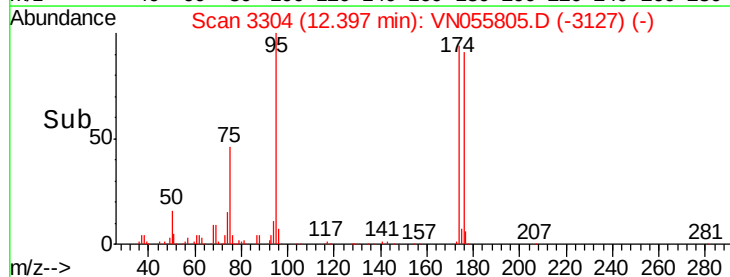
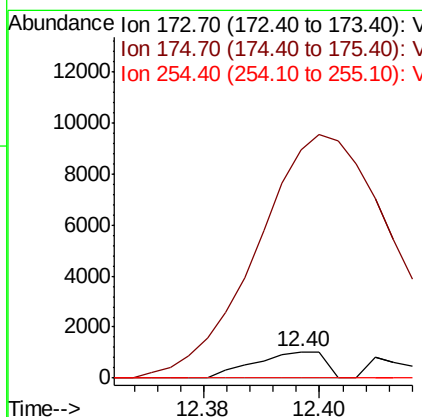
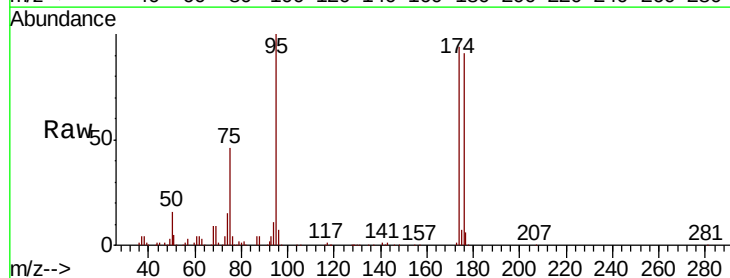
Instrument :
MSVOA_N
ClientSampleId :
OR-03-052319-B

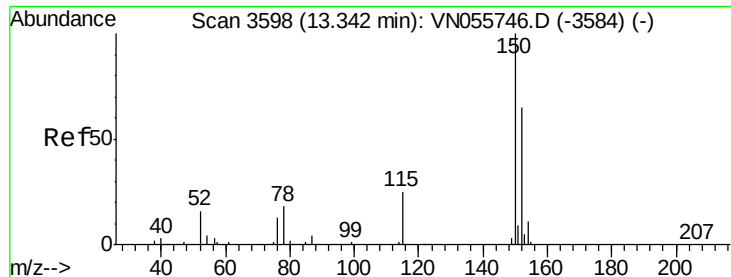
Tot Ion:106 Resp: 1891
Ion Ratio Lower Upper
106 100
91 207.3 159.3 238.9



#71
Bromoform
Concen: 0.230 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN055805.D
Acq: 24 May 2019 19:03

Tgt Ion:173 Resp: 866
Ion Ratio Lower Upper
173 100
175 1596.7 24.3 72.8#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055805.D

Acq: 24 May 2019 19:03

Instrument :

MSVOA_N

ClientSampleId :

OR-03-052319-B

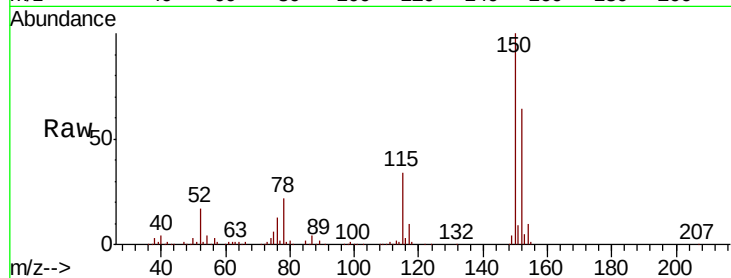
Tot Ion:152 Resp: 199934

Ion Ratio Lower Upper

152 100

115 52.6 27.0 81.0

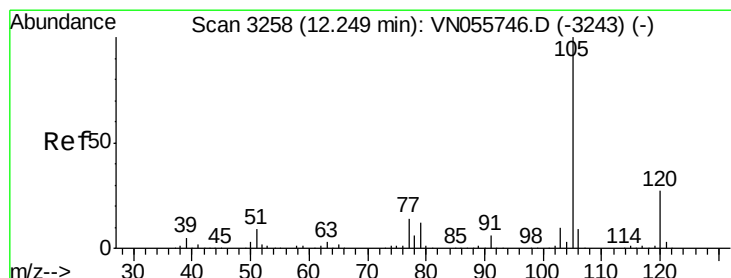
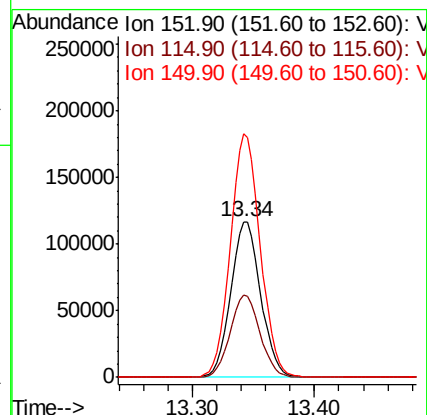
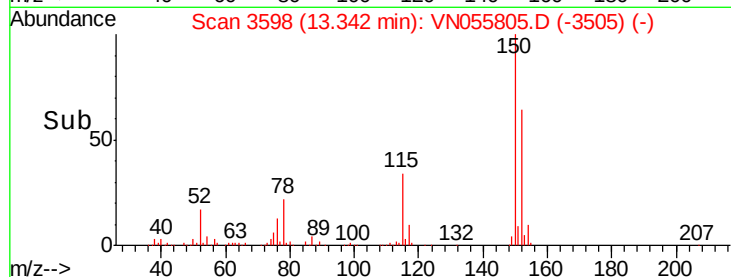
150 156.1 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055805.D

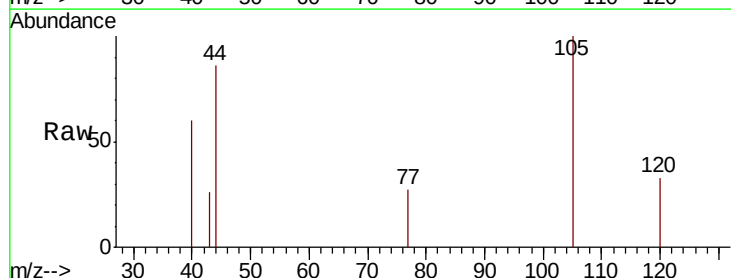
Acq: 24 May 2019 19:03

Tgt Ion:105 Resp: 1130

Ion Ratio Lower Upper

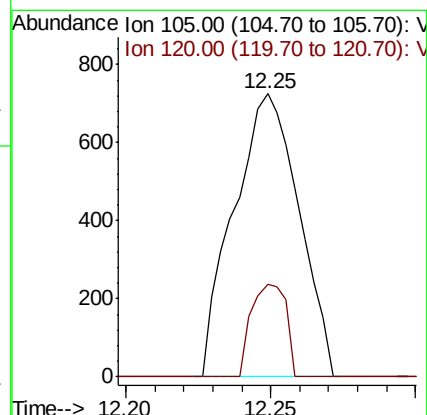
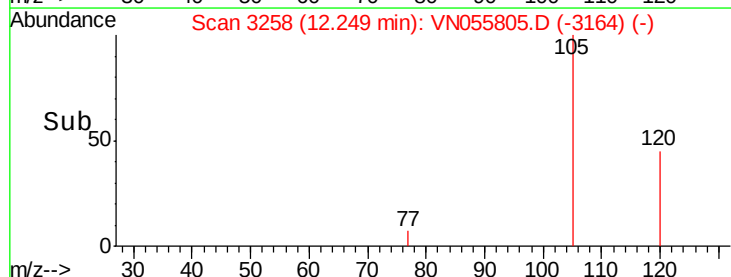
105 100

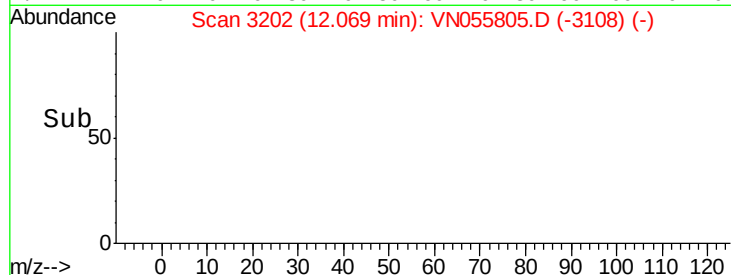
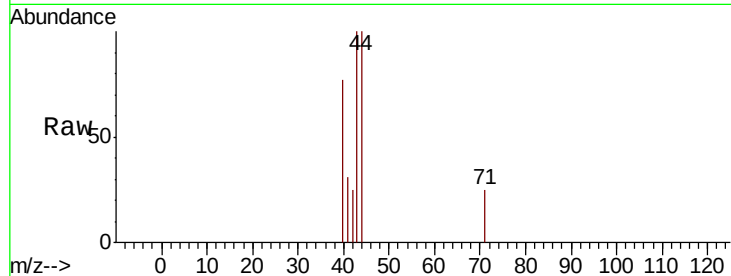
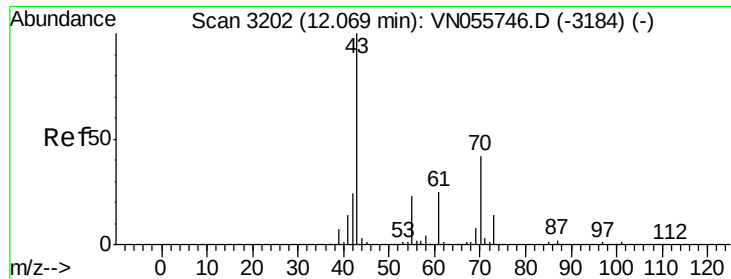
120 17.5 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: Below Cal

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055805.D

Acq: 24 May 2019 19:03

Instrument :

MSVOA_N

ClientSampleId :

OR-03-052319-B

Tot Ion: 43 Resp: 874

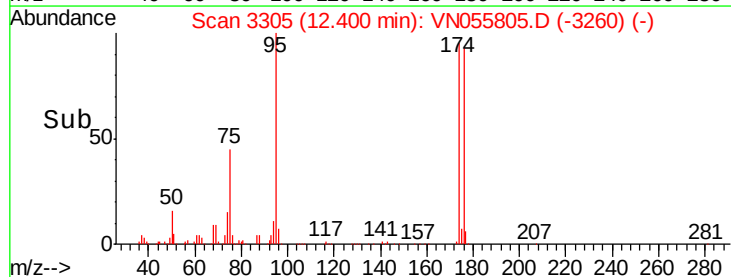
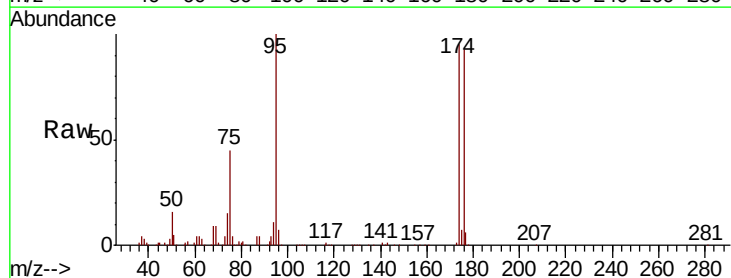
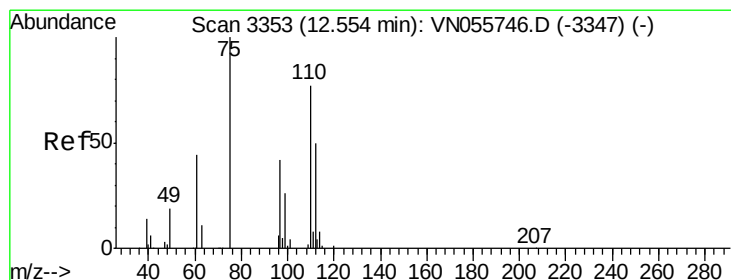
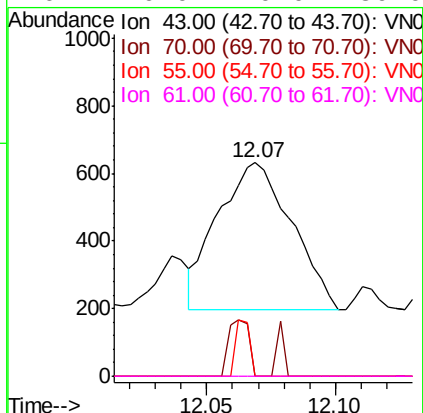
Ion Ratio Lower Upper

43 100

70 10.4 34.0 51.0#

55 7.1 18.6 28.0#

61 0.0 20.0 30.0#



#76

1,2,3-Trichloropropane

Concen: 30.104 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055805.D

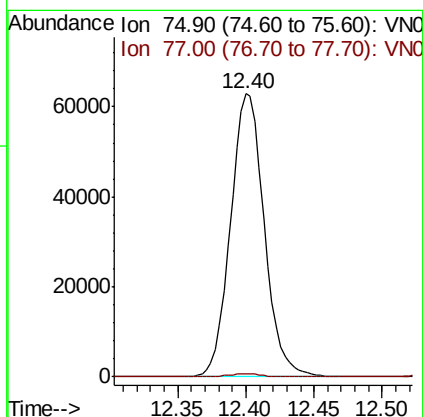
Acq: 24 May 2019 19:03

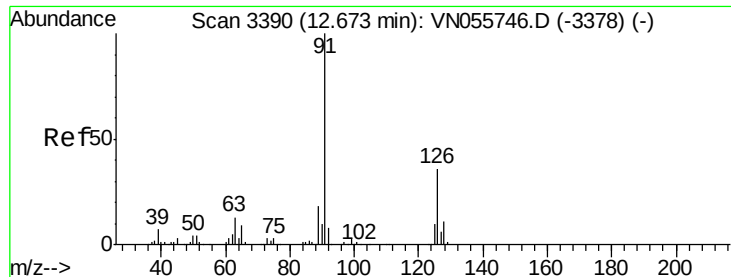
Tgt Ion: 75 Resp: 107951

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN055805.D

Acq: 24 May 2019 19:03

Instrument :

MSVOA_N

ClientSampleId :

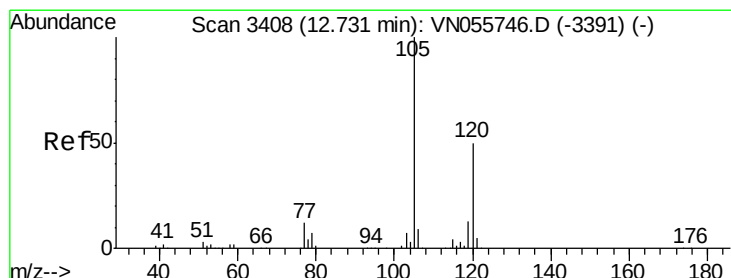
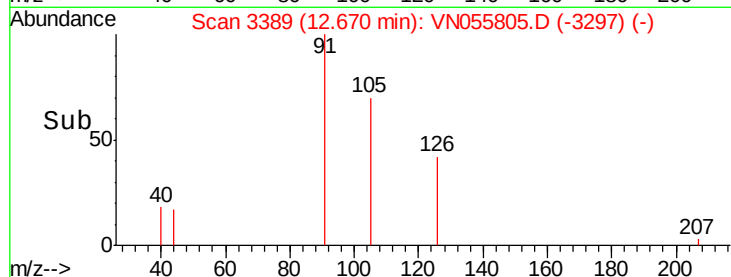
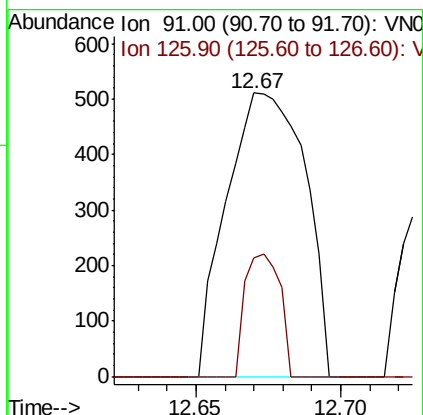
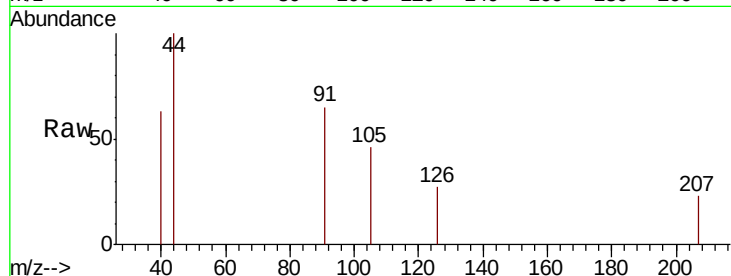
OR-03-052319-B

Tot Ion: 91 Resp: 961

Ion Ratio Lower Upper

91 100

126 19.5 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055805.D

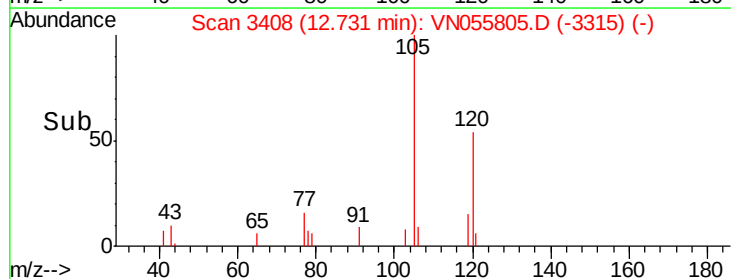
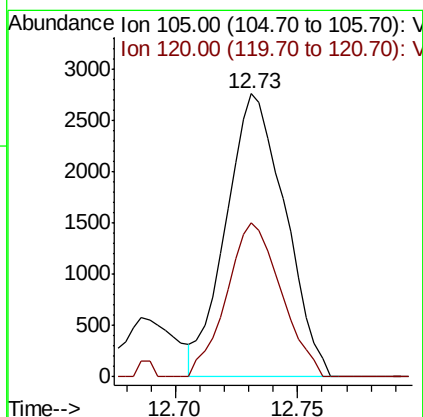
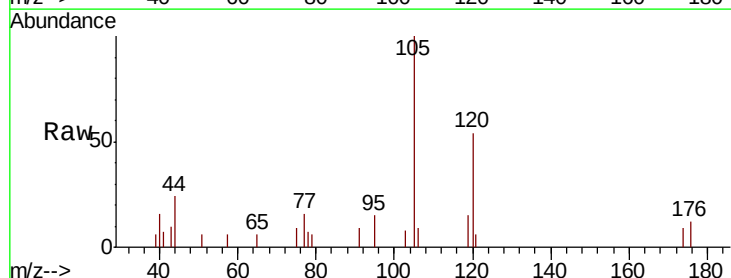
Acq: 24 May 2019 19:03

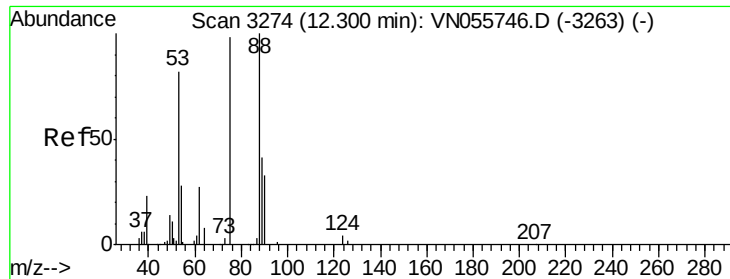
Tgt Ion: 105 Resp: 4646

Ion Ratio Lower Upper

105 100

120 50.3 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 72.647 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055805.D

Acq: 24 May 2019 19:03

Instrument :

MSVOA_N

ClientSampleId :

OR-03-052319-B

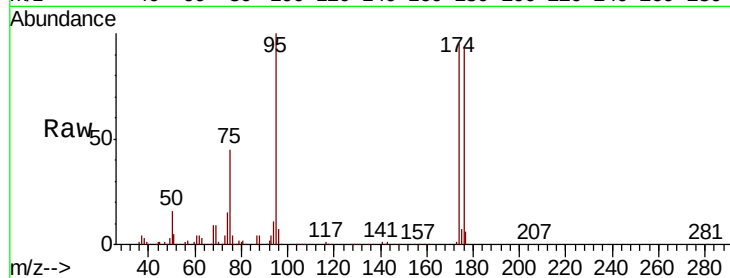
Tot Ion: 75 Resp: 107951

Ion Ratio Lower Upper

75 100

53 0.0 68.1 102.1#

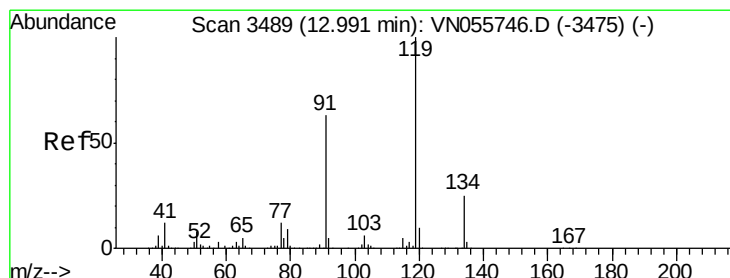
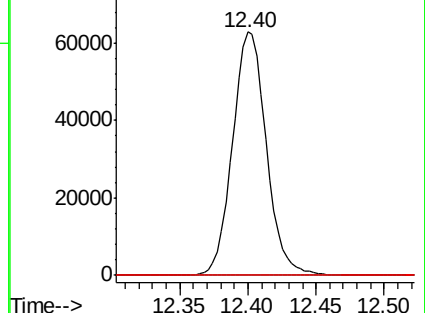
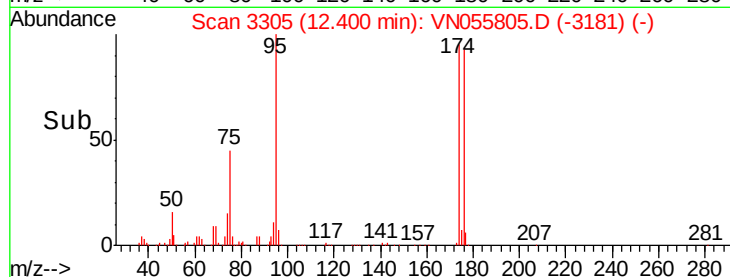
89 0.0 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN055805.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN055805.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN055805.D (-3181) (-)



#83

tert-Butylbenzene

Concen: Below Cal

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN055805.D

Acq: 24 May 2019 19:03

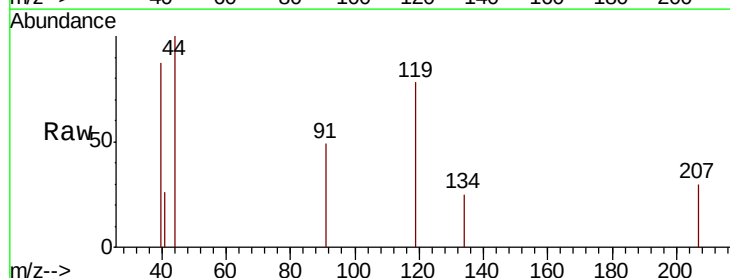
Tgt Ion: 119 Resp: 786

Ion Ratio Lower Upper

119 100

91 57.3 30.9 92.8

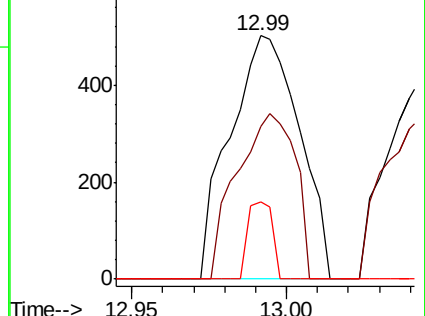
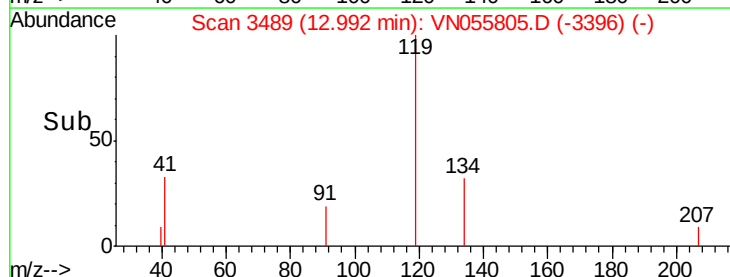
134 11.3 13.3 39.8#

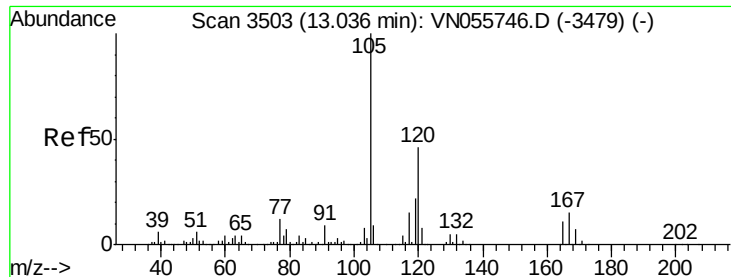


Abundance Ion 119.00 (118.70 to 119.70): VN055805.D (-3396) (-)

Ion 91.00 (90.70 to 91.70): VN055805.D (-3396) (-)

Ion 134.00 (133.70 to 134.70): VN055805.D (-3396) (-)

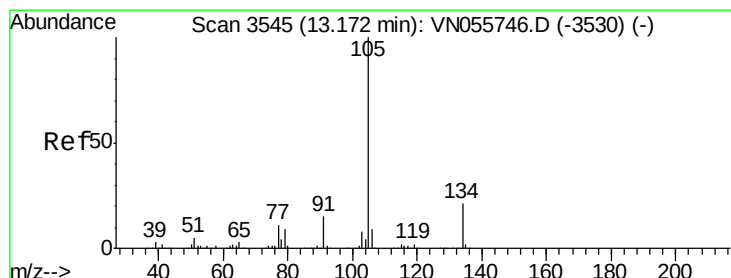
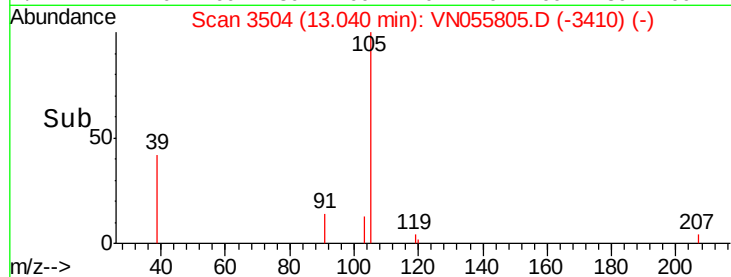
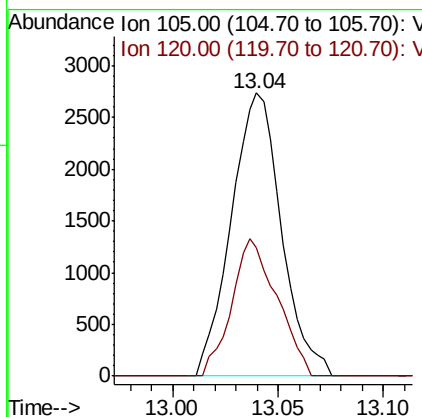
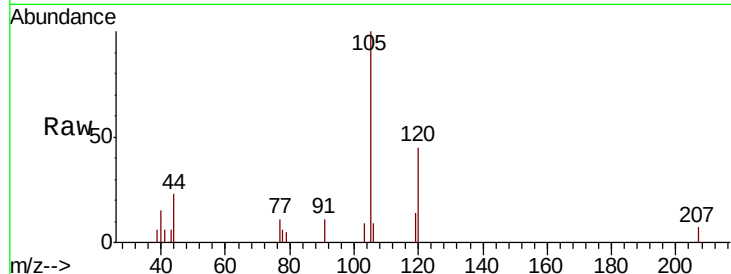




#84
 1,2,4-Trimethylbenzene
 Concen: Below Cal
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055805.D
 Acq: 24 May 2019 19:03

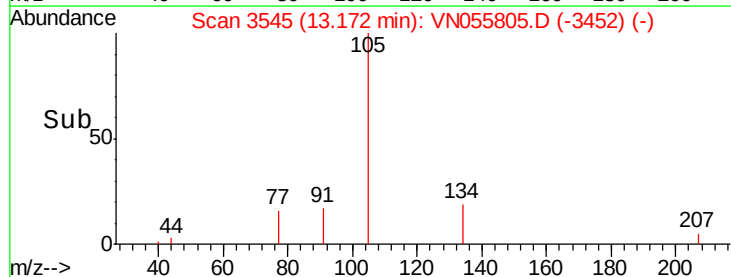
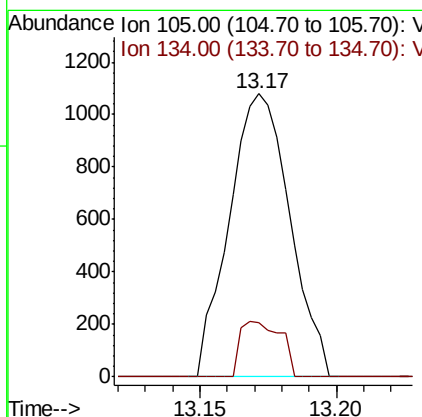
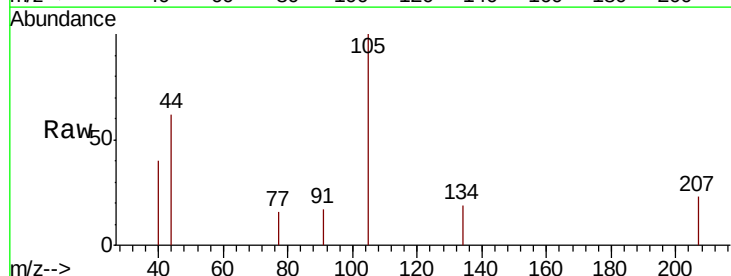
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-052319-B

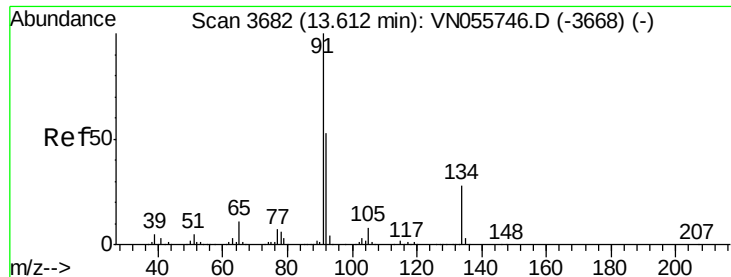
Tot Ion:105 Resp: 4529
 Ion Ratio Lower Upper
 105 100
 120 43.6 23.0 69.0



#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055805.D
 Acq: 24 May 2019 19:03

Tgt Ion:105 Resp: 1664
 Ion Ratio Lower Upper
 105 100
 134 13.0 10.4 31.2

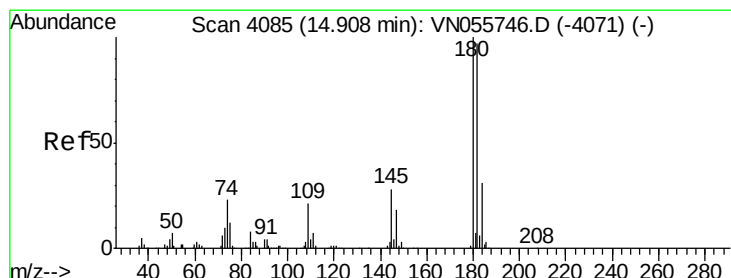
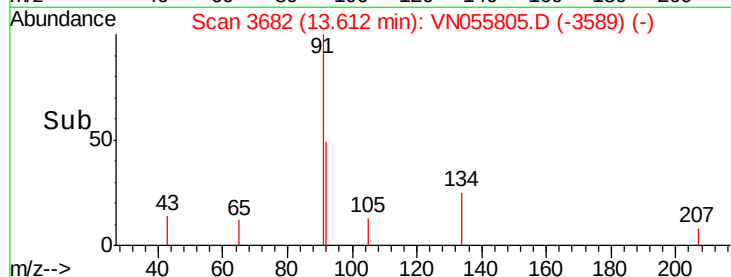
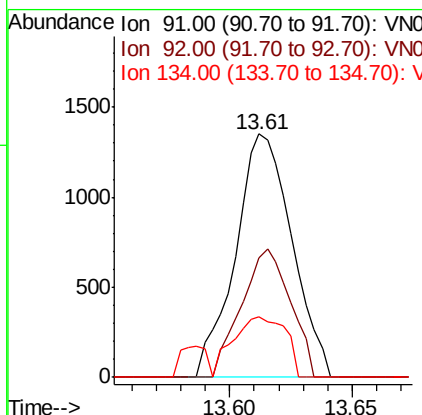
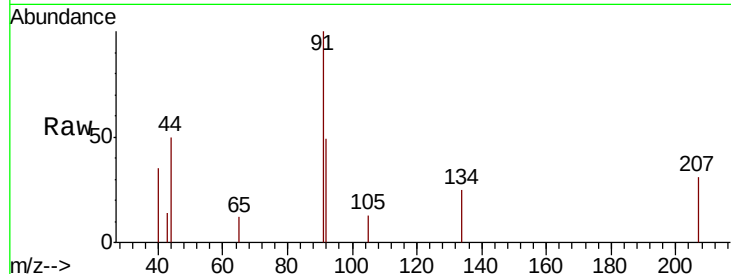




#89
n-Butylbenzene
Concen: 0.204 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055805.D
Acq: 24 May 2019 19:03

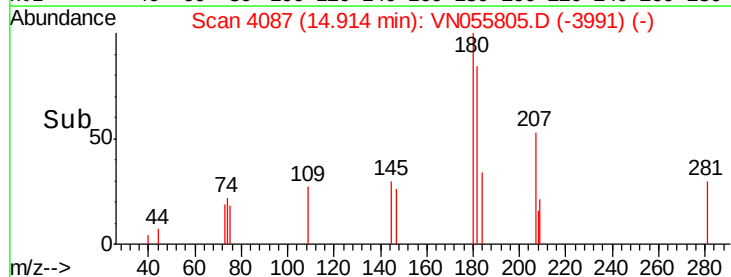
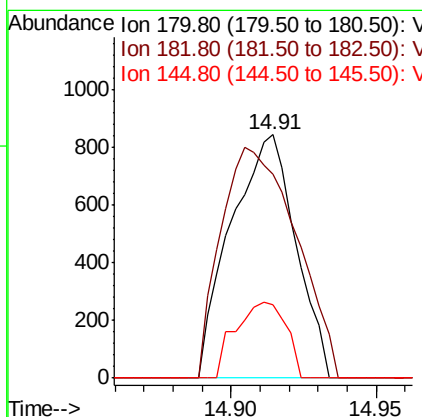
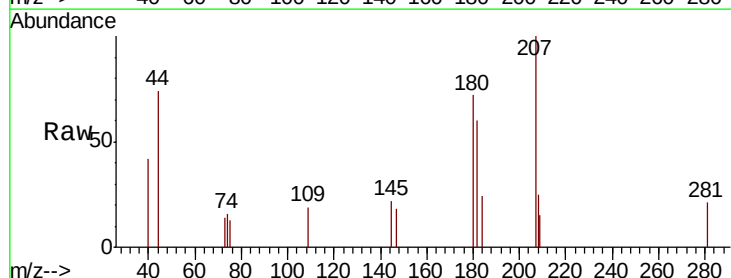
Instrument :
MSVOA_N
ClientSampled :
OR-03-052319-B

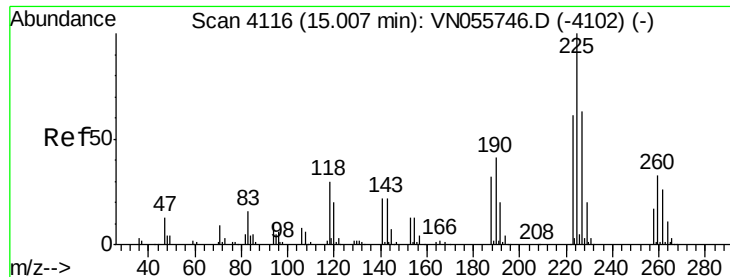
Tot Ion: 91 Resp: 2167
Ion Ratio Lower Upper
91 100
92 46.0 26.4 79.0
134 23.3 13.9 41.7



#93
1,2,4-Trichlorobenzene
Concen: 3.950 ug/l
RT: 14.91 min Scan# 4087
Delta R.T. 0.01 min
Lab File: VN055805.D
Acq: 24 May 2019 19:03

Tgt Ion: 180 Resp: 1308
Ion Ratio Lower Upper
180 100
182 110.3 48.3 144.9
145 24.4 14.0 41.9





#94

Hexachlorobutadiene

Concen: Below Cal

RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN055805.D

Acq: 24 May 2019 19:03

Instrument :

MSVOA_N

ClientSampleId :

OR-03-052319-B

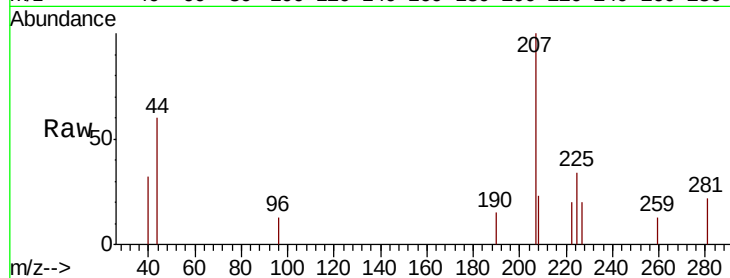
Tot Ion:225 Resp: 592

Ion Ratio Lower Upper

225 100

223 45.9 30.9 92.7

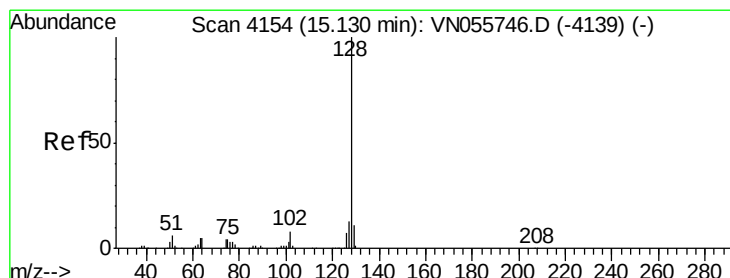
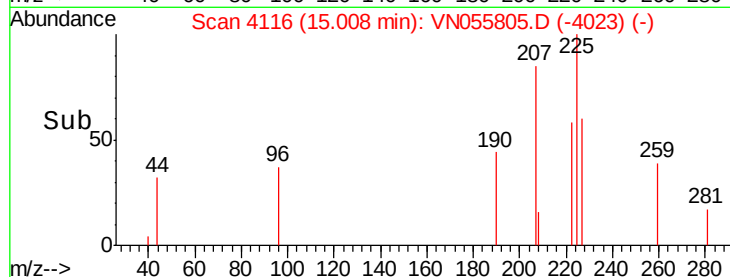
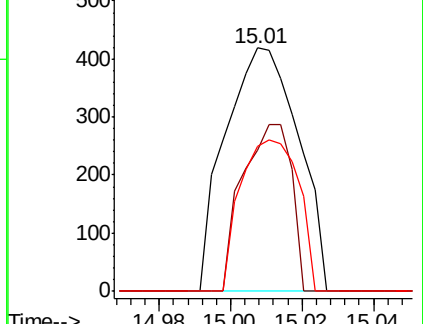
227 49.3 31.6 94.7



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: 0.758 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055805.D

Acq: 24 May 2019 19:03

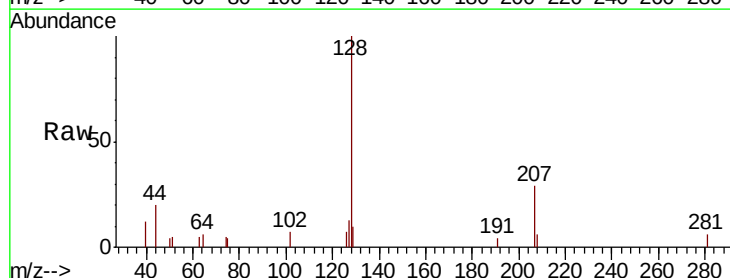
Tgt Ion:128 Resp: 7009

Ion Ratio Lower Upper

128 100

127 10.5 10.3 15.5

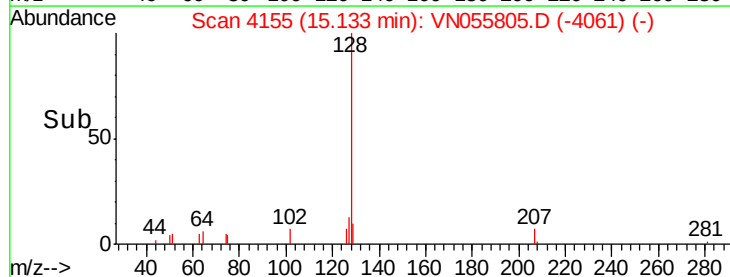
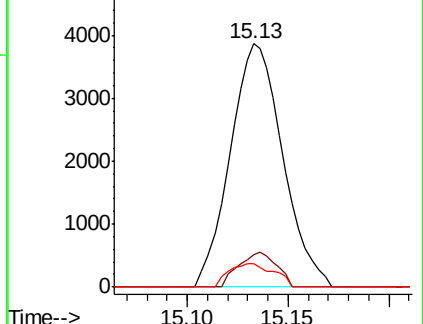
129 8.3 8.7 13.1#

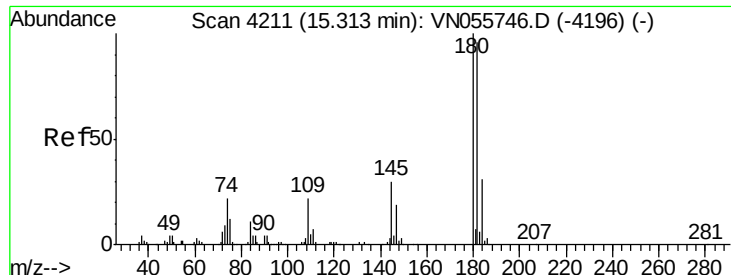


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.540 ug/l
 RT: 15.31 min Scan# 4211
 Delta R.T. 0.00 min
 Lab File: VN055805.D
 Acq: 24 May 2019 19:03

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-052319-B

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.9	143.7
145	28.4	14.9	44.7

