

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082419\
 Data File : VN057484.D
 Acq On : 23 Aug 2019 20:28
 Operator : JC/SP
 Sample : K4472-28
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-S4(2.5)

Quant Time: Aug 26 05:13:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	379354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	656482	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	534197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	134134	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	310850	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	
35) Dibromofluoromethane	7.58	113	208368	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
50) Toluene-d8	10.09	98	816339	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
62) 4-Bromofluorobenzene	12.40	95	225230	39.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.28%	

Target Compounds

					Qvalue	
8) Diethyl Ether	3.43	74	203	Below Cal		52
9) 1,1,2-Trichlorotrifluoroet	3.73	101	293	Below Cal	#	64
13) Acrolein	3.58	56	278	0.381	ug/l #	13
16) Acetone	3.80	43	26119	8.523	ug/l	91
18) Methyl Acetate	4.30	43	8753	0.377	ug/l #	73
20) Methylene Chloride	4.52	84	8481	1.794	ug/l #	90
25) 2-Butanone	6.83	43	1128	0.339	ug/l	98
31) Cyclohexane	7.64	56	12102	1.291	ug/l #	25
36) 1,1-Dichloropropene	7.65	75	37196	5.545	ug/l #	51
38) Carbon Tetrachloride	7.65	117	40871	6.133	ug/l #	16
43) Isopropyl Acetate	8.16	43	65592	5.397	ug/l #	95
48) Methyl methacrylate	9.18	41	3234	0.560	ug/l #	39
49) 1,4-Dioxane	9.06	88	29	0.388	ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	6971	1.029	ug/l #	88
52) Toluene	10.15	92	2940	0.253	ug/l	93
54) cis-1,3-Dichloropropene	9.90	75	32349	3.708	ug/l #	63
57) 1,3-Dichloropropane	10.76	76	2791	0.342	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.66	63	111	17.115	ug/l #	52
59) 2-Hexanone	10.76	43	46076	9.918	ug/l #	57
73) Isopropylbenzene	12.41	105	422	Below Cal	#	50
74) N-amyl acetate	12.07	43	768	Below Cal	#	61
75) 1,1,2,2-Tetrachloroethane	12.41	83	395	Below Cal	#	26
76) 1,2,3-Trichloropropane	12.40	75	133177	44.441	ug/l #	100
78) n-propylbenzene	12.59	91	423	Below Cal		88
79) 2-Chlorotoluene	12.69	91	167	Below Cal	#	44
80) 1,3,5-Trimethylbenzene	12.73	105	1025	Below Cal		76
81) trans-1,4-Dichloro-2-buten	12.40	75	133177	113.998	ug/l #	9
82) 4-Chlorotoluene	12.78	91	168	Below Cal	#	45
83) tert-Butylbenzene	13.00	119	29	Below Cal	#	1
85) sec-Butylbenzene	13.17	105	202	Below Cal	#	58
90) Hexachloroethane	13.87	117	67	Below Cal	#	17
92) 1,2-Dibromo-3-Chloropropan	14.34	75	100	Below Cal	#	11
93) 1,2,4-Trichlorobenzene	14.91	180	482	5.629	ug/l #	24
95) Naphthalene	15.13	128	573	4.437	ug/l #	76

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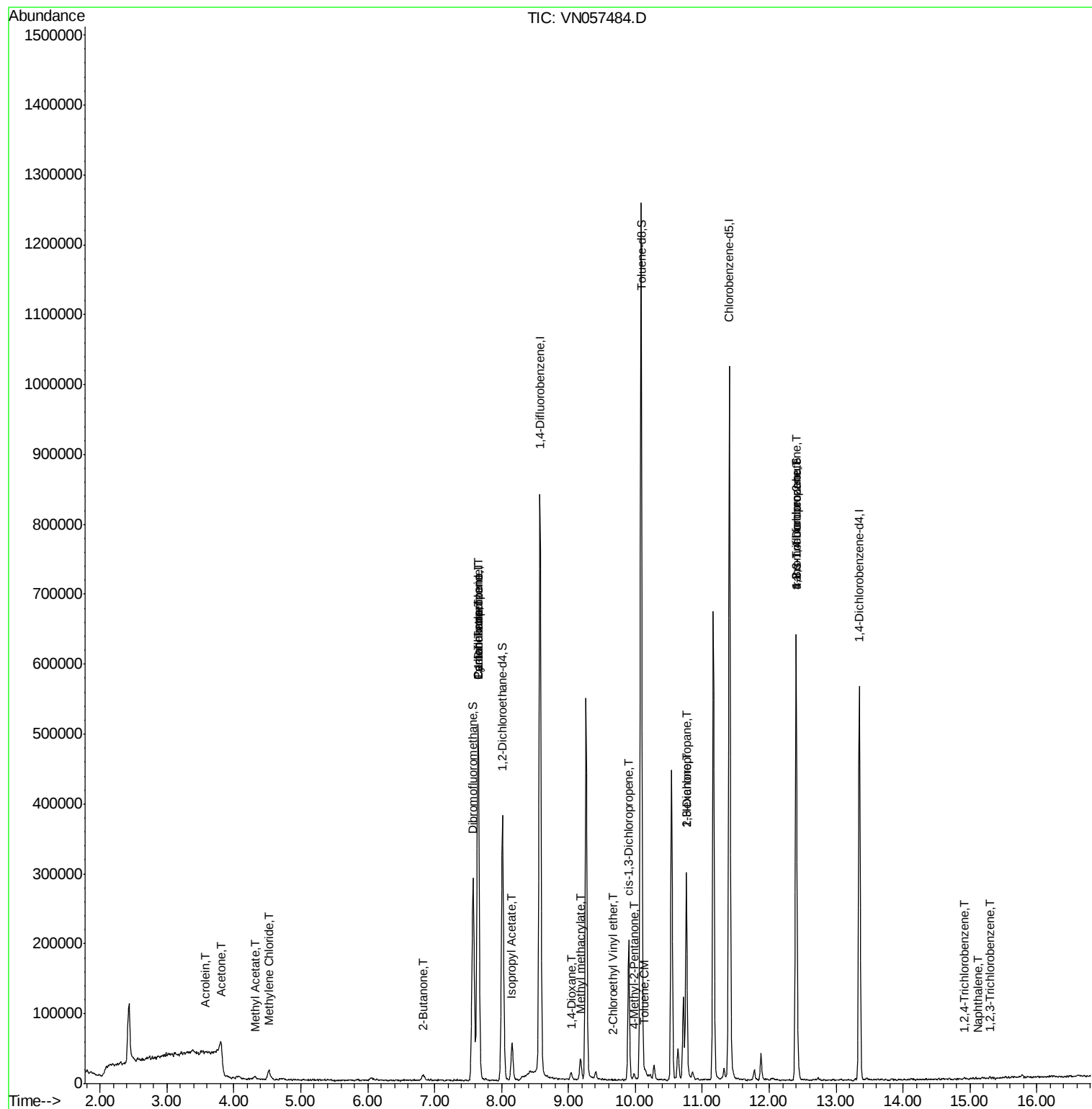
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.30	180	293	5.272	ug/l #	79

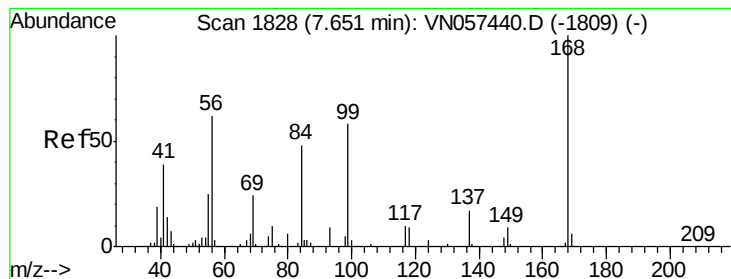
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN082419\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057484.D

Acq: 23 Aug 2019 20:28

Instrument :

MSVOA_N

ClientSampleId :

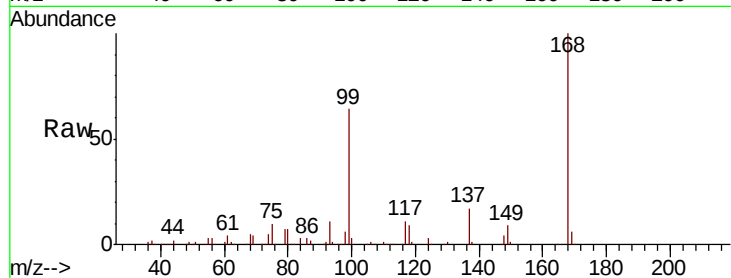
T1-S4(2.5)

Tgt Ion:168 Resp: 379354

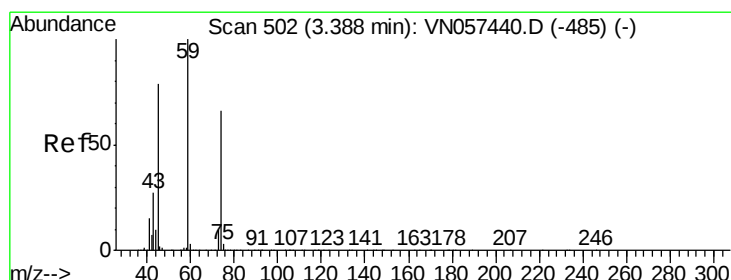
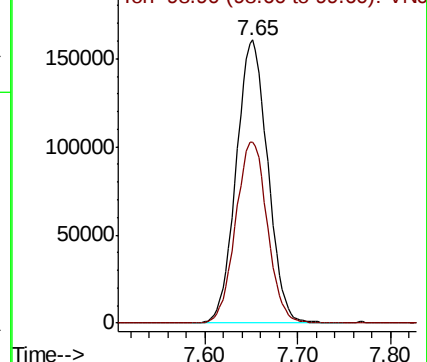
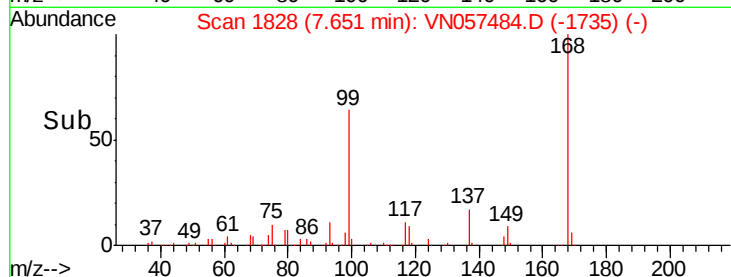
Ion Ratio Lower Upper

168 100

99 64.0 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): VN057484.D (-1735) (-)



#8

Diethyl Ether

Concen: Below Cal

RT: 3.43 min Scan# 515

Delta R.T. 0.04 min

Lab File: VN057484.D

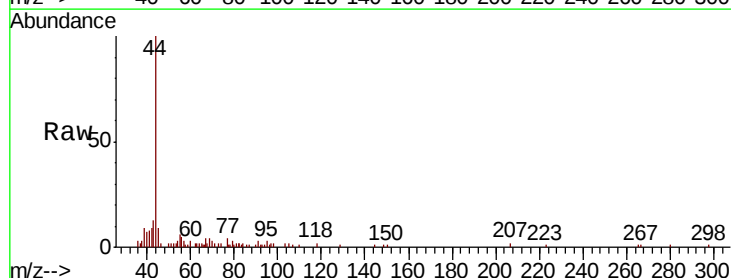
Acq: 23 Aug 2019 20:28

Tgt Ion: 74 Resp: 203

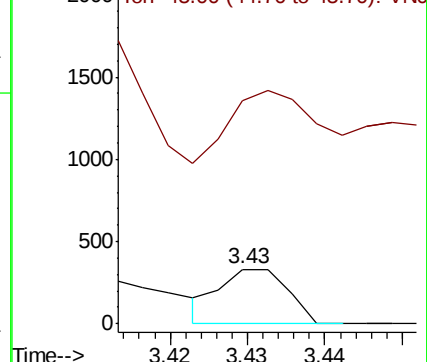
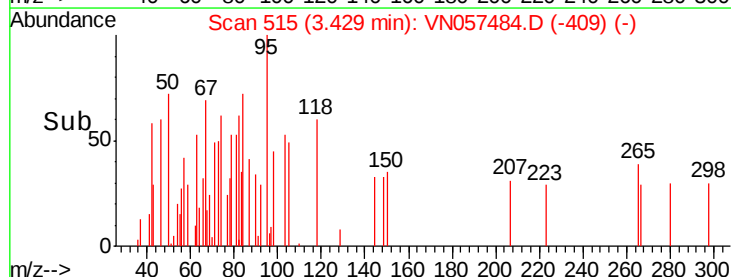
Ion Ratio Lower Upper

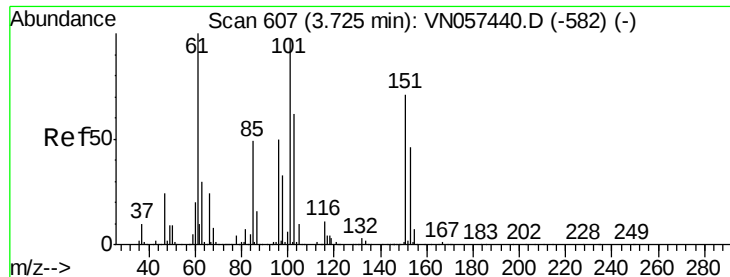
74 100

45 167.5 57.9 173.6



Abundance Ion 74.00 (73.70 to 74.70): VN057484.D (-409) (-)





#9

1,1,2-Trichlorotrifluoroethane

Concen: Below Cal

RT: 3.73 min Scan# 610

Delta R.T. 0.01 min

Lab File: VN057484.D

Acq: 23 Aug 2019 20:28

Instrument :

MSVOA_N

ClientSampled :

T1-S4(2.5)

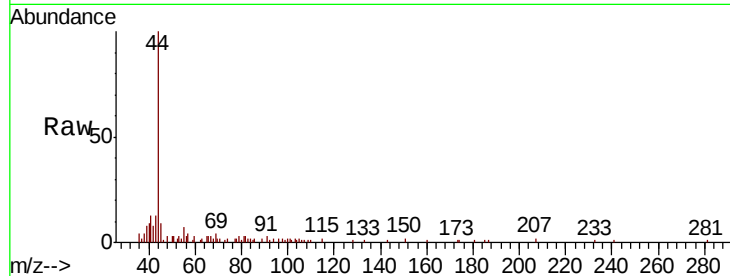
Tgt Ion:101 Resp: 293

Ion Ratio Lower Upper

101 100

85 62.8 40.0 60.0#

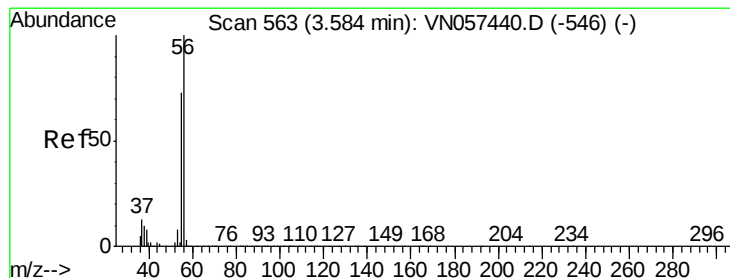
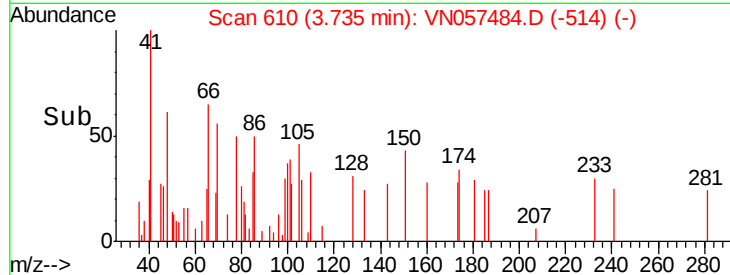
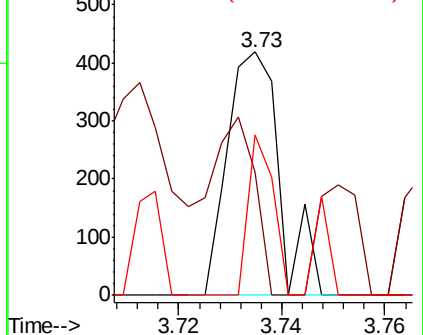
151 31.4 57.0 85.6#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#13

Acrolein

Concen: 0.381 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.01 min

Lab File: VN057484.D

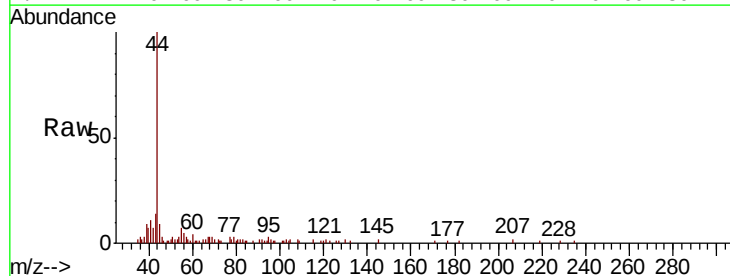
Acq: 23 Aug 2019 20:28

Tgt Ion: 56 Resp: 278

Ion Ratio Lower Upper

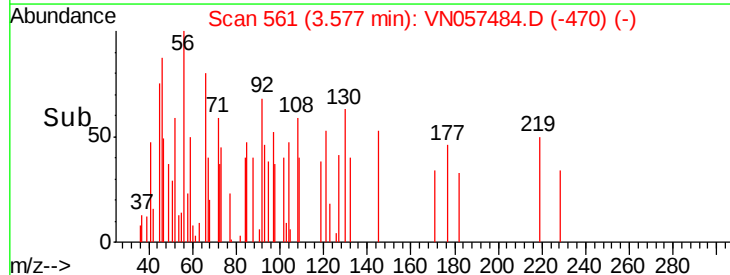
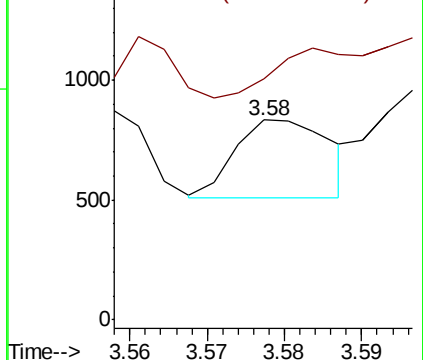
56 100

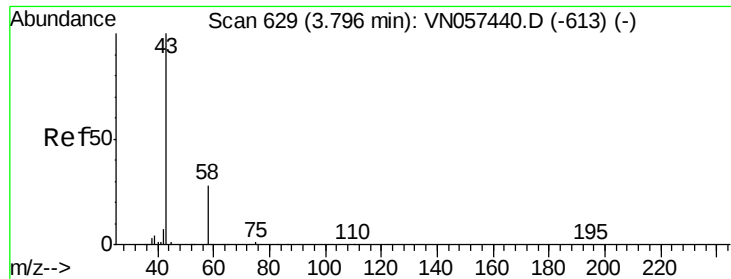
55 0.0 59.0 88.4#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 55.00 (54.70 to 55.70): VN

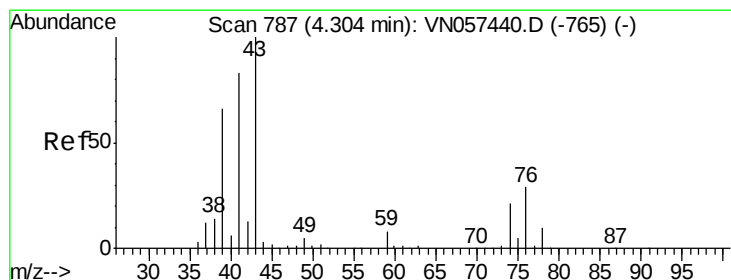
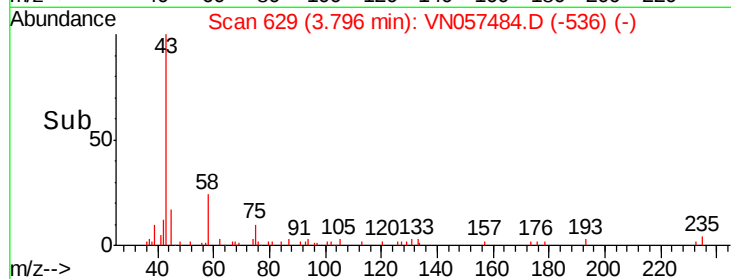
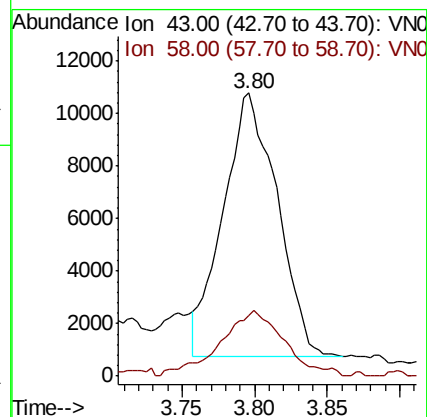
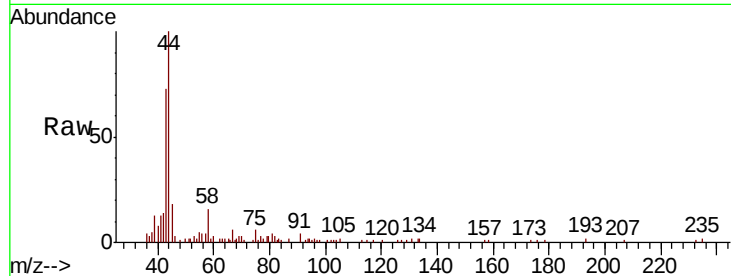




#16
Acetone
Concen: 8.523 ug/l
RT: 3.80 min Scan# 629
Delta R.T. -0.00 min
Lab File: VN057484.D
Acq: 23 Aug 2019 20:28

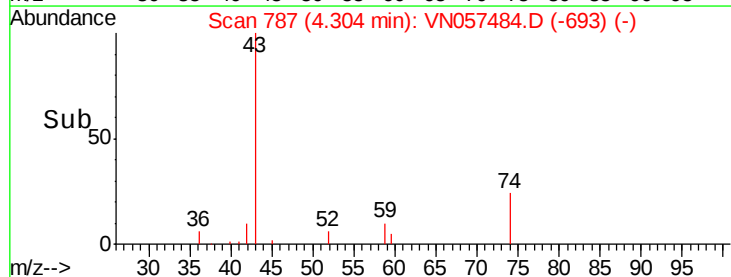
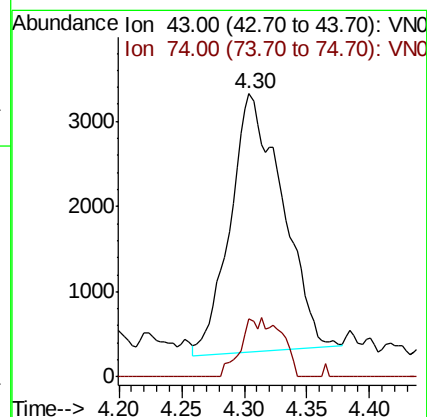
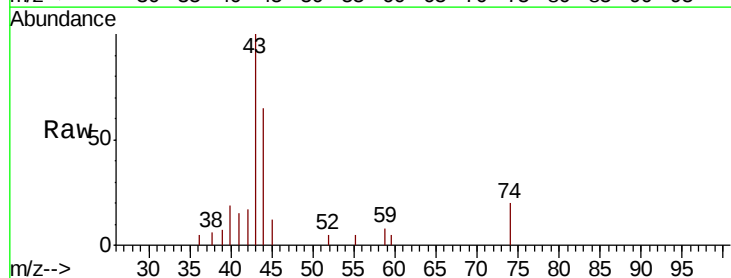
Instrument :
MSVOA_N
ClientSampleId :
T1-S4(2.5)

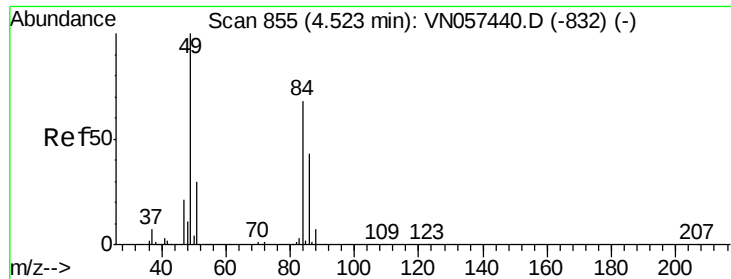
Tgt Ion: 43 Resp: 26119
Ion Ratio Lower Upper
43 100
58 23.1 22.1 33.1



#18
Methyl Acetate
Concen: 0.377 ug/l
RT: 4.30 min Scan# 787
Delta R.T. 0.00 min
Lab File: VN057484.D
Acq: 23 Aug 2019 20:28

Tgt Ion: 43 Resp: 8753
Ion Ratio Lower Upper
43 100
74 7.6 15.9 23.9#

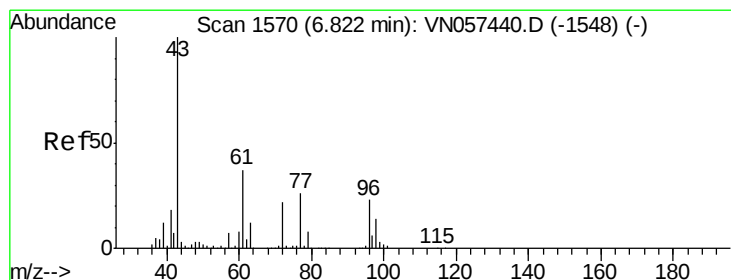
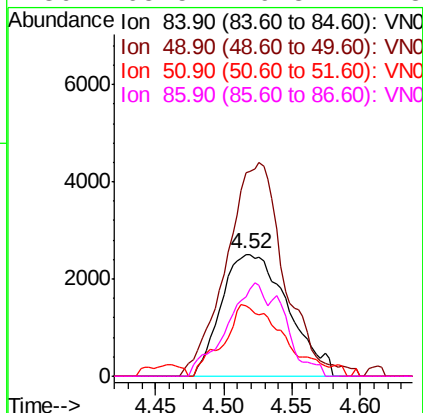
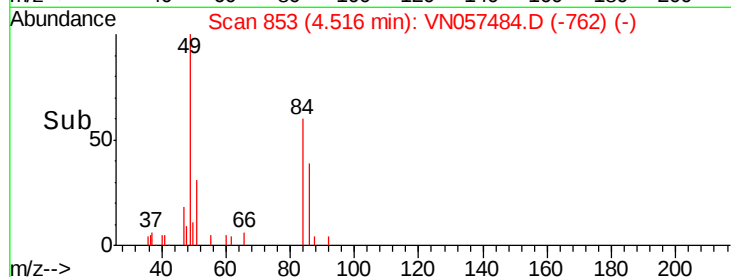
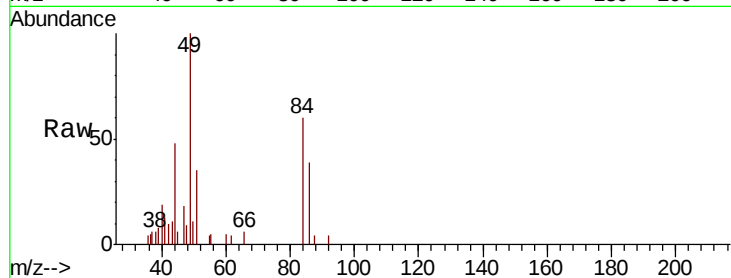




#20
Methylene Chloride
Concen: 1.794 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN057484.D
Acq: 23 Aug 2019 20:28

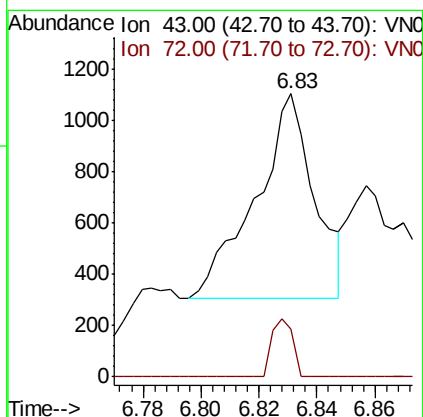
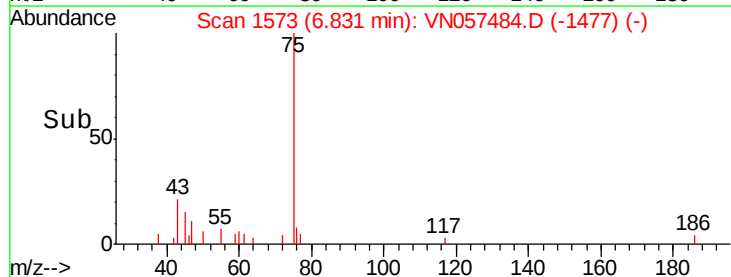
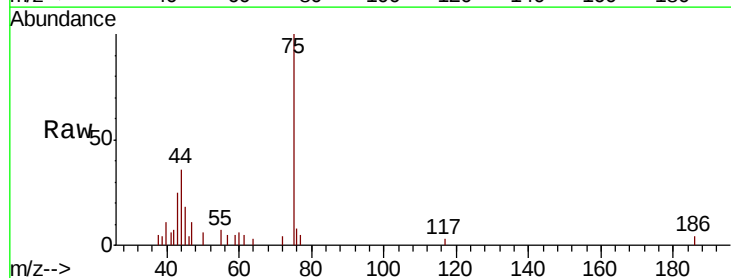
Instrument :
MSVOA_N
ClientSampleId :
T1-S4(2.5)

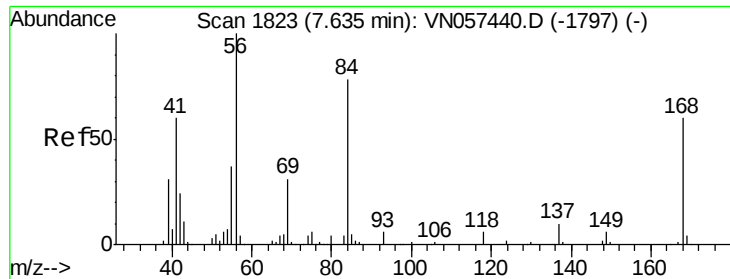
Tgt Ion: 84 Resp: 8481
Ion Ratio Lower Upper
84 100
49 158.7 117.0 175.4
51 57.6 35.5 53.3#
86 65.5 49.8 74.8



#25
2-Butanone
Concen: 0.339 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.01 min
Lab File: VN057484.D
Acq: 23 Aug 2019 20:28

Tgt Ion: 43 Resp: 1128
Ion Ratio Lower Upper
43 100
72 23.2 17.8 26.8

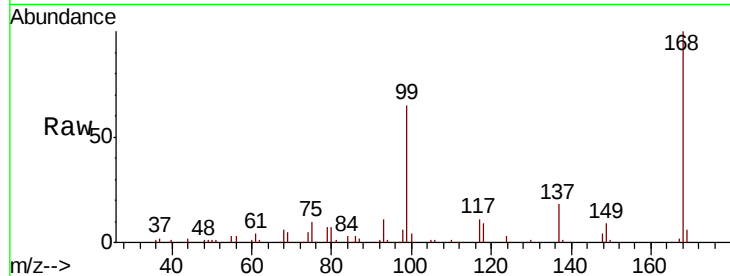




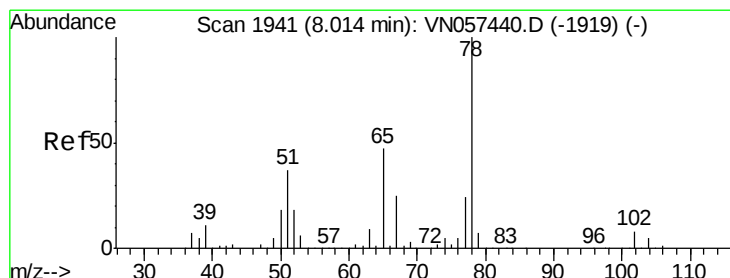
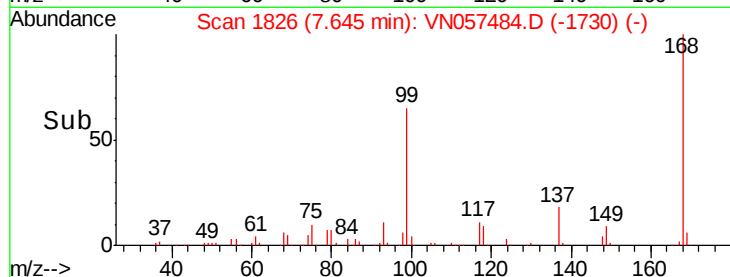
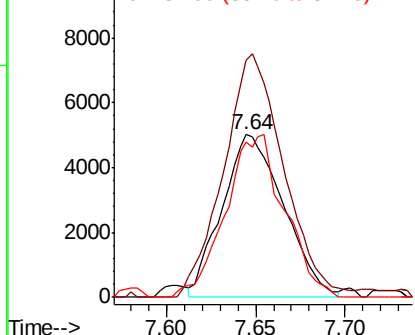
#31
Cyclohexane
Concen: 1.291 ug/l
RT: 7.64 min Scan# 1826
Delta R.T. 0.01 min
Lab File: VN057484.D
Acq: 23 Aug 2019 20:28

Instrument :
MSVOA_N
ClientSampleId :
T1-S4(2.5)

Tgt Ion: 56 Resp: 12102
Ion Ratio Lower Upper
56 100
69 144.4 25.0 37.6#
84 98.3 62.5 93.7#

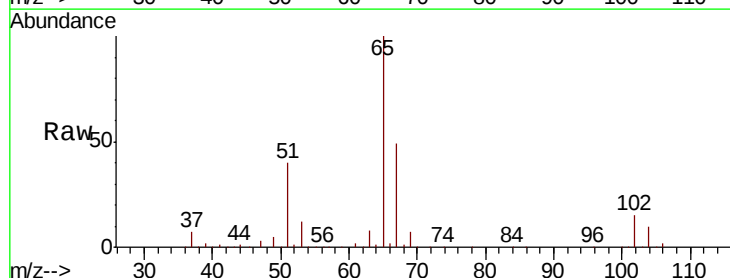


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

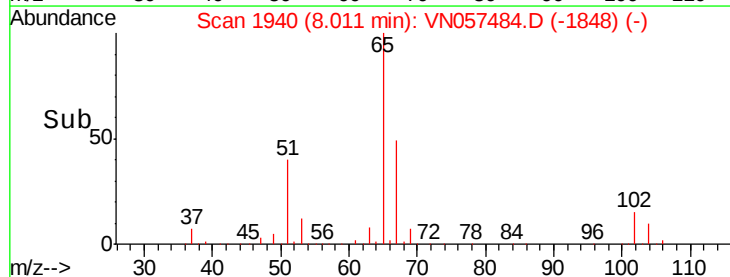
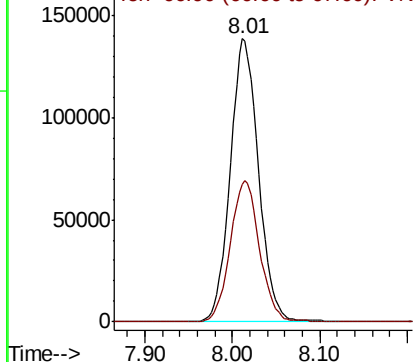


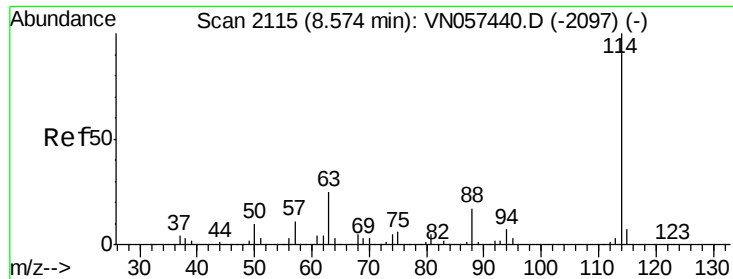
#33
1,2-Dichloroethane-d4
Concen: 46.581 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. -0.00 min
Lab File: VN057484.D
Acq: 23 Aug 2019 20:28

Tgt Ion: 65 Resp: 310850
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.8



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

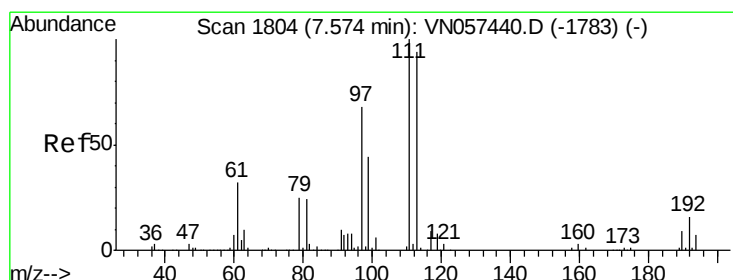
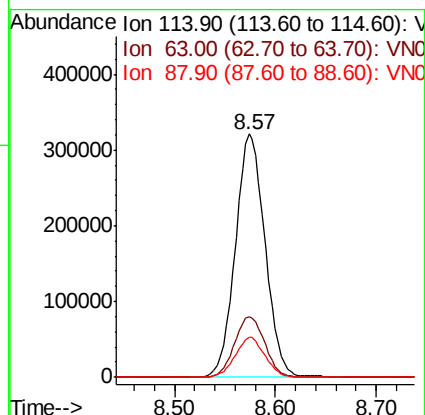
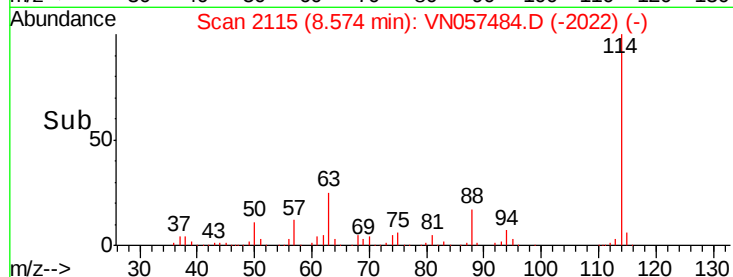
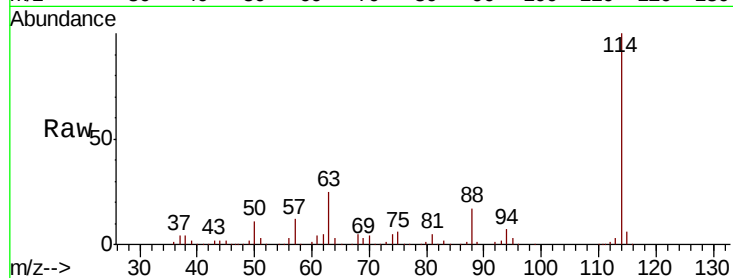




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057484.D
 Acq: 23 Aug 2019 20:28

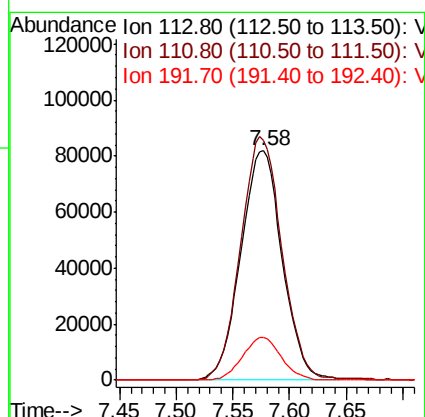
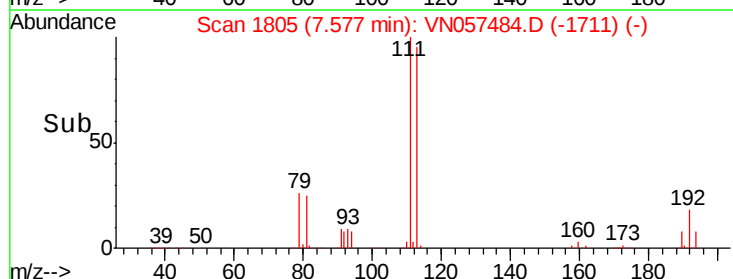
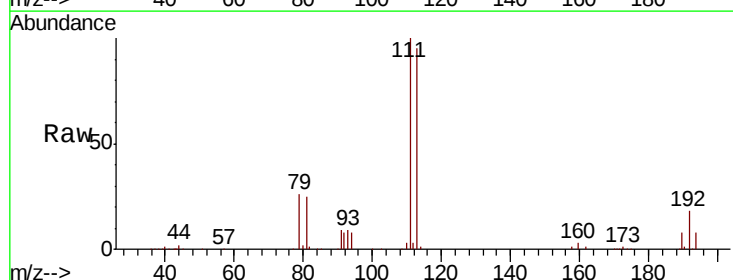
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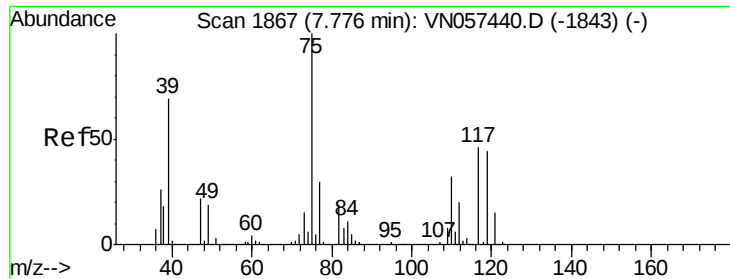
Tgt Ion:114 Resp: 656482
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 50.2
 88 16.6 0.0 34.6



#35
 Dibromofluoromethane
 Concen: 46.991 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057484.D
 Acq: 23 Aug 2019 20:28

Tgt Ion:113 Resp: 208368
 Ion Ratio Lower Upper
 113 100
 111 105.6 83.8 125.6
 192 17.4 13.5 20.3

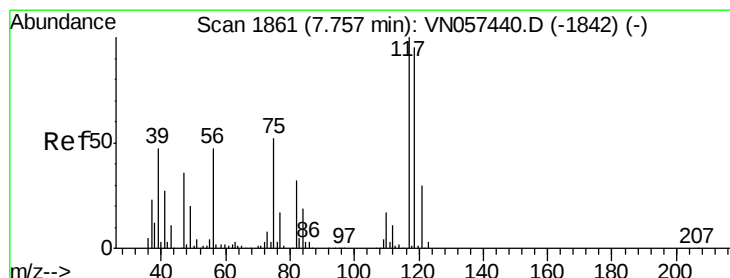
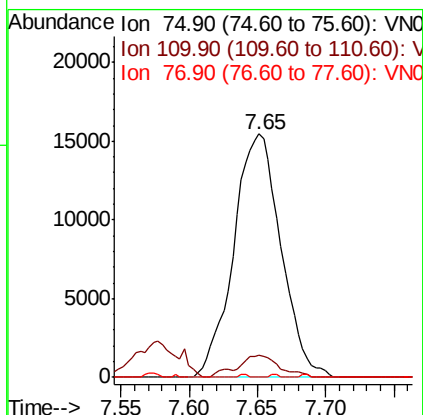
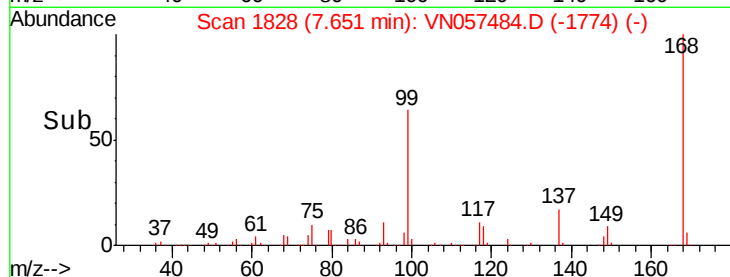
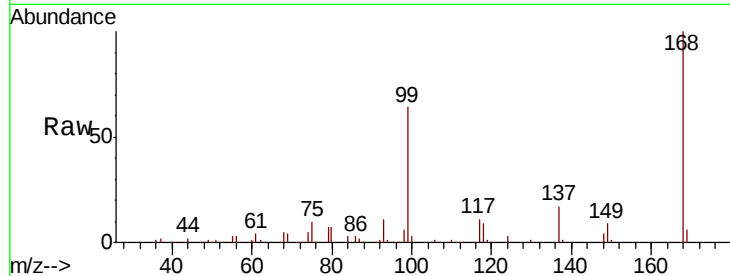




#36
 1,1-Dichloropropene
 Concen: 5.545 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057484.D
 Acq: 23 Aug 2019 20:28

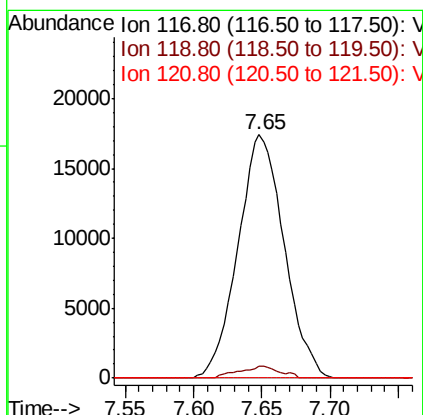
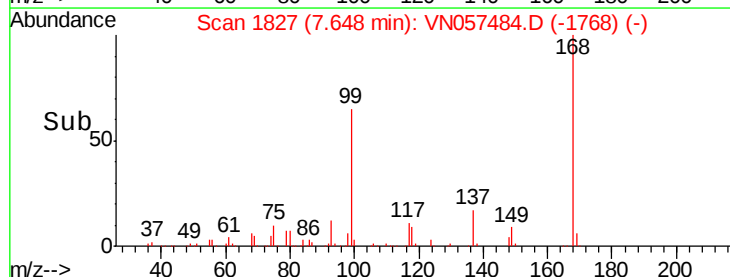
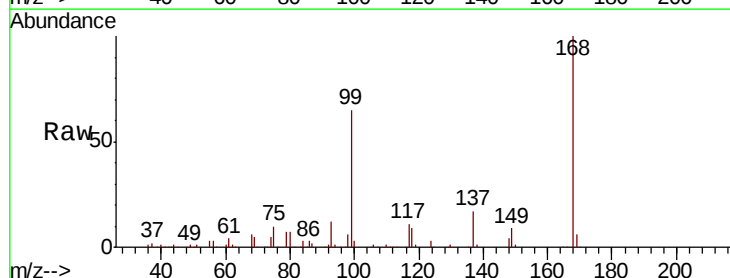
Instrument :
 MSVOA_N
 ClientSampleId :
 T1-S4(2.5)

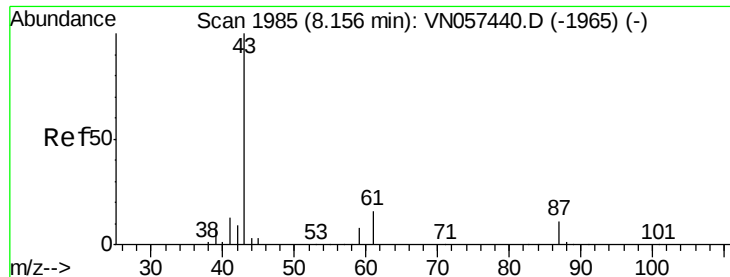
Tgt Ion: 75 Resp: 37196
 Ion Ratio Lower Upper
 75 100
 110 8.1 16.1 48.3#
 77 0.2 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.133 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.11 min
 Lab File: VN057484.D
 Acq: 23 Aug 2019 20:28

Tgt Ion: 117 Resp: 40871
 Ion Ratio Lower Upper
 117 100
 119 4.7 76.2 114.4#
 121 0.0 23.8 35.6#





#43

Isopropyl Acetate

Concen: 5.397 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057484.D

Acq: 23 Aug 2019 20:28

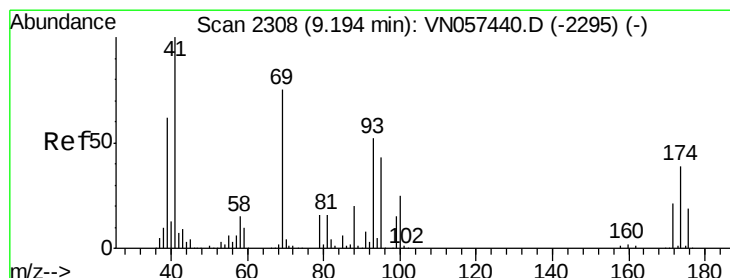
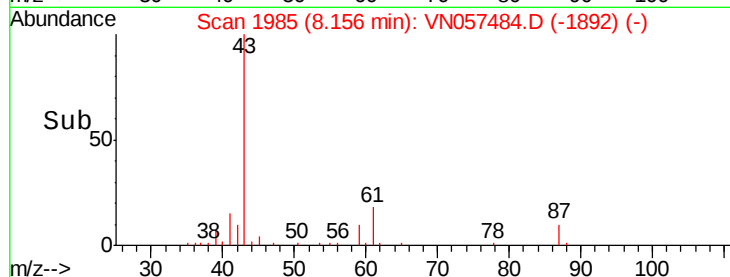
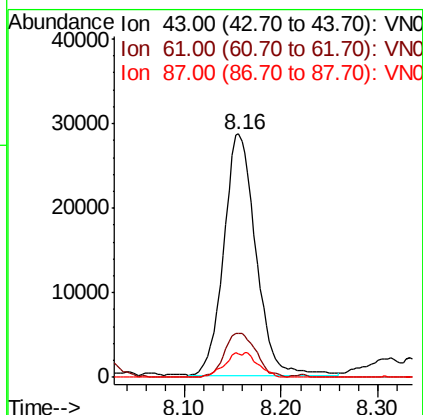
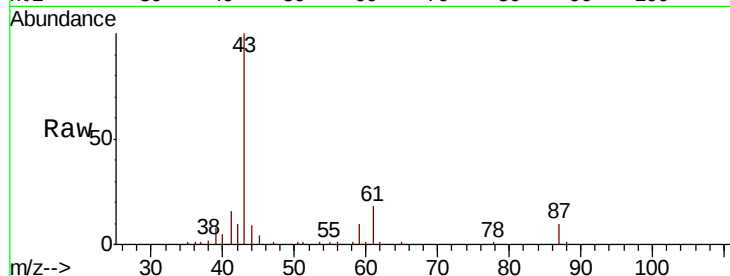
Instrument :

MSVOA_N

ClientSampleId :

T1-S4(2.5)

Tgt Ion:	43	Resp:	65592
Ion	Ratio	Lower	Upper
43	100		
61	18.0	14.5	21.7
87	5.7	8.6	12.8#



#48

Methyl methacrylate

Concen: 0.560 ug/l

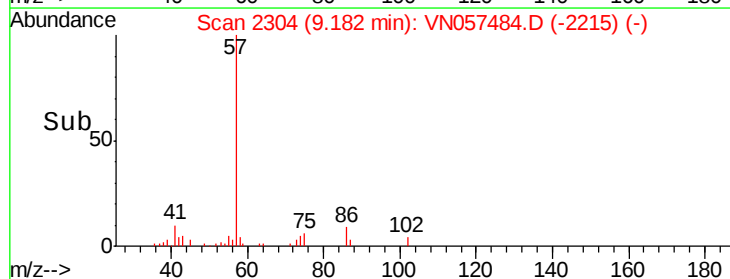
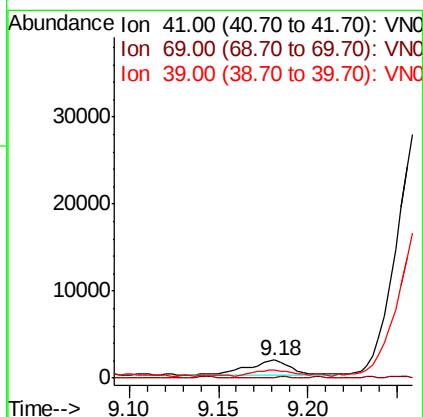
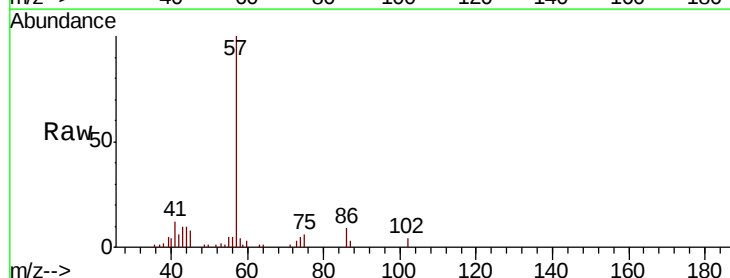
RT: 9.18 min Scan# 2304

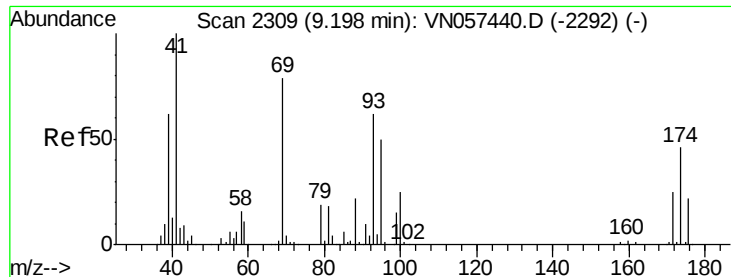
Delta R.T. -0.01 min

Lab File: VN057484.D

Acq: 23 Aug 2019 20:28

Tgt Ion:	41	Resp:	3234
Ion	Ratio	Lower	Upper
41	100		
69	2.2	59.3	88.9#
39	37.1	50.6	75.8#

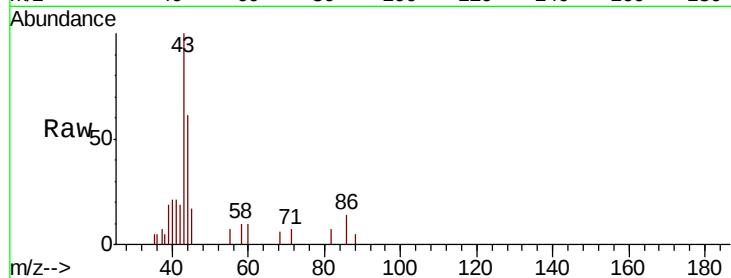




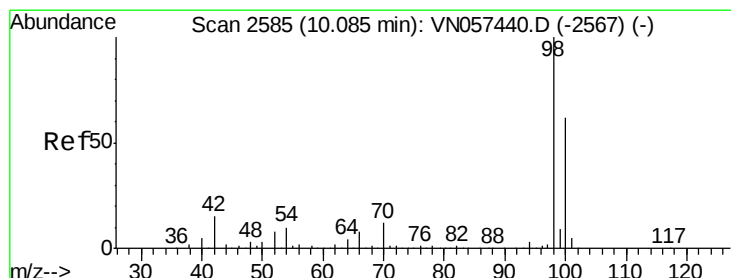
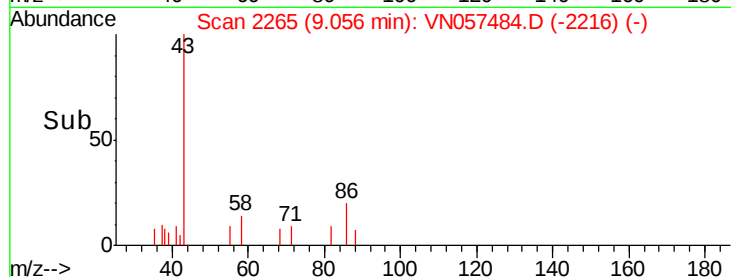
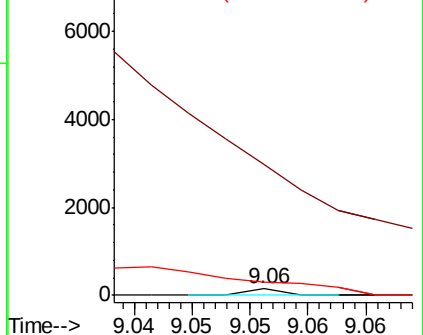
#49
 1,4-Dioxane
 Concen: 0.388 ug/l
 RT: 9.06 min Scan# 2265
 Delta R.T. -0.14 min
 Lab File: VN057484.D
 Acq: 23 Aug 2019 20:28

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-S4(2.5)

Tgt Ion: 88 Resp: 29
 Ion Ratio Lower Upper
 88 100
 43 0.0 31.0 46.6#
 58 3806.9 64.5 96.7#

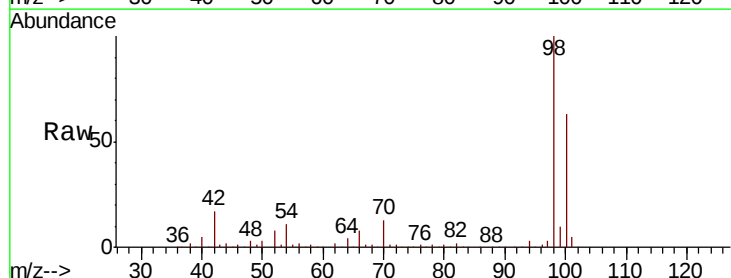


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

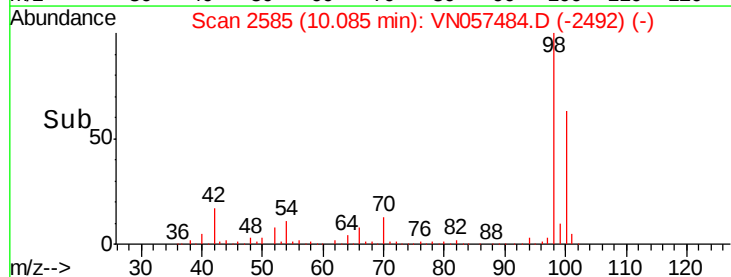
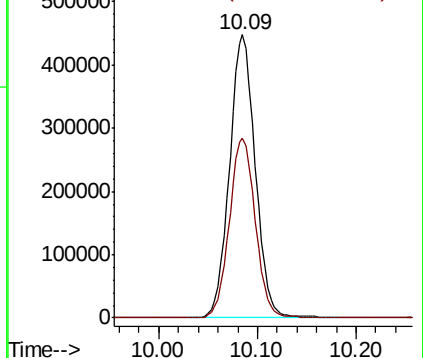


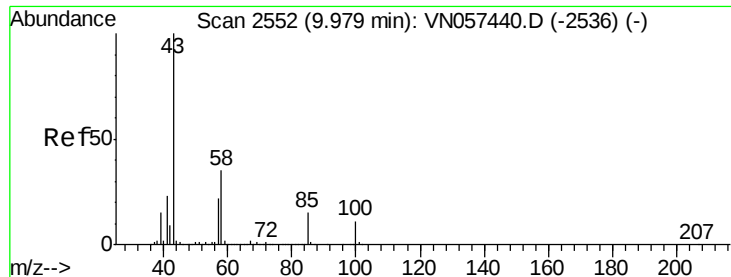
#50
 Toluene-d8
 Concen: 48.688 ug/l
 RT: 10.09 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: VN057484.D
 Acq: 23 Aug 2019 20:28

Tgt Ion: 98 Resp: 816339
 Ion Ratio Lower Upper
 98 100
 100 63.8 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

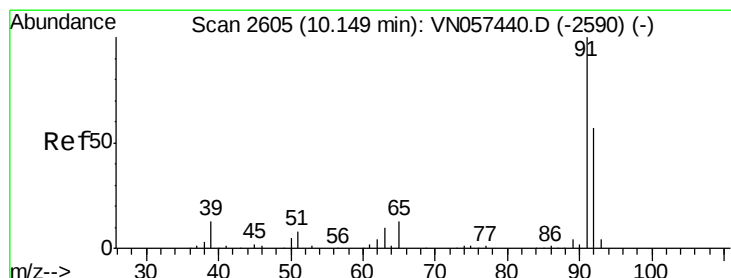
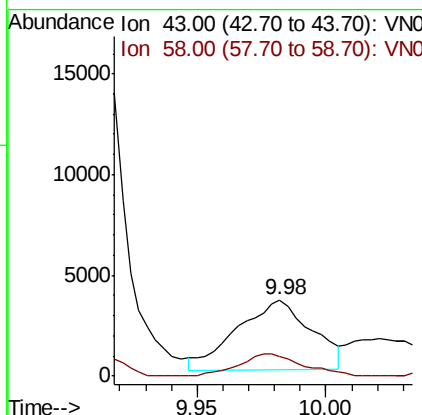
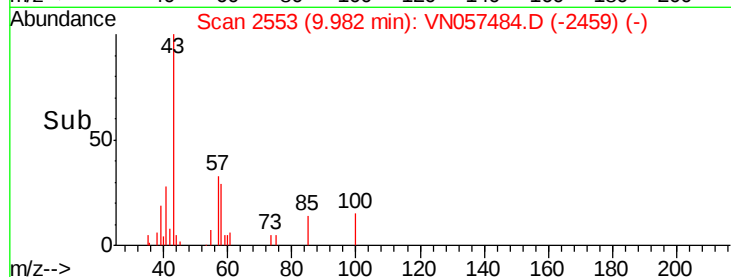
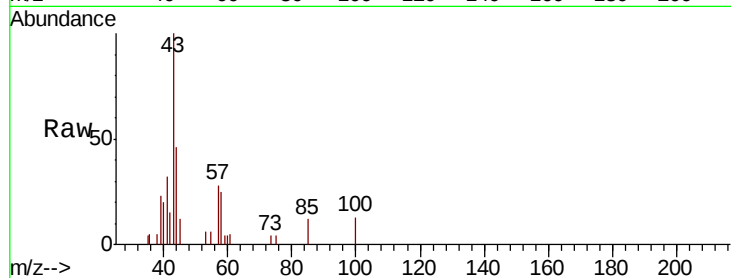




#51
 4-Methyl-2-Pentanone
 Concen: 1.029 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: VN057484.D
 Acq: 23 Aug 2019 20:28

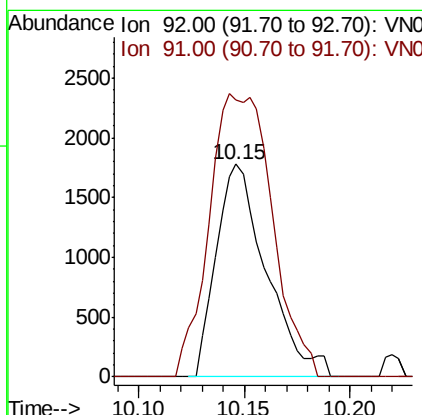
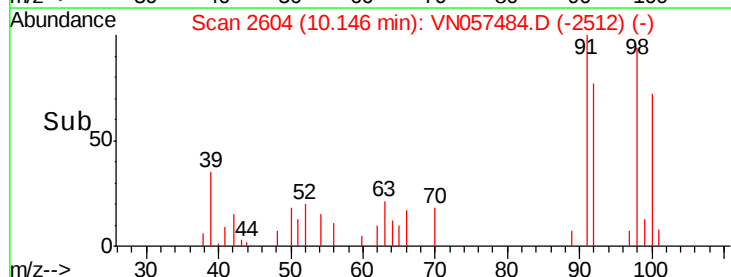
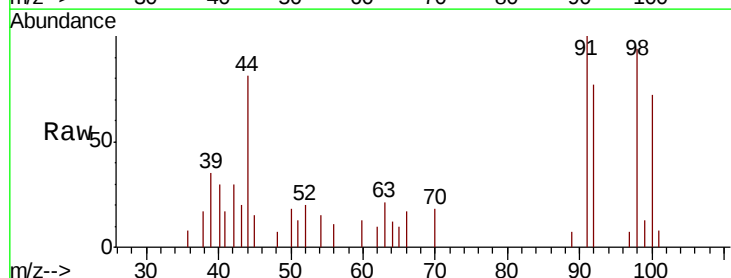
Instrument :
 MSVOA_N
 ClientSampleId :
 T1-S4(2.5)

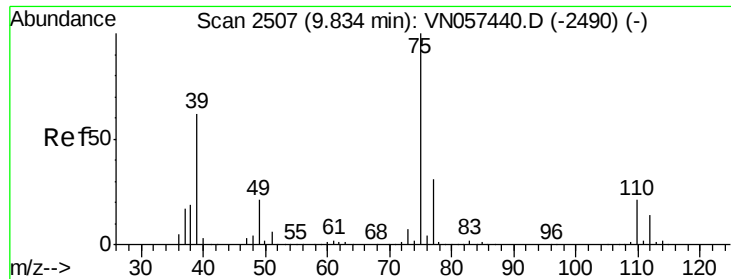
Tgt Ion: 43 Resp: 6971
 Ion Ratio Lower Upper
 43 100
 58 27.8 27.9 41.9#



#52
 Toluene
 Concen: 0.253 ug/l
 RT: 10.15 min Scan# 2604
 Delta R.T. -0.00 min
 Lab File: VN057484.D
 Acq: 23 Aug 2019 20:28

Tgt Ion: 92 Resp: 2940
 Ion Ratio Lower Upper
 92 100
 91 166.7 140.9 211.3





#54

cis-1,3-Dichloropropene

Concen: 3.708 ug/l

RT: 9.90 min Scan# 2527

Delta R.T. 0.06 min

Lab File: VN057484.D

Acq: 23 Aug 2019 20:28

Instrument :

MSVOA_N

ClientSampleId :

T1-S4(2.5)

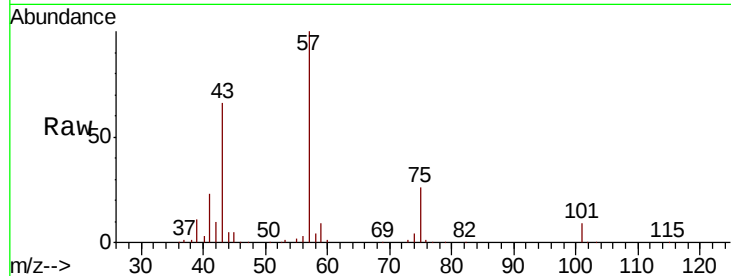
Tgt Ion: 75 Resp: 32349

Ion Ratio Lower Upper

75 100

77 0.9 25.0 37.6#

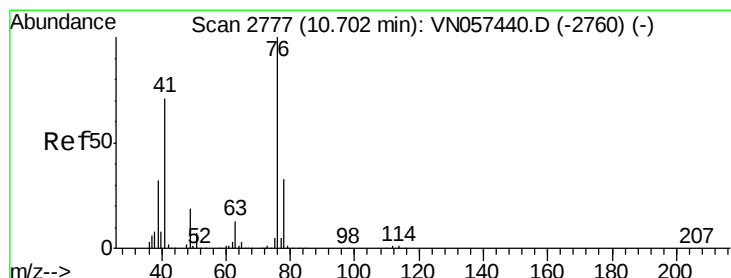
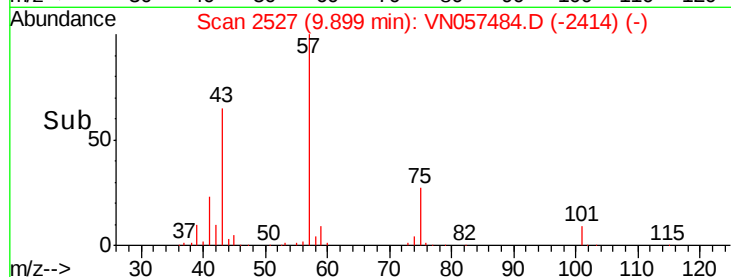
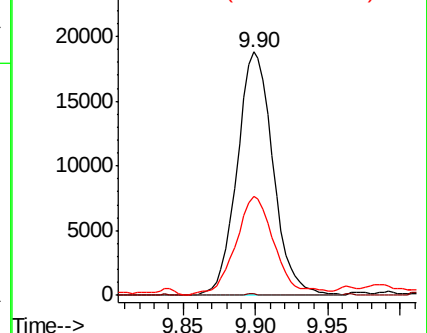
39 39.8 49.2 73.8#



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: 0.342 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN057484.D

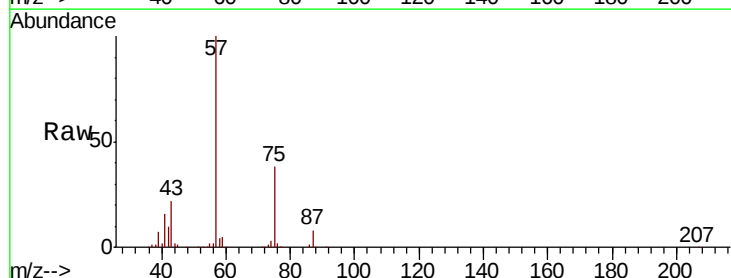
Acq: 23 Aug 2019 20:28

Tgt Ion: 76 Resp: 2791

Ion Ratio Lower Upper

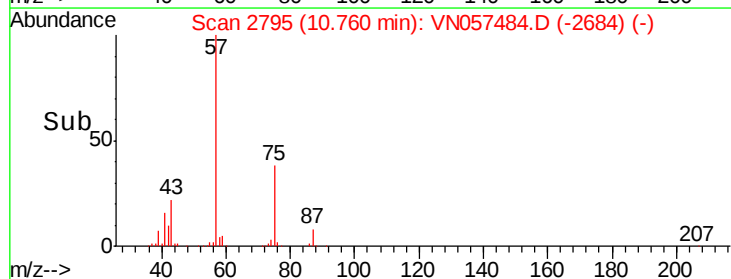
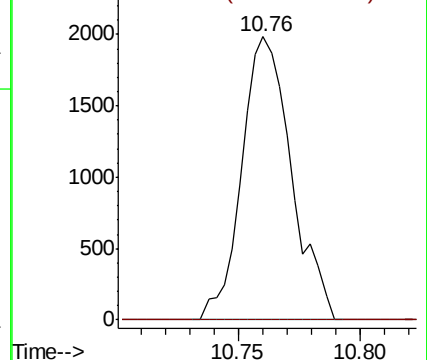
76 100

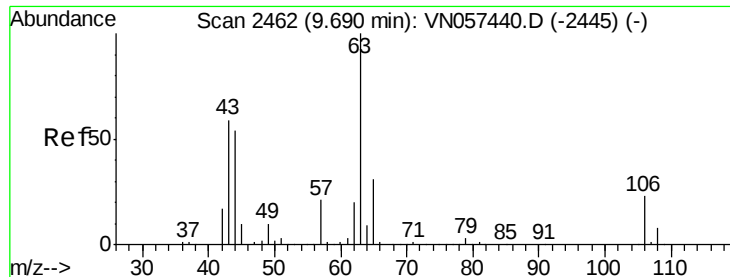
78 0.0 25.5 38.3#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0





#58

2-Chloroethyl Vinyl ether

Concen: 17.115 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.03 min

Lab File: VN057484.D

Acq: 23 Aug 2019 20:28

Instrument :

MSVOA_N

ClientSampleId :

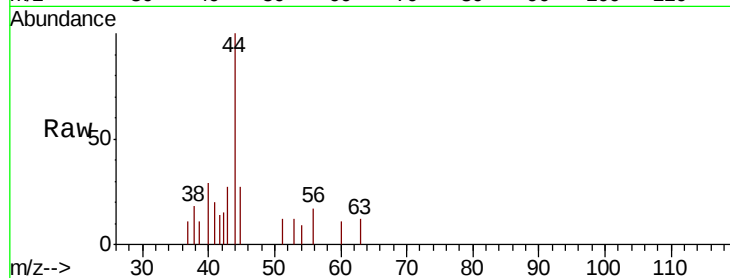
T1-S4(2.5)

Tgt Ion: 63 Resp: 111

Ion Ratio Lower Upper

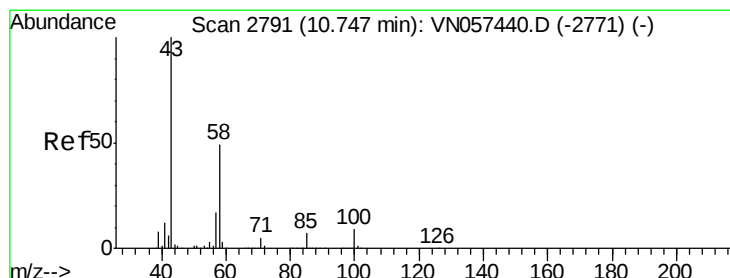
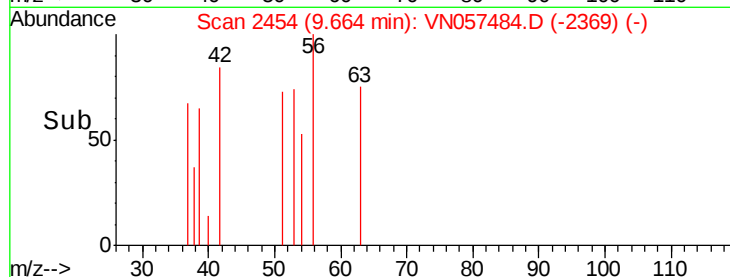
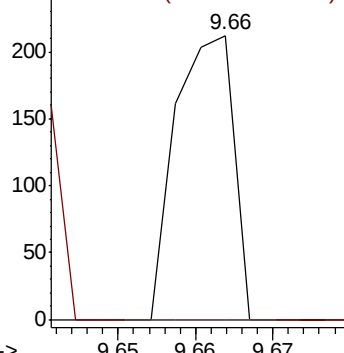
63 100

106 0.0 18.6 27.8#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V



#59

2-Hexanone

Concen: 9.918 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.01 min

Lab File: VN057484.D

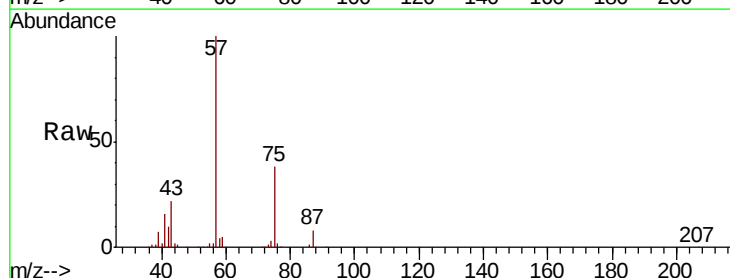
Acq: 23 Aug 2019 20:28

Tgt Ion: 43 Resp: 46076

Ion Ratio Lower Upper

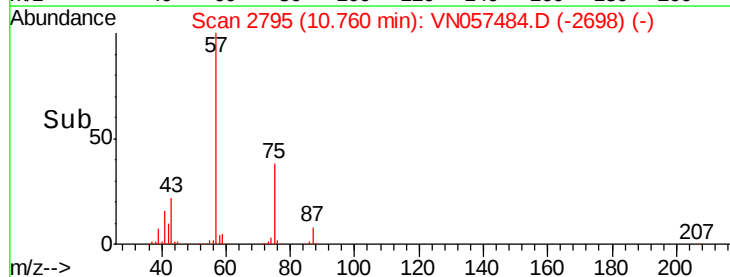
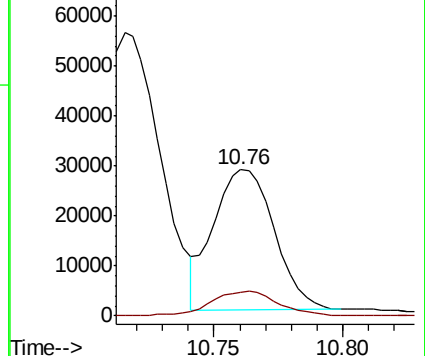
43 100

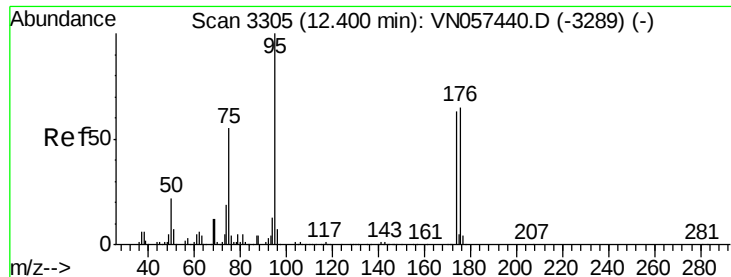
58 19.9 24.6 73.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#62

4-Bromofluorobenzene

Concen: 39.639 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN057484.D

Acq: 23 Aug 2019 20:28

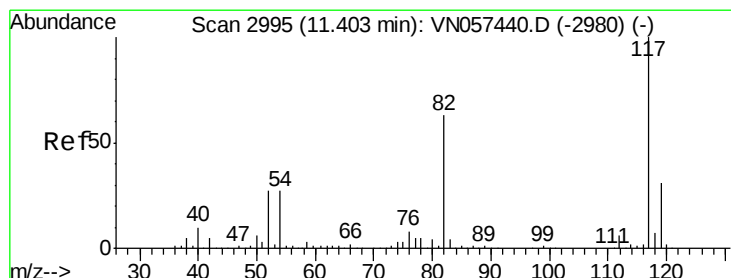
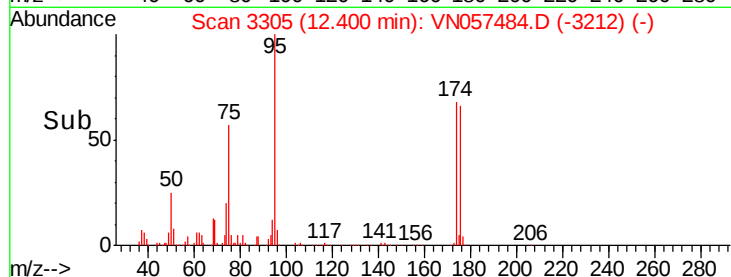
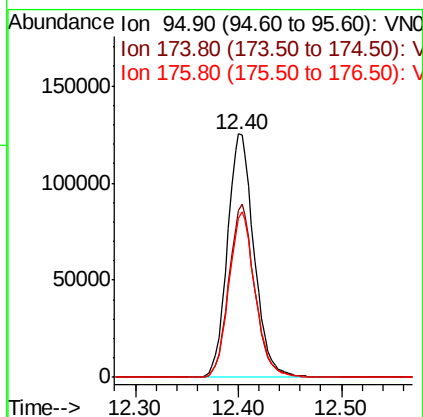
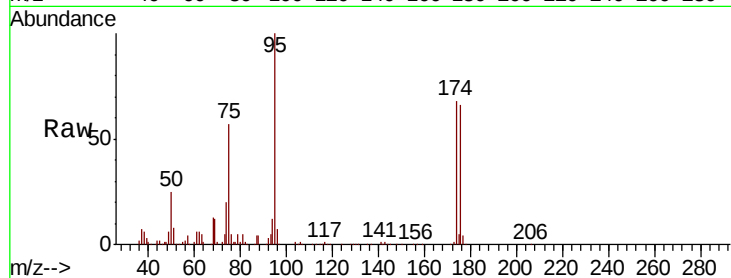
Instrument :

MSVOA_N

ClientSampleId :

T1-S4(2.5)

Tgt Ion:	95	Resp:	225230
Ion	Ratio	Lower	Upper
95	100		
174	69.0	0.0	133.0
176	66.9	0.0	130.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

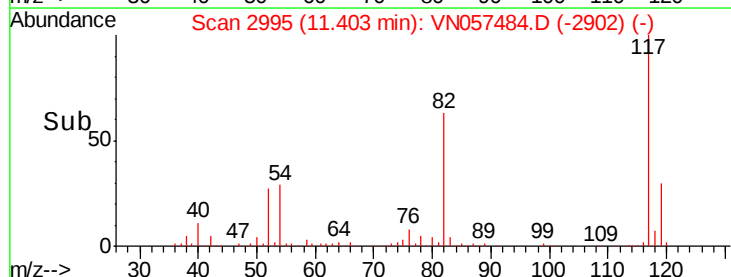
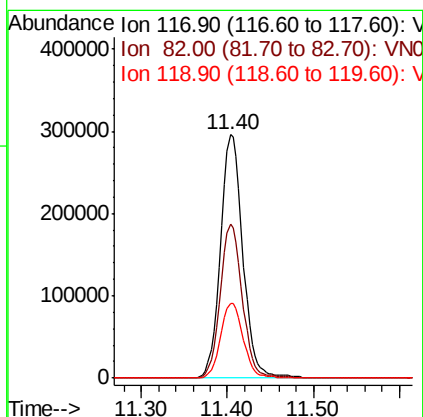
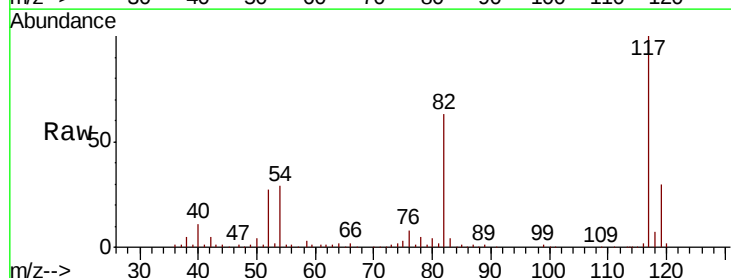
RT: 11.40 min Scan# 2995

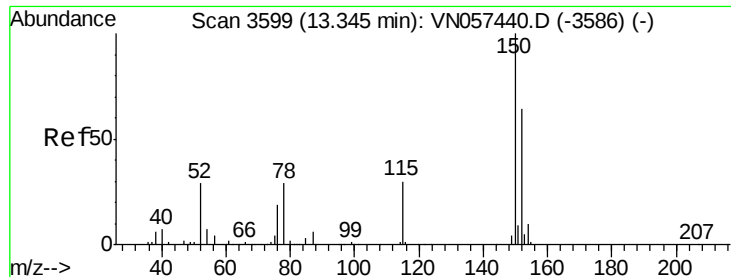
Delta R.T. -0.00 min

Lab File: VN057484.D

Acq: 23 Aug 2019 20:28

Tgt Ion:	117	Resp:	534197
Ion	Ratio	Lower	Upper
117	100		
82	63.0	50.6	75.8
119	30.4	24.6	36.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057484.D

Acq: 23 Aug 2019 20:28

Instrument :

MSVOA_N

ClientSampleId :

T1-S4(2.5)

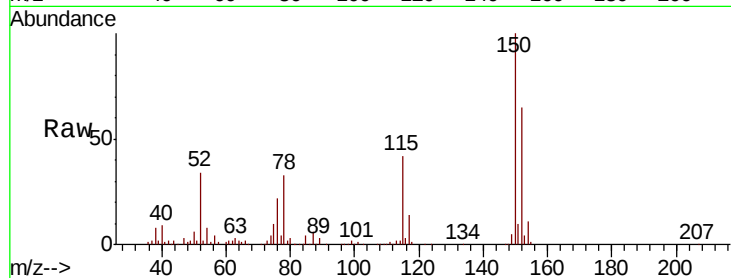
Tgt Ion:152 Resp: 134134

Ion Ratio Lower Upper

152 100

115 64.9 32.0 96.0

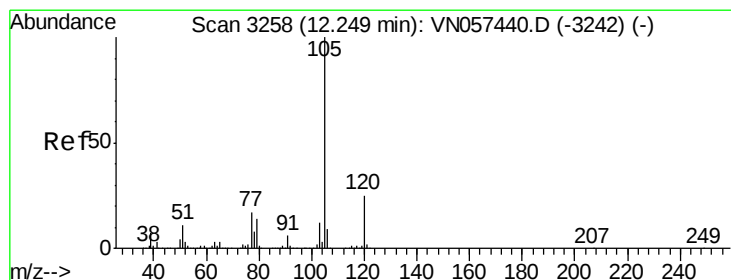
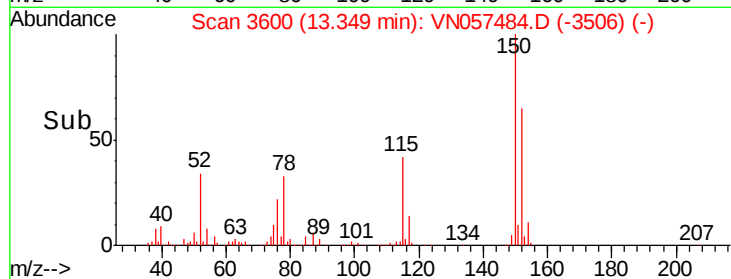
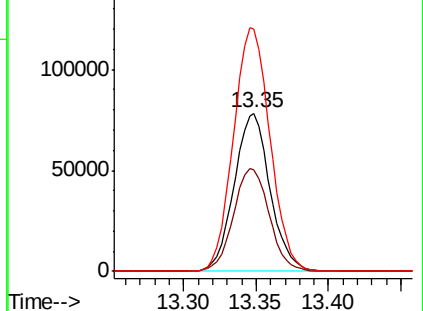
150 157.4 0.0 346.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: Below Cal

RT: 12.41 min Scan# 3307

Delta R.T. 0.16 min

Lab File: VN057484.D

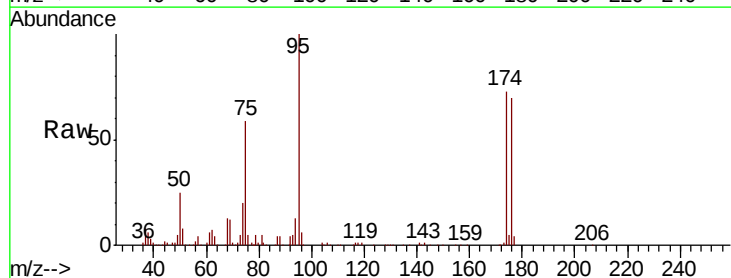
Acq: 23 Aug 2019 20:28

Tgt Ion:105 Resp: 422

Ion Ratio Lower Upper

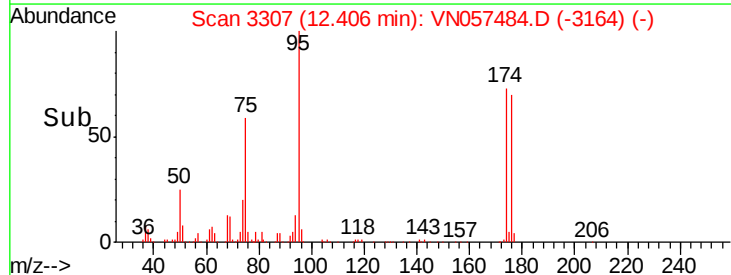
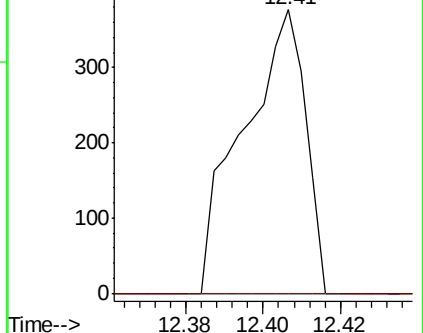
105 100

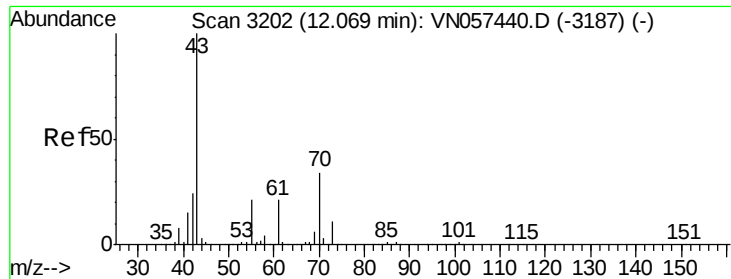
120 0.0 12.7 38.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: Below Cal

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN057484.D

Acq: 23 Aug 2019 20:28

Instrument :

MSVOA_N

ClientSampleId :

T1-S4(2.5)

Tgt Ion: 43 Resp: 768

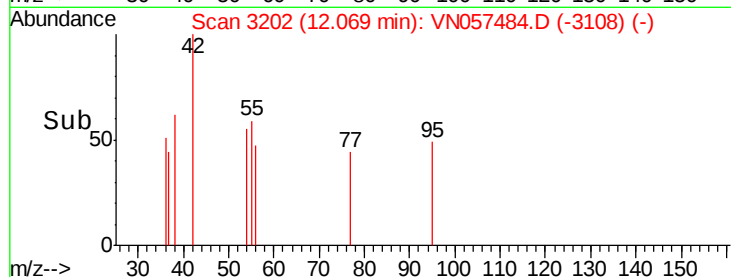
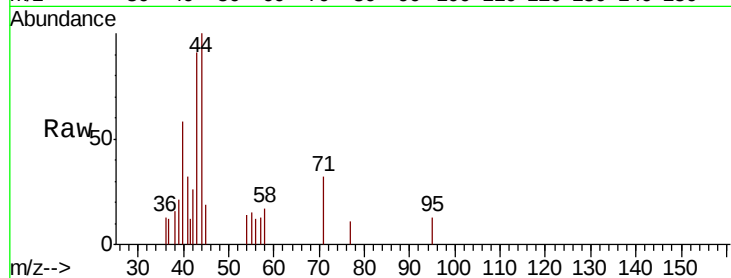
Ion Ratio Lower Upper

43 100

70 0.0 27.8 41.6#

55 28.9 17.0 25.4#

61 7.9 17.0 25.6#

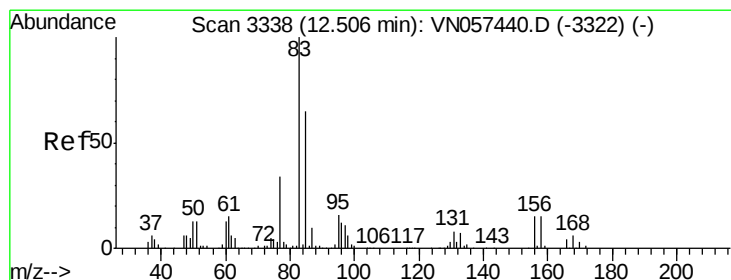
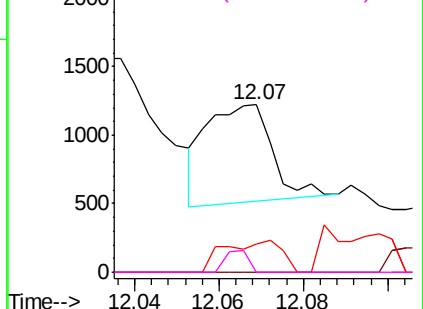


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.41 min Scan# 3307

Delta R.T. -0.10 min

Lab File: VN057484.D

Acq: 23 Aug 2019 20:28

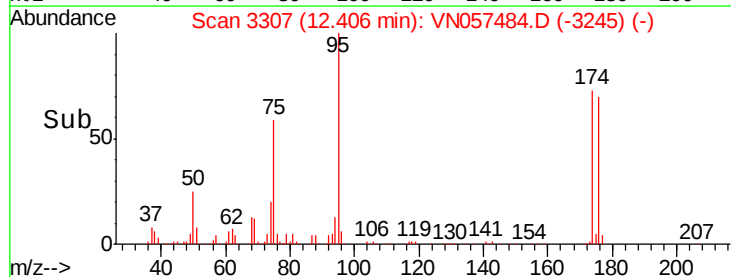
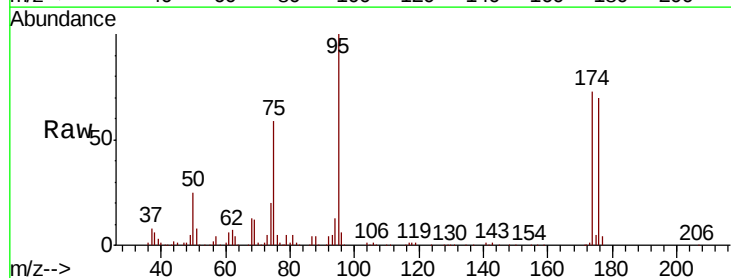
Tgt Ion: 83 Resp: 395

Ion Ratio Lower Upper

83 100

131 65.6 4.3 13.1#

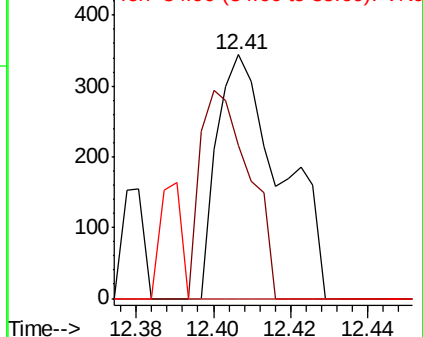
85 15.4 32.3 96.8#

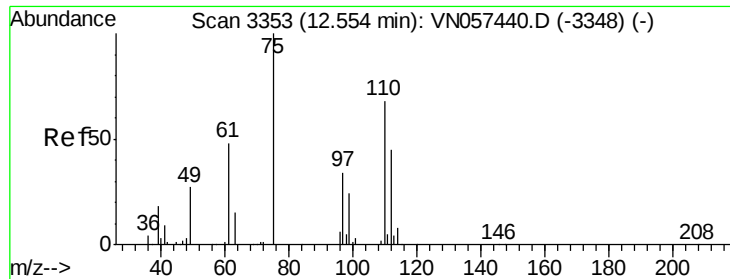


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





#76

1,2,3-Trichloropropane

Concen: 44.441 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN057484.D

Acq: 23 Aug 2019 20:28

Instrument :

MSVOA_N

ClientSampleId :

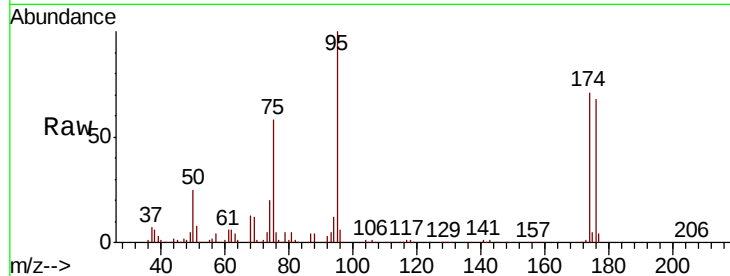
T1-S4(2.5)

Tgt Ion: 75 Resp: 133177

Ion Ratio Lower Upper

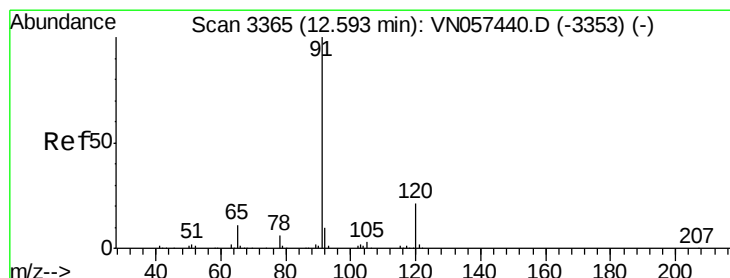
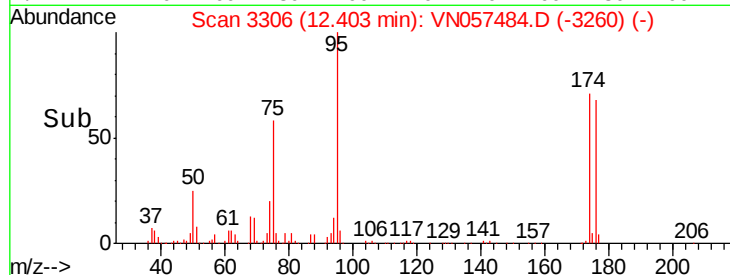
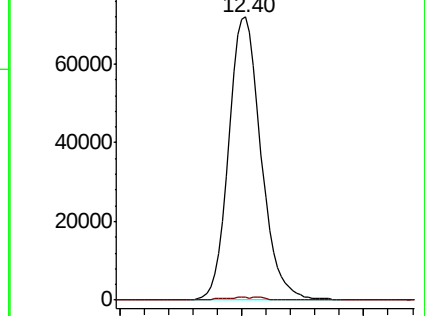
75 100

77 0.8 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: Below Cal

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN057484.D

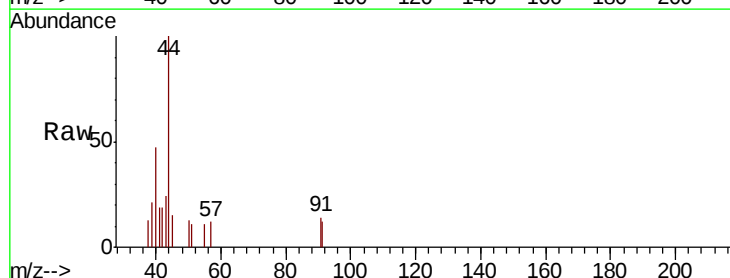
Acq: 23 Aug 2019 20:28

Tgt Ion: 91 Resp: 423

Ion Ratio Lower Upper

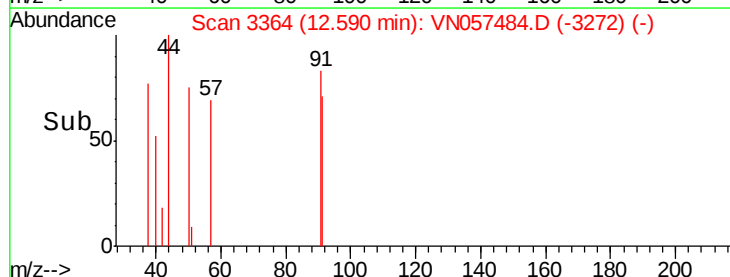
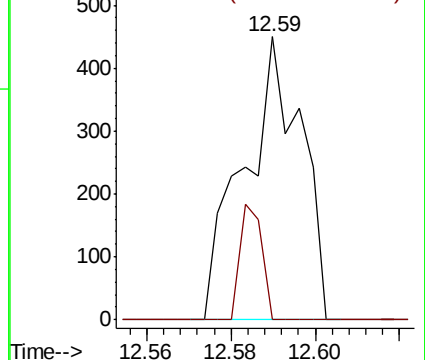
91 100

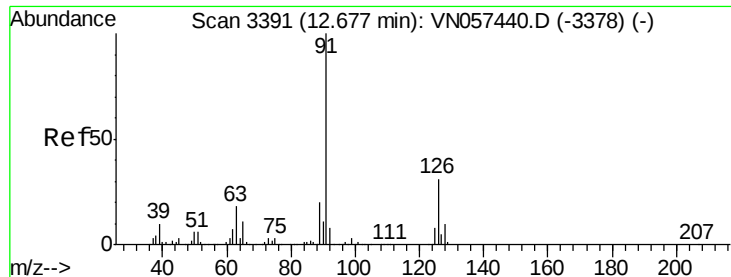
120 15.6 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.69 min Scan# 3395

Delta R.T. 0.01 min

Lab File: VN057484.D

Acq: 23 Aug 2019 20:28

Instrument :

MSVOA_N

ClientSampled :

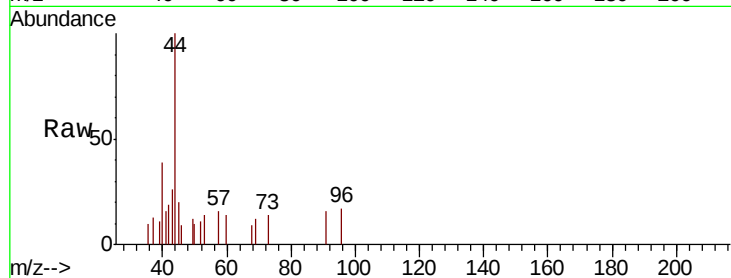
T1-S4(2.5)

Tgt Ion: 91 Resp: 167

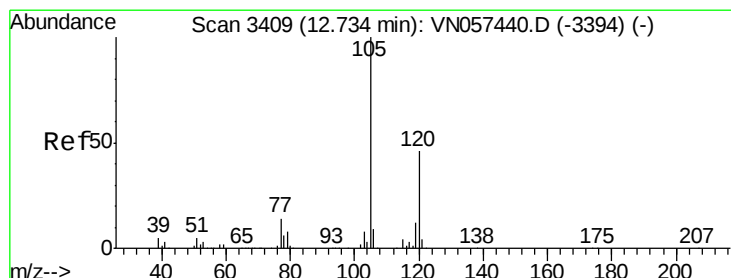
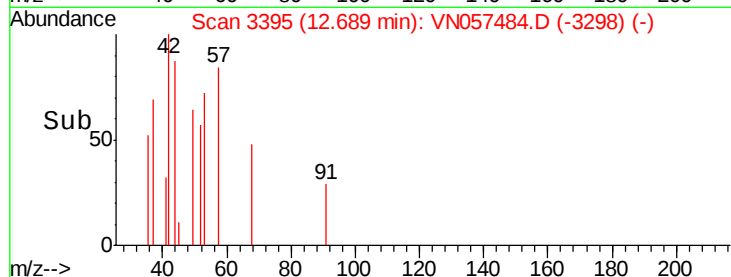
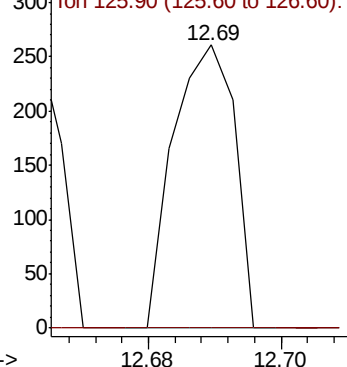
Ion Ratio Lower Upper

91 100

126 0.0 15.3 45.8#



Abundance Ion 91.00 (90.70 to 91.70): VN057484.D (-3391) (-)



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN057484.D

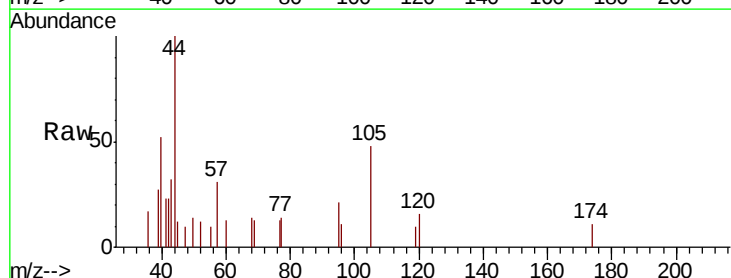
Acq: 23 Aug 2019 20:28

Tgt Ion: 105 Resp: 1025

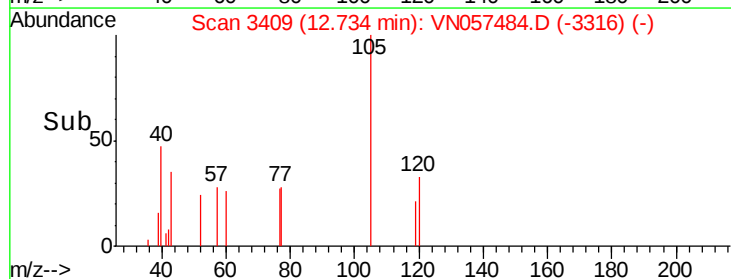
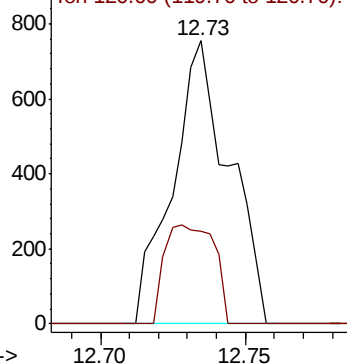
Ion Ratio Lower Upper

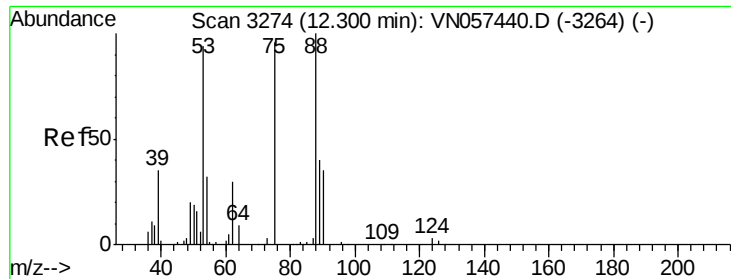
105 100

120 30.6 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): VN057484.D (-3409) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 113.998 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.10 min

Lab File: VN057484.D

Acq: 23 Aug 2019 20:28

Instrument :

MSVOA_N

ClientSampleId :

T1-S4(2.5)

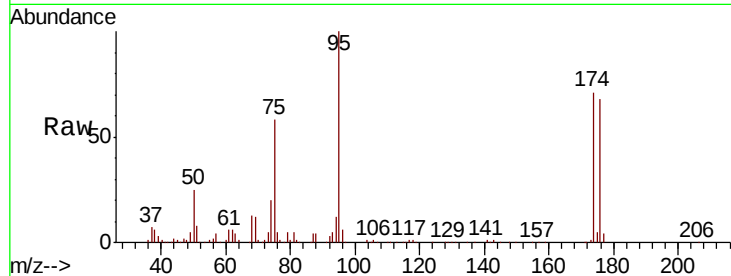
Tgt Ion: 75 Resp: 133177

Ion Ratio Lower Upper

75 100

53 0.3 82.7 124.1#

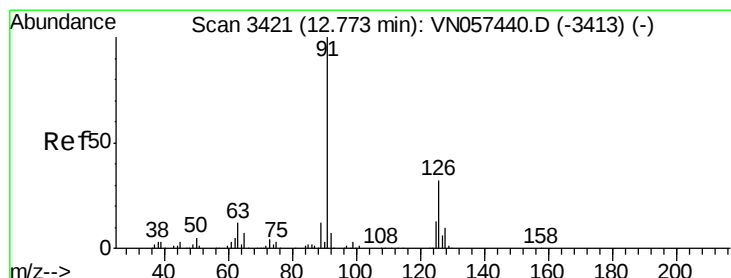
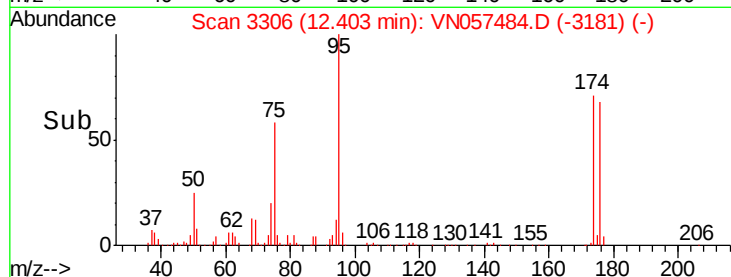
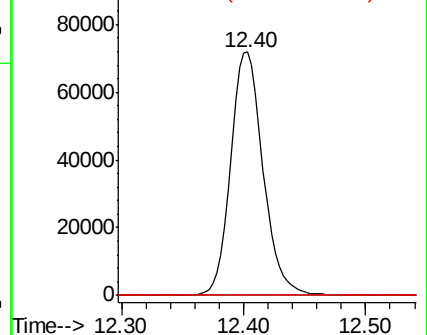
89 0.1 35.8 53.8#



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



#82

4-Chlorotoluene

Concen: Below Cal

RT: 12.78 min Scan# 3423

Delta R.T. 0.01 min

Lab File: VN057484.D

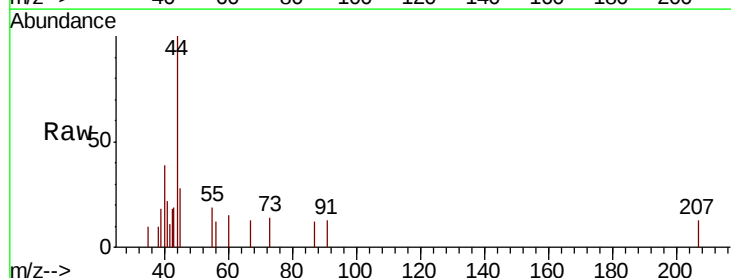
Acq: 23 Aug 2019 20:28

Tgt Ion: 91 Resp: 168

Ion Ratio Lower Upper

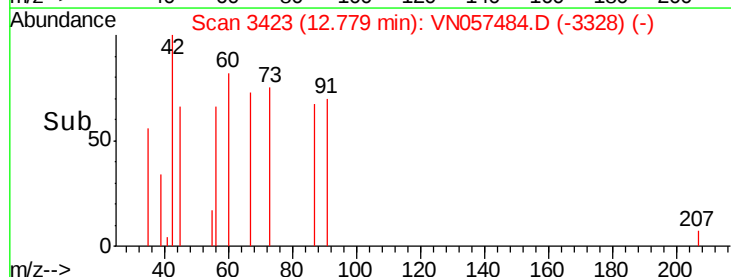
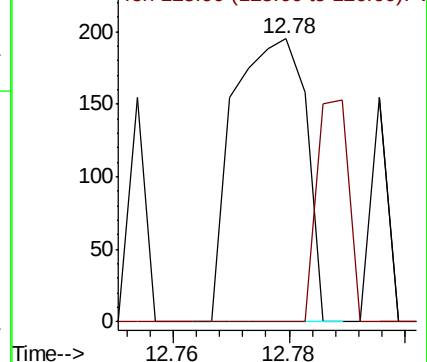
91 100

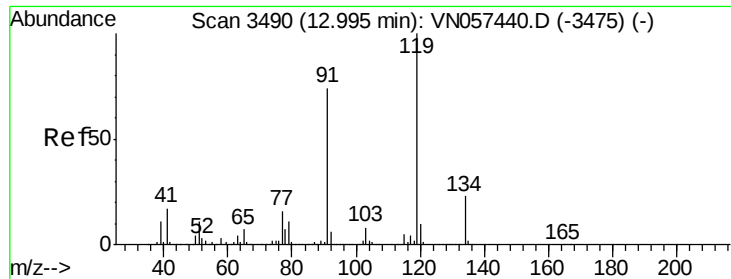
126 0.0 15.0 45.0#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

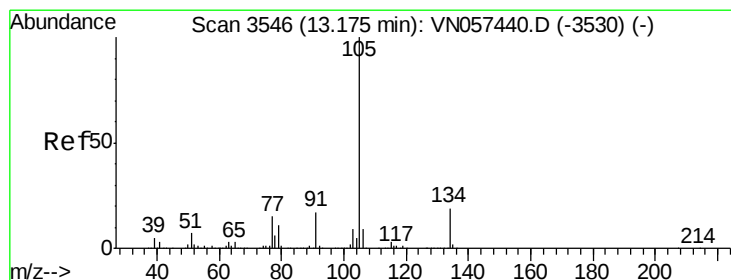
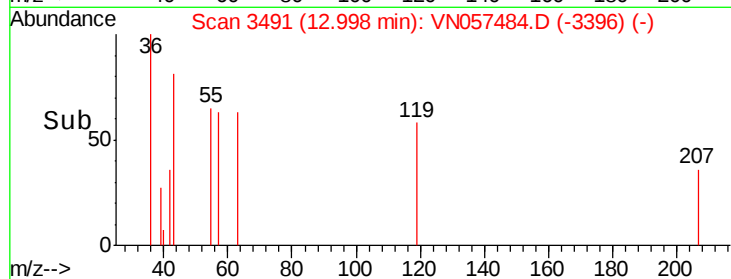
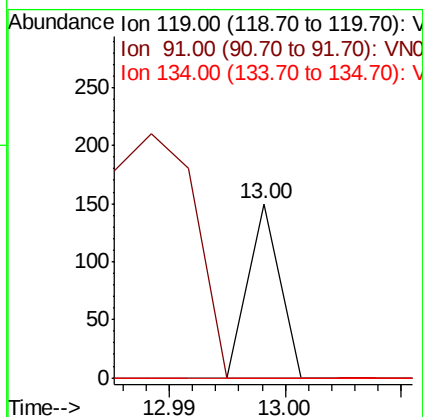
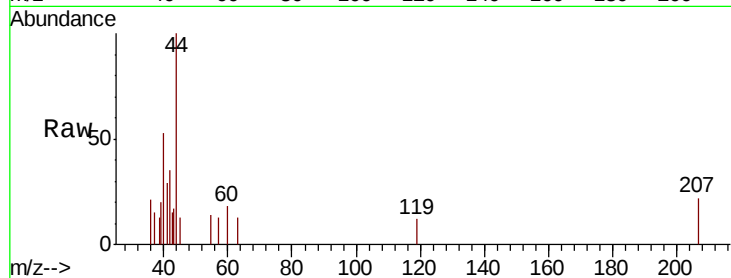




#83
tert-Butylbenzene
Concen: Below Cal
RT: 13.00 min Scan# 3491
Delta R.T. 0.00 min
Lab File: VN057484.D
Acq: 23 Aug 2019 20:28

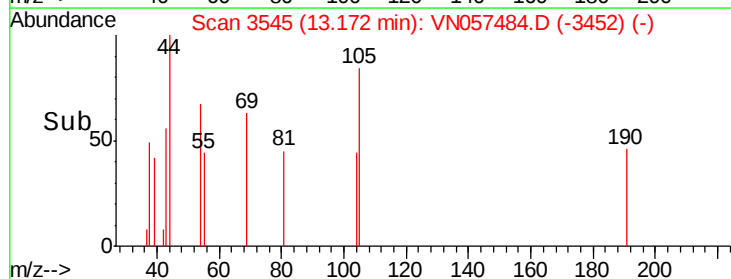
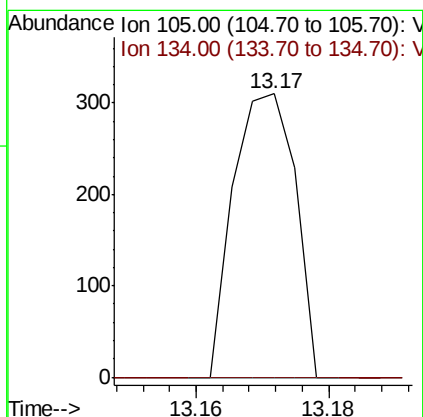
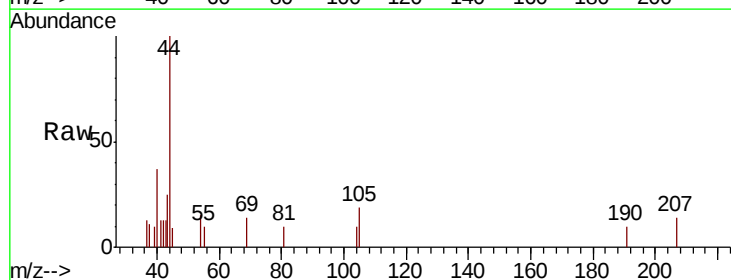
Instrument :
MSVOA_N
ClientSampled :
T1-S4(2.5)

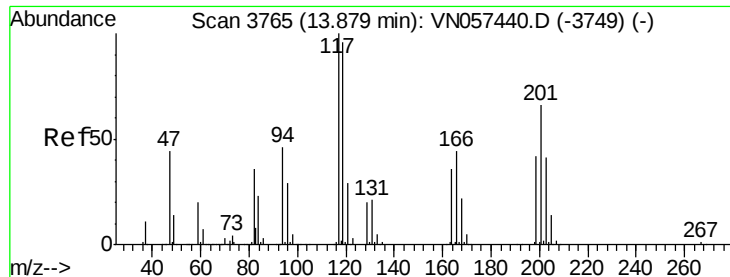
Tgt Ion:119 Resp: 29
Ion Ratio Lower Upper
119 100
91 379.3 37.0 111.0#
134 0.0 12.2 36.6#



#85
sec-Butylbenzene
Concen: Below Cal
RT: 13.17 min Scan# 3545
Delta R.T. -0.00 min
Lab File: VN057484.D
Acq: 23 Aug 2019 20:28

Tgt Ion:105 Resp: 202
Ion Ratio Lower Upper
105 100
134 0.0 9.3 27.9#





#90

Hexachloroethane

Concen: Below Cal

RT: 13.87 min Scan# 3761

Delta R.T. -0.01 min

Lab File: VN057484.D

Acq: 23 Aug 2019 20:28

Instrument :

MSVOA_N

ClientSampleId :

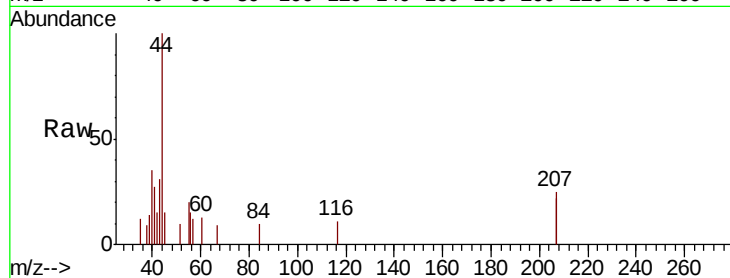
T1-S4(2.5)

Tgt Ion:117 Resp: 67

Ion Ratio Lower Upper

117 100

201 0.0 33.1 99.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

13.87

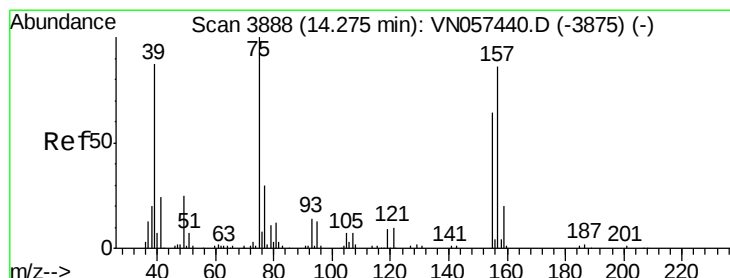
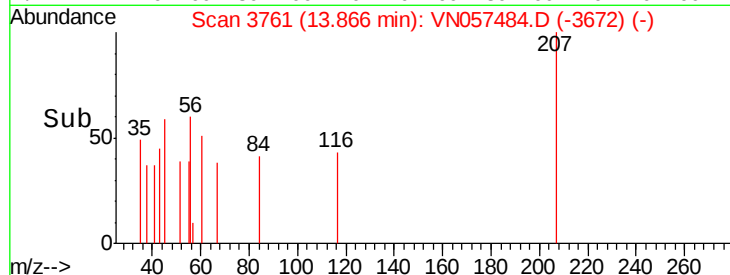
150

100

50

0

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.34 min Scan# 3909

Delta R.T. 0.07 min

Lab File: VN057484.D

Acq: 23 Aug 2019 20:28

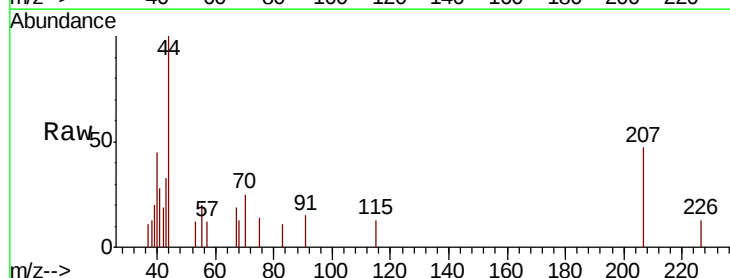
Tgt Ion: 75 Resp: 100

Ion Ratio Lower Upper

75 100

155 0.0 31.6 94.7#

157 0.0 43.3 129.8#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

14.34

200

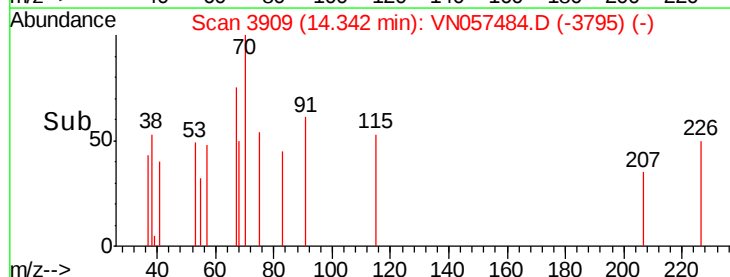
150

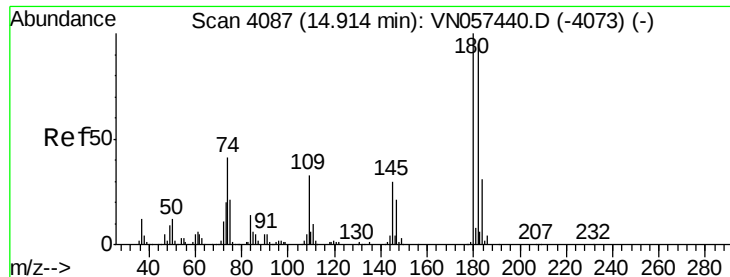
100

50

0

Time-->

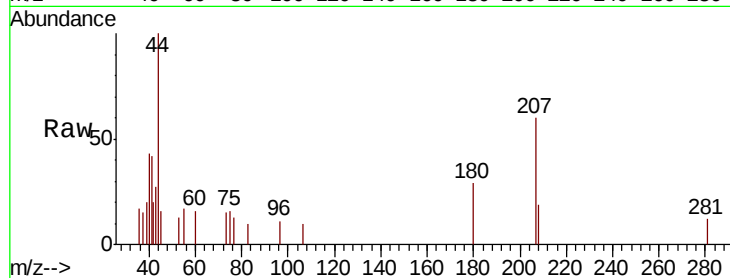




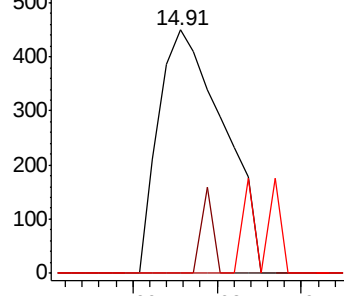
#93
 1,2,4-Trichlorobenzene
 Concen: 5.629 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN057484.D
 Acq: 23 Aug 2019 20:28

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-S4(2.5)

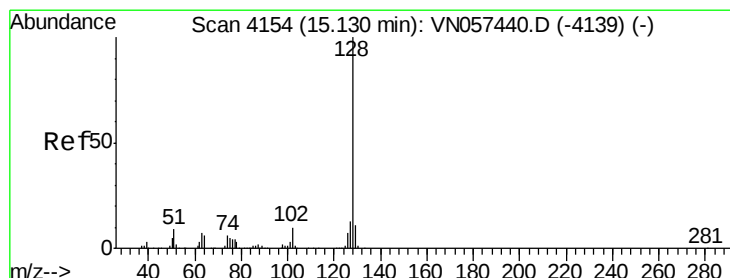
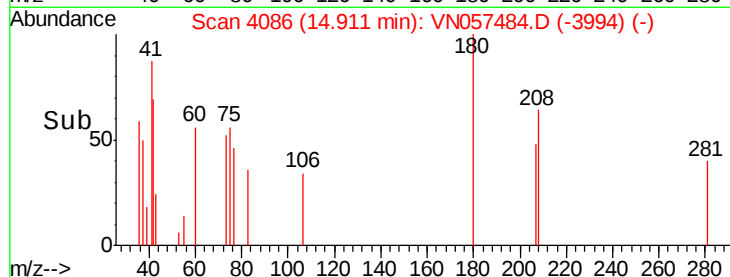
Tgt Ion:180 Resp: 482
 Ion Ratio Lower Upper
 180 100
 182 6.4 46.7 140.1#
 145 13.9 15.6 46.8#



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

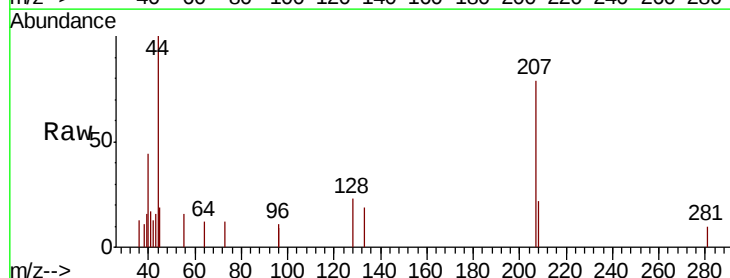


Time-->

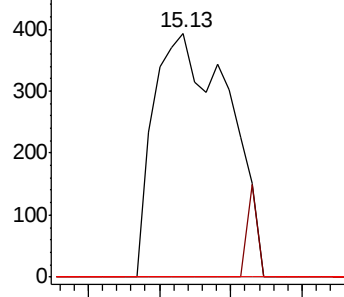


#95
 Naphthalene
 Concen: 4.437 ug/l
 RT: 15.13 min Scan# 4153
 Delta R.T. -0.00 min
 Lab File: VN057484.D
 Acq: 23 Aug 2019 20:28

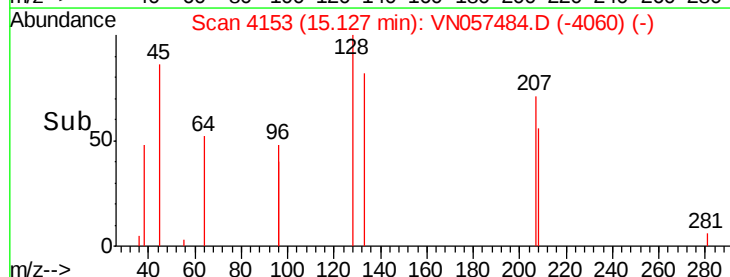
Tgt Ion:128 Resp: 573
 Ion Ratio Lower Upper
 128 100
 127 5.1 10.5 15.7#
 129 0.0 8.6 13.0#

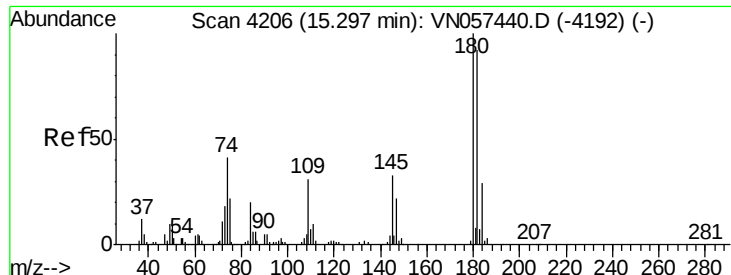


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V



Time-->





#96
 1,2,3-Trichlorobenzene
 Concen: 5.272 ug/l
 RT: 15.30 min Scan# 4207
 Delta R.T. 0.00 min
 Lab File: VN057484.D
 Acq: 23 Aug 2019 20:28

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-S4(2.5)

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.0	46.7	140.1
145	0.0	16.8	50.3#

