

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082419\
 Data File : VN057485.D
 Acq On : 23 Aug 2019 20:53
 Operator : JC/SP
 Sample : K4472-29
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S1(0)

Quant Time: Aug 26 05:14:09 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	384898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	666575	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	543557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	124764	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	319318	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	
35) Dibromofluoromethane	7.57	113	215344	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
50) Toluene-d8	10.09	98	828185	48.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.30%	
62) 4-Bromofluorobenzene	12.40	95	220496	38.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.44%	

Target Compounds					Qvalue
5) Bromomethane	2.55	94	1202	0.247 ug/l #	45
8) Diethyl Ether	3.34	74	193	Below Cal	68
9) 1,1,2-Trichlorotrifluoroet	3.72	101	112	Below Cal #	45
11) Tert butyl alcohol	4.73	59	1417	1.684 ug/l #	92
16) Acetone	3.79	43	29797	9.583 ug/l	97
18) Methyl Acetate	4.31	43	9314	0.442 ug/l #	85
20) Methylene Chloride	4.53	84	7942	1.650 ug/l	96
31) Cyclohexane	7.65	56	12733	1.339 ug/l #	25
36) 1,1-Dichloropropene	7.65	75	37345	5.483 ug/l #	51
38) Carbon Tetrachloride	7.65	117	42976	6.351 ug/l #	16
43) Isopropyl Acetate	8.16	43	92388	7.486 ug/l	99
46) Dibromomethane	9.18	93	70	Below Cal #	10
48) Methyl methacrylate	9.18	41	5788	0.986 ug/l #	18
49) 1,4-Dioxane	9.01	88	29	0.382 ug/l #	1
51) 4-Methyl-2-Pentanone	9.98	43	6818	0.991 ug/l	99
54) cis-1,3-Dichloropropene	9.90	75	37898	4.278 ug/l #	59
57) 1,3-Dichloropropane	10.76	76	5548	0.669 ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.66	63	30	17.078 ug/l #	52
59) 2-Hexanone	10.76	43	78215	16.580 ug/l #	54
73) Isopropylbenzene	12.15	105	31	Below Cal #	50
74) N-amyl acetate	12.03	43	2313	Below Cal #	48
75) 1,1,2,2-Tetrachloroethane	12.50	83	214	Below Cal #	40
76) 1,2,3-Trichloropropane	12.40	75	125960	45.257 ug/l #	100
77) Bromobenzene	12.54	156	32	Below Cal #	1
78) n-propylbenzene	12.61	91	209	Below Cal #	55
79) 2-Chlorotoluene	12.68	91	164	Below Cal #	44
80) 1,3,5-Trimethylbenzene	12.72	105	475	Below Cal	69
81) trans-1,4-Dichloro-2-buten	12.40	75	125960	115.972 ug/l #	8
82) 4-Chlorotoluene	12.78	91	151	Below Cal #	45
83) tert-Butylbenzene	13.01	119	125	Below Cal #	73
85) sec-Butylbenzene	13.17	105	463	Below Cal	95
90) Hexachloroethane	13.93	117	32	Below Cal #	17
92) 1,2-Dibromo-3-Chloropropan	14.24	75	30	Below Cal #	11
93) 1,2,4-Trichlorobenzene	14.91	180	74	5.414 ug/l #	13

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ClientSampleId :
T2-S1(0)

Quant Time: Aug 26 05:14:09 2019
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Quant Title : SW846 8260
QLast Update : Fri Aug 23 05:07:29 2019
Response via : Initial Calibration

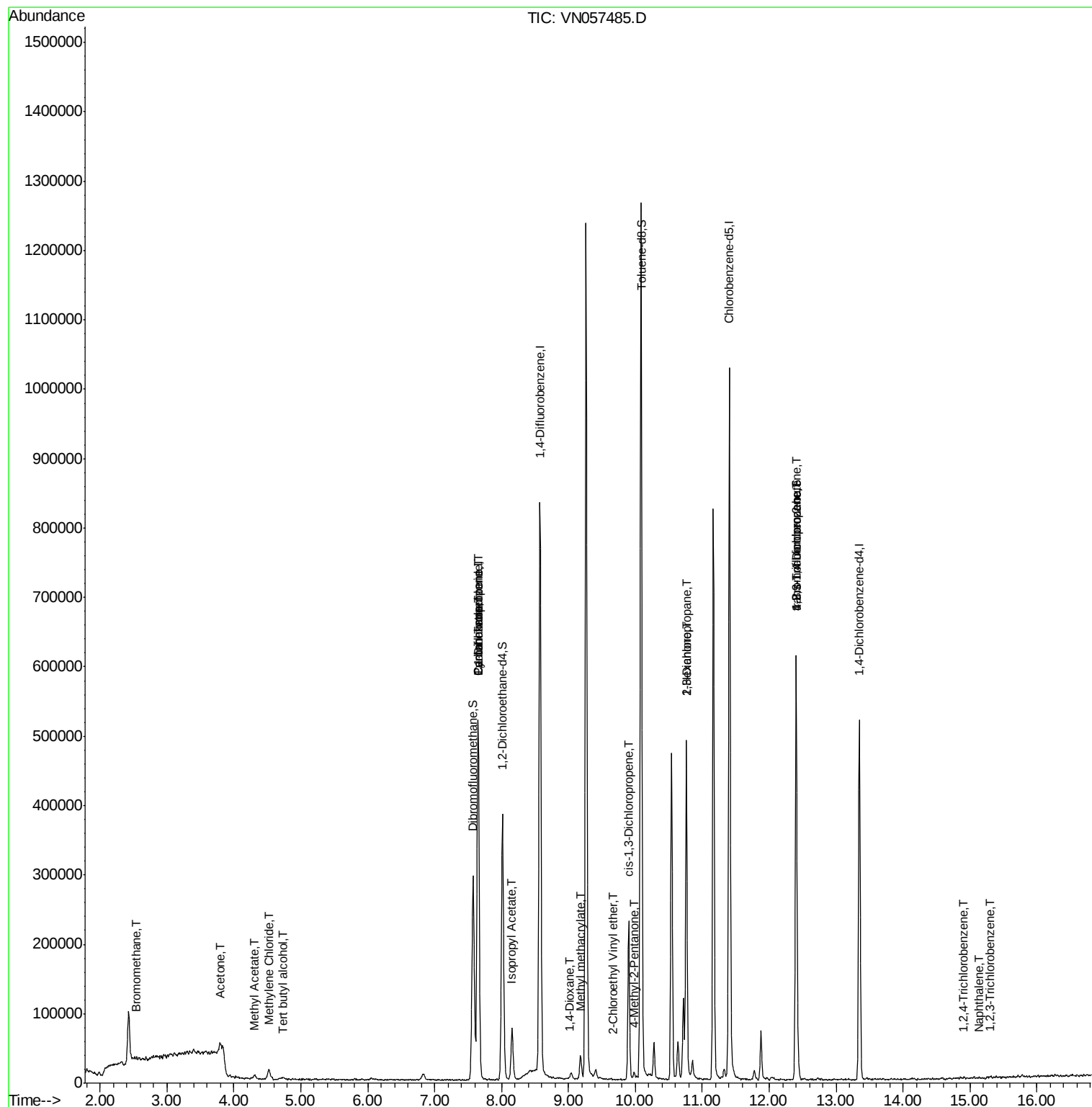
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.13	128	528	4.436	ug/l #	79
96) 1,2,3-Trichlorobenzene	15.30	180	312	5.295	ug/l #	13

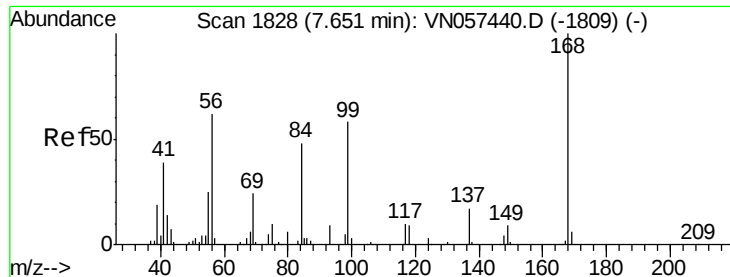
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VN057485.D

Acq: 23 Aug 2019 20:53

Instrument :

MSVOA_N

ClientSampleId :

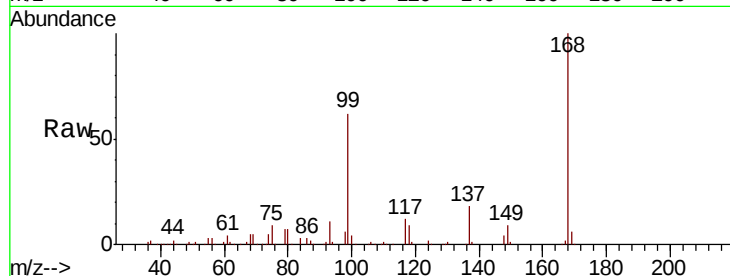
T2-S1(0)

Tgt Ion:168 Resp: 384898

Ion Ratio Lower Upper

168 100

99 61.8 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

150000

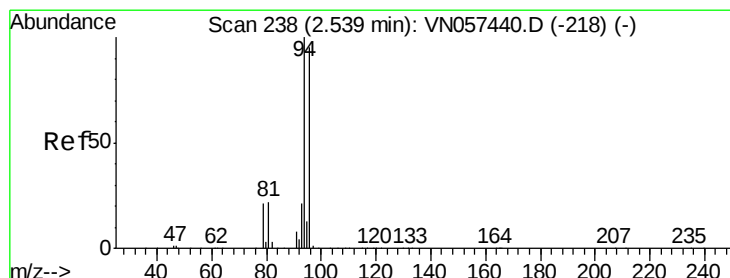
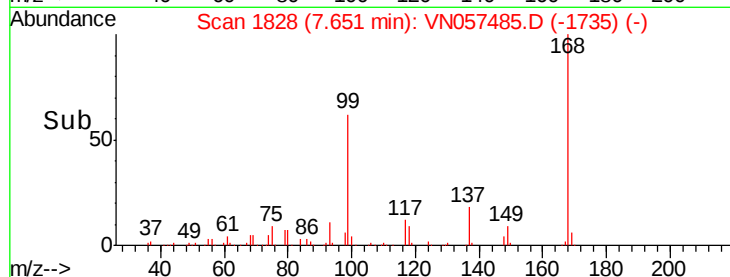
100000

50000

0

7.60 7.70

Time-->



#5

Bromomethane

Concen: 0.247 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN057485.D

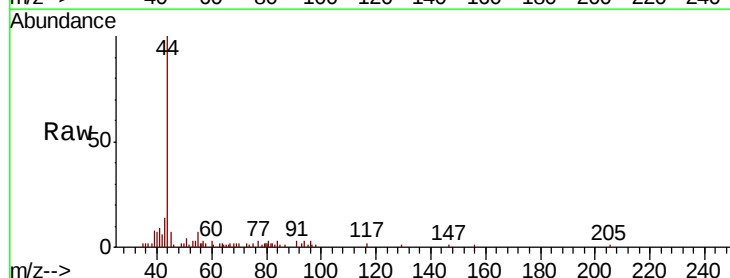
Acq: 23 Aug 2019 20:53

Tgt Ion: 94 Resp: 1202

Ion Ratio Lower Upper

94 100

96 42.0 76.2 114.4#



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.55

600

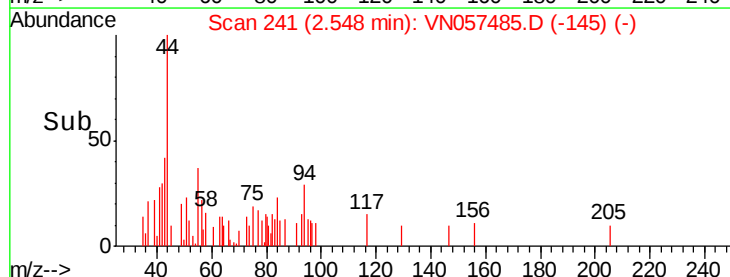
400

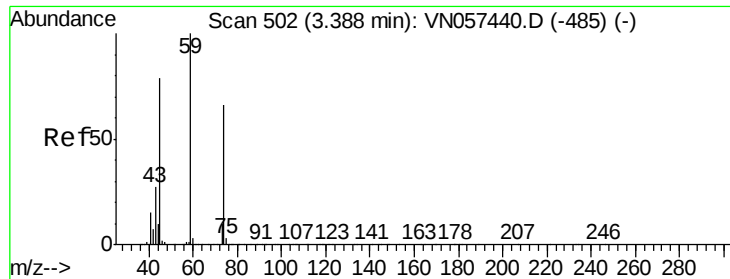
200

0

2.50 2.55 2.60

Time-->





#8

Diethyl Ether

Concen: Below Cal

RT: 3.34 min Scan# 487

Delta R.T. -0.05 min

Lab File: VN057485.D

Acq: 23 Aug 2019 20:53

Instrument :

MSVOA_N

ClientSampleId :

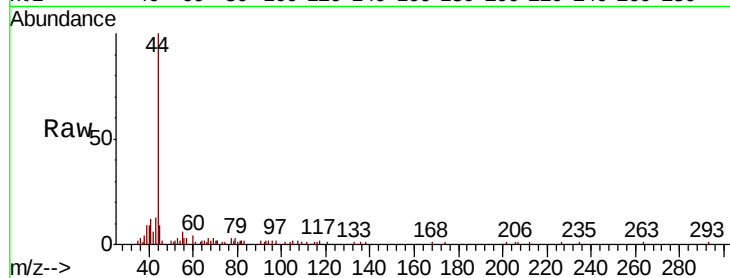
T2-S1(0)

Tgt Ion: 74 Resp: 193

Ion Ratio Lower Upper

74 100

45 81.3 57.9 173.6



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0

1500

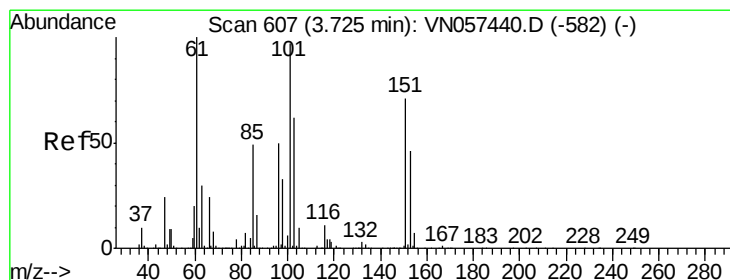
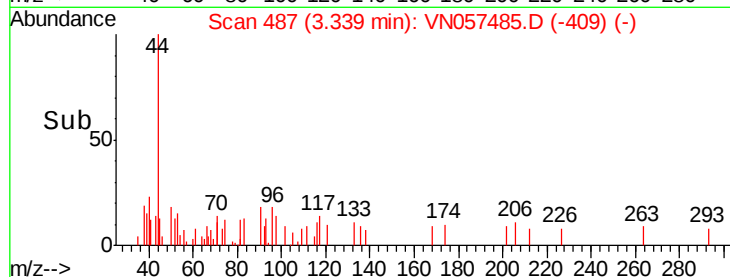
1000

500

0

3.33 3.34 3.35

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: Below Cal

RT: 3.72 min Scan# 606

Delta R.T. -0.00 min

Lab File: VN057485.D

Acq: 23 Aug 2019 20:53

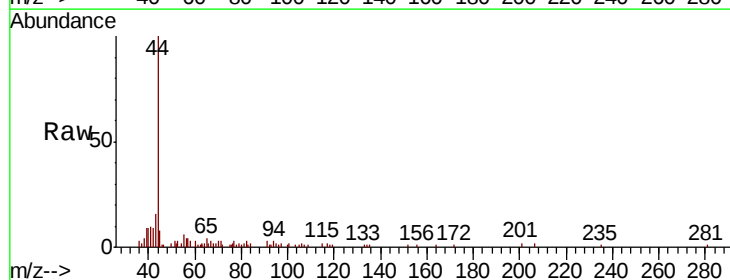
Tgt Ion: 101 Resp: 112

Ion Ratio Lower Upper

101 100

85 57.1 40.0 60.0

151 0.0 57.0 85.6#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V

600

500

400

300

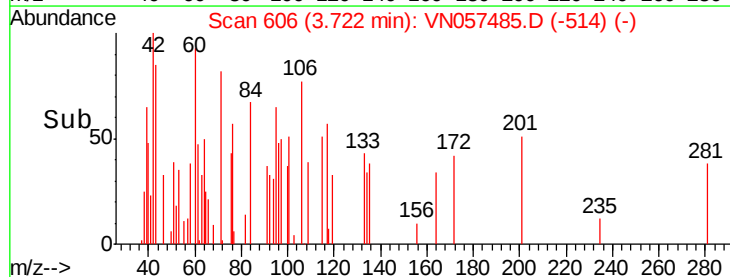
200

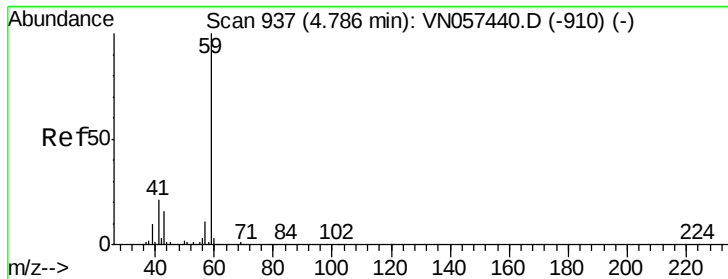
100

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3.71 3.72 3.73

Time-->

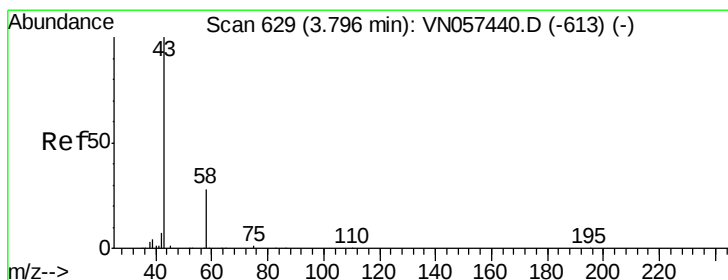
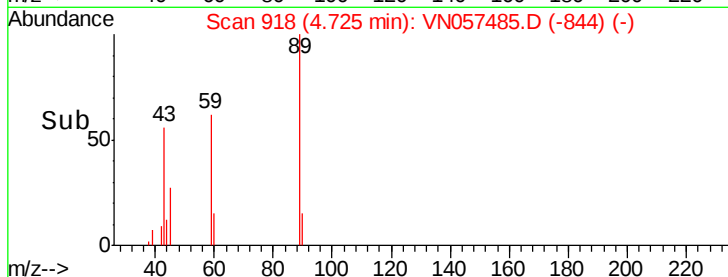
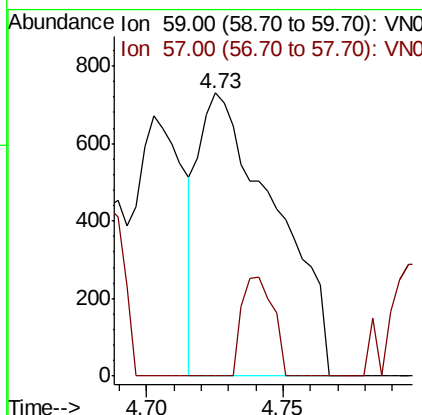
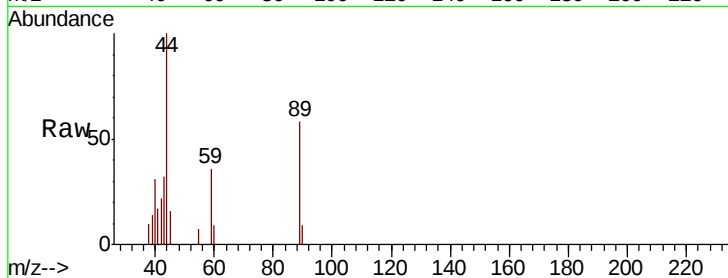




#11
Tert butyl alcohol
Concen: 1.684 ug/l
RT: 4.73 min Scan# 918
Delta R.T. -0.06 min
Lab File: VN057485.D
Acq: 23 Aug 2019 20:53

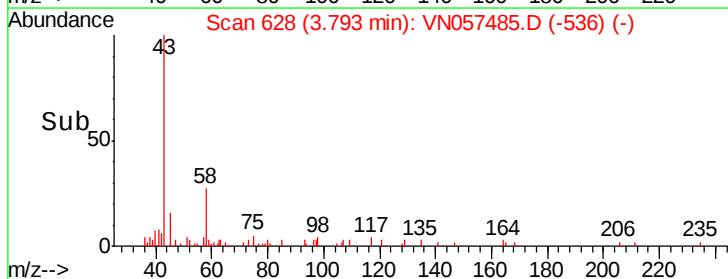
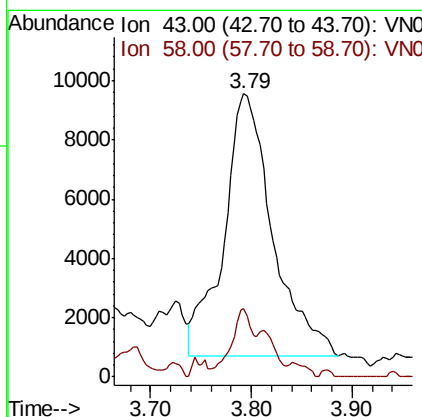
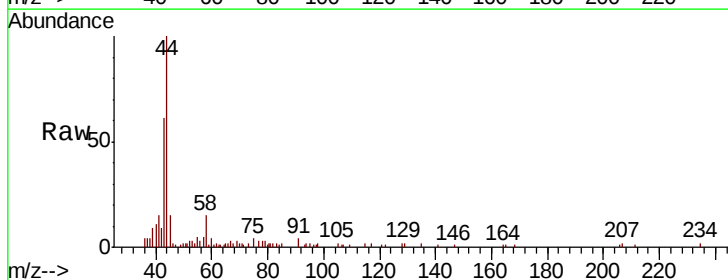
Instrument :
MSVOA_N
ClientSampleId :
T2-S1(0)

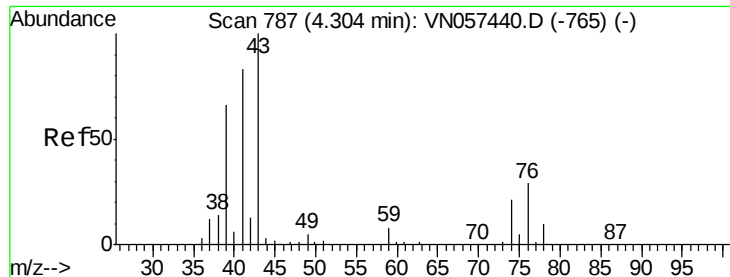
Tgt Ion: 59 Resp: 1417
Ion Ratio Lower Upper
59 100
57 14.3 9.1 13.7#



#16
Acetone
Concen: 9.583 ug/l
RT: 3.79 min Scan# 628
Delta R.T. -0.00 min
Lab File: VN057485.D
Acq: 23 Aug 2019 20:53

Tgt Ion: 43 Resp: 29797
Ion Ratio Lower Upper
43 100
58 26.2 22.1 33.1





#18

Methyl Acetate

Concen: 0.442 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.01 min

Lab File: VN057485.D

Acq: 23 Aug 2019 20:53

Instrument :

MSVOA_N

ClientSampleId :

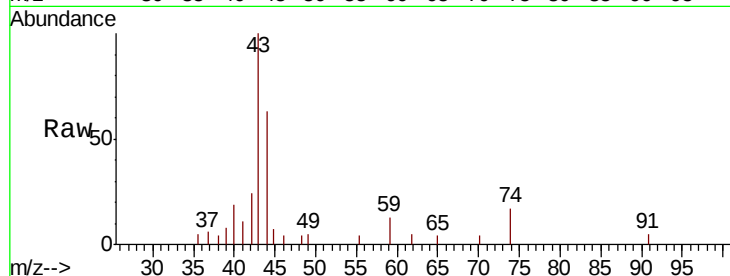
T2-S1(0)

Tgt Ion: 43 Resp: 9314

Ion Ratio Lower Upper

43 100

74 13.0 15.9 23.9#



Abundance Ion 43.00 (42.70 to 43.70): VN057440.D (-765) (-)

Ion 74.00 (73.70 to 74.70): VN057440.D (-765) (-)

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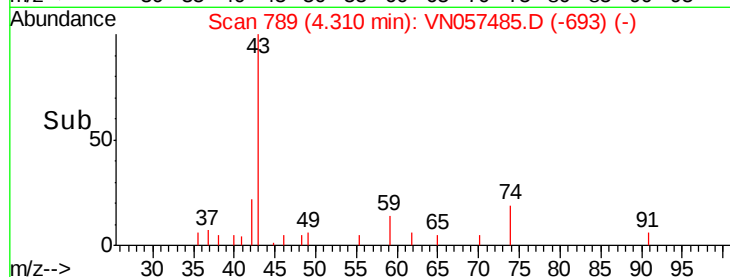
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Abundance Ion 43.00 (42.70 to 43.70): VN057485.D (-693) (-)

Ion 74.00 (73.70 to 74.70): VN057485.D (-693) (-)

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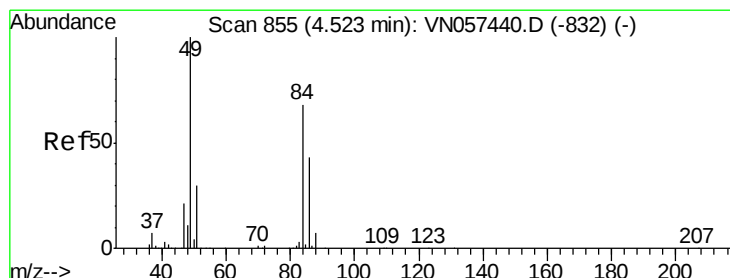
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#20

Methylene Chloride

Concen: 1.650 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN057485.D

Acq: 23 Aug 2019 20:53

Tgt Ion: 84 Resp: 7942

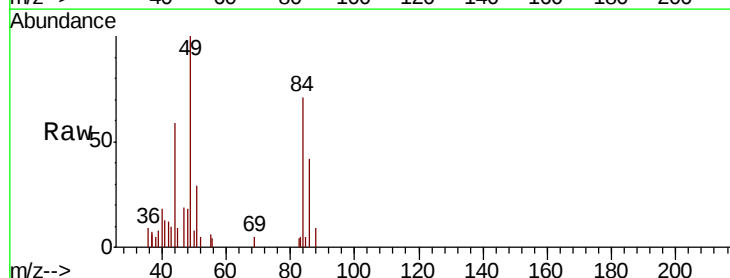
Ion Ratio Lower Upper

84 100

49 141.0 117.0 175.4

51 40.6 35.5 53.3

86 58.9 49.8 74.8



Abundance Ion 83.90 (83.60 to 84.60): VN057440.D (-832) (-)

Ion 48.90 (48.60 to 49.60): VN057440.D (-832) (-)

Ion 50.90 (50.60 to 51.60): VN057440.D (-832) (-)

Ion 85.90 (85.60 to 86.60): VN057440.D (-832) (-)

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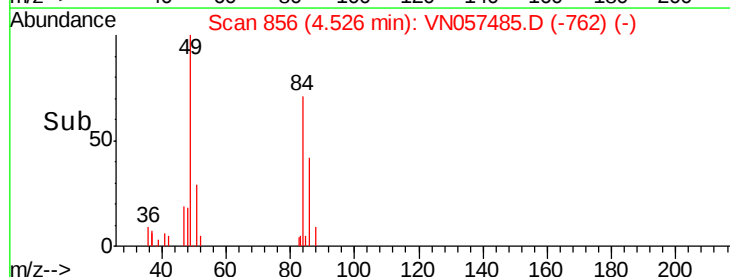
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Abundance Ion 83.90 (83.60 to 84.60): VN057485.D (-762) (-)

Ion 48.90 (48.60 to 49.60): VN057485.D (-762) (-)

Ion 50.90 (50.60 to 51.60): VN057485.D (-762) (-)

Ion 85.90 (85.60 to 86.60): VN057485.D (-762) (-)

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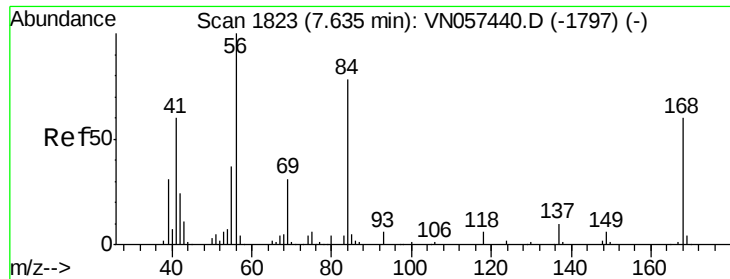
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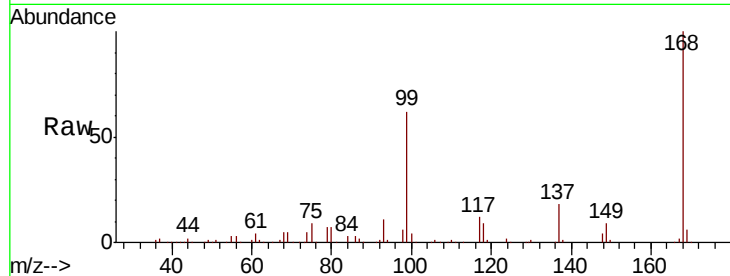
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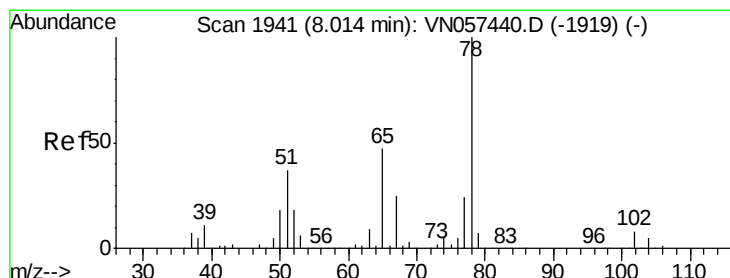
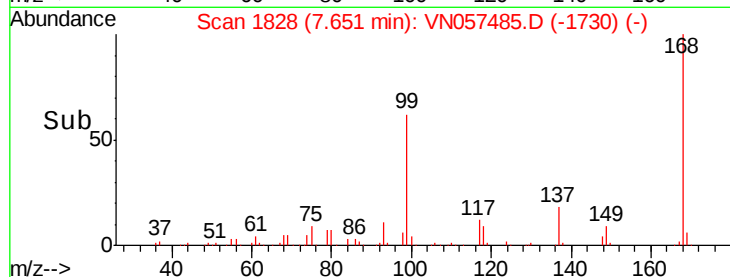
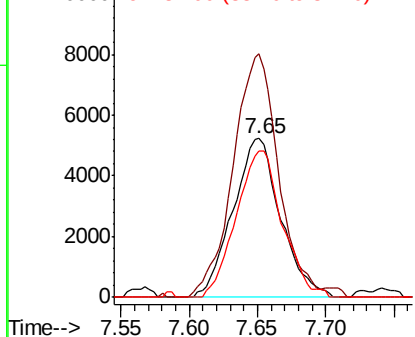
#31
Cyclohexane
Concen: 1.339 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.02 min
Lab File: VN057485.D
Acq: 23 Aug 2019 20:53

Instrument :
MSVOA_N
ClientSampled :
T2-S1(0)

Tgt Ion: 56 Resp: 12733
Ion Ratio Lower Upper
56 100
69 153.4 25.0 37.6#
84 92.6 62.5 93.7

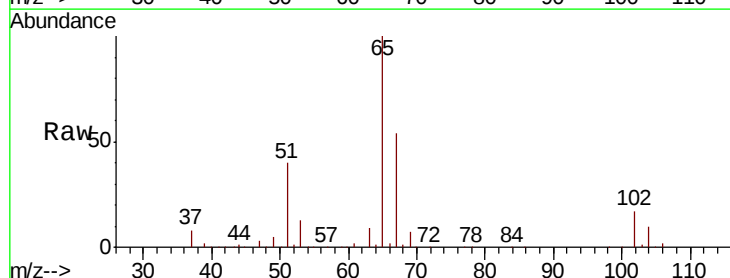


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

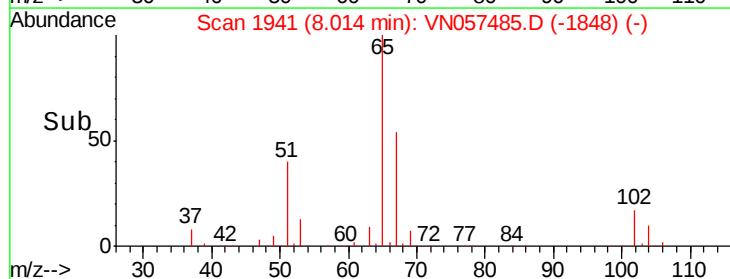
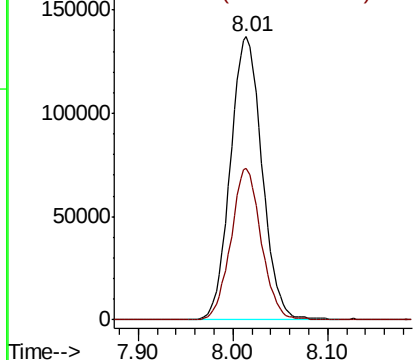


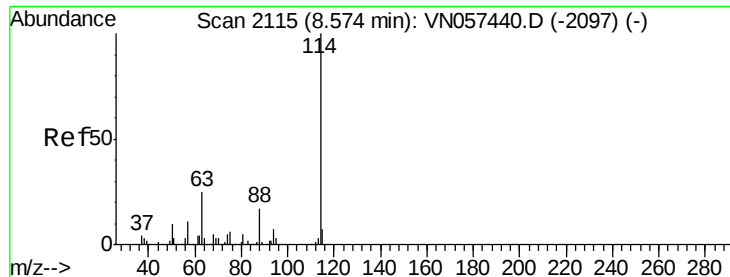
#33
1,2-Dichloroethane-d4
Concen: 47.161 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VN057485.D
Acq: 23 Aug 2019 20:53

Tgt Ion: 65 Resp: 319318
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.8



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

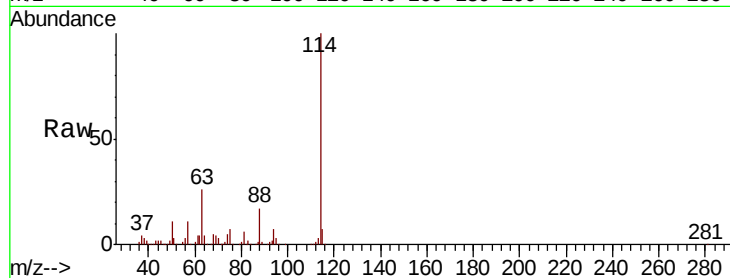




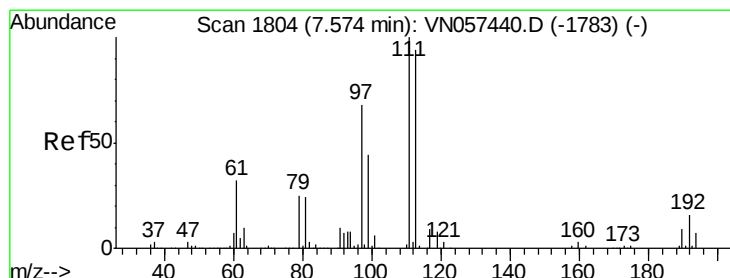
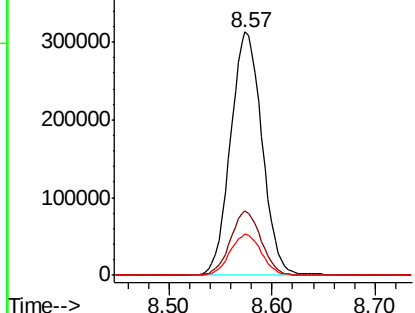
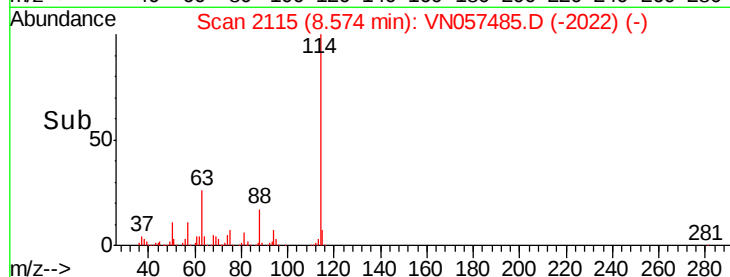
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057485.D
 Acq: 23 Aug 2019 20:53

Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S1(0)

Tgt Ion:114 Resp: 666575
 Ion Ratio Lower Upper
 114 100
 63 26.3 0.0 50.2
 88 16.8 0.0 34.6

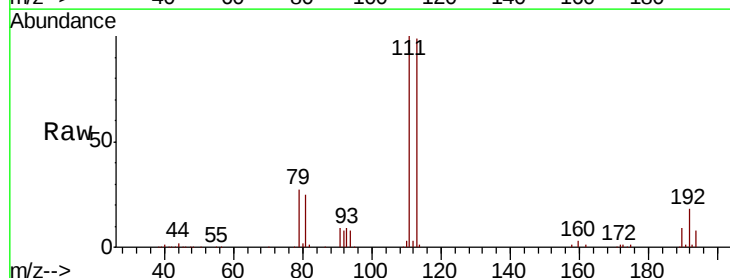


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

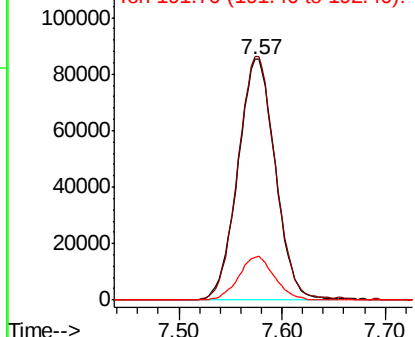
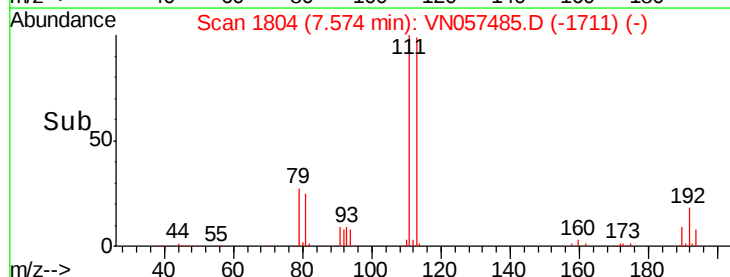


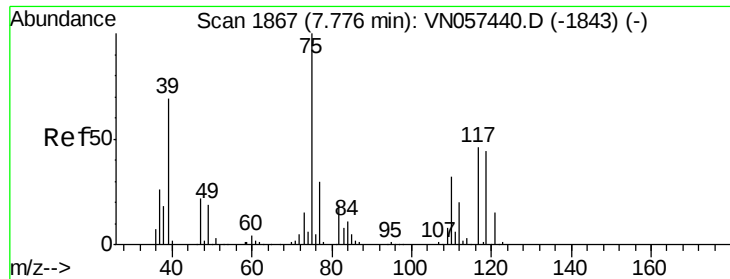
#35
 Dibromofluoromethane
 Concen: 47.828 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN057485.D
 Acq: 23 Aug 2019 20:53

Tgt Ion:113 Resp: 215344
 Ion Ratio Lower Upper
 113 100
 111 100.7 83.8 125.6
 192 17.3 13.5 20.3



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

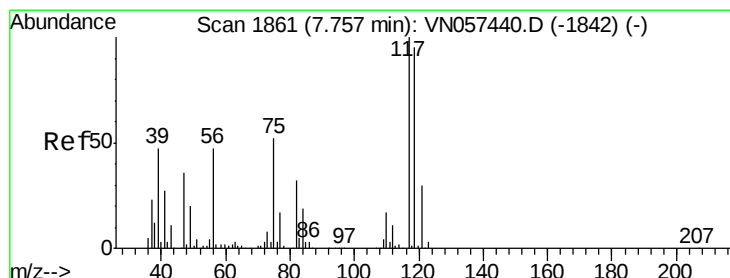
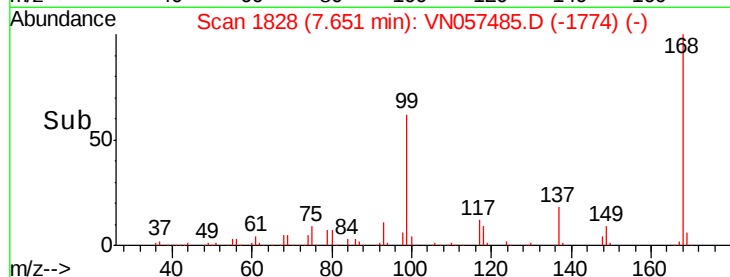
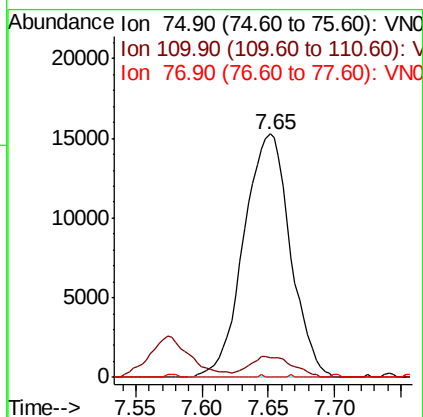
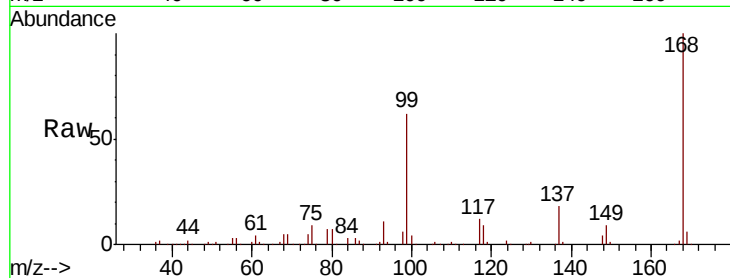




#36
 1,1-Dichloropropene
 Concen: 5.483 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN057485.D
 Acq: 23 Aug 2019 20:53

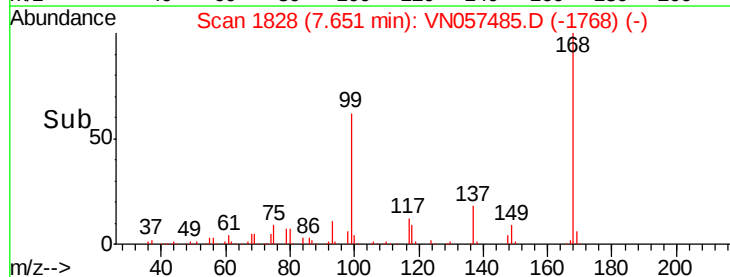
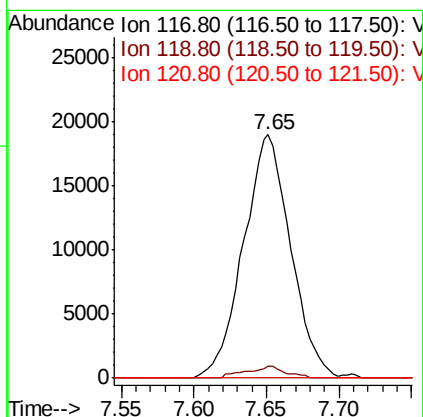
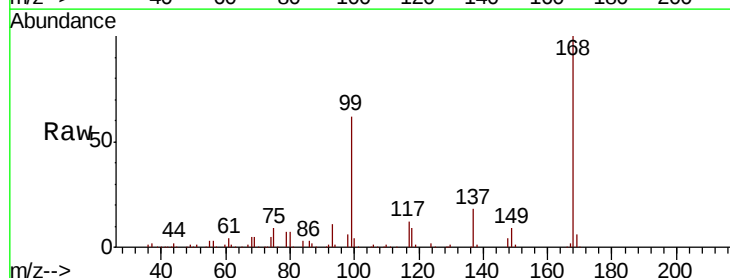
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S1(0)

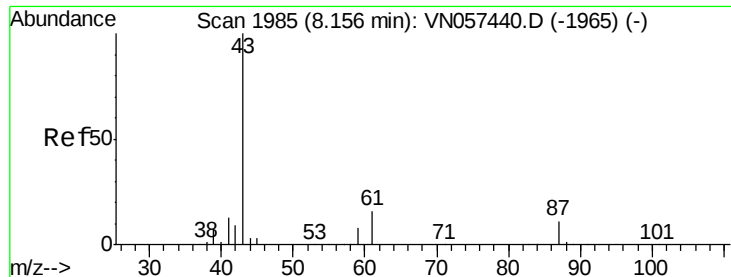
Tgt Ion: 75 Resp: 37345
 Ion Ratio Lower Upper
 75 100
 110 8.2 16.1 48.3#
 77 0.1 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.351 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.11 min
 Lab File: VN057485.D
 Acq: 23 Aug 2019 20:53

Tgt Ion: 117 Resp: 42976
 Ion Ratio Lower Upper
 117 100
 119 4.7 76.2 114.4#
 121 0.0 23.8 35.6#





#43

Isopropyl Acetate

Concen: 7.486 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN057485.D

Acq: 23 Aug 2019 20:53

Instrument :

MSVOA_N

ClientSampled :

T2-S1(0)

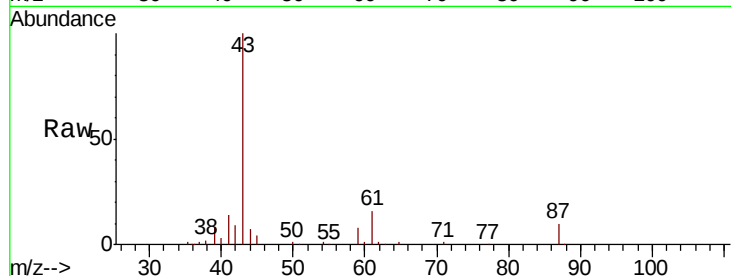
Tgt Ion: 43 Resp: 92388

Ion Ratio Lower Upper

43 100

61 18.0 14.5 21.7

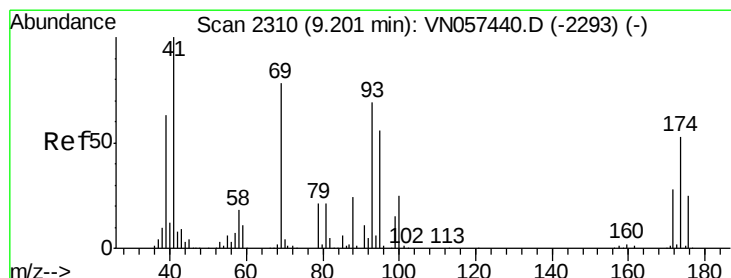
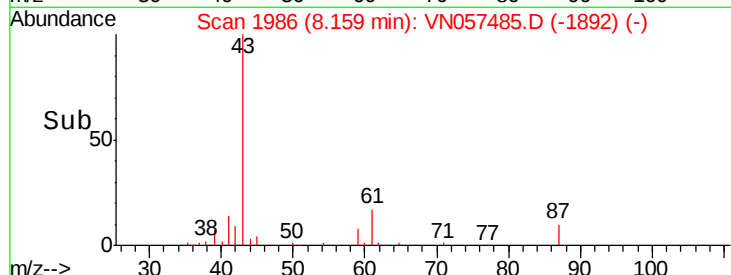
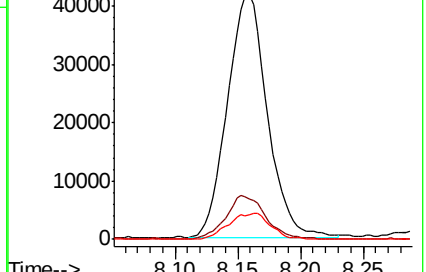
87 11.3 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VN057440.D (-1965) (-)

Ion 61.00 (60.70 to 61.70): VN057440.D (-1965) (-)

Ion 87.00 (86.70 to 87.70): VN057440.D (-1965) (-)



#46

Dibromomethane

Concen: Below Cal

RT: 9.18 min Scan# 2305

Delta R.T. -0.02 min

Lab File: VN057485.D

Acq: 23 Aug 2019 20:53

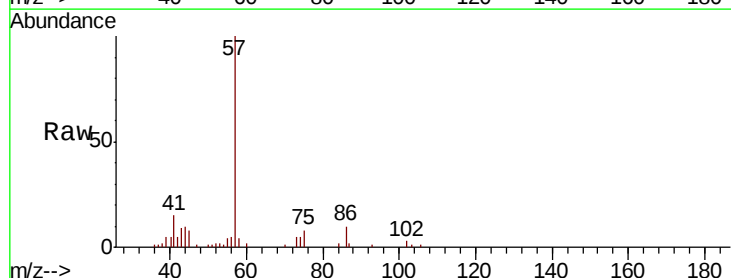
Tgt Ion: 93 Resp: 70

Ion Ratio Lower Upper

93 100

95 0.0 64.7 97.1#

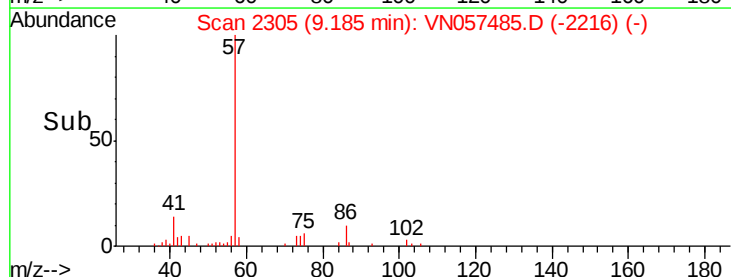
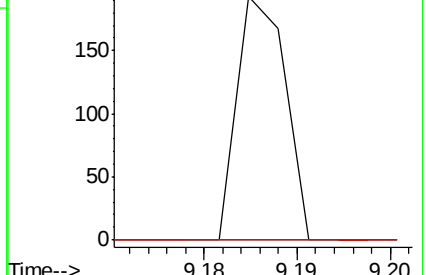
174 0.0 62.3 93.5#

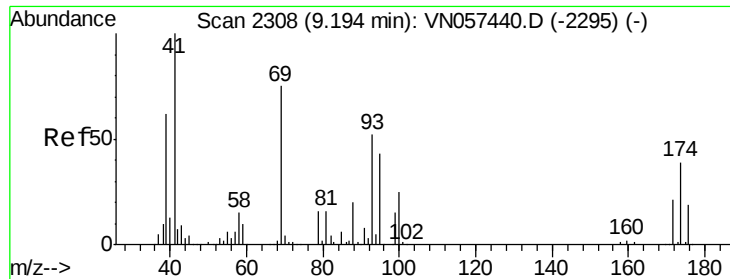


Abundance Ion 92.80 (92.50 to 93.50): VN057440.D (-2293) (-)

Ion 94.80 (94.50 to 95.50): VN057440.D (-2293) (-)

Ion 173.70 (173.40 to 174.40): VN057440.D (-2293) (-)

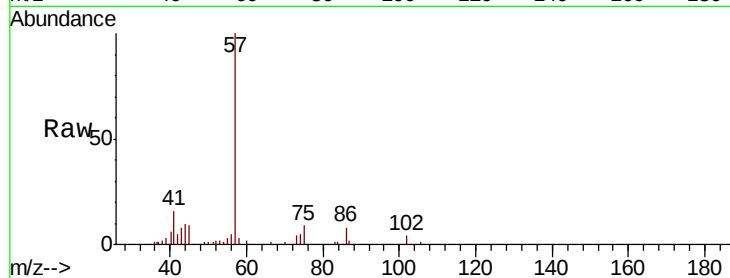




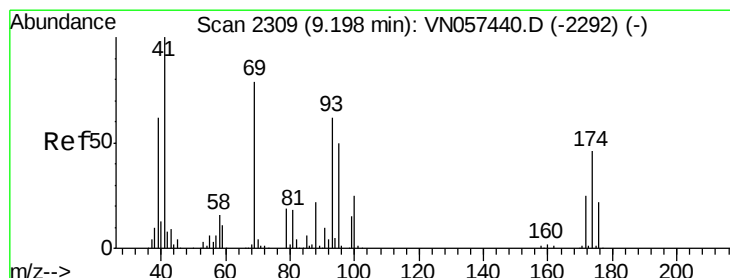
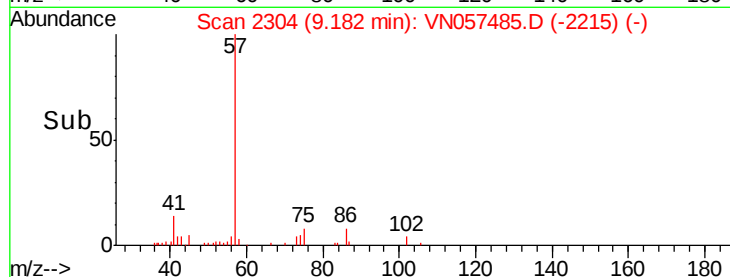
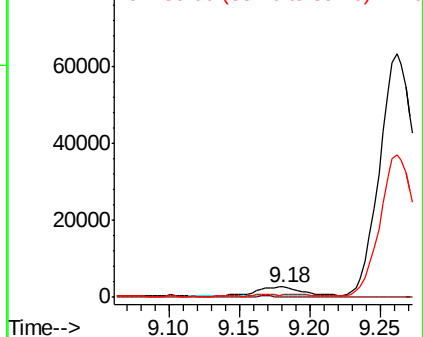
#48
Methyl methacrylate
Concen: 0.986 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.01 min
Lab File: VN057485.D
Acq: 23 Aug 2019 20:53

Instrument :
MSVOA_N
ClientSampled :
T2-S1(0)

Tgt Ion: 41 Resp: 5788
Ion Ratio Lower Upper
41 100
69 4.6 59.3 88.9#
39 0.0 50.6 75.8#

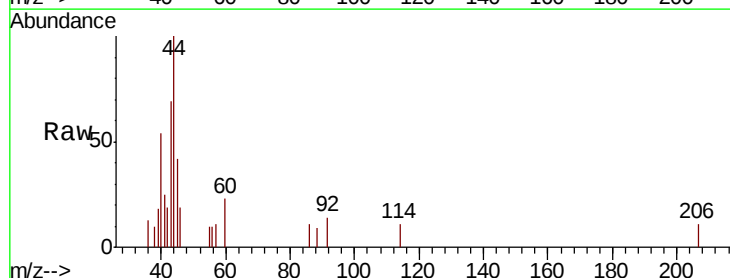


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

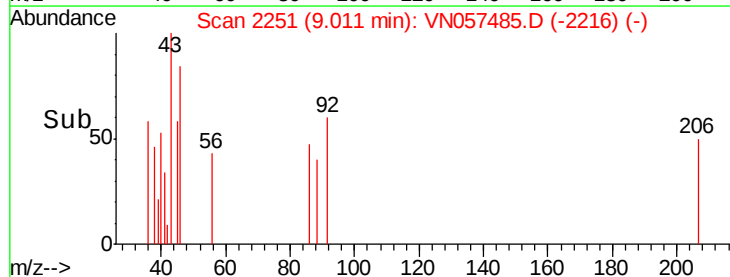
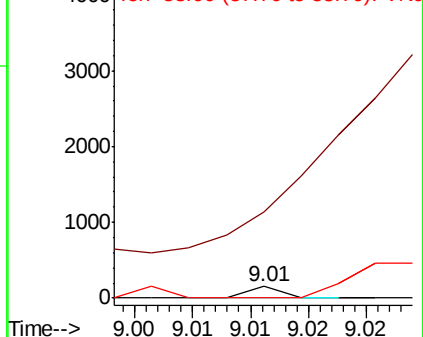


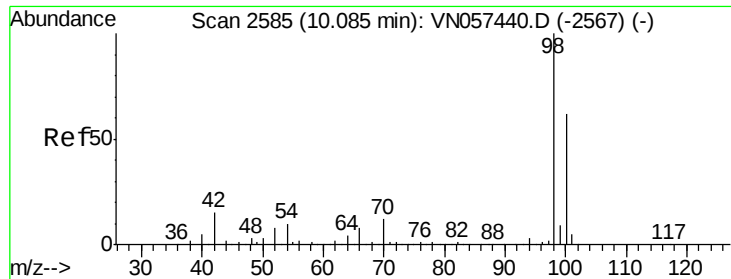
#49
1,4-Dioxane
Concen: 0.382 ug/l
RT: 9.01 min Scan# 2251
Delta R.T. -0.19 min
Lab File: VN057485.D
Acq: 23 Aug 2019 20:53

Tgt Ion: 88 Resp: 29
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.6#
58 1096.6 64.5 96.7#



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





#50

Toluene-d8

Concen: 48.646 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057485.D

Acq: 23 Aug 2019 20:53

Instrument :

MSVOA_N

ClientSampled :

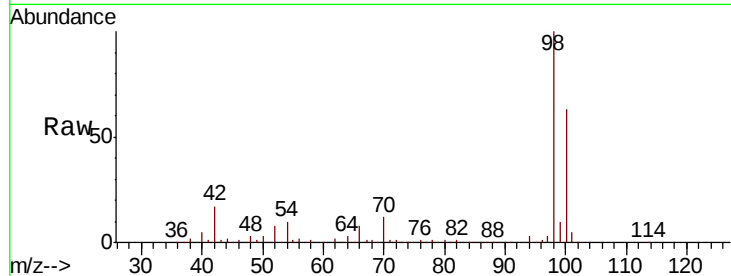
T2-S1(0)

Tgt Ion: 98 Resp: 828185

Ion Ratio Lower Upper

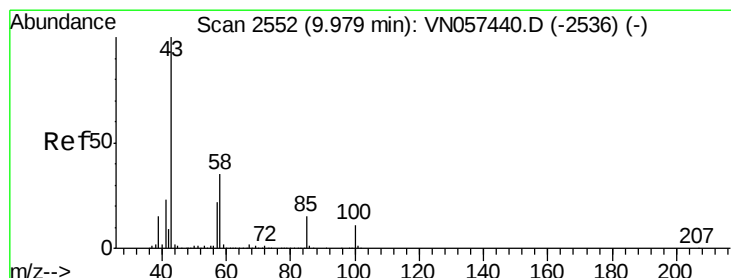
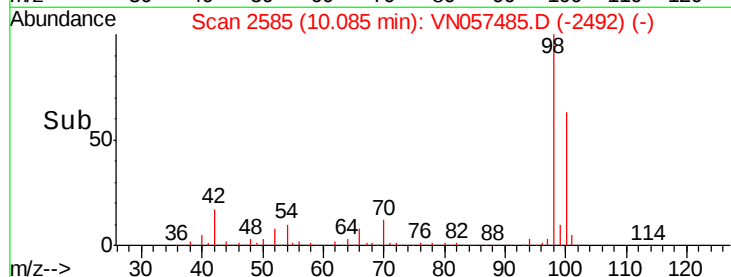
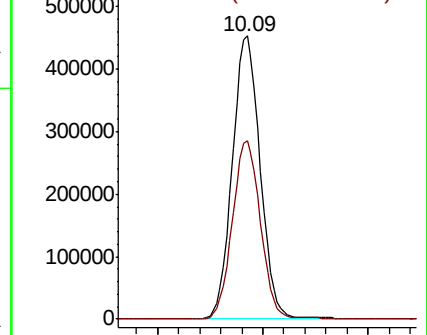
98 100

100 63.7 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#51

4-Methyl-2-Pentanone

Concen: 0.991 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN057485.D

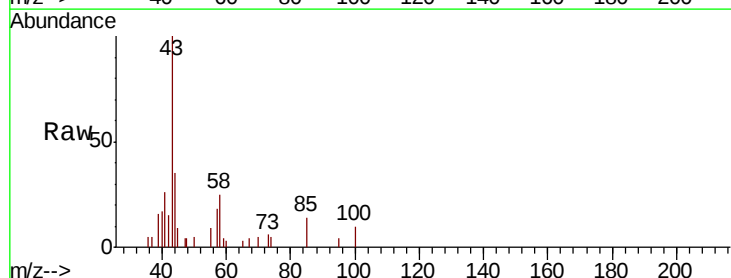
Acq: 23 Aug 2019 20:53

Tgt Ion: 43 Resp: 6818

Ion Ratio Lower Upper

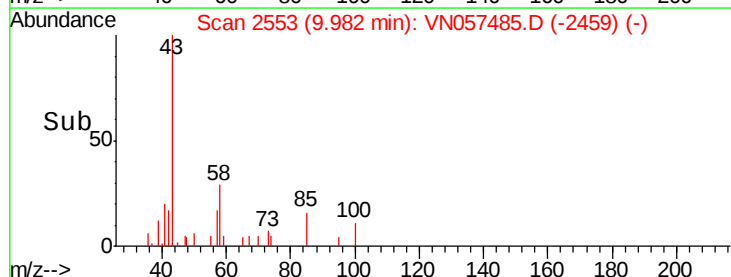
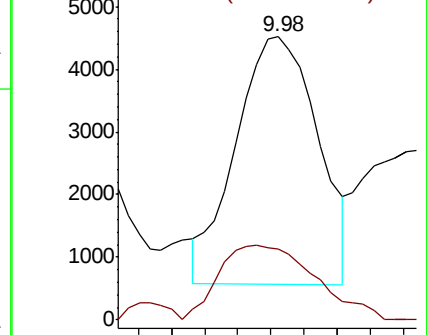
43 100

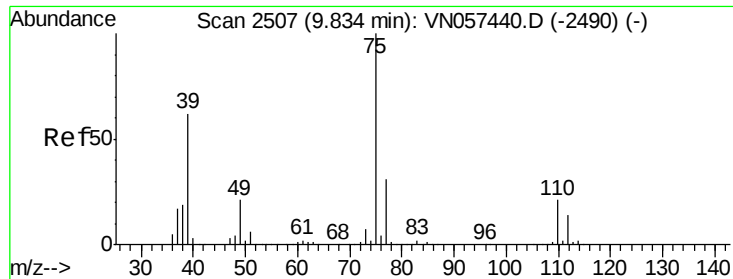
58 35.4 27.9 41.9



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: 4.278 ug/l

RT: 9.90 min Scan# 2528

Delta R.T. 0.07 min

Lab File: VN057485.D

Acq: 23 Aug 2019 20:53

Instrument :

MSVOA_N

ClientSampleId :

T2-S1(0)

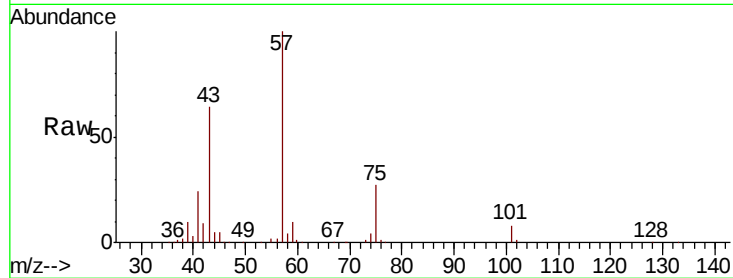
Tgt Ion: 75 Resp: 37898

Ion Ratio Lower Upper

75 100

77 1.2 25.0 37.6#

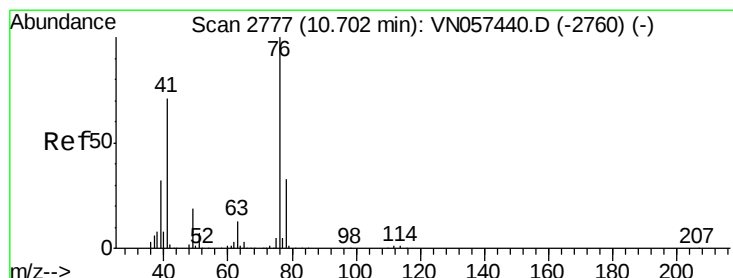
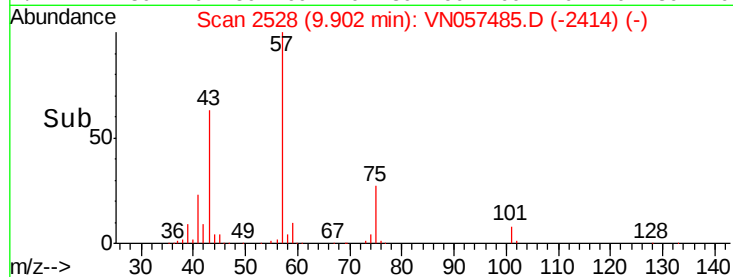
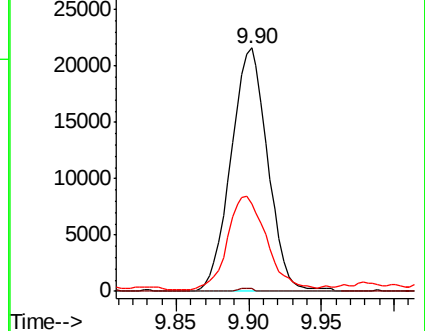
39 35.2 49.2 73.8#



Abundance Ion 74.90 (74.60 to 75.60): VN057440.D (-2490) (-)

Ion 76.90 (76.60 to 77.60): VN057440.D (-2490) (-)

Ion 39.00 (38.70 to 39.70): VN057440.D (-2490) (-)



#57

1,3-Dichloropropane

Concen: 0.669 ug/l

RT: 10.76 min Scan# 2795

Delta R.T. 0.06 min

Lab File: VN057485.D

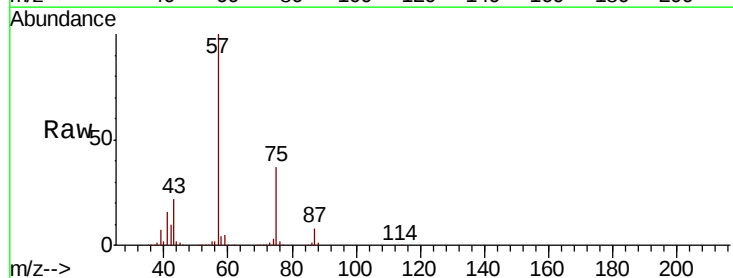
Acq: 23 Aug 2019 20:53

Tgt Ion: 76 Resp: 5548

Ion Ratio Lower Upper

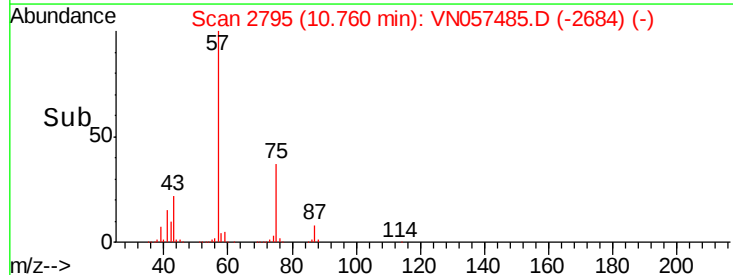
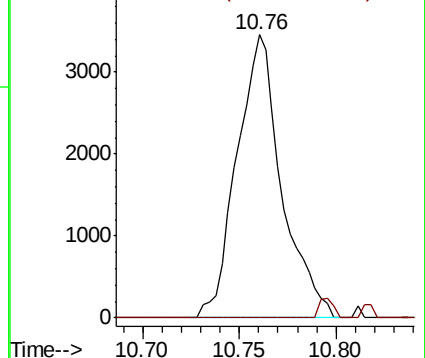
76 100

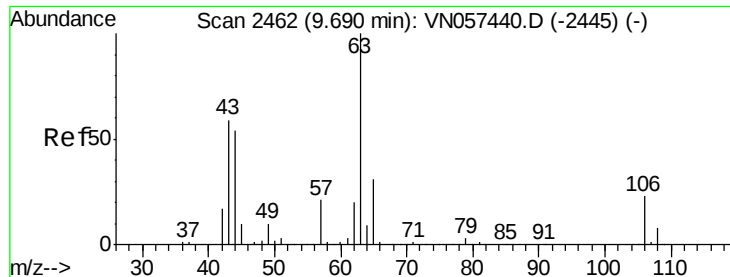
78 0.0 25.5 38.3#



Abundance Ion 75.90 (75.60 to 76.60): VN057440.D (-2760) (-)

Ion 77.90 (77.60 to 78.60): VN057440.D (-2760) (-)

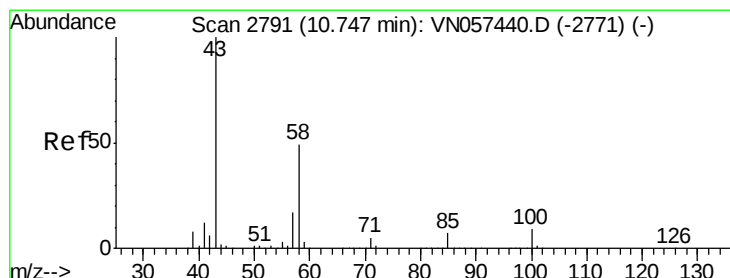
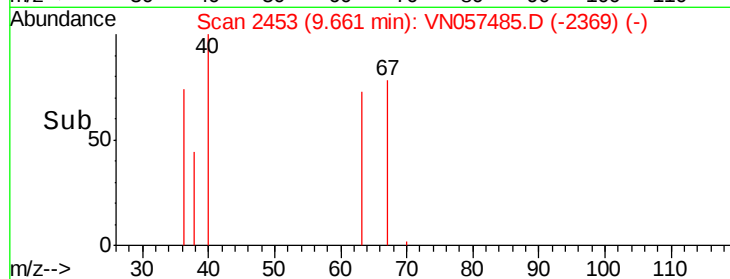
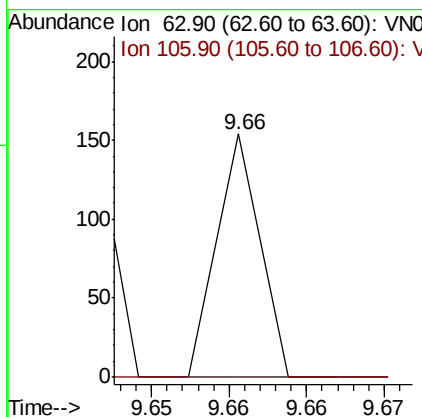
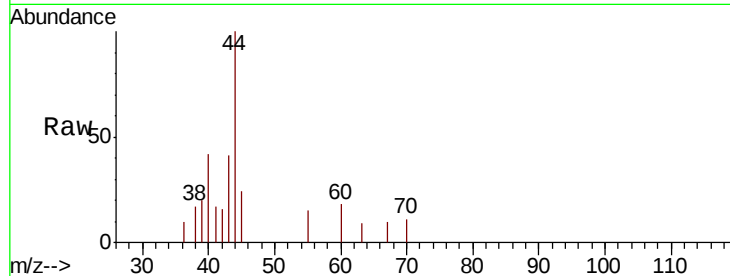




#58
 2-Chloroethyl Vinyl ether
 Concen: 17.078 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.03 min
 Lab File: VN057485.D
 Acq: 23 Aug 2019 20:53

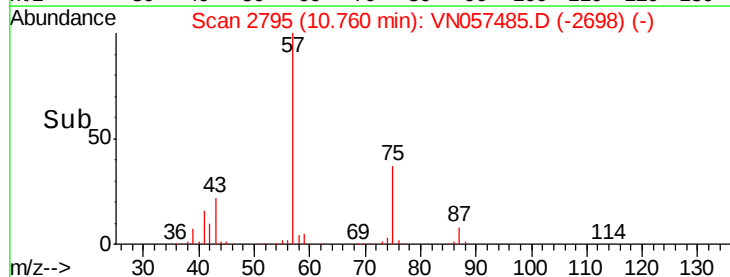
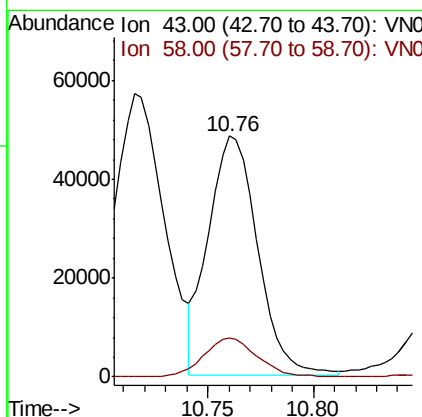
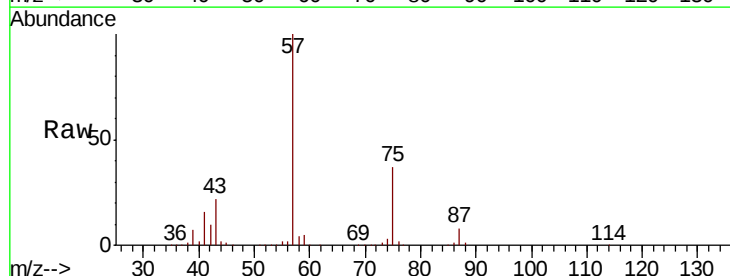
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S1(0)

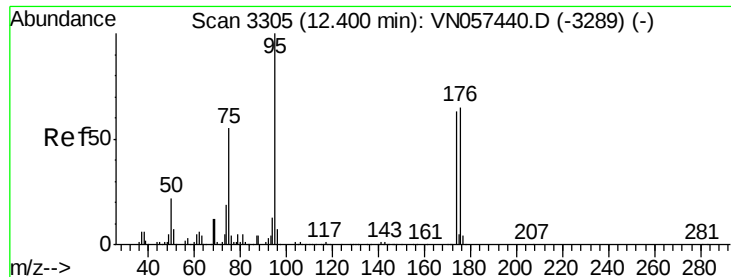
Tgt Ion: 63 Resp: 30
 Ion Ratio Lower Upper
 63 100
 106 0.0 18.6 27.8#



#59
 2-Hexanone
 Concen: 16.580 ug/l
 RT: 10.76 min Scan# 2795
 Delta R.T. 0.01 min
 Lab File: VN057485.D
 Acq: 23 Aug 2019 20:53

Tgt Ion: 43 Resp: 78215
 Ion Ratio Lower Upper
 43 100
 58 17.6 24.6 73.6#

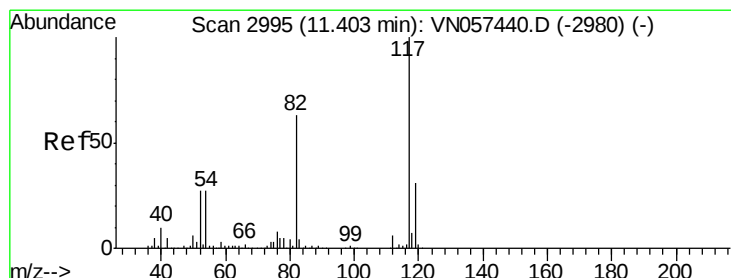
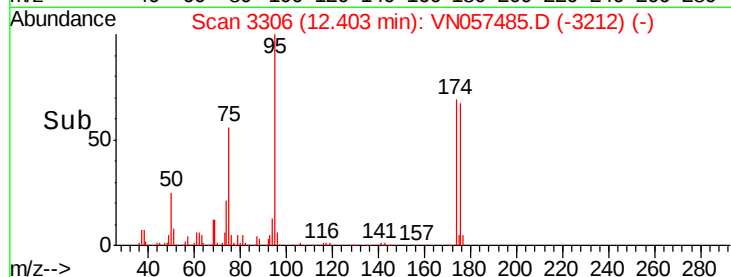
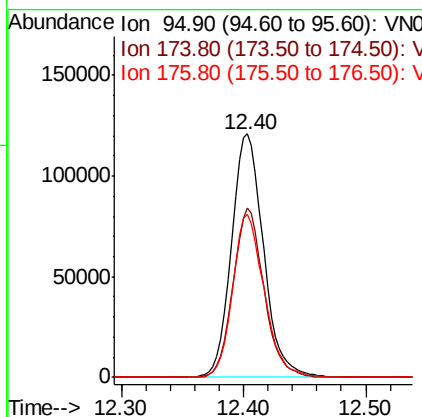
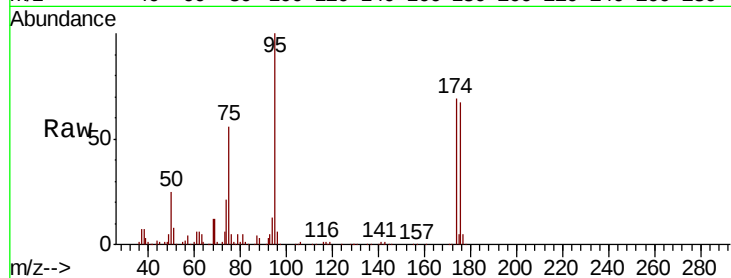




#62
 4-Bromofluorobenzene
 Concen: 38.218 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN057485.D
 Acq: 23 Aug 2019 20:53

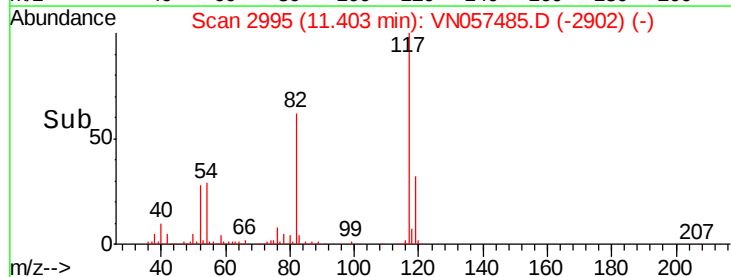
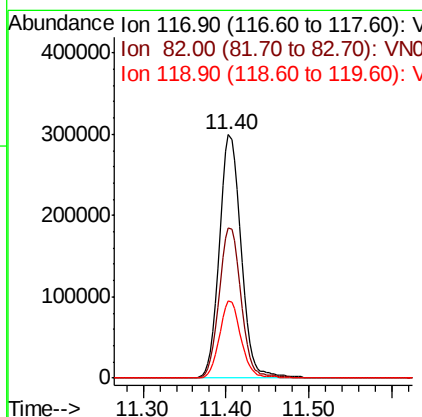
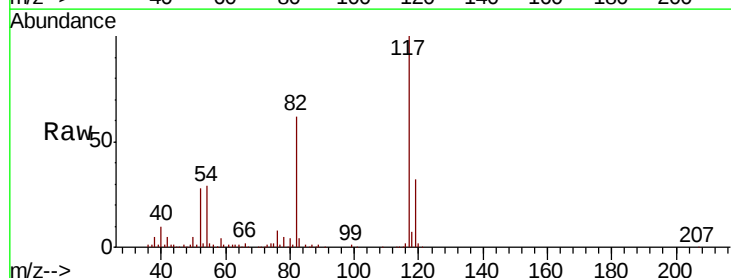
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S1(0)

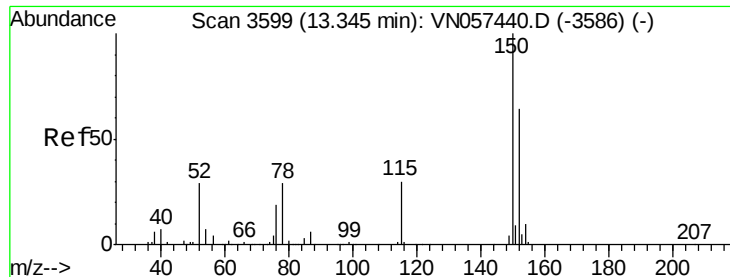
Tgt Ion	Resp	Lower	Upper
95	220496		
174	67.0	0.0	133.0
176	66.0	0.0	130.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.40 min Scan# 2995
 Delta R.T. -0.00 min
 Lab File: VN057485.D
 Acq: 23 Aug 2019 20:53

Tgt Ion	Resp	Lower	Upper
117	543557		
82	61.9	50.6	75.8
119	31.6	24.6	36.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN057485.D

Acq: 23 Aug 2019 20:53

Instrument :

MSVOA_N

ClientSampleId :

T2-S1(0)

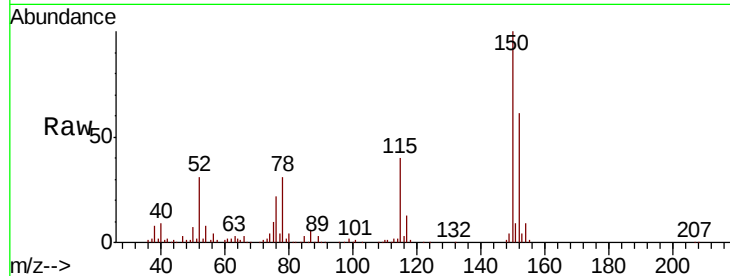
Tgt Ion:152 Resp: 124764

Ion Ratio Lower Upper

152 100

115 65.8 32.0 96.0

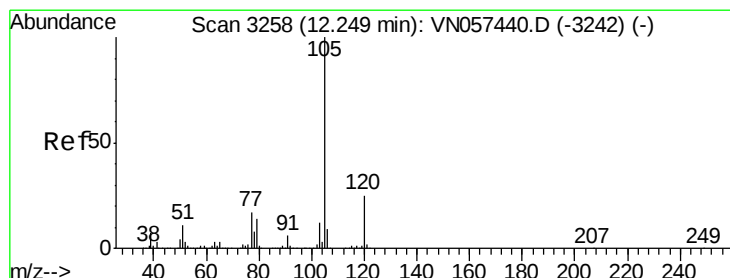
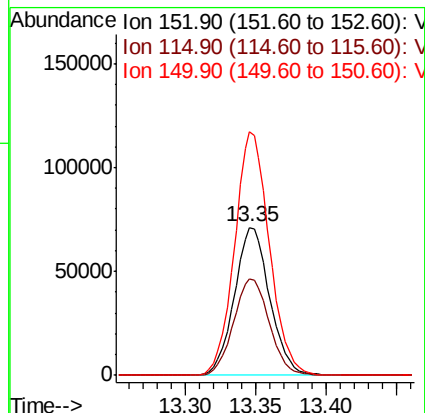
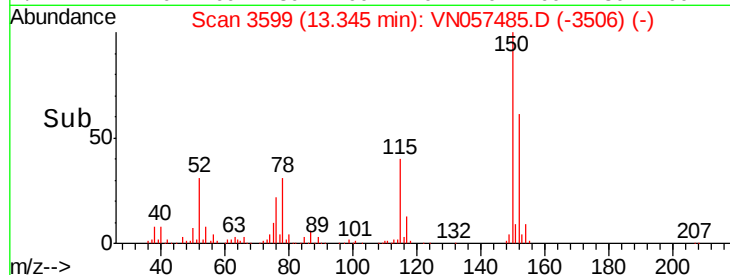
150 161.8 0.0 346.6



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: 12.15 min Scan# 3226

Delta R.T. -0.10 min

Lab File: VN057485.D

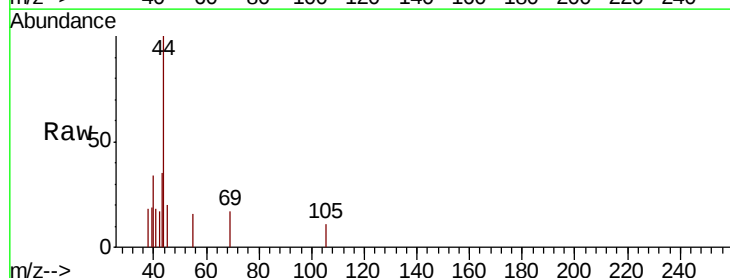
Acq: 23 Aug 2019 20:53

Tgt Ion:105 Resp: 31

Ion Ratio Lower Upper

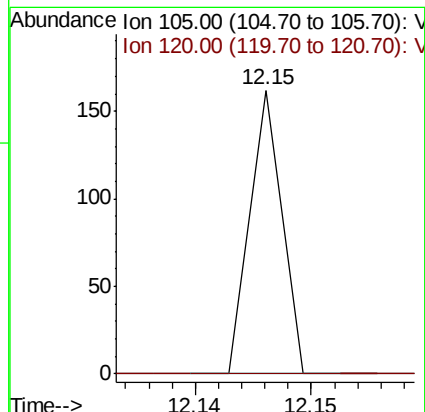
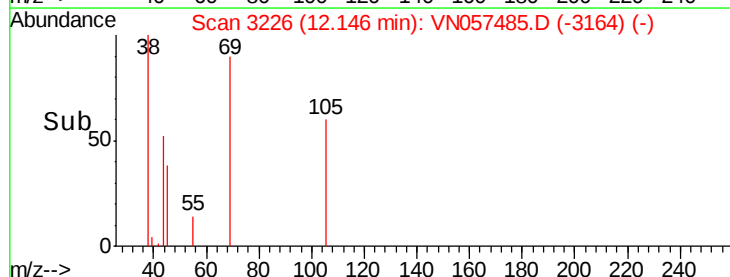
105 100

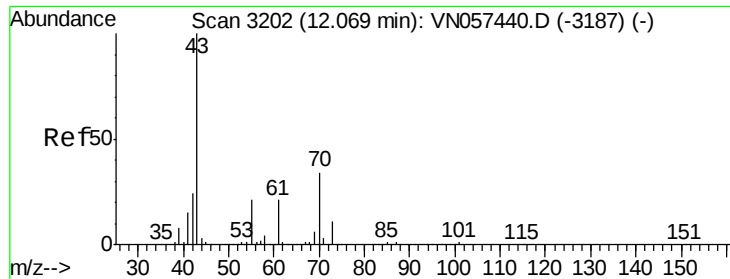
120 0.0 12.7 38.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: Below Cal

RT: 12.03 min Scan# 3191

Delta R.T. -0.03 min

Lab File: VN057485.D

Acq: 23 Aug 2019 20:53

Instrument :

MSVOA_N

ClientSampleId :

T2-S1(0)

Tgt Ion: 43 Resp: 2313

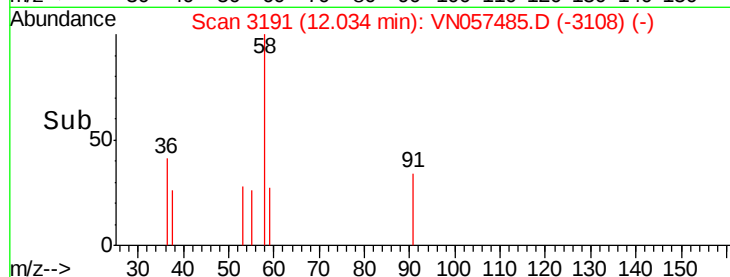
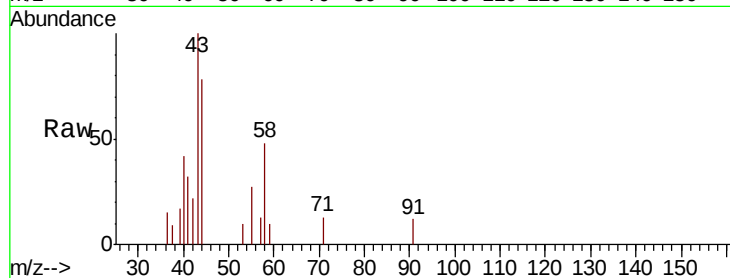
Ion Ratio Lower Upper

43 100

70 0.0 27.8 41.6#

55 41.9 17.0 25.4#

61 0.0 17.0 25.6#

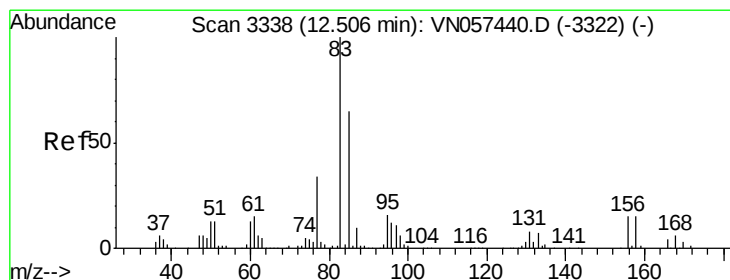
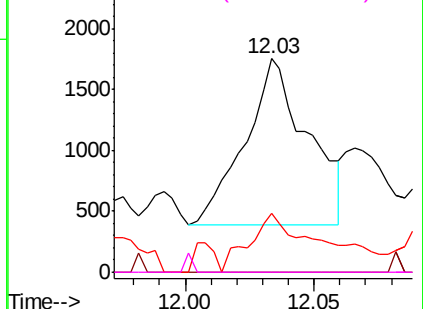


Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 12.50 min Scan# 3335

Delta R.T. -0.01 min

Lab File: VN057485.D

Acq: 23 Aug 2019 20:53

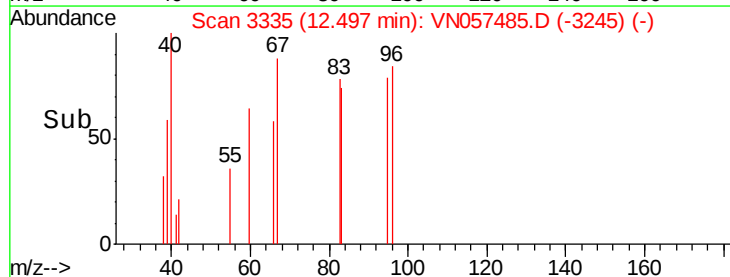
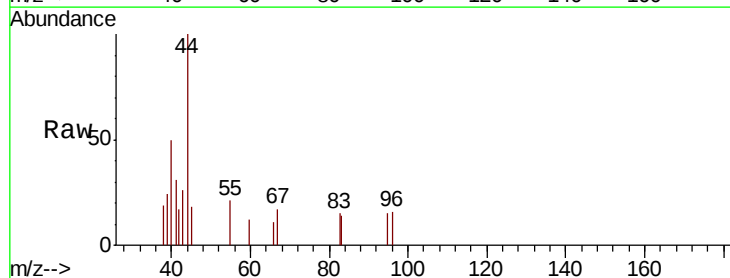
Tgt Ion: 83 Resp: 214

Ion Ratio Lower Upper

83 100

131 0.0 4.3 13.1#

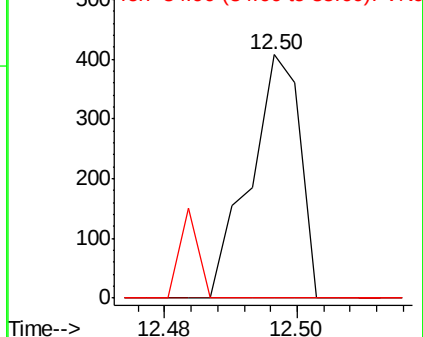
85 13.6 32.3 96.8#

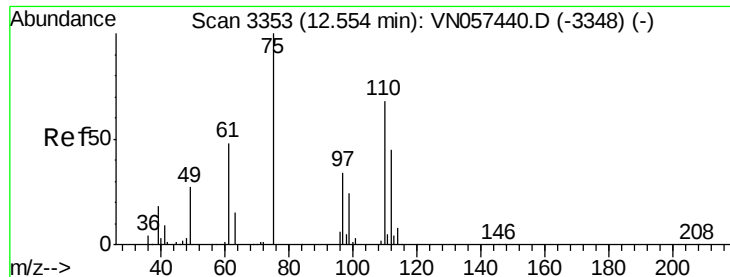


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0

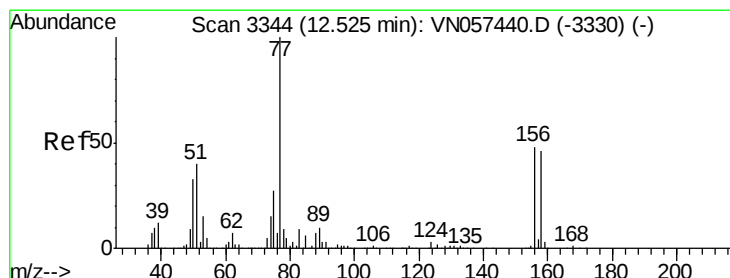
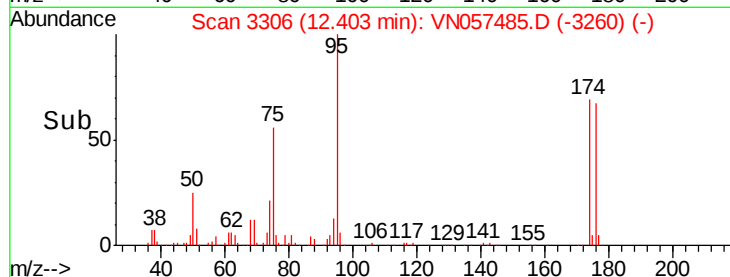
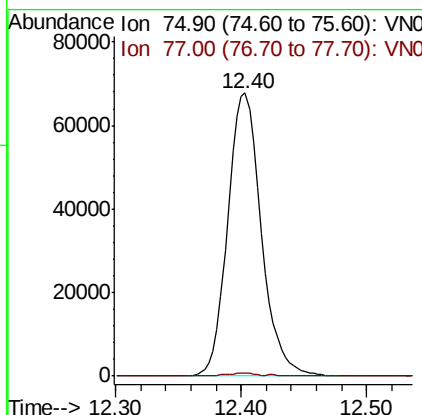
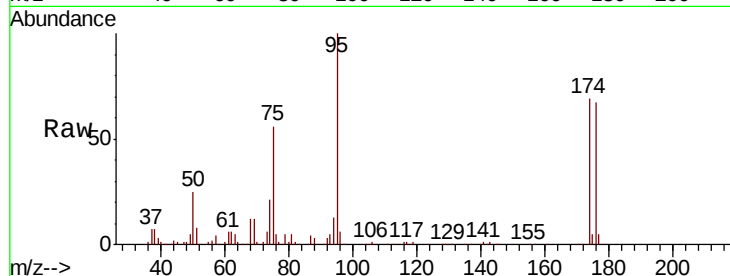




#76
 1,2,3-Trichloropropane
 Concen: 45.257 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. -0.15 min
 Lab File: VN057485.D
 Acq: 23 Aug 2019 20:53

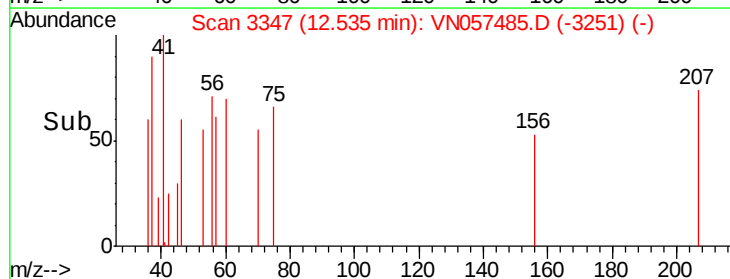
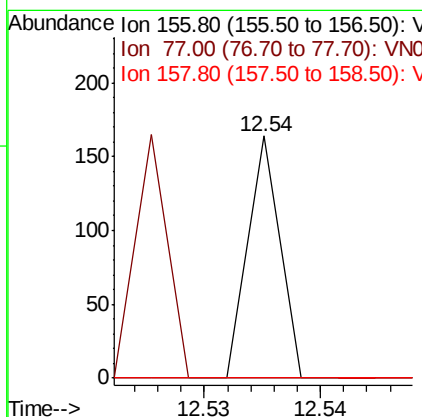
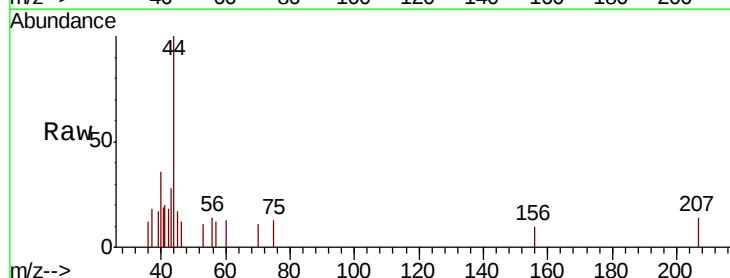
Instrument :
 MSVOA_N
 ClientSampled :
 T2-S1(0)

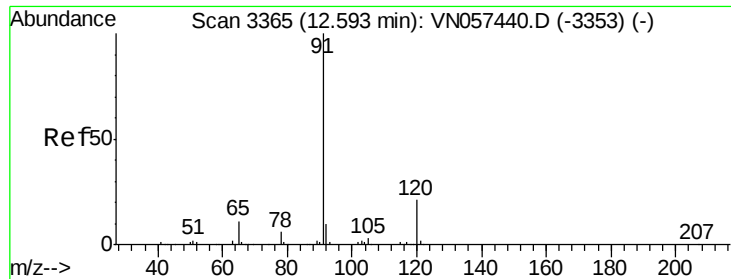
Tgt Ion: 75 Resp: 125960
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#



#77
 Bromobenzene
 Concen: Below Cal
 RT: 12.54 min Scan# 3347
 Delta R.T. 0.01 min
 Lab File: VN057485.D
 Acq: 23 Aug 2019 20:53

Tgt Ion: 156 Resp: 32
 Ion Ratio Lower Upper
 156 100
 77 0.0 124.4 373.3#
 158 0.0 48.3 144.8#





#78

n-propylbenzene

Concen: Below Cal

RT: 12.61 min Scan# 3369

Delta R.T. 0.01 min

Lab File: VN057485.D

Acq: 23 Aug 2019 20:53

Instrument :

MSVOA_N

ClientSampleId :

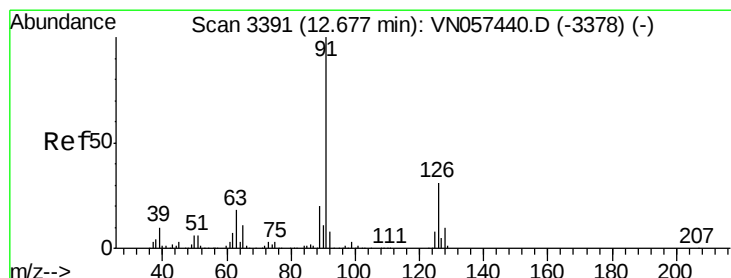
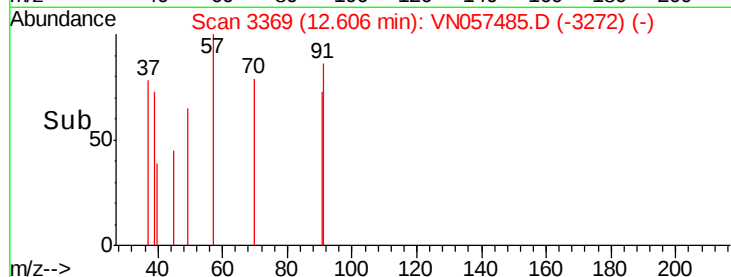
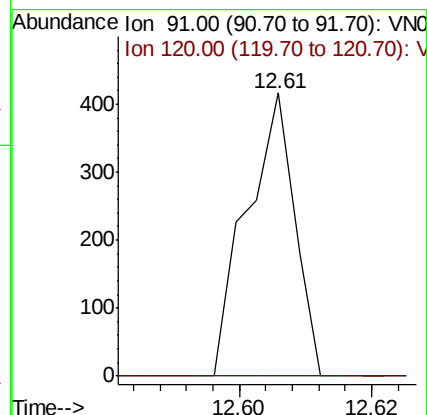
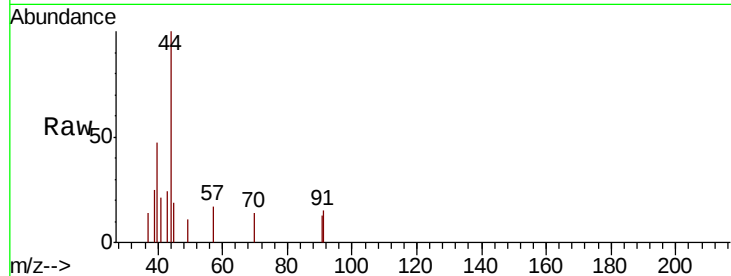
T2-S1(0)

Tgt Ion: 91 Resp: 209

Ion Ratio Lower Upper

91 100

120 0.0 10.7 32.1#



#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN057485.D

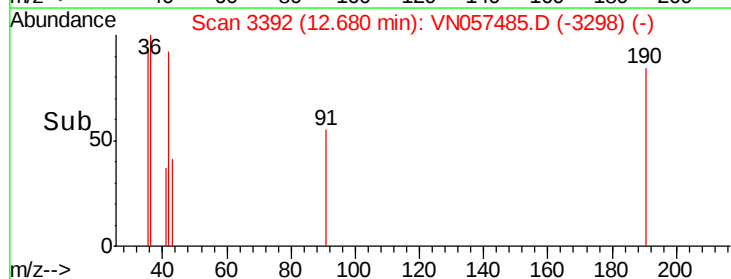
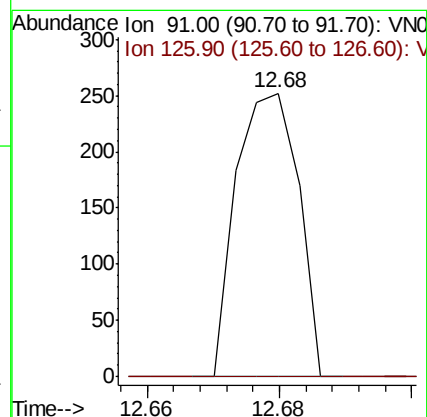
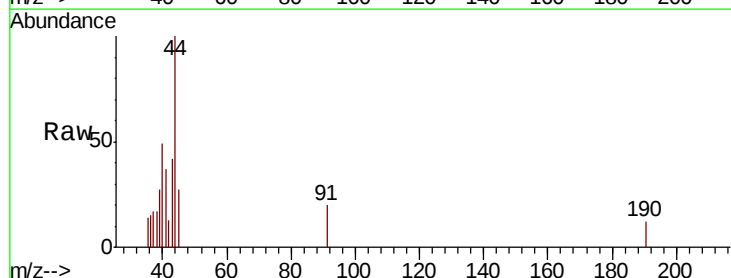
Acq: 23 Aug 2019 20:53

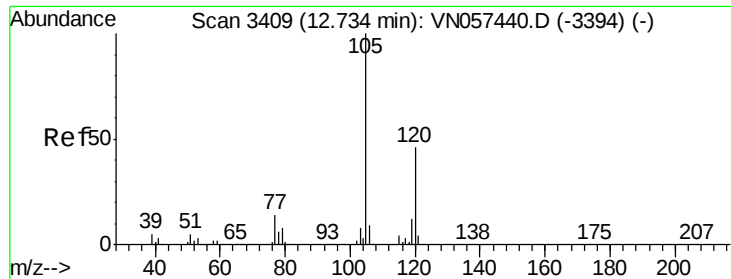
Tgt Ion: 91 Resp: 164

Ion Ratio Lower Upper

91 100

126 0.0 15.3 45.8#

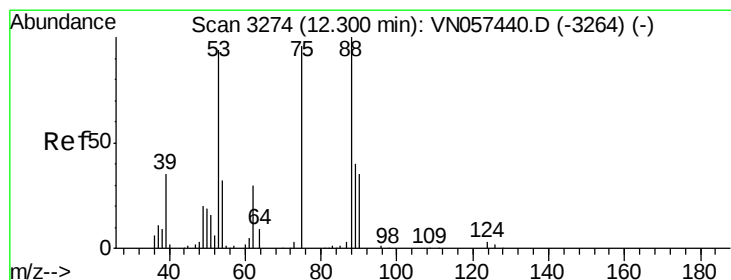
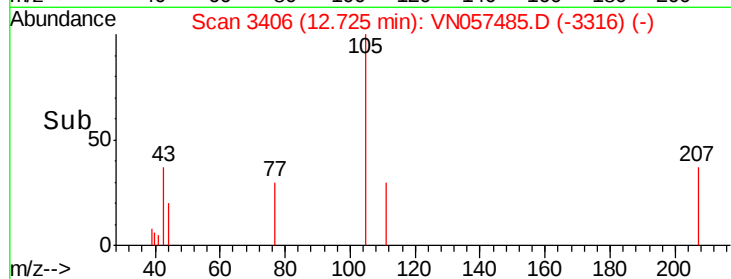
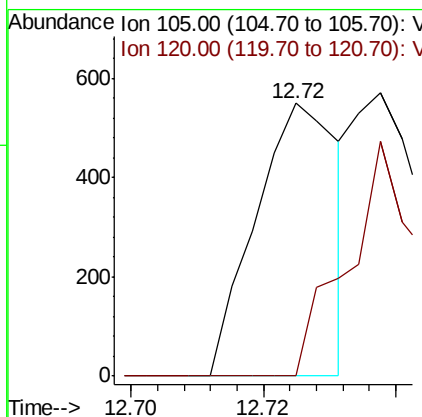
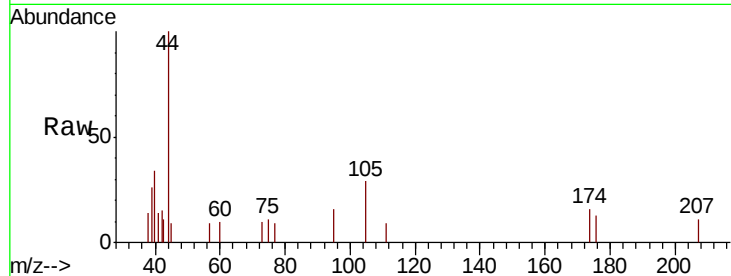




#80
 1,3,5-Trimethylbenzene
 Concen: Below Cal
 RT: 12.72 min Scan# 3406
 Delta R.T. -0.01 min
 Lab File: VN057485.D
 Acq: 23 Aug 2019 20:53

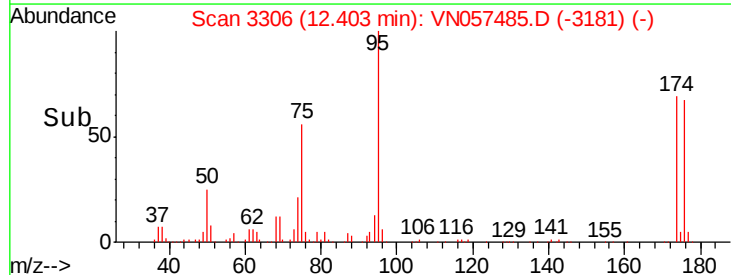
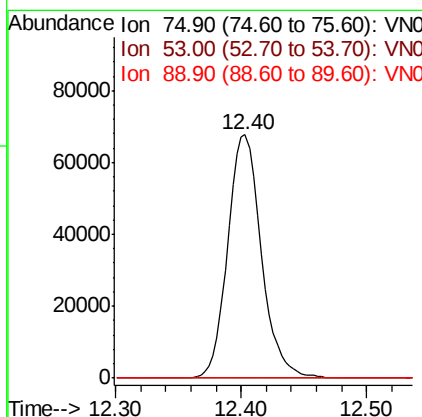
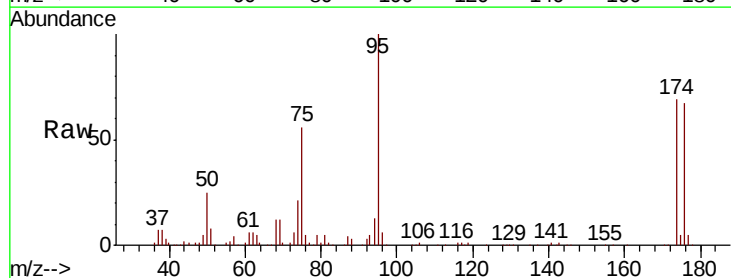
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S1(0)

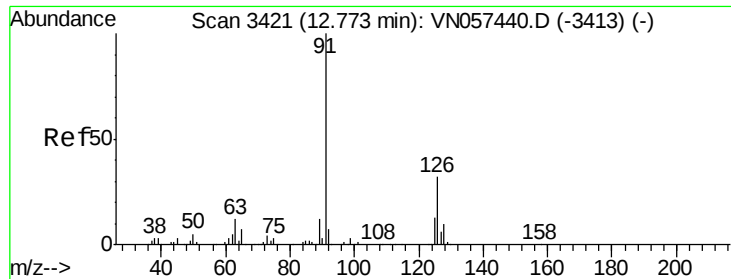
Tgt Ion: 105 Resp: 475
 Ion Ratio Lower Upper
 105 100
 120 66.9 23.3 69.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.972 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.10 min
 Lab File: VN057485.D
 Acq: 23 Aug 2019 20:53

Tgt Ion: 75 Resp: 125960
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.7 124.1#
 89 0.0 35.8 53.8#





#82

4-Chlorotoluene

Concen: Below Cal

RT: 12.78 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN057485.D

Acq: 23 Aug 2019 20:53

Instrument :

MSVOA_N

ClientSampled :

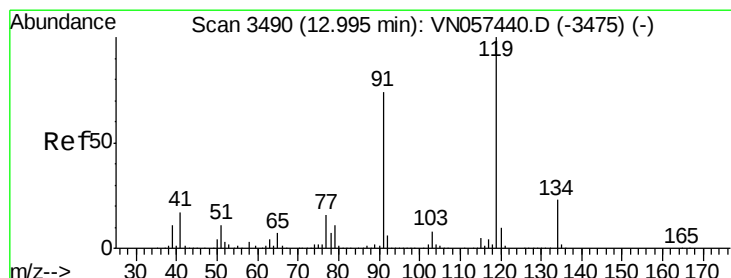
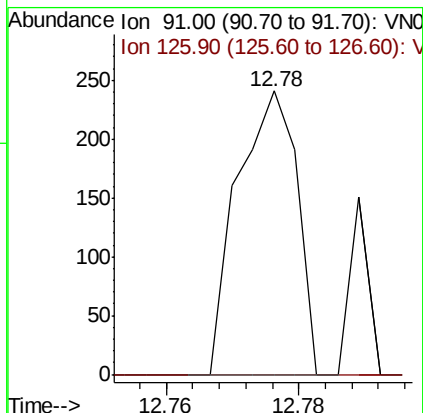
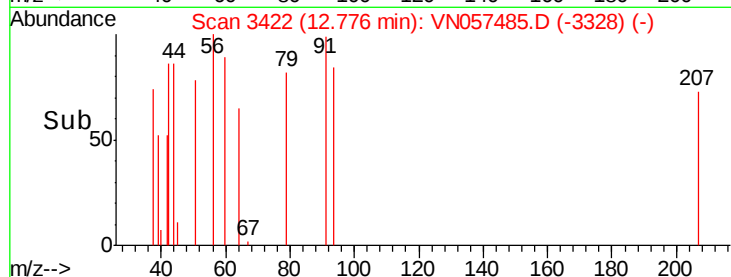
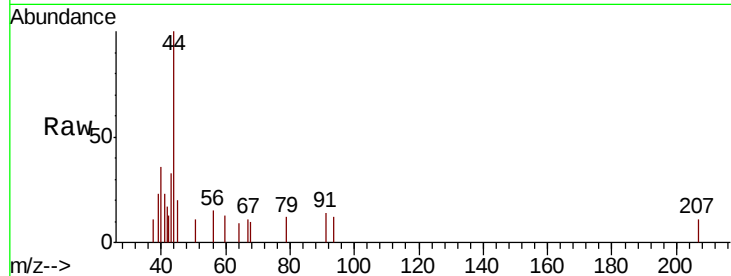
T2-S1(0)

Tgt Ion: 91 Resp: 151

Ion Ratio Lower Upper

91 100

126 0.0 15.0 45.0#



#83

tert-Butylbenzene

Concen: Below Cal

RT: 13.01 min Scan# 3495

Delta R.T. 0.02 min

Lab File: VN057485.D

Acq: 23 Aug 2019 20:53

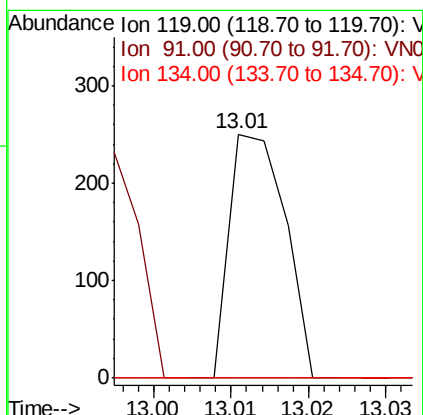
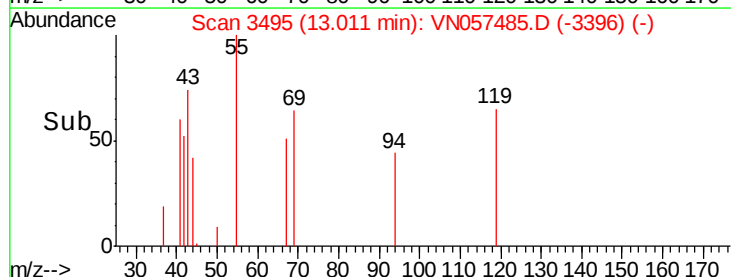
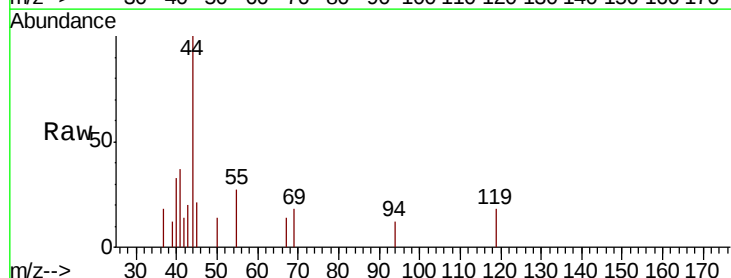
Tgt Ion: 119 Resp: 125

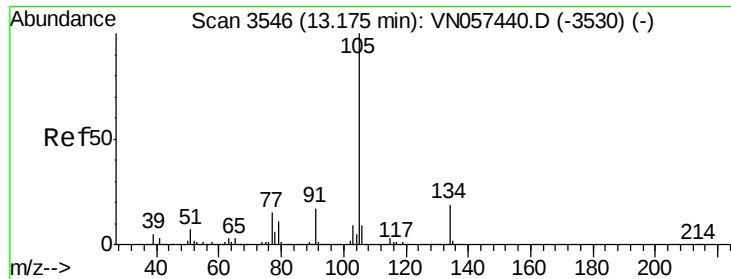
Ion Ratio Lower Upper

119 100

91 90.4 37.0 111.0

134 0.0 12.2 36.6#

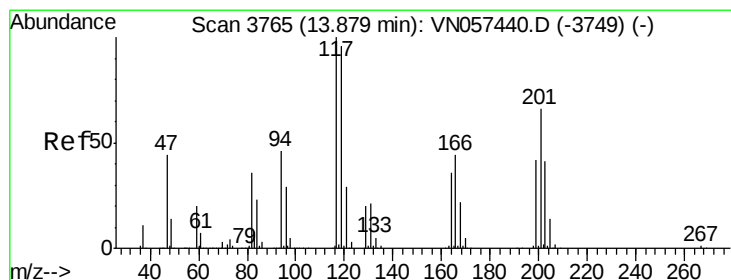
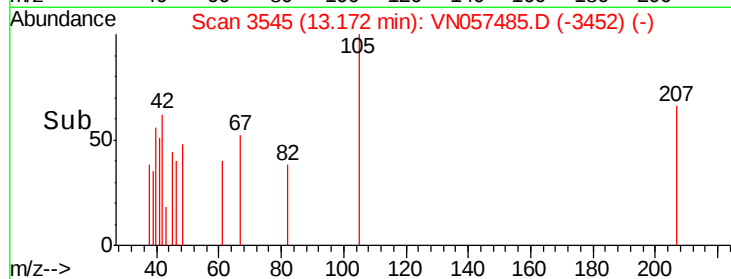
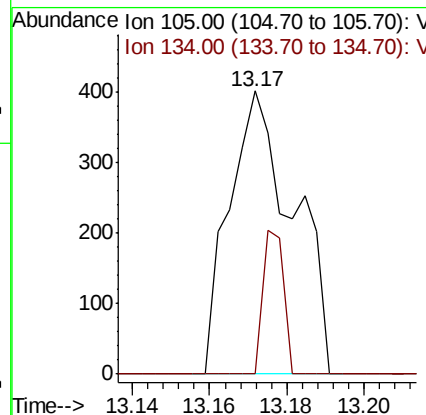
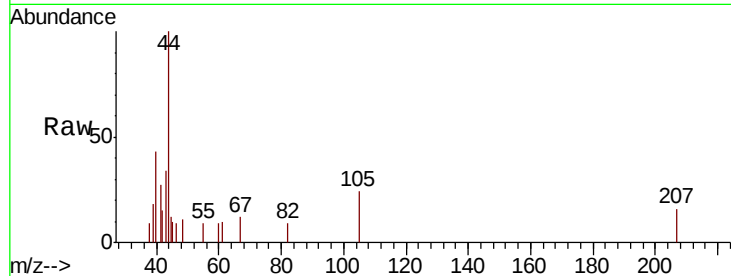




#85
 sec-Butylbenzene
 Concen: Below Cal
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN057485.D
 Acq: 23 Aug 2019 20:53

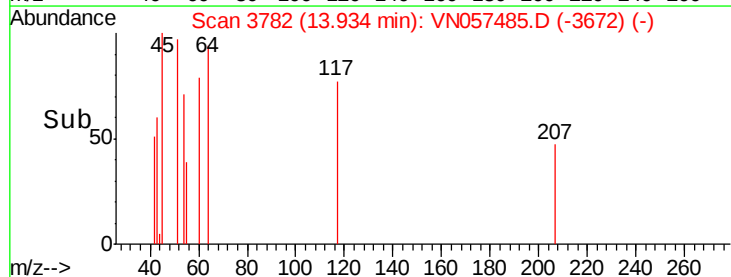
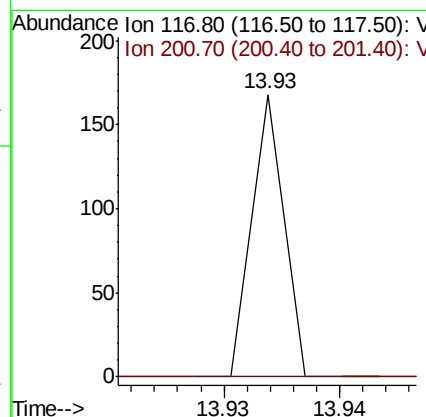
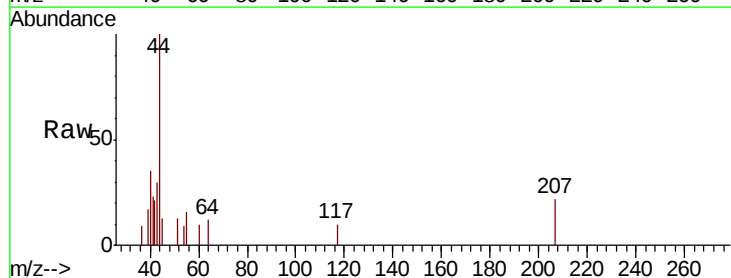
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S1(0)

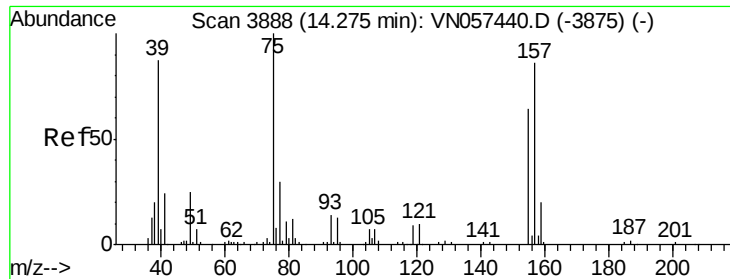
Tgt Ion:105 Resp: 463
 Ion Ratio Lower Upper
 105 100
 134 16.4 9.3 27.9



#90
 Hexachloroethane
 Concen: Below Cal
 RT: 13.93 min Scan# 3782
 Delta R.T. 0.05 min
 Lab File: VN057485.D
 Acq: 23 Aug 2019 20:53

Tgt Ion:117 Resp: 32
 Ion Ratio Lower Upper
 117 100
 201 0.0 33.1 99.3#





#92

1,2-Dibromo-3-Chloropropane

Concen: Below Cal

RT: 14.24 min Scan# 3877

Delta R.T. -0.03 min

Lab File: VN057485.D

Acq: 23 Aug 2019 20:53

Instrument :

MSVOA_N

ClientSampleId :

T2-S1(0)

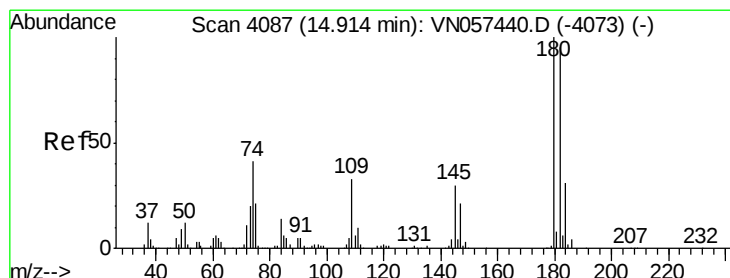
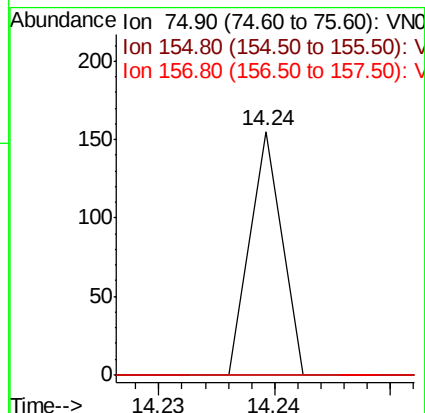
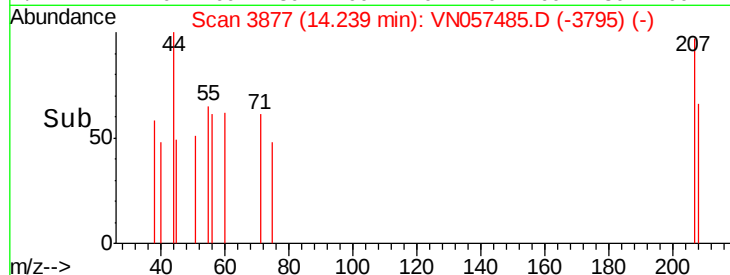
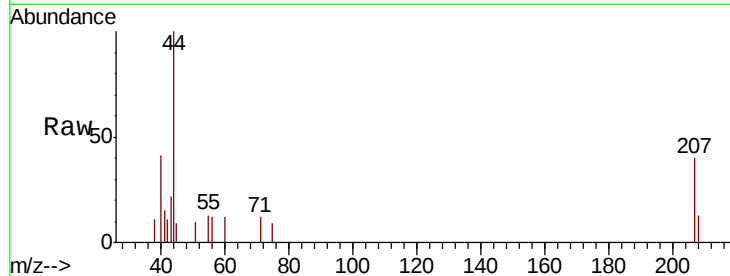
Tgt Ion: 75 Resp: 30

Ion Ratio Lower Upper

75 100

155 0.0 31.6 94.7#

157 0.0 43.3 129.8#



#93

1,2,4-Trichlorobenzene

Concen: 5.414 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. -0.01 min

Lab File: VN057485.D

Acq: 23 Aug 2019 20:53

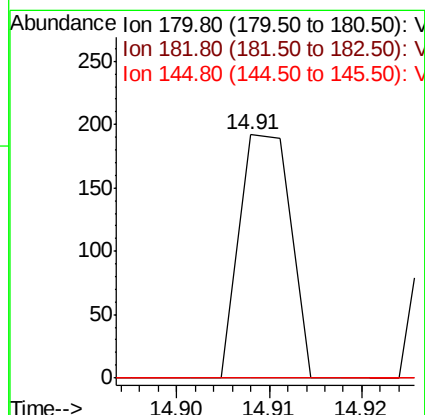
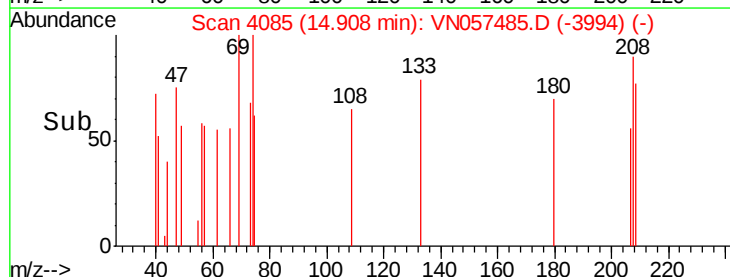
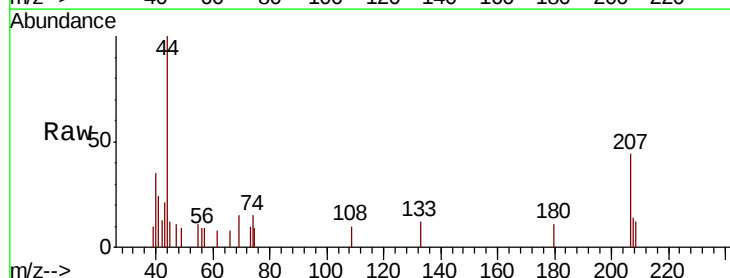
Tgt Ion: 180 Resp: 74

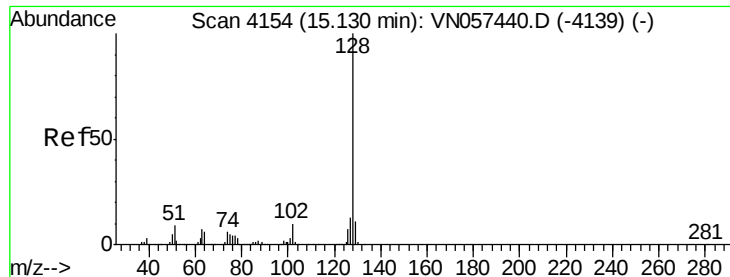
Ion Ratio Lower Upper

180 100

182 0.0 46.7 140.1#

145 0.0 15.6 46.8#

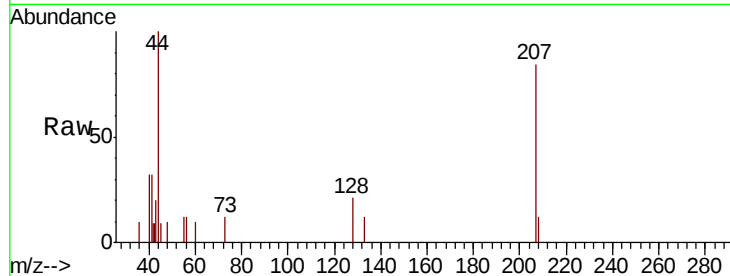




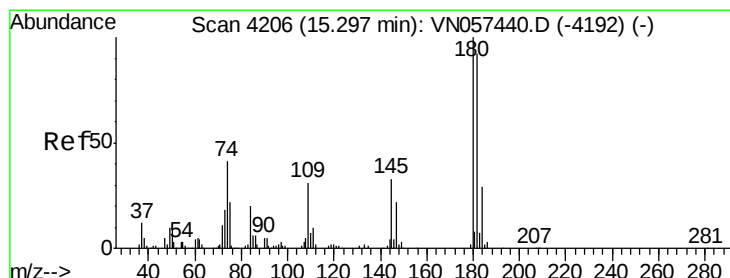
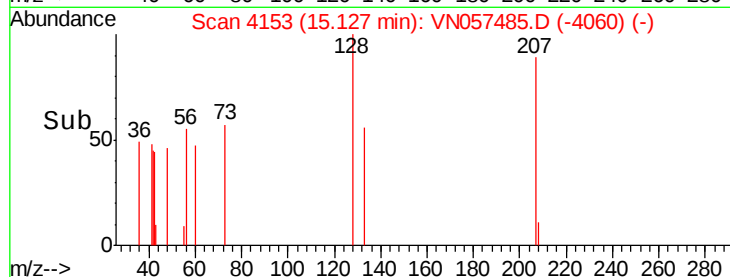
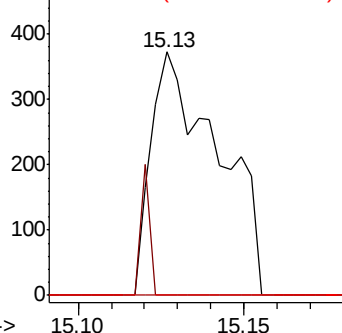
#95
Naphthalene
Concen: 4.436 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN057485.D
Acq: 23 Aug 2019 20:53

Instrument :
MSVOA_N
ClientSampleId :
T2-S1(0)

Tgt Ion:128 Resp: 528
Ion Ratio Lower Upper
128 100
127 7.4 10.5 15.7#
129 0.0 8.6 13.0#

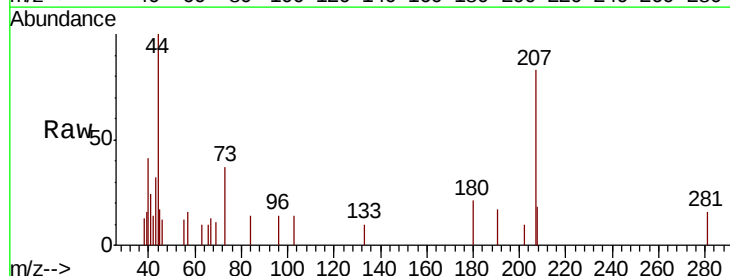


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 5.295 ug/l
RT: 15.30 min Scan# 4207
Delta R.T. 0.00 min
Lab File: VN057485.D
Acq: 23 Aug 2019 20:53

Tgt Ion:180 Resp: 312
Ion Ratio Lower Upper
180 100
182 0.0 46.7 140.1#
145 0.0 16.8 50.3#



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

