

Data File : VN059542.D
Acq On : 10 Dec 2019 13:20
Operator : JC/SP
Sample : K6174-01ME
Misc : 6.24g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SOLID-COMPME

Quant Time: Dec 11 06:16:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N120919W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 10 01:09:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	246602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	398819	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	379375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	153262	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	168975	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
35) Dibromofluoromethane	7.57	113	121066	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
50) Toluene-d8	10.08	98	539517	55.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.06%	
62) 4-Bromofluorobenzene	12.40	95	194773	54.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.30%	

Target Compounds				Qvalue		
11) Tert butyl alcohol	4.70	59	6319	11.082	ug/l #	71
13) Acrolein	3.57	56	64	0.231	ug/l #	67
14) Allyl chloride	4.54	41	75391	15.269	ug/l #	66
15) Acrylonitrile	5.00	53	1927	1.281	ug/l #	40
16) Acetone	3.74	43	3353	2.083	ug/l #	46
18) Methyl Acetate	4.55	43	170059	40.230	ug/l #	54
20) Methylene Chloride	4.52	84	82	Below Cal	#	55
25) 2-Butanone	6.82	43	6681	3.083	ug/l #	87
29) Tetrahydrofuran	7.20	42	918	0.609	ug/l #	41
30) Chloroform	7.30	83	5130	0.974	ug/l #	19
31) Cyclohexane	7.62	56	99670	19.192	ug/l #	84
36) 1,1-Dichloropropene	7.64	75	20408	4.988	ug/l #	50
37) Ethyl Acetate	6.93	43	337	1.606	ug/l #	69
38) Carbon Tetrachloride	7.64	117	24797	6.148	ug/l #	16
39) Methylcyclohexane	9.07	83	254205	55.385	ug/l	97
43) Isopropyl Acetate	8.13	43	17891	2.533	ug/l #	57
45) 1,2-Dichloropropane	9.07	63	2891	0.934	ug/l #	1
46) Dibromomethane	9.08	93	445	0.217	ug/l #	1
47) Bromodichloromethane	9.37	83	10380	2.552	ug/l #	25
48) Methyl methacrylate	9.13	41	12124	3.926	ug/l #	32
51) 4-Methyl-2-Pentanone	10.08	43	11135	1.676	ug/l #	86
54) cis-1,3-Dichloropropene	9.58	75	2519	0.519	ug/l #	33
55) 1,1,2-Trichloroethane	10.52	97	30870	10.959	ug/l #	16
56) Ethyl methacrylate	10.43	69	8750	3.854	ug/l #	9
59) 2-Hexanone	10.71	43	49961	16.660	ug/l #	31
60) Dibromochloromethane	10.72	129	31	1.057	ug/l #	11
67) Ethyl Benzene	11.51	91	20019	1.400	ug/l	99
68) m/p-Xylenes	11.62	106	23018	4.290	ug/l	96
71) Bromoform	12.40	173	1063	0.456	ug/l #	1
73) Isopropylbenzene	12.25	105	21695	1.887	ug/l	100
74) N-amyl acetate	12.05	43	34256	6.841	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	12.56	83	7954	2.042	ug/l #	34
76) 1,2,3-Trichloropropane	12.40	75	96555	24.636	ug/l #	100
78) n-propylbenzene	12.59	91	56404	3.993	ug/l	99

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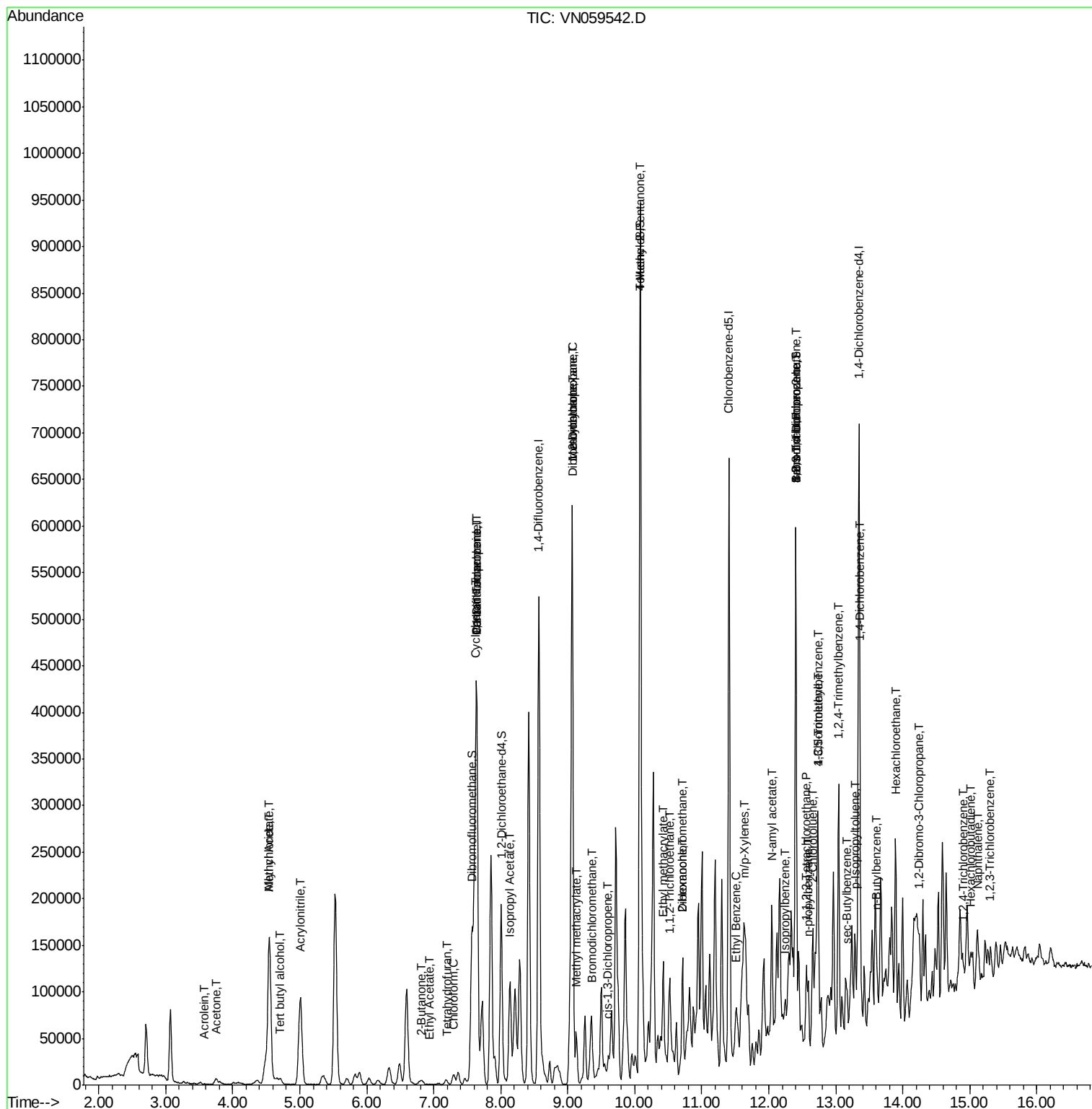
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	12.66	91	9336	1.108	ug/l #	46
80) 1,3,5-Trimethylbenzene	12.73	105	48167	4.886	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.40	75	96555	66.282	ug/l #	16
82) 4-Chlorotoluene	12.73	91	4327	0.502	ug/l #	50
84) 1,2,4-Trimethylbenzene	13.04	105	141387	14.525	ug/l	97
85) sec-Butylbenzene	13.17	105	18394	1.629	ug/l #	71
86) p-Isopropyltoluene	13.29	119	9854	0.976	ug/l	97
88) 1,4-Dichlorobenzene	13.37	146	1243	0.241	ug/l #	1
89) n-Butylbenzene	13.62	91	41237	4.352	ug/l #	73
90) Hexachloroethane	13.89	117	8492	4.582	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	14.26	75	636	2.763	ug/l #	30
93) 1,2,4-Trichlorobenzene	14.91	180	2177	0.636	ug/l #	1
94) Hexachlorobutadiene	15.01	225	422	0.241	ug/l	68
95) Naphthalene	15.13	128	20252	2.025	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.30	180	3234	3.334	ug/l #	66

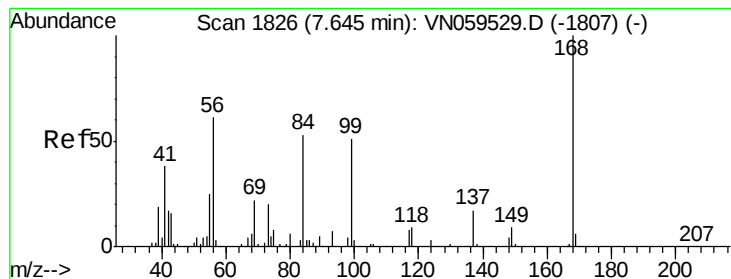
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

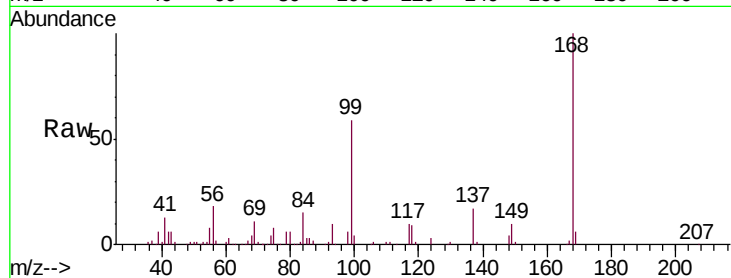
SOLID-COMPME

Tgt Ion:168 Resp: 246602

Ion Ratio Lower Upper

168 100

99 59.3 46.6 70.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

120000

100000

80000

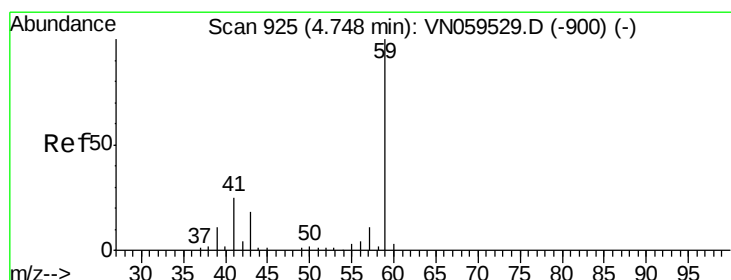
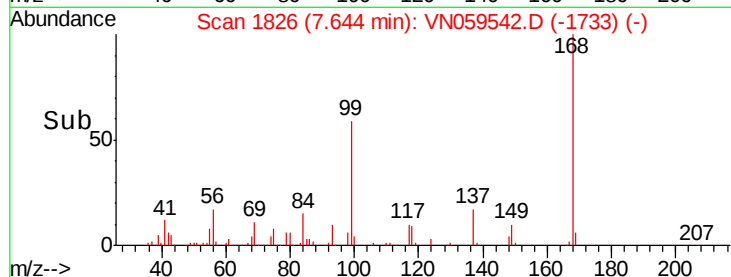
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 11.082 ug/l

RT: 4.70 min Scan# 910

Delta R.T. -0.05 min

Lab File: VN059542.D

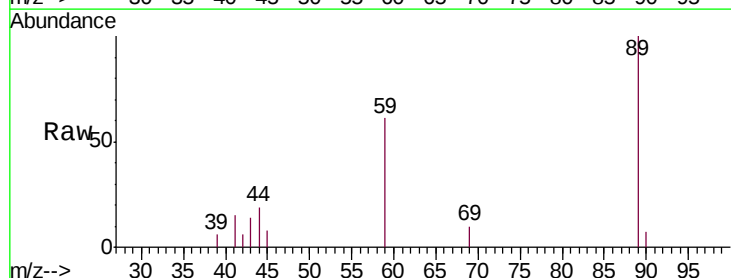
Acq: 10 Dec 2019 13:20

Tgt Ion: 59 Resp: 6319

Ion Ratio Lower Upper

59 100

57 0.0 8.6 13.0#



Abundance Ion 59.00 (58.70 to 59.70): VN

Ion 57.00 (56.70 to 57.70): VN

2000

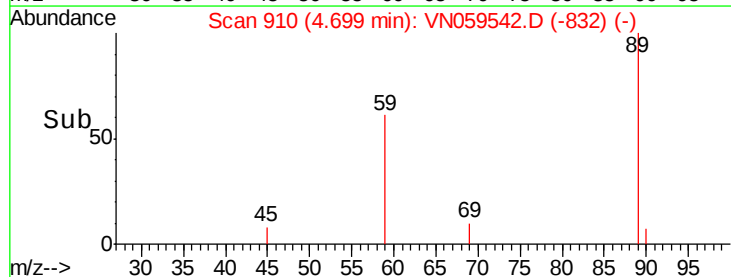
1500

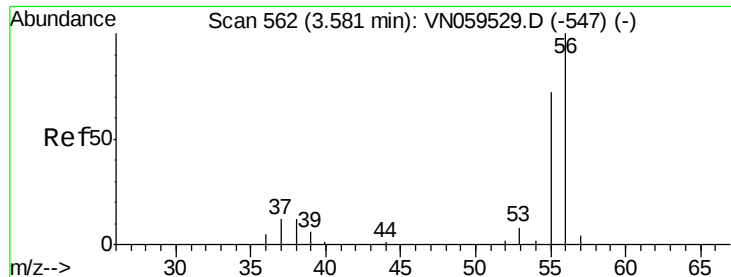
1000

500

0

Time-->





#13

Acrolein

Concen: 0.231 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.01 min

Lab File: VN059542.D

Acq: 10 Dec 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

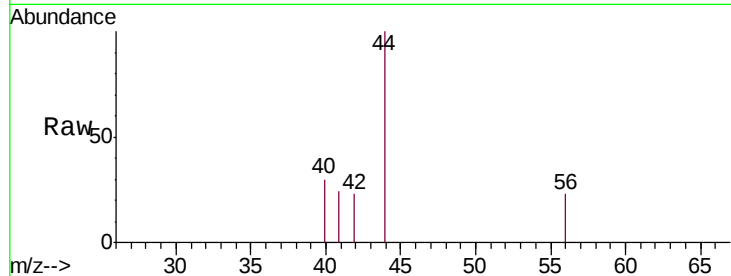
SOLID-COMPME

Tgt Ion: 56 Resp: 64

Ion Ratio Lower Upper

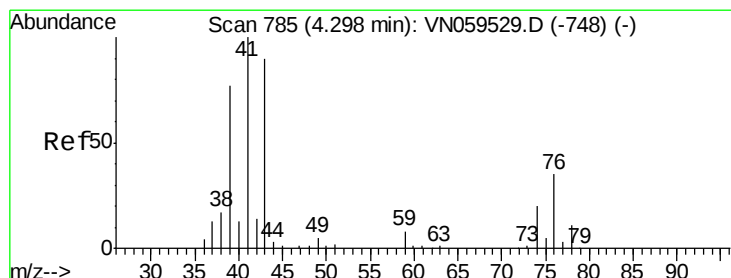
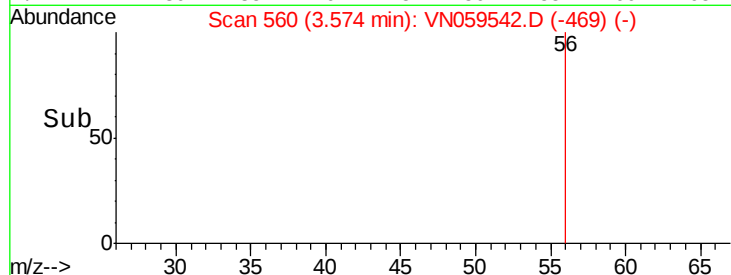
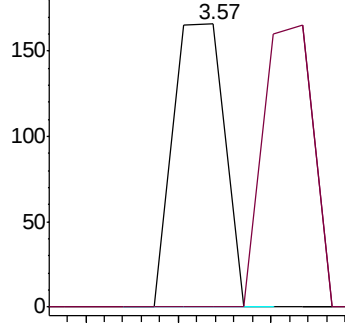
56 100

55 98.4 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 15.269 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.25 min

Lab File: VN059542.D

Acq: 10 Dec 2019 13:20

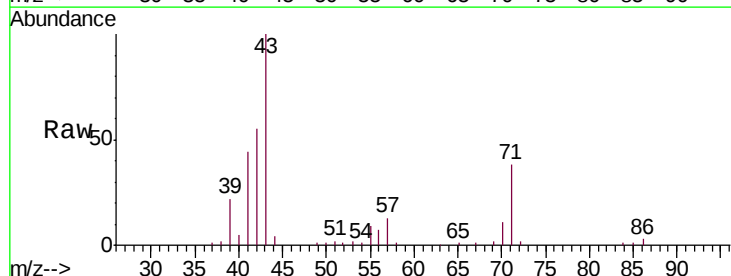
Tgt Ion: 41 Resp: 75391

Ion Ratio Lower Upper

41 100

39 51.2 56.7 85.1#

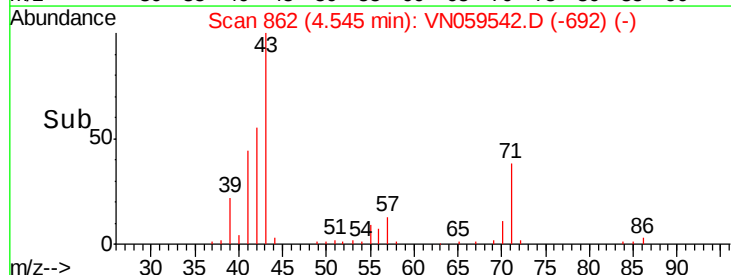
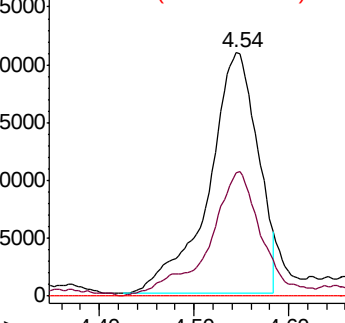
76 0.0 25.5 38.3#

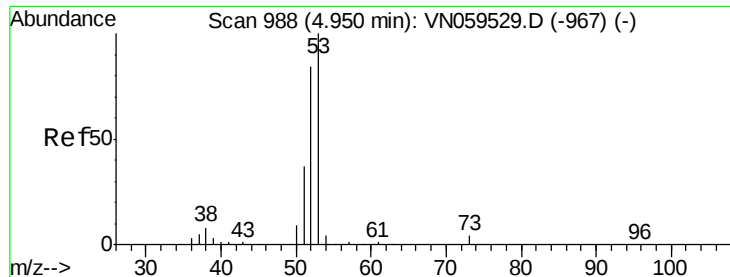


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 1.281 ug/l

RT: 5.00 min Scan# 1003

Delta R.T. 0.05 min

Lab File: VN059542.D

Acq: 10 Dec 2019 13:20

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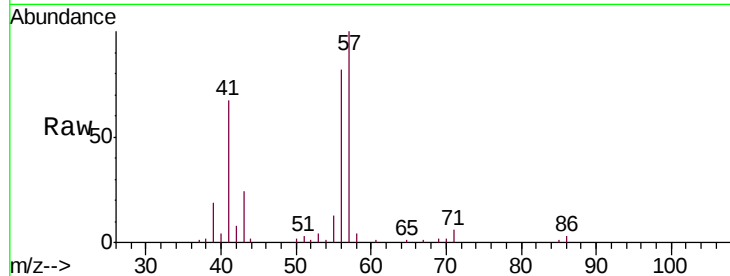
Tgt Ion: 53 Resp: 1927

Ion Ratio Lower Upper

53 100

52 32.7 66.6 99.8#

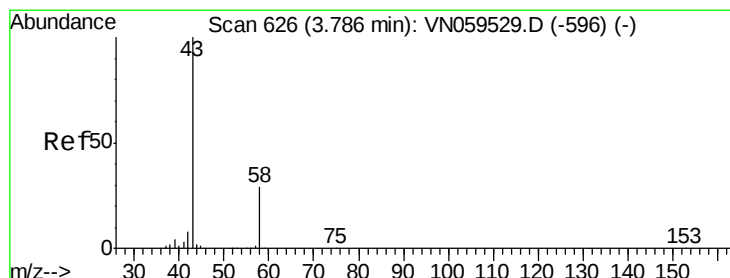
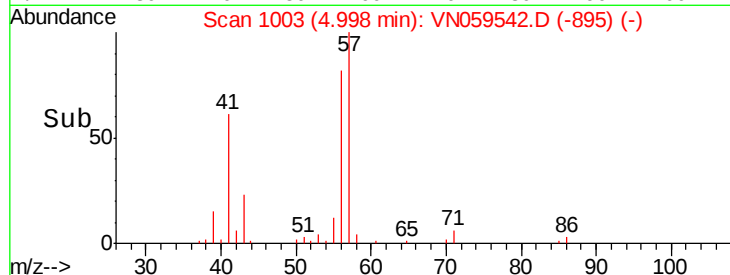
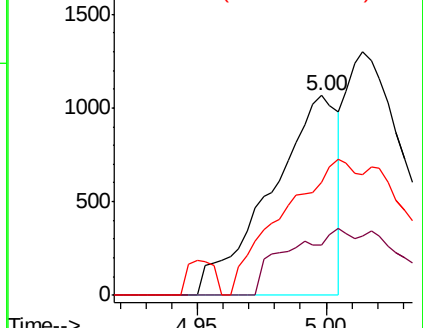
51 79.3 29.8 44.8#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 2.083 ug/l

RT: 3.74 min Scan# 613

Delta R.T. -0.04 min

Lab File: VN059542.D

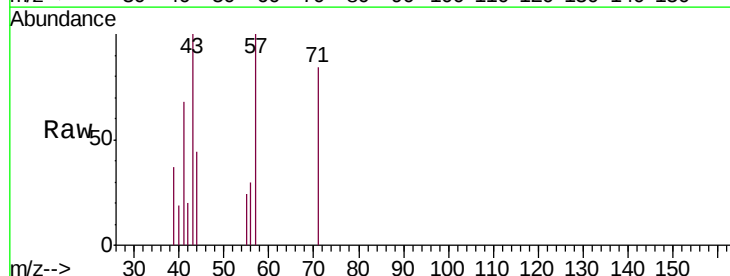
Acq: 10 Dec 2019 13:20

Tgt Ion: 43 Resp: 3353

Ion Ratio Lower Upper

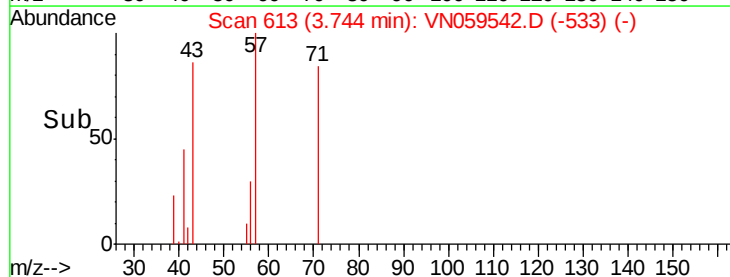
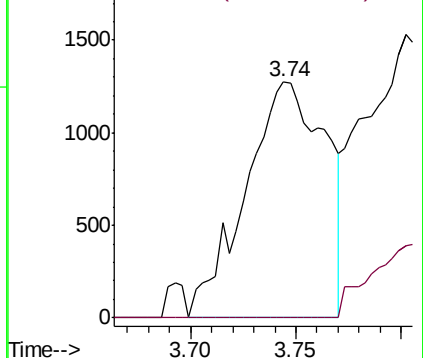
43 100

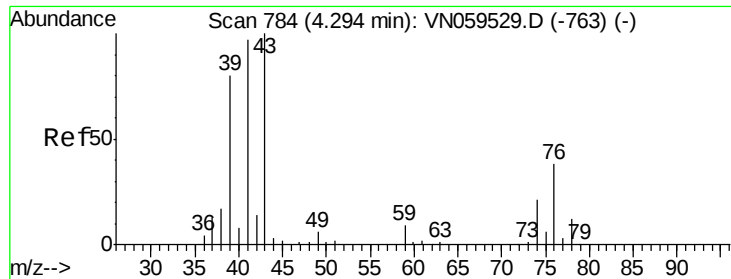
58 0.0 23.0 34.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

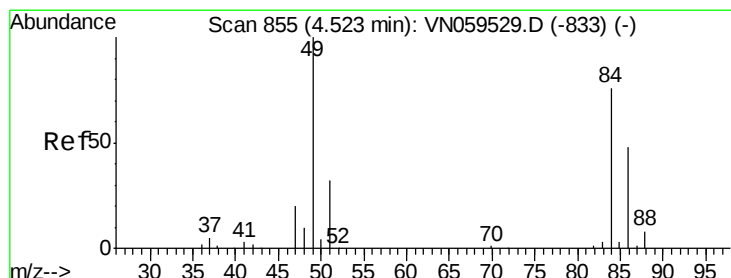
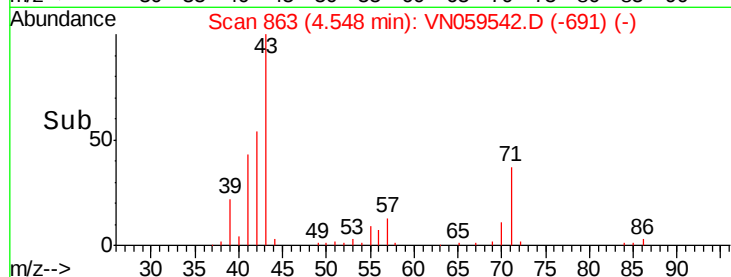
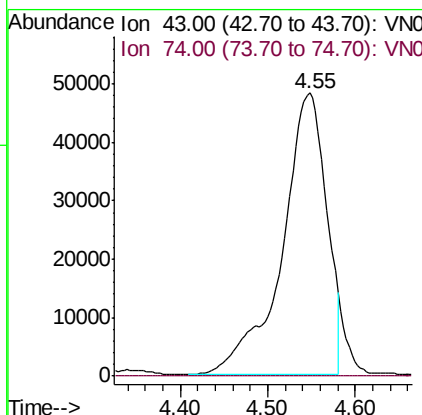
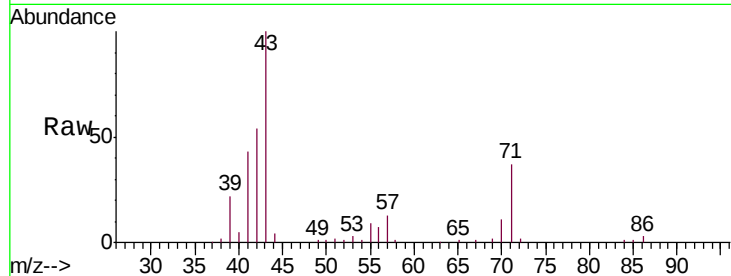




#18
Methyl Acetate
Concen: 40.230 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.25 min
Lab File: VN059542.D
Acq: 10 Dec 2019 13:20

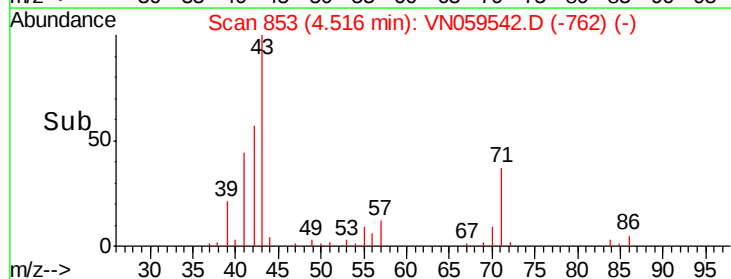
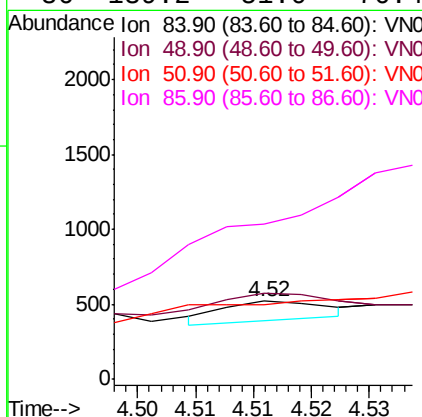
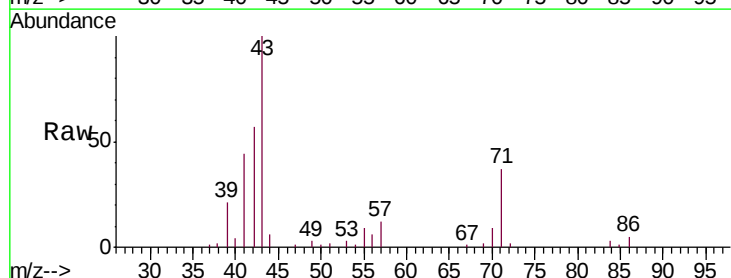
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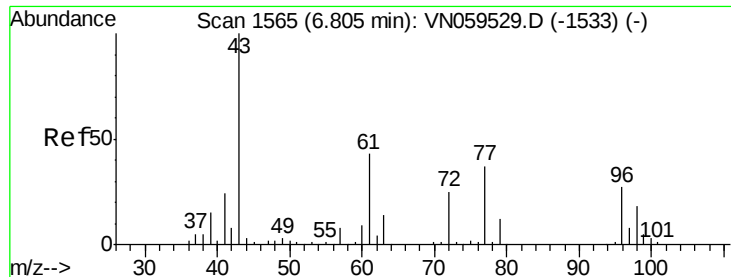
Tgt Ion: 43 Resp: 170059
Ion Ratio Lower Upper
43 100
74 0.0 17.5 26.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN059542.D
Acq: 10 Dec 2019 13:20

Tgt Ion: 84 Resp: 82
Ion Ratio Lower Upper
84 100
49 116.7 105.8 158.8
51 0.0 33.7 50.5#
86 139.2 51.0 76.4#

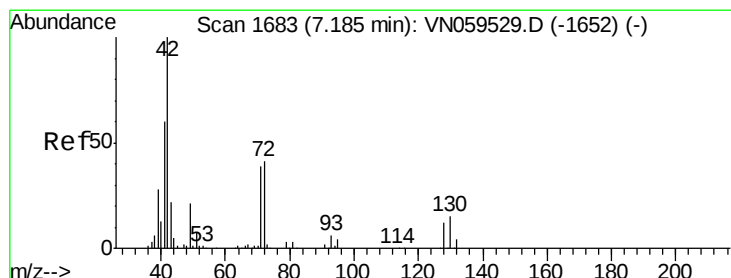
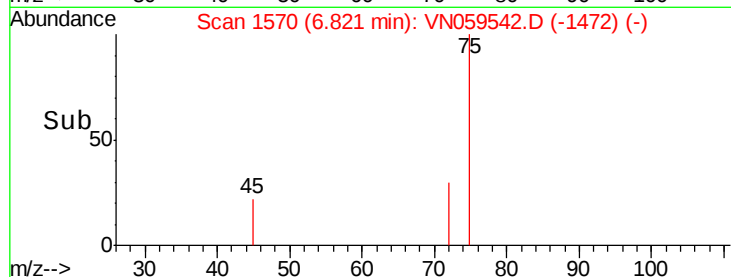
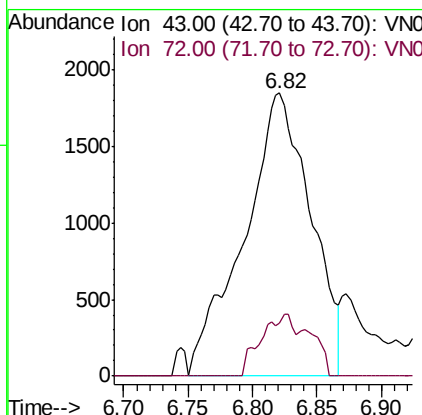
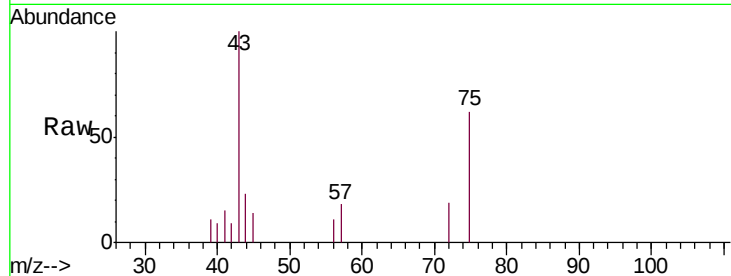




#25
2-Butanone
Concen: 3.083 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. 0.02 min
Lab File: VN059542.D
Acq: 10 Dec 2019 13:20

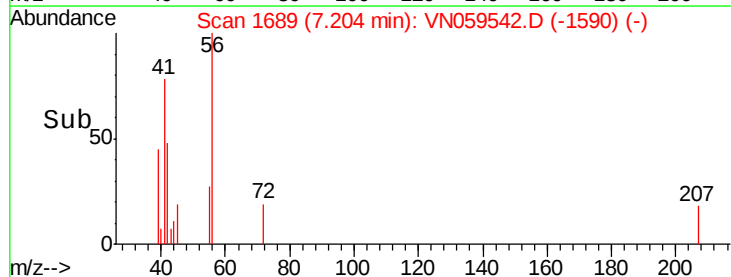
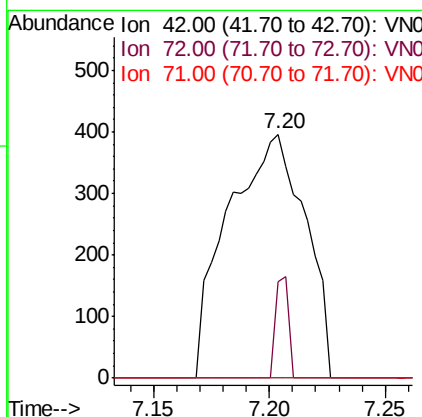
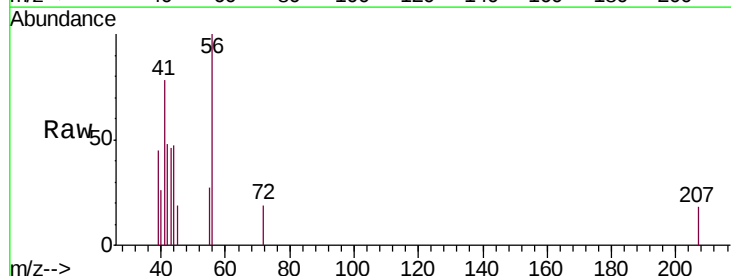
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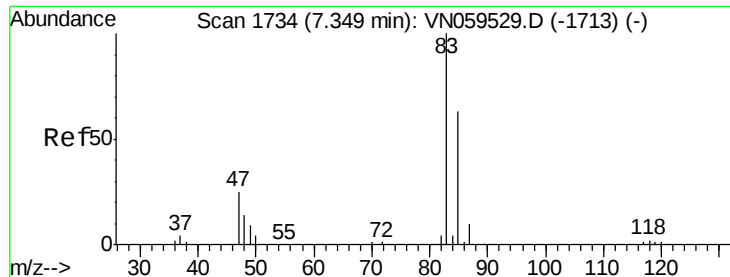
Tgt Ion: 43 Resp: 6681
Ion Ratio Lower Upper
43 100
72 18.5 19.9 29.9#



#29
Tetrahydrofuran
Concen: 0.609 ug/l
RT: 7.20 min Scan# 1689
Delta R.T. 0.02 min
Lab File: VN059542.D
Acq: 10 Dec 2019 13:20

Tgt Ion: 42 Resp: 918
Ion Ratio Lower Upper
42 100
72 6.8 32.7 49.1#
71 0.0 31.4 47.2#





#30

Chloroform

Concen: 0.974 ug/l

RT: 7.30 min Scan# 1719

Delta R.T. -0.05 min

Lab File: VN059542.D

Acq: 10 Dec 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

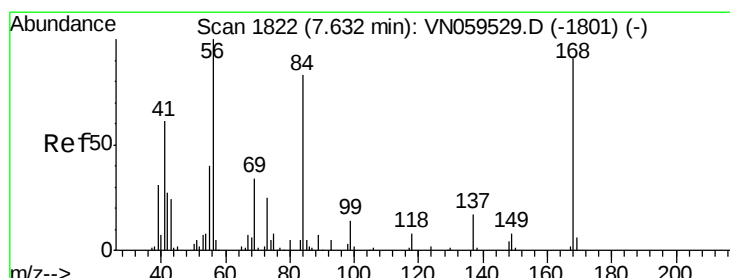
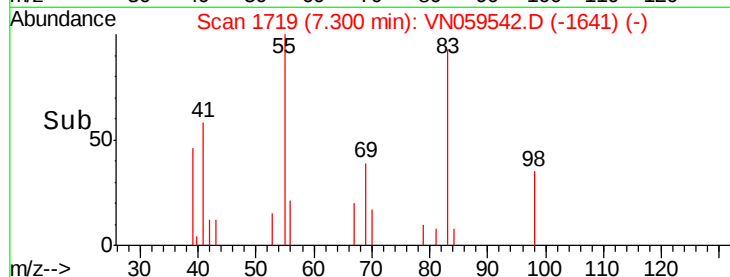
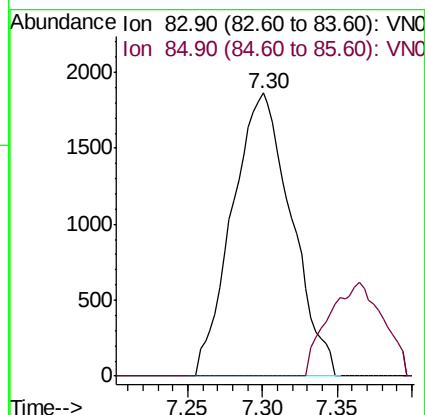
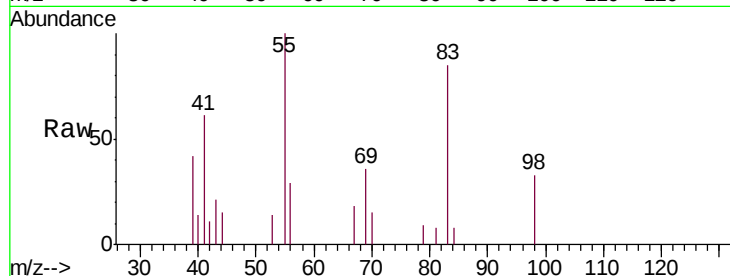
SOLID-COMPME

Tgt Ion: 83 Resp: 5130

Ion Ratio Lower Upper

83 100

85 0.0 50.6 75.8#



#31

Cyclohexane

Concen: 19.192 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.01 min

Lab File: VN059542.D

Acq: 10 Dec 2019 13:20

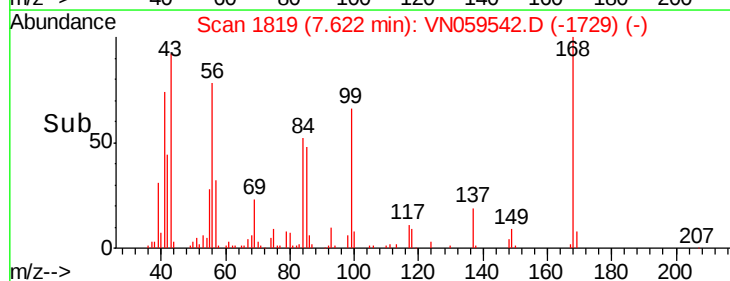
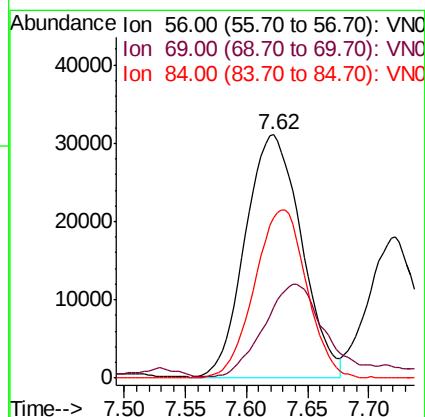
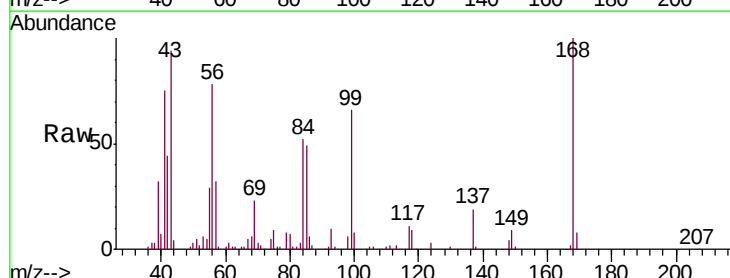
Tgt Ion: 56 Resp: 99670

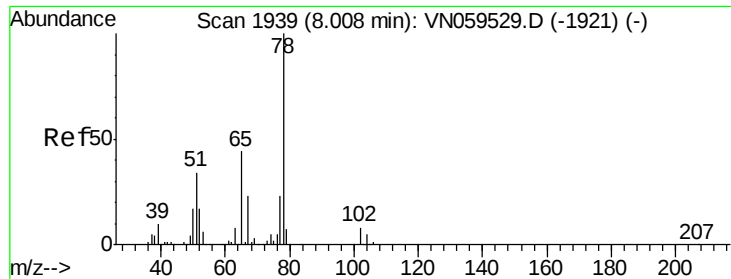
Ion Ratio Lower Upper

56 100

69 28.1 26.9 40.3

84 66.0 66.5 99.7#

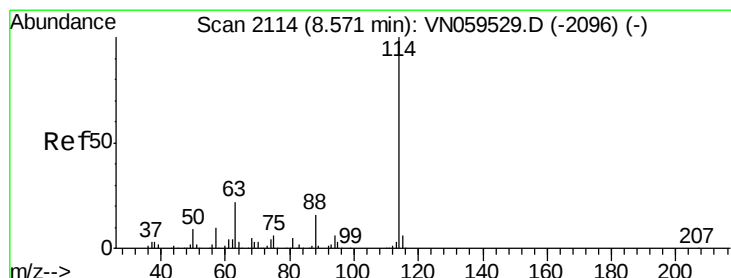
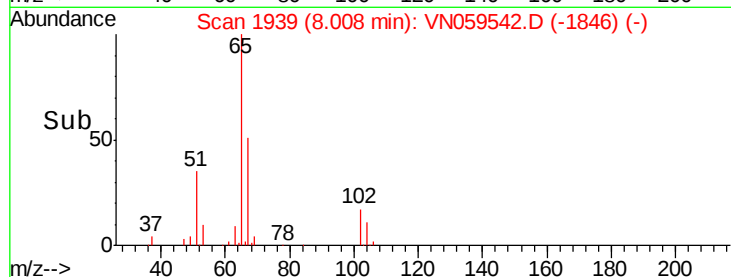
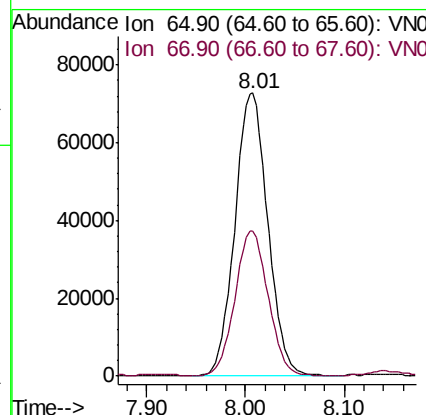
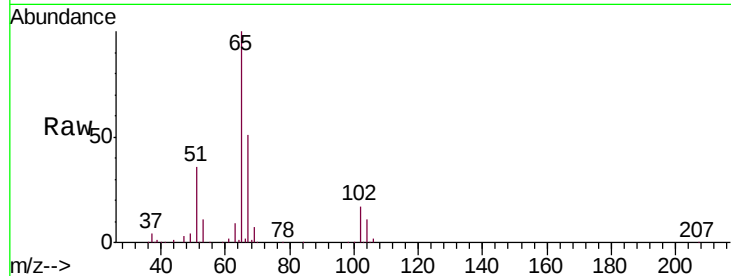




#33
 1,2-Dichloroethane-d4
 Concen: 49.027 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. -0.00 min
 Lab File: VN059542.D
 Acq: 10 Dec 2019 13:20

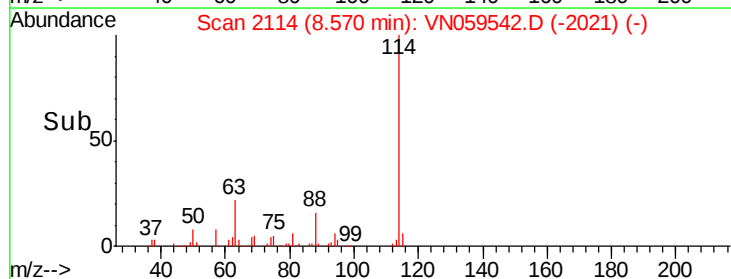
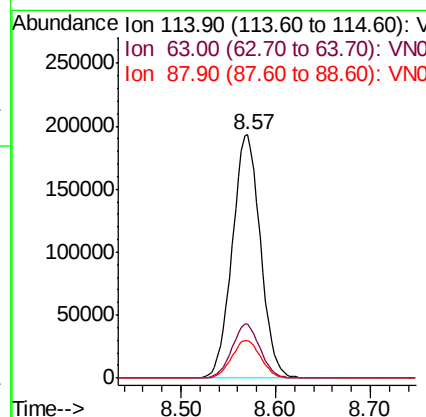
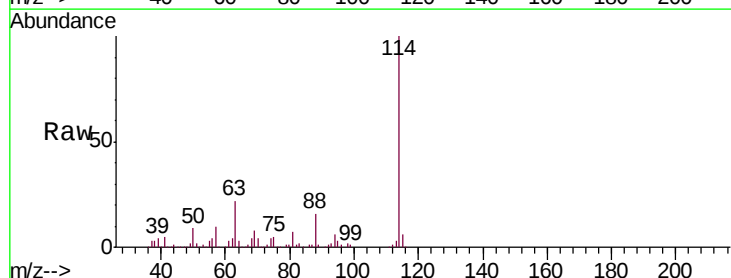
Instrument :
 MSVOA_N
 ClientSampleId :
 SOLID-COMPME

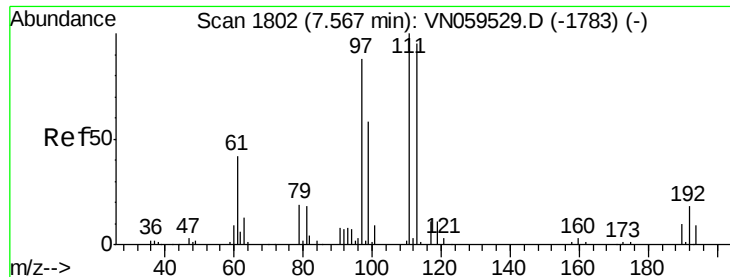
Tgt Ion: 65 Resp: 168975
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VN059542.D
 Acq: 10 Dec 2019 13:20

Tgt Ion: 114 Resp: 398819
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 45.0
 88 15.6 0.0 32.2

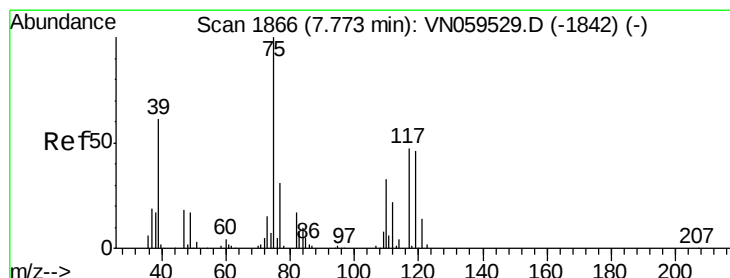
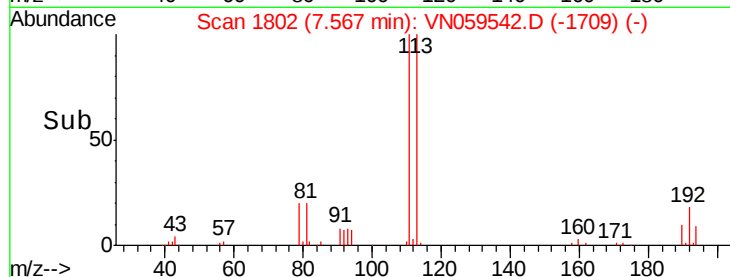
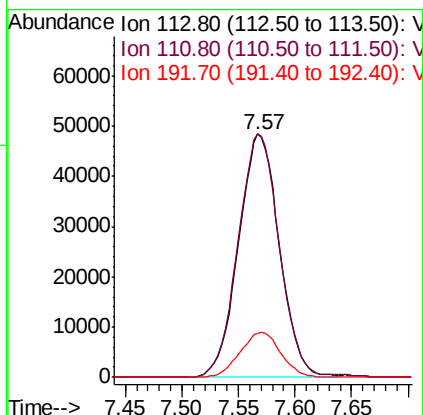
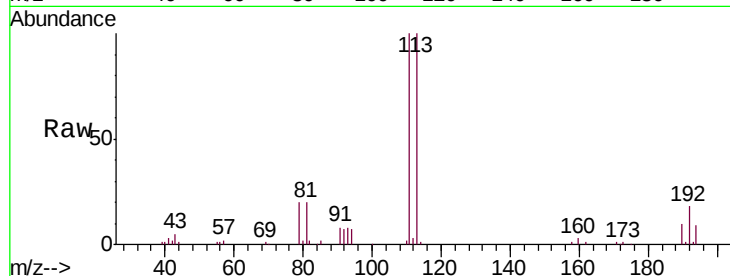




#35
 Dibromofluoromethane
 Concen: 50.870 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059542.D
 Acq: 10 Dec 2019 13:20

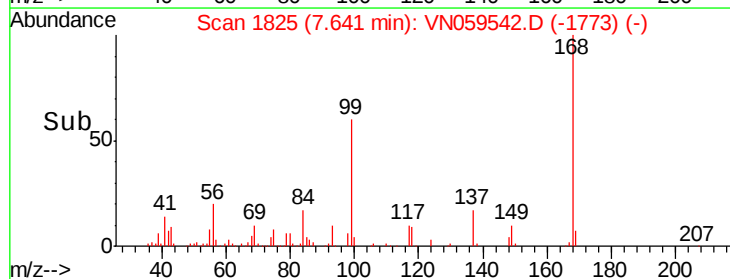
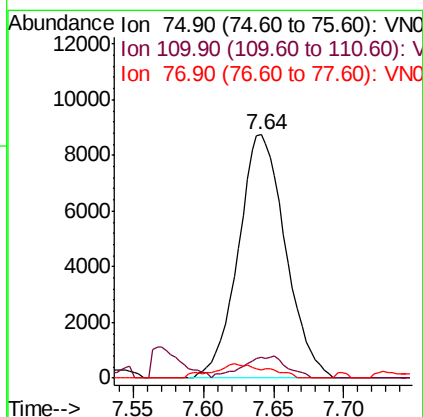
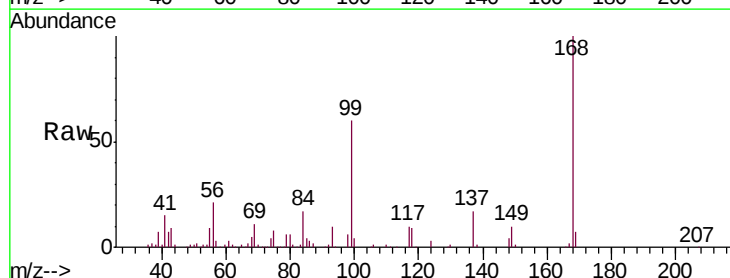
Instrument :
 MSVOA_N
 ClientSampleId :
 SOLID-COMPME

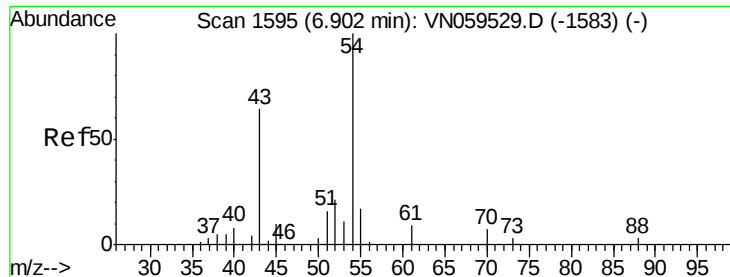
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.2	123.4
192	18.4	14.8	22.2



#36
 1,1-Dichloropropene
 Concen: 4.988 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.13 min
 Lab File: VN059542.D
 Acq: 10 Dec 2019 13:20

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.5	16.7	50.0#
77	0.0	24.6	37.0#

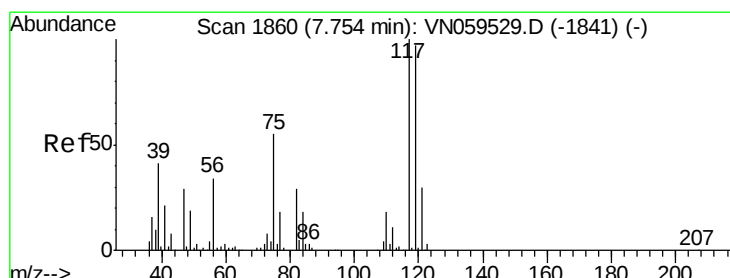
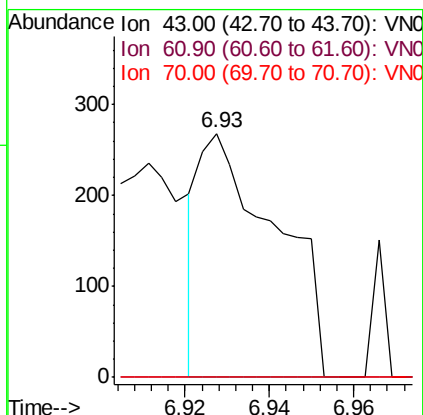
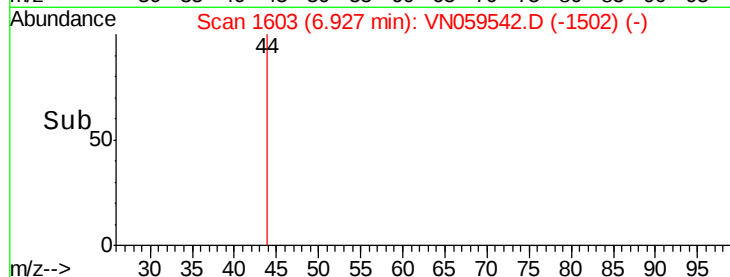
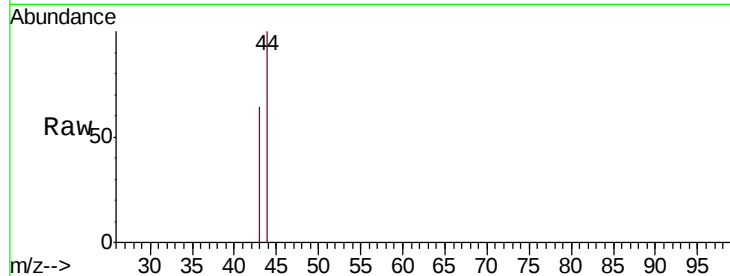




#37
 Ethyl Acetate
 Concen: 1.606 ug/l
 RT: 6.93 min Scan# 1603
 Delta R.T. 0.03 min
 Lab File: VN059542.D
 Acq: 10 Dec 2019 13:20

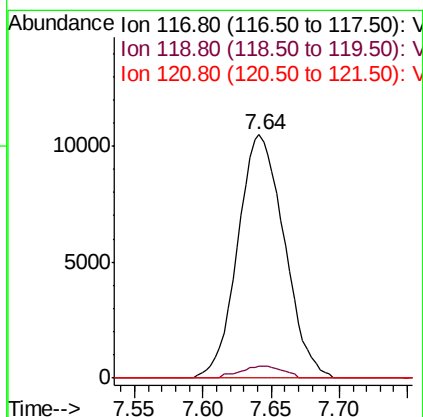
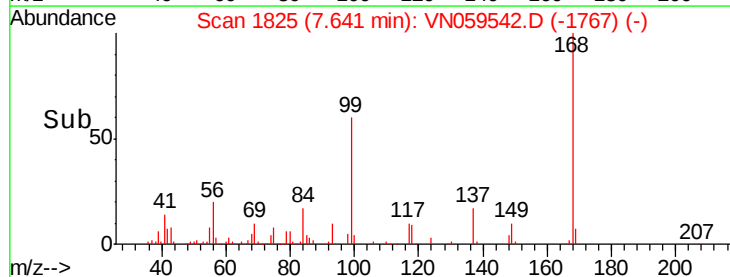
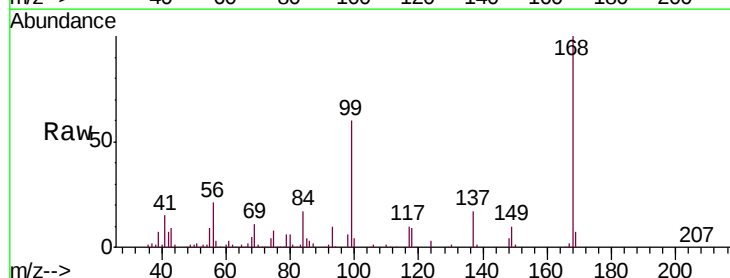
Instrument :
 MSVOA_N
 ClientSampleId :
 SOLID-COMPME

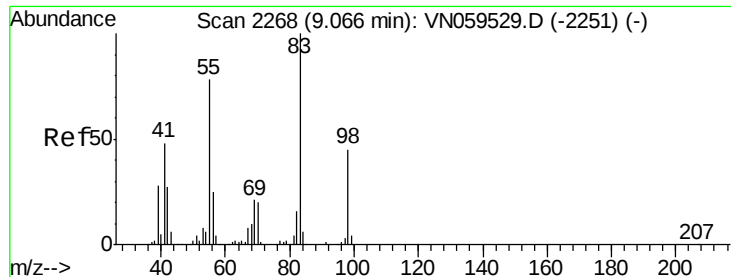
Tgt Ion: 43 Resp: 337
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.0 16.6#
 70 0.0 7.7 11.5#



#38
 Carbon Tetrachloride
 Concen: 6.148 ug/l
 RT: 7.64 min Scan# 1825
 Delta R.T. -0.11 min
 Lab File: VN059542.D
 Acq: 10 Dec 2019 13:20

Tgt Ion: 117 Resp: 24797
 Ion Ratio Lower Upper
 117 100
 119 4.8 77.0 115.4#
 121 0.0 24.1 36.1#

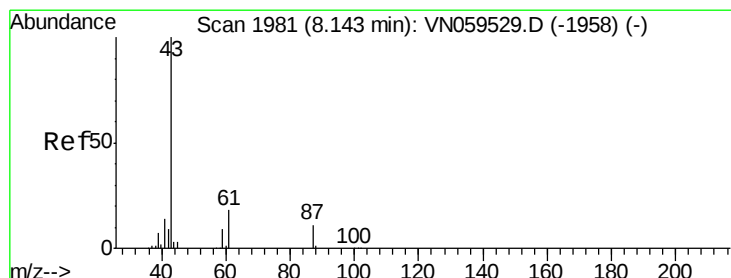
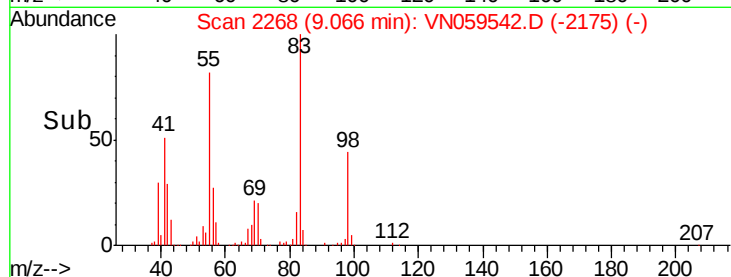
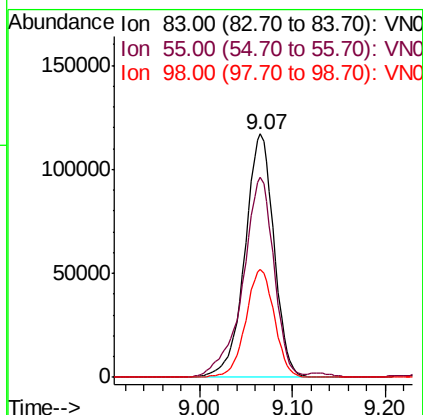
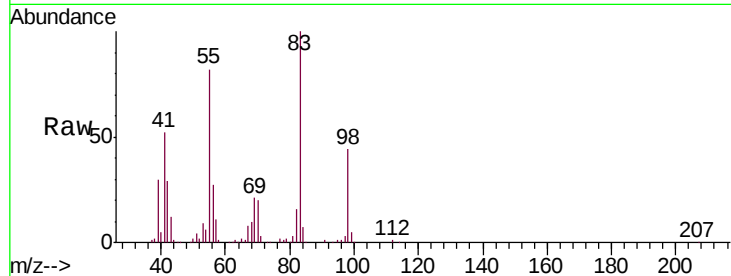




#39
Methylcyclohexane
Concen: 55.385 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059542.D
Acq: 10 Dec 2019 13:20

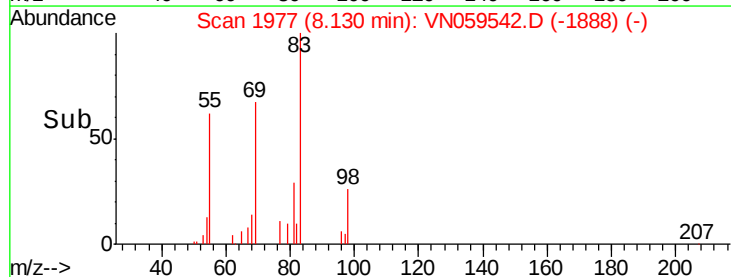
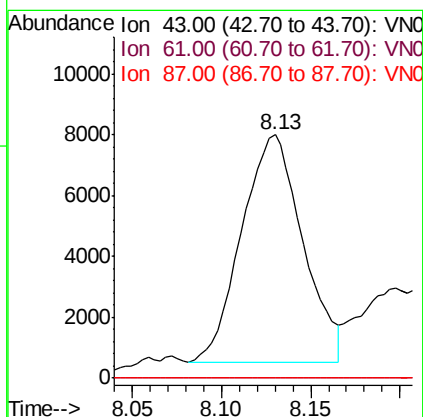
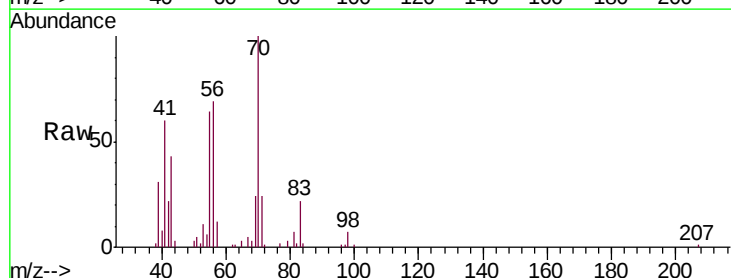
Instrument :
MSVOA_N
ClientSampleId :
SOLID-COMPME

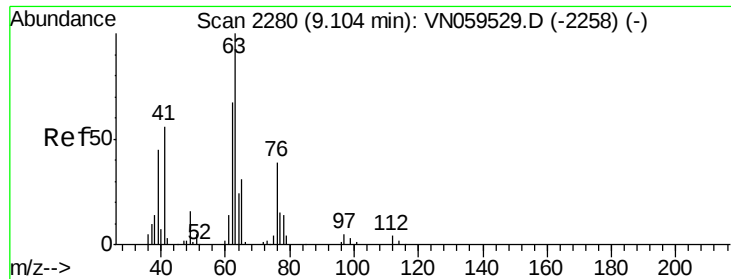
Tgt Ion: 83 Resp: 254205
Ion Ratio Lower Upper
83 100
55 81.9 62.7 94.1
98 44.1 35.7 53.5



#43
Isopropyl Acetate
Concen: 2.533 ug/l
RT: 8.13 min Scan# 1977
Delta R.T. -0.01 min
Lab File: VN059542.D
Acq: 10 Dec 2019 13:20

Tgt Ion: 43 Resp: 17891
Ion Ratio Lower Upper
43 100
61 0.0 19.8 29.6#
87 0.0 9.4 14.2#





#45

1,2-Dichloropropane

Concen: 0.934 ug/l

RT: 9.07 min Scan# 2269

Delta R.T. -0.04 min

Lab File: VN059542.D

Acq: 10 Dec 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

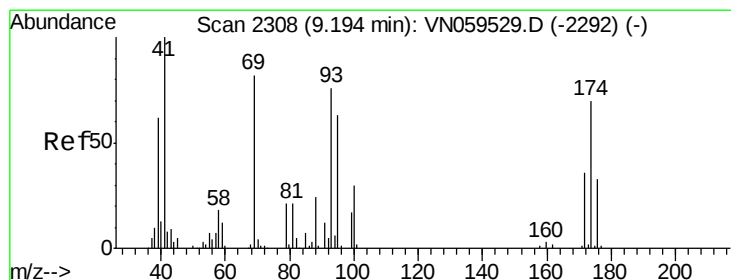
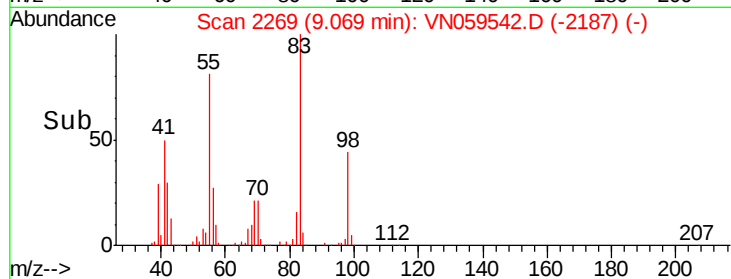
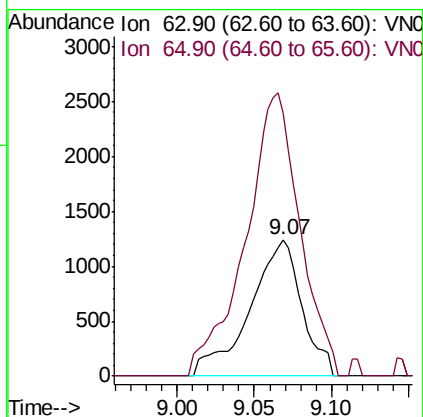
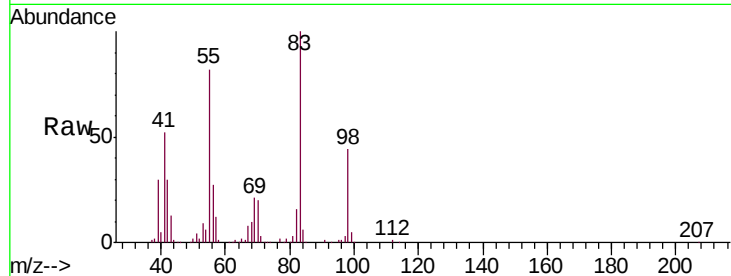
SOLID-COMPME

Tgt Ion: 63 Resp: 2891

Ion Ratio Lower Upper

63 100

65 193.0 24.8 37.2#



#46

Dibromomethane

Concen: 0.217 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. -0.12 min

Lab File: VN059542.D

Acq: 10 Dec 2019 13:20

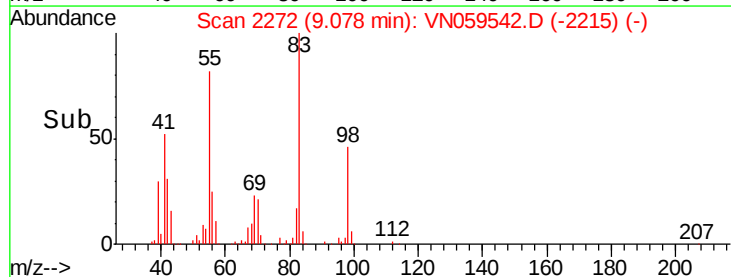
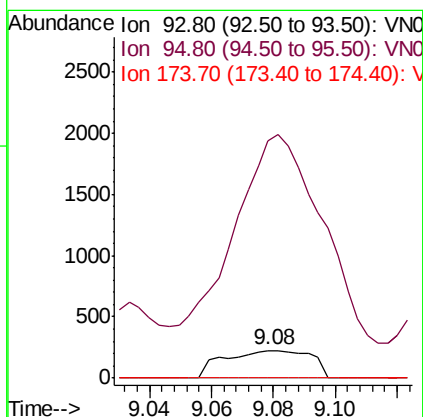
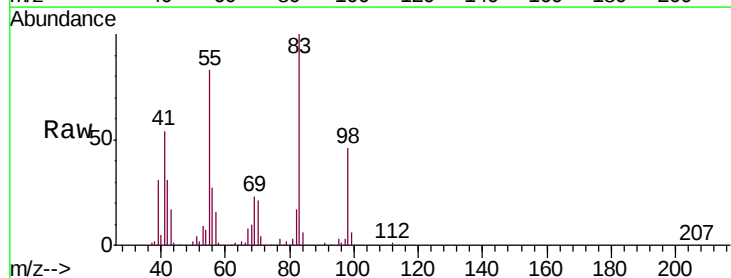
Tgt Ion: 93 Resp: 445

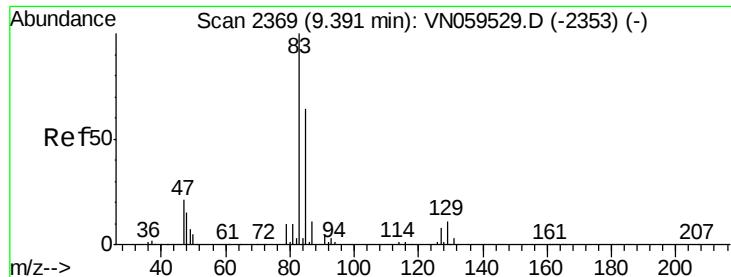
Ion Ratio Lower Upper

93 100

95 1004.9 67.0 100.6#

174 0.0 75.6 113.4#





#47

Bromodichloromethane

Concen: 2.552 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.02 min

Lab File: VN059542.D

Acq: 10 Dec 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

SOLID-COMPME

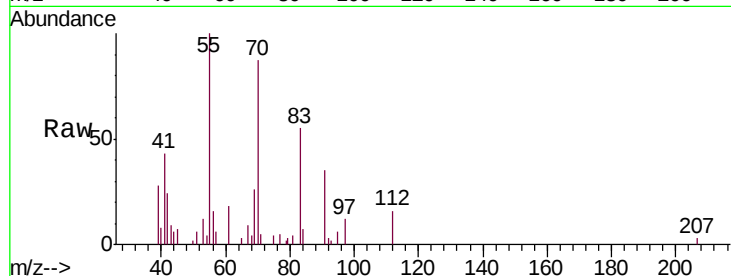
Tgt Ion: 83 Resp: 10380

Ion Ratio Lower Upper

83 100

85 0.0 51.4 77.0#

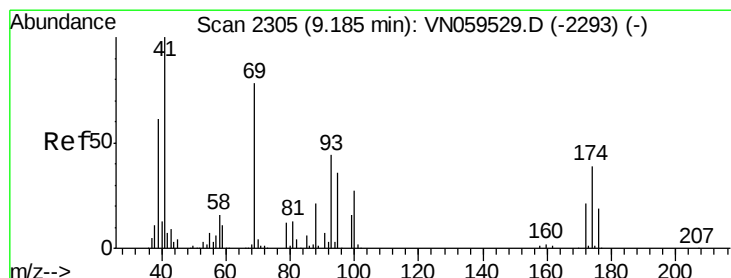
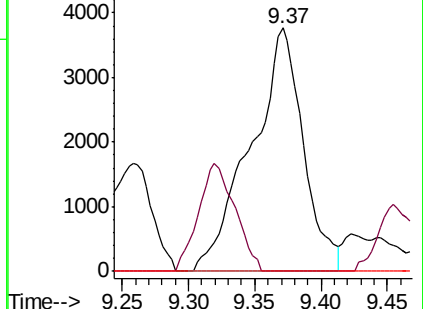
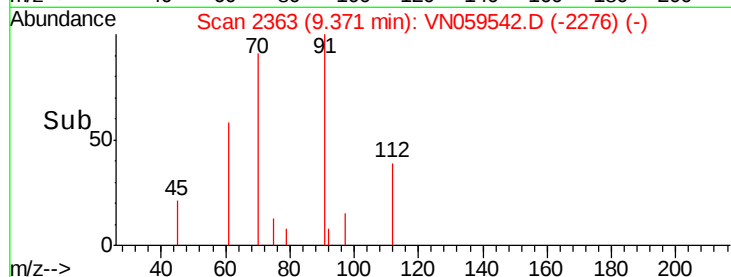
127 0.0 6.7 10.1#



Abundance Ion 82.90 (82.60 to 83.60): VN059542.D (-2276) (-)

Ion 84.90 (84.60 to 85.60): VN059542.D (-2276) (-)

Ion 126.80 (126.50 to 127.50): VN059542.D (-2276) (-)



#48

Methyl methacrylate

Concen: 3.926 ug/l

RT: 9.13 min Scan# 2287

Delta R.T. -0.06 min

Lab File: VN059542.D

Acq: 10 Dec 2019 13:20

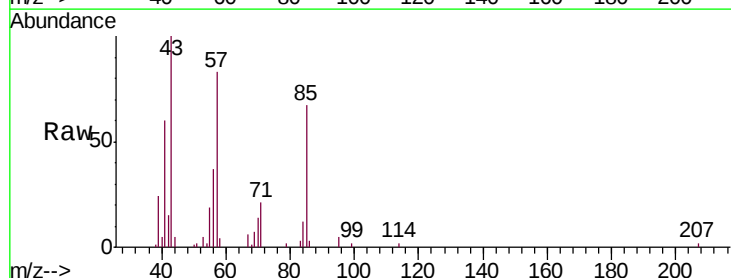
Tgt Ion: 41 Resp: 12124

Ion Ratio Lower Upper

41 100

69 0.0 64.0 96.0#

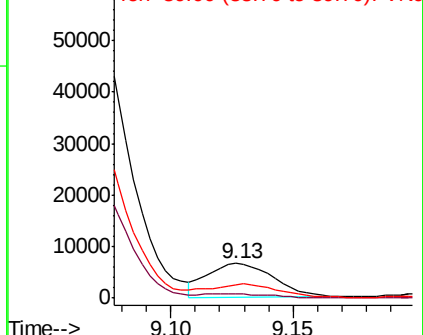
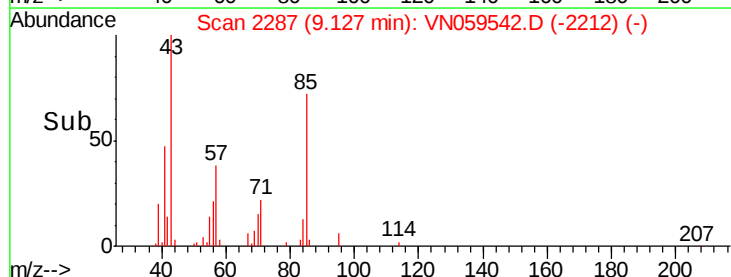
39 31.7 50.0 75.0#

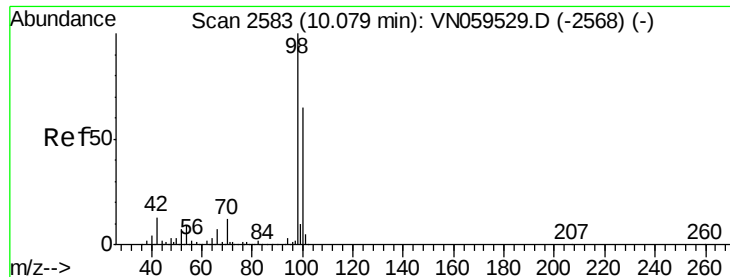


Abundance Ion 41.00 (40.70 to 41.70): VN059542.D (-2212) (-)

Ion 69.00 (68.70 to 69.70): VN059542.D (-2212) (-)

Ion 39.00 (38.70 to 39.70): VN059542.D (-2212) (-)





#50

Toluene-d8

Concen: 55.528 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.01 min

Lab File: VN059542.D

Acq: 10 Dec 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

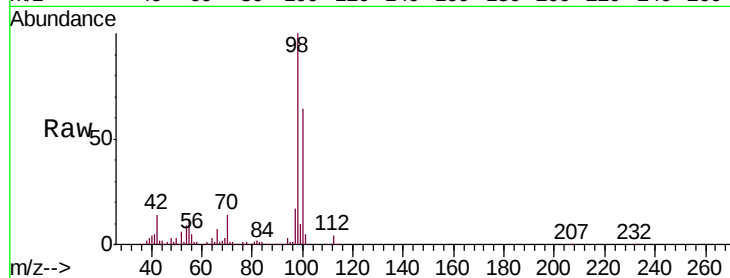
SOLID-COMPME

Tgt Ion: 98 Resp: 539517

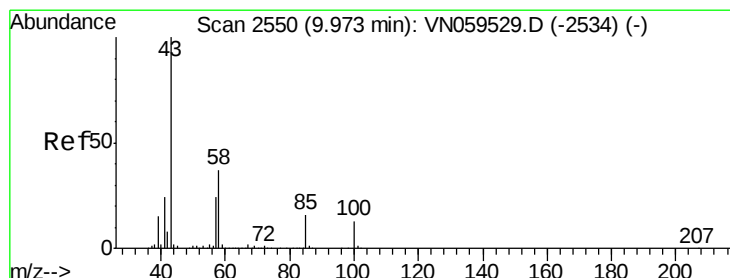
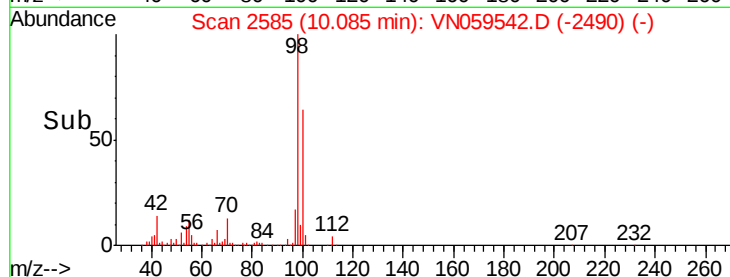
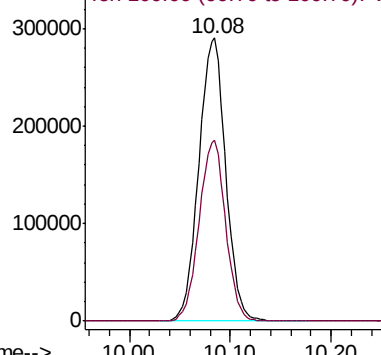
Ion Ratio Lower Upper

98 100

100 62.9 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN059529.D (-2568) (-)



#51

4-Methyl-2-Pentanone

Concen: 1.676 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.11 min

Lab File: VN059542.D

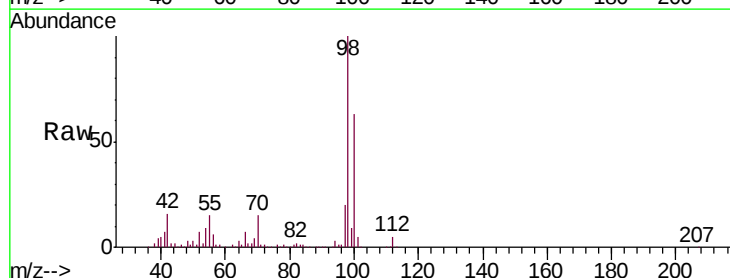
Acq: 10 Dec 2019 13:20

Tgt Ion: 43 Resp: 11135

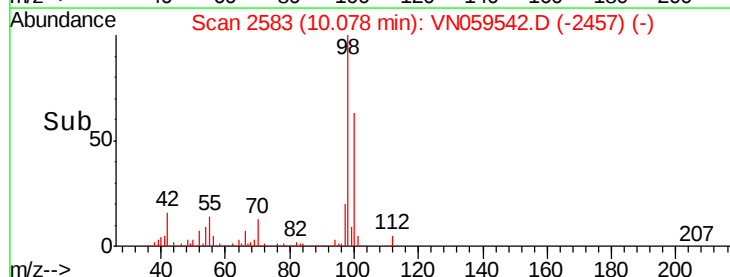
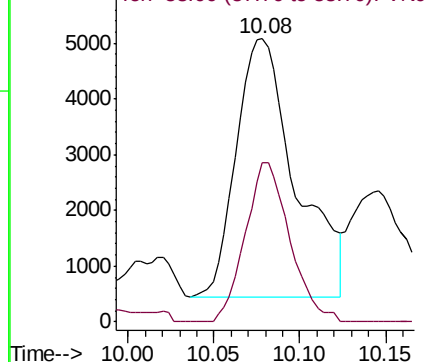
Ion Ratio Lower Upper

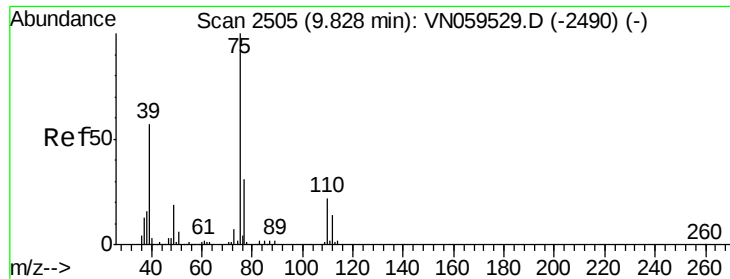
43 100

58 46.3 30.1 45.1#



Abundance Ion 43.00 (42.70 to 43.70): VN059529.D (-2534) (-)





#54

cis-1,3-Dichloropropene

Concen: 0.519 ug/l

RT: 9.58 min Scan# 2429

Delta R.T. -0.24 min

Lab File: VN059542.D

Acq: 10 Dec 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

SOLID-COMPME

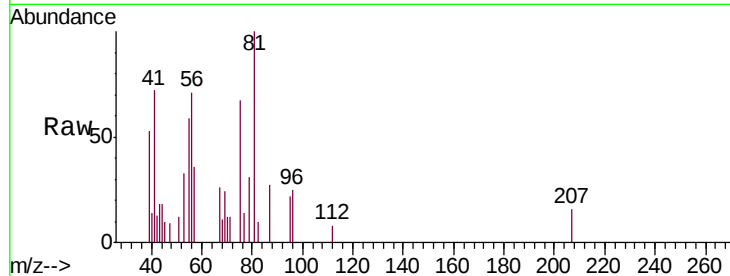
Tgt Ion: 75 Resp: 2519

Ion Ratio Lower Upper

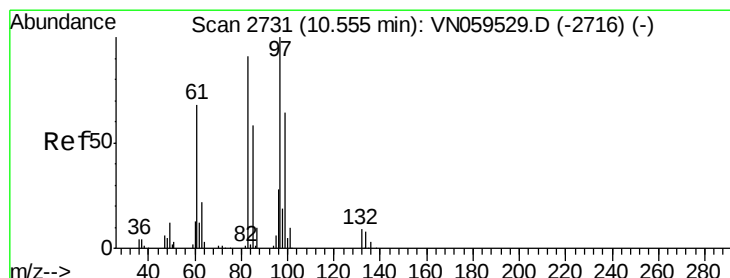
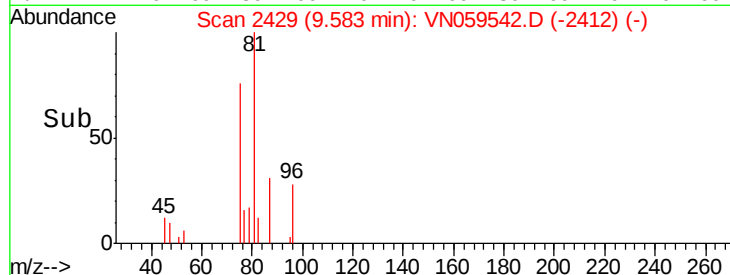
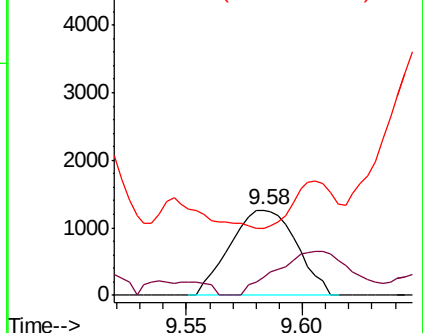
75 100

77 5.3 24.6 36.8#

39 0.0 45.6 68.4#



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



#55

1,1,2-Trichloroethane

Concen: 10.959 ug/l

RT: 10.52 min Scan# 2721

Delta R.T. -0.03 min

Lab File: VN059542.D

Acq: 10 Dec 2019 13:20

Tgt Ion: 97 Resp: 30870

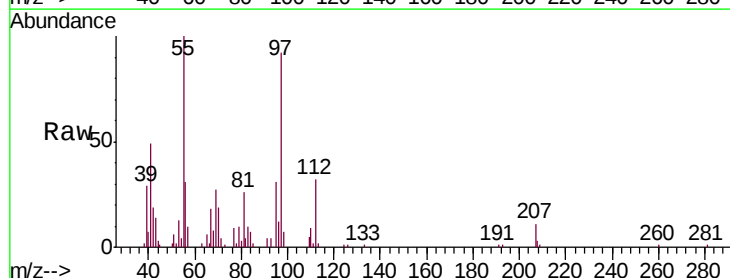
Ion Ratio Lower Upper

97 100

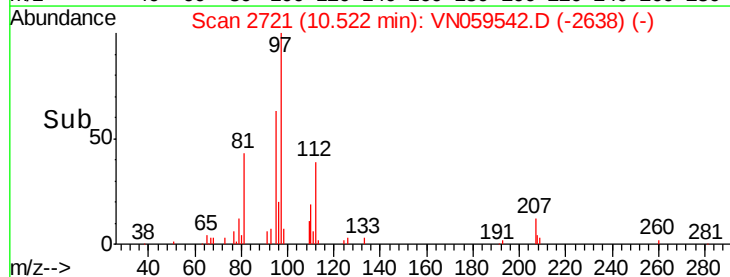
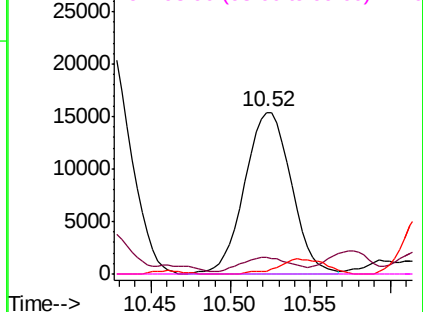
83 5.7 72.9 109.3#

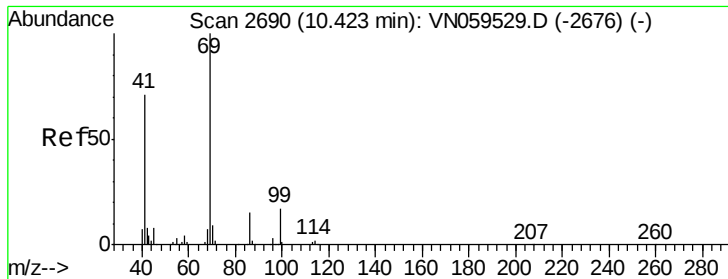
85 0.6 46.1 69.1#

99 0.0 50.8 76.2#



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 98.90 (98.60 to 99.60): VNO





#56

Ethyl methacrylate

Concen: 3.854 ug/l

RT: 10.43 min Scan# 2691

Delta R.T. 0.00 min

Lab File: VN059542.D

Acq: 10 Dec 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

SOLID-COMPME

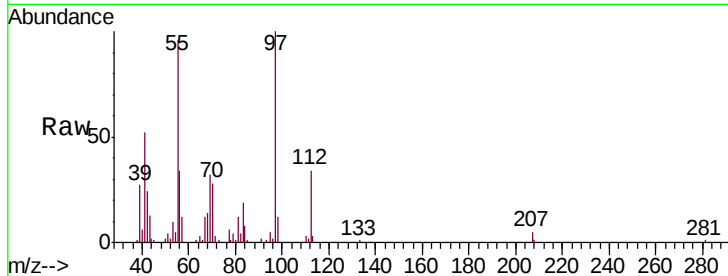
Tgt Ion: 69 Resp: 8750

Ion Ratio Lower Upper

69 100

41 141.6 57.7 86.5#

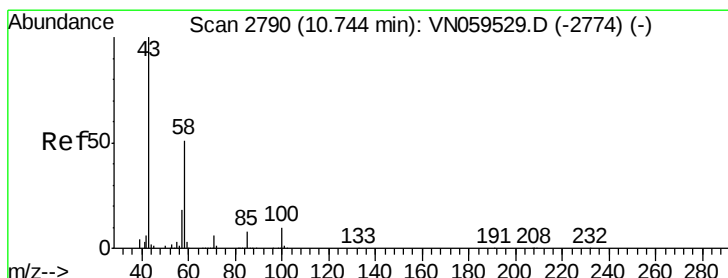
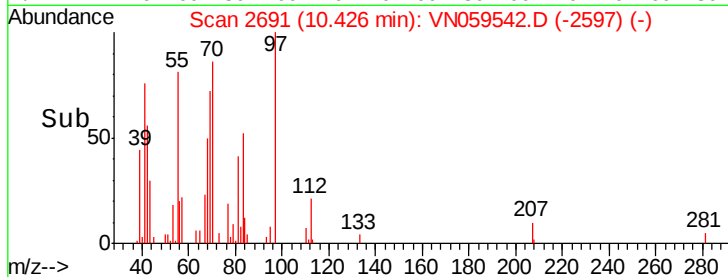
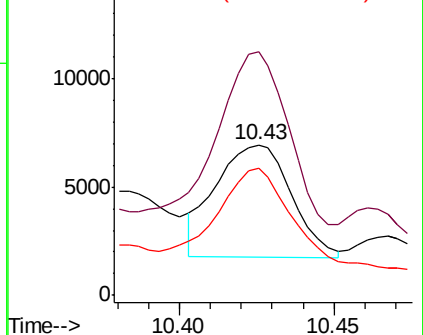
39 108.9 34.2 51.2#



Abundance Ion 69.00 (68.70 to 69.70): VN059542.D (-2697) (-)

Ion 41.00 (40.70 to 41.70): VN059542.D (-2697) (-)

Ion 39.00 (38.70 to 39.70): VN059542.D (-2697) (-)



#59

2-Hexanone

Concen: 16.660 ug/l

RT: 10.71 min Scan# 2780

Delta R.T. -0.03 min

Lab File: VN059542.D

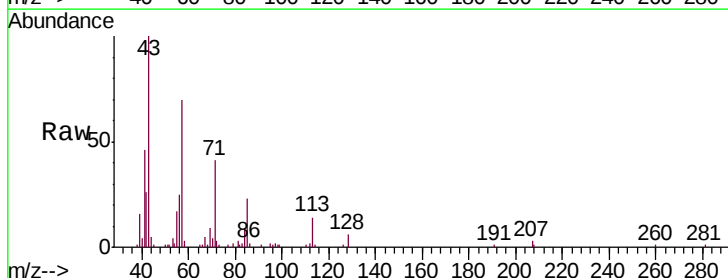
Acq: 10 Dec 2019 13:20

Tgt Ion: 43 Resp: 49961

Ion Ratio Lower Upper

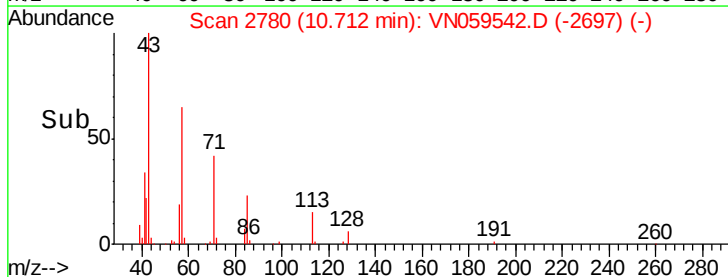
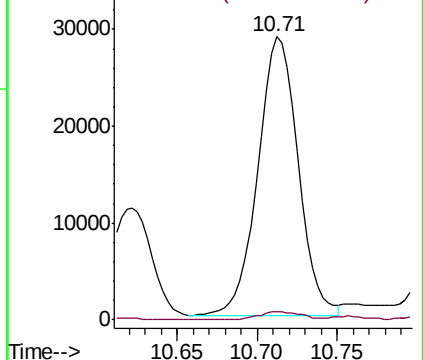
43 100

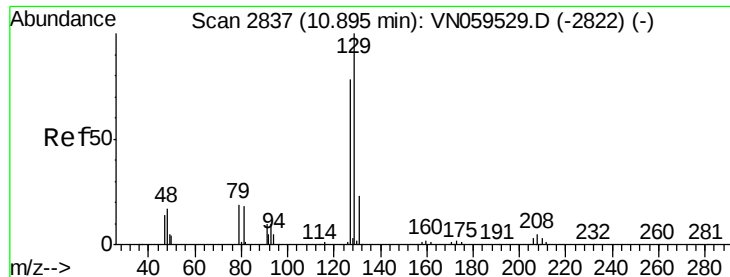
58 3.1 25.9 77.6#



Abundance Ion 43.00 (42.70 to 43.70): VN059542.D (-2697) (-)

Ion 58.00 (57.70 to 58.70): VN059542.D (-2697) (-)

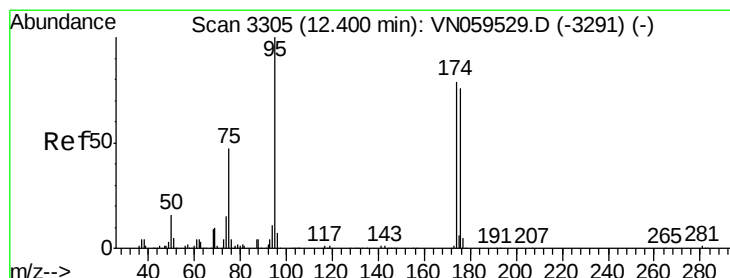
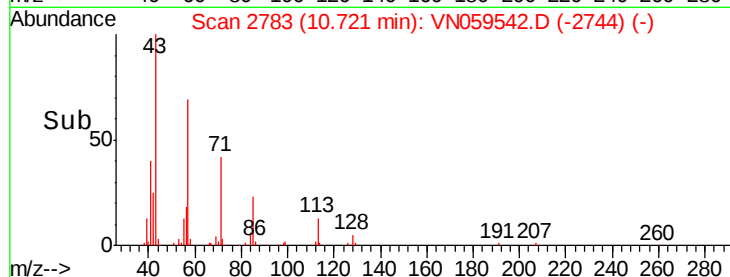
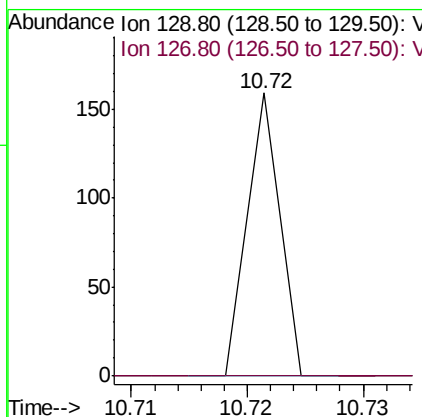
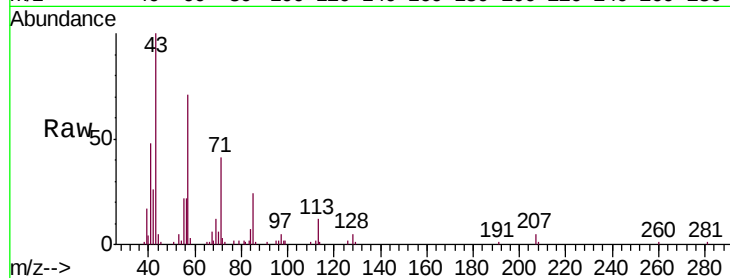




#60
 Dibromochloromethane
 Concen: 1.057 ug/l
 RT: 10.72 min Scan# 2783
 Delta R.T. -0.17 min
 Lab File: VN059542.D
 Acq: 10 Dec 2019 13:20

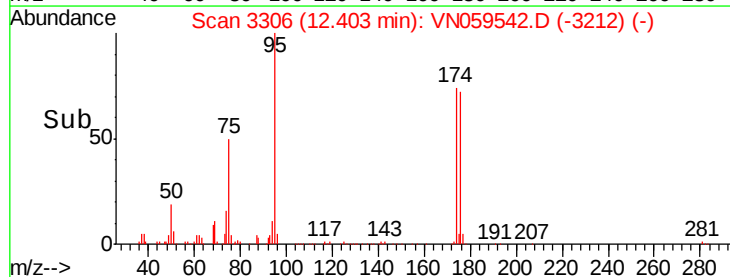
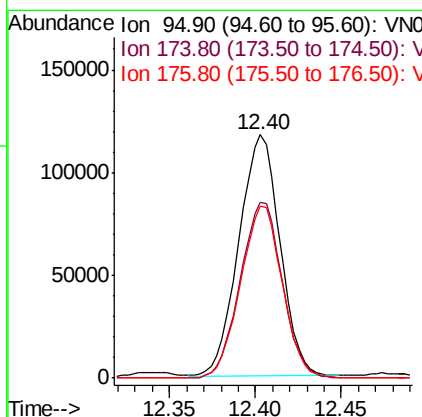
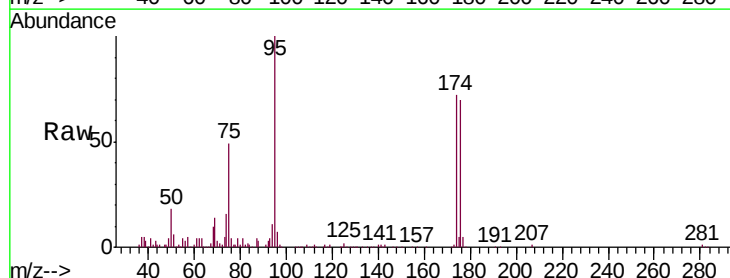
Instrument :
 MSVOA_N
 ClientSampleId :
 SOLID-COMPME

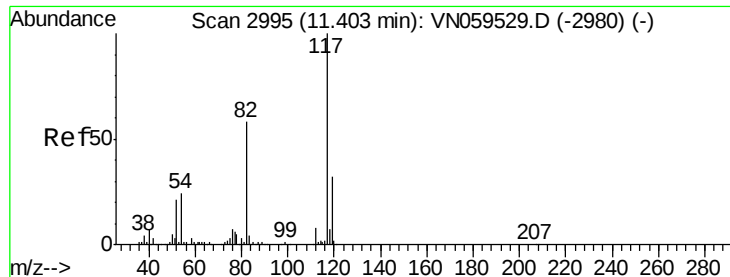
Tgt Ion: 129 Resp: 31
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.9 116.6#



#62
 4-Bromofluorobenzene
 Concen: 54.155 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN059542.D
 Acq: 10 Dec 2019 13:20

Tgt Ion: 95 Resp: 194773
 Ion Ratio Lower Upper
 95 100
 174 74.6 0.0 158.0
 176 72.5 0.0 155.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN059542.D

Acq: 10 Dec 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

SOLID-COMPME

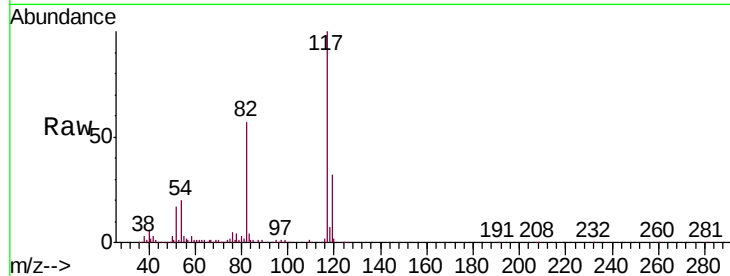
Tgt Ion:117 Resp: 379375

Ion Ratio Lower Upper

117 100

82 56.0 46.5 69.7

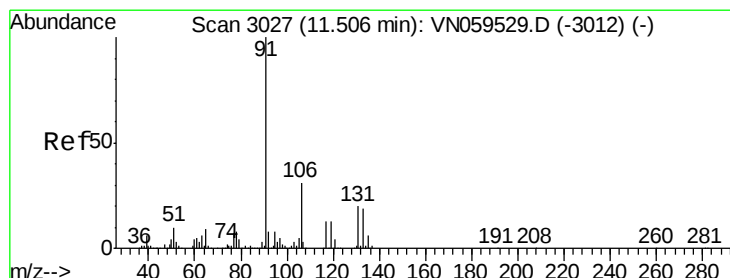
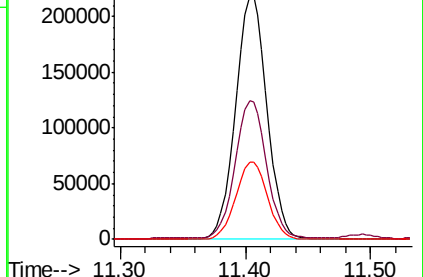
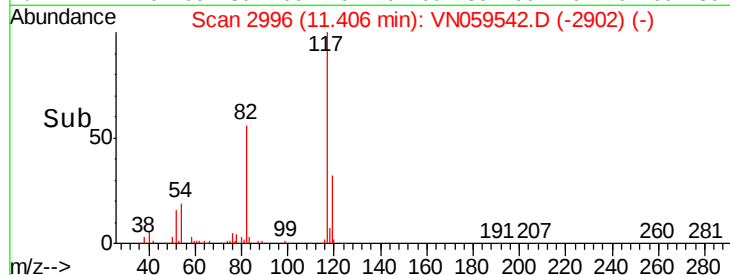
119 31.8 25.2 37.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 1.400 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059542.D

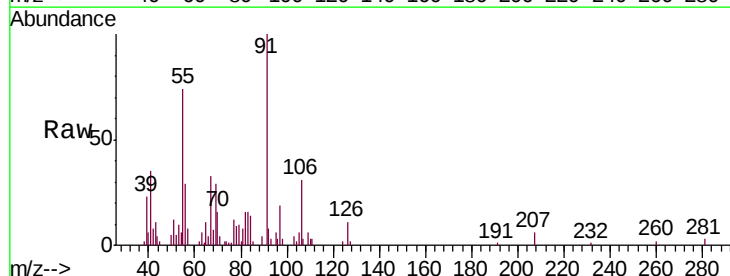
Acq: 10 Dec 2019 13:20

Tgt Ion: 91 Resp: 20019

Ion Ratio Lower Upper

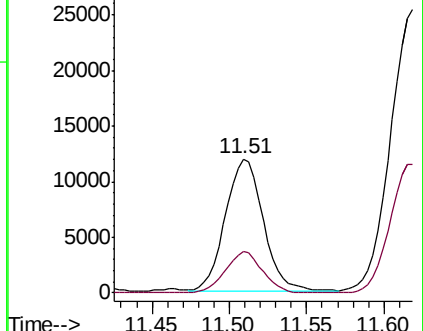
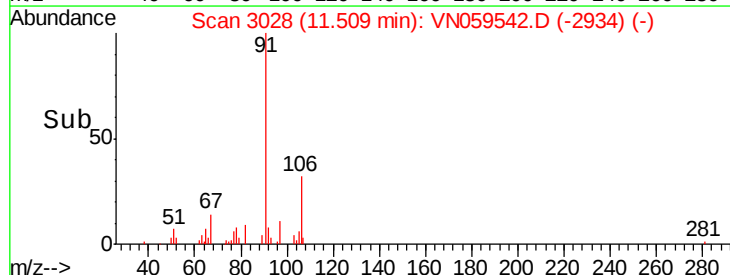
91 100

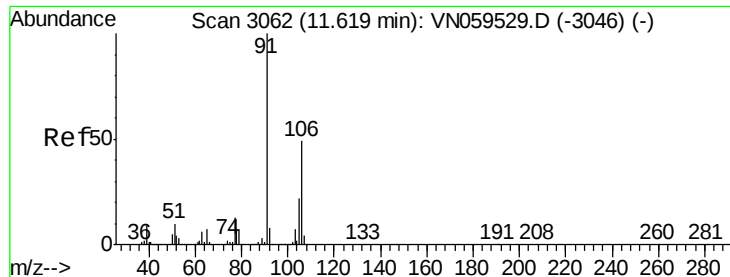
106 31.3 24.5 36.7



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

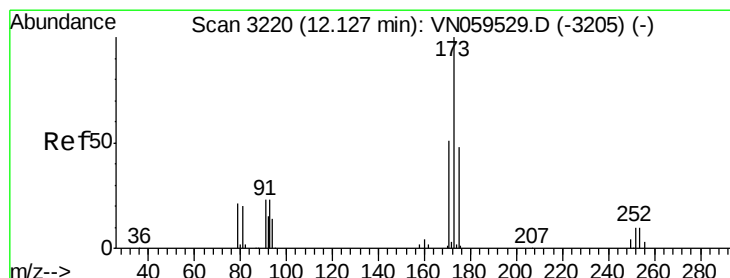
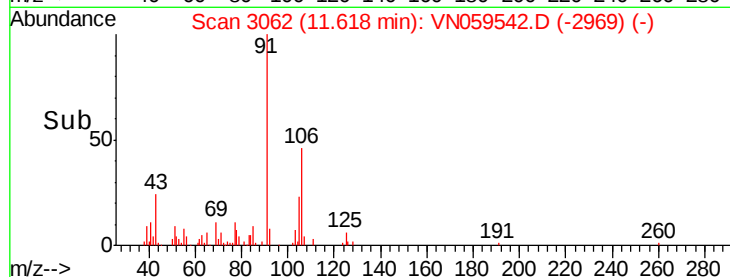
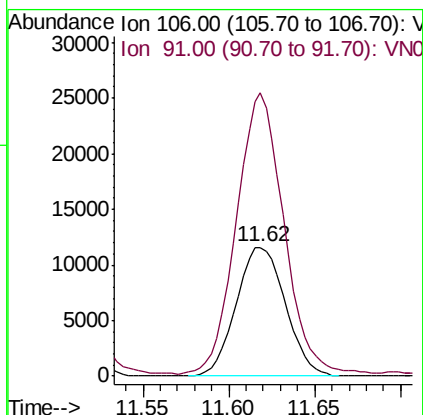
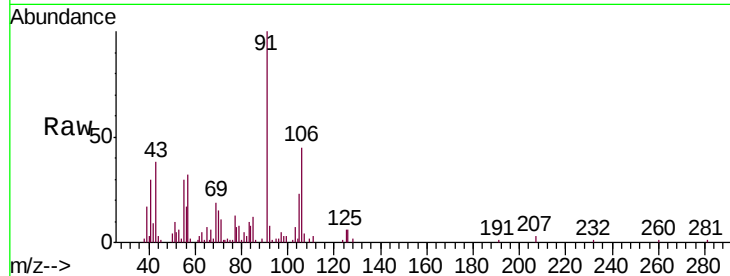




#68
m/p-Xylenes
Concen: 4.290 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN059542.D
Acq: 10 Dec 2019 13:20

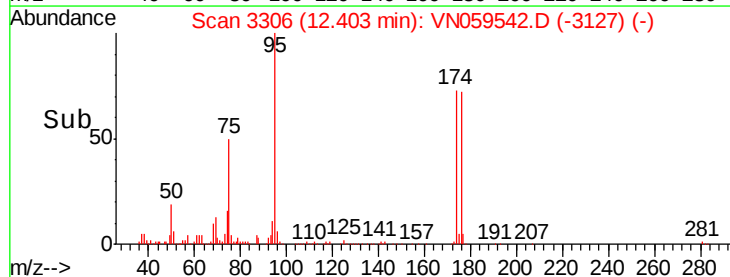
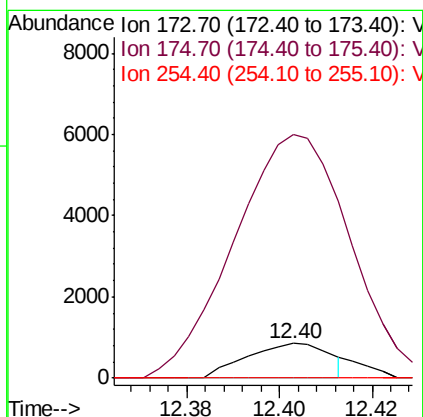
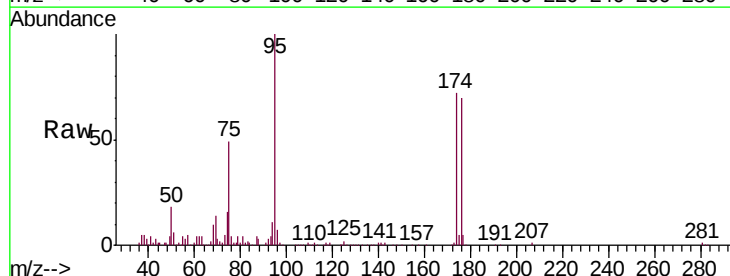
Instrument :
MSVOA_N
ClientSampleId :
SOLID-COMPME

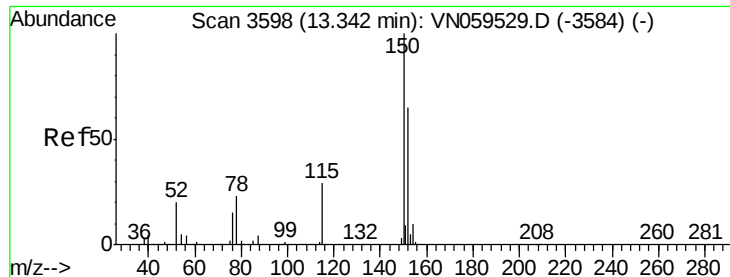
Tgt Ion:106 Resp: 23018
Ion Ratio Lower Upper
106 100
91 209.6 162.9 244.3



#71
Bromoform
Concen: 0.456 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN059542.D
Acq: 10 Dec 2019 13:20

Tgt Ion:173 Resp: 1063
Ion Ratio Lower Upper
173 100
175 834.6 24.1 72.4#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059542.D

Acq: 10 Dec 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

SOLID-COMPME

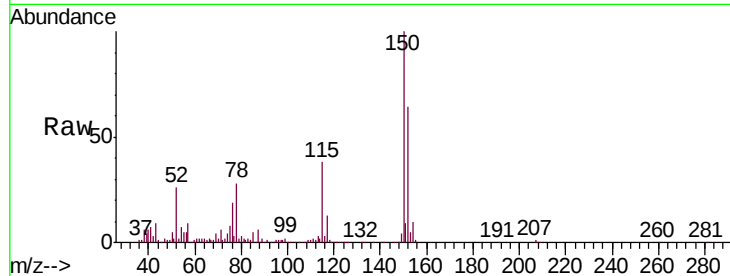
Tgt Ion:152 Resp: 153262

Ion Ratio Lower Upper

152 100

115 60.2 29.4 88.2

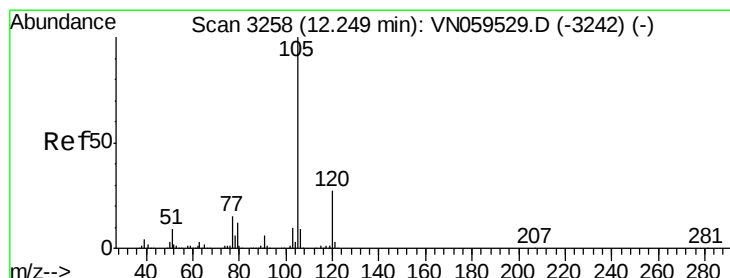
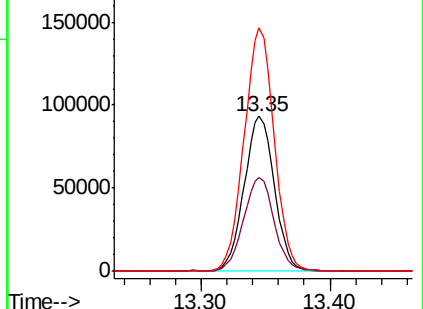
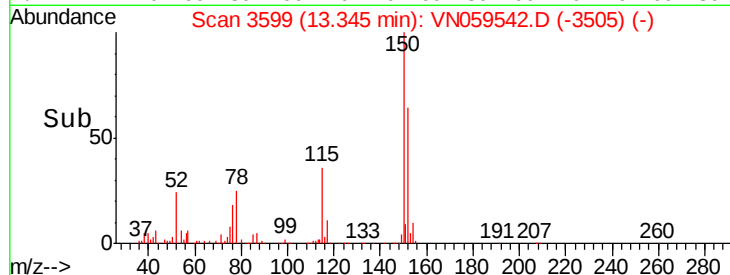
150 155.6 0.0 342.4



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.887 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059542.D

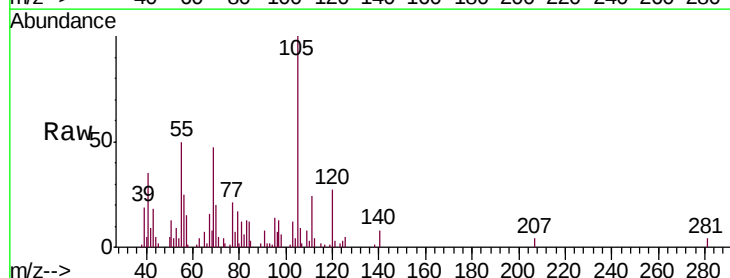
Acq: 10 Dec 2019 13:20

Tgt Ion:105 Resp: 21695

Ion Ratio Lower Upper

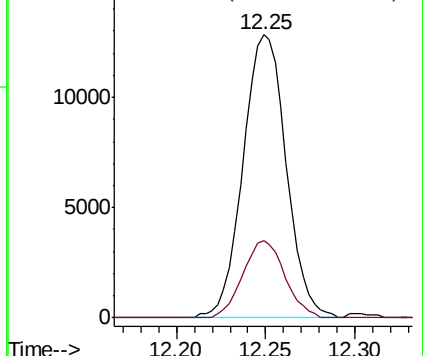
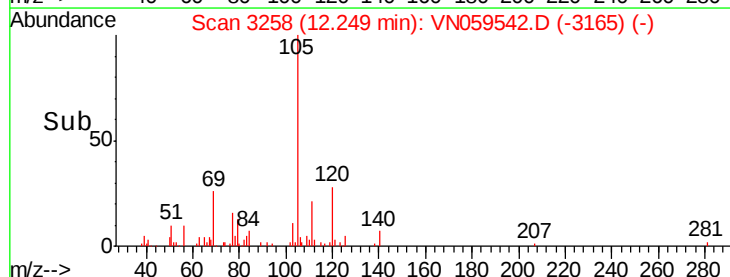
105 100

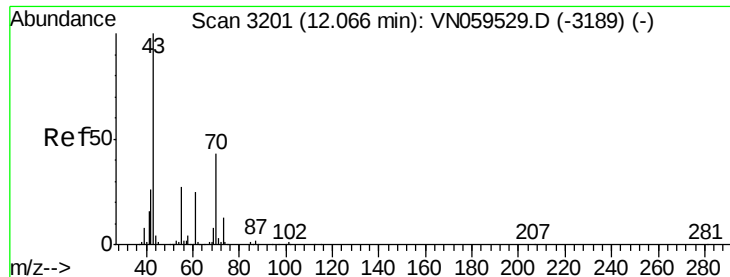
120 26.4 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

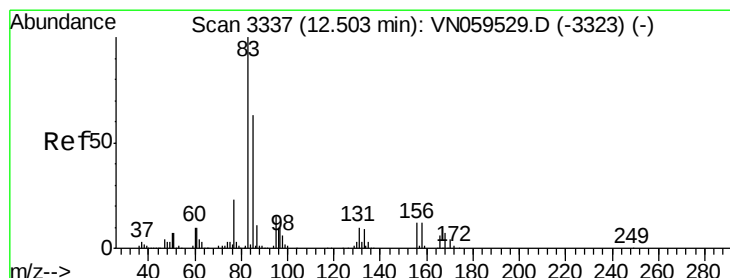
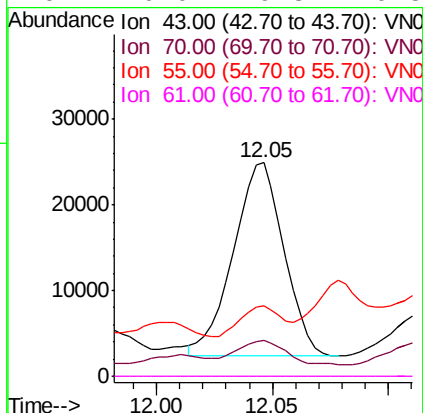
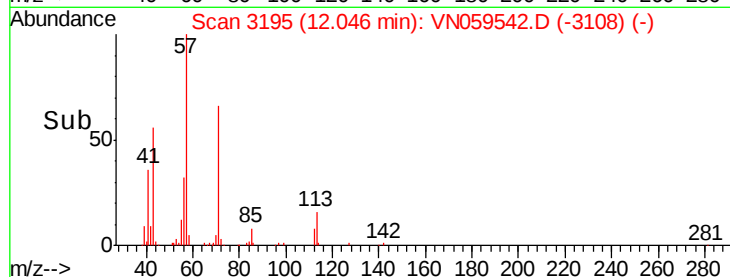
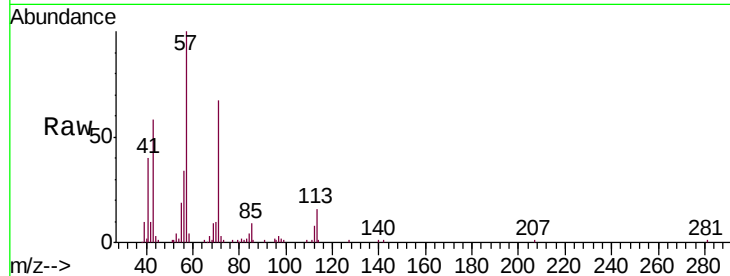




#74
N-ethyl acetate
Concen: 6.841 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. -0.02 min
Lab File: VN059542.D
Acq: 10 Dec 2019 13:20

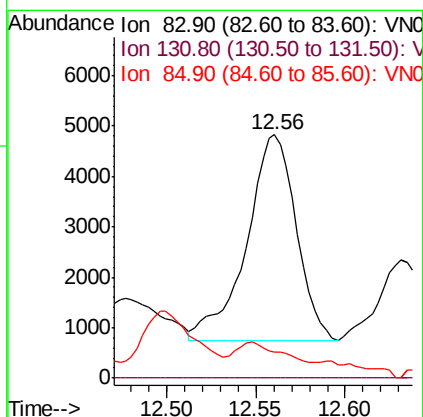
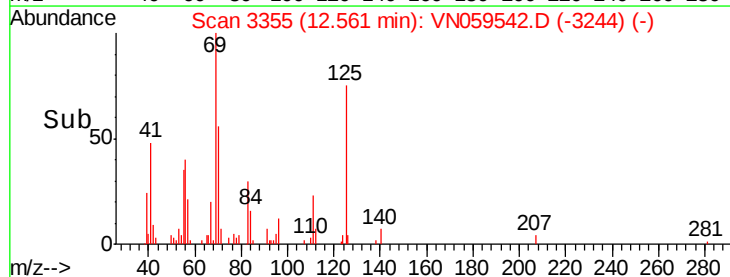
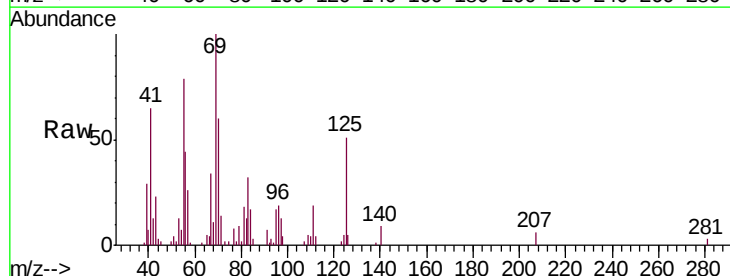
Instrument :
MSVOA_N
ClientSampleId :
SOLID-COMPME

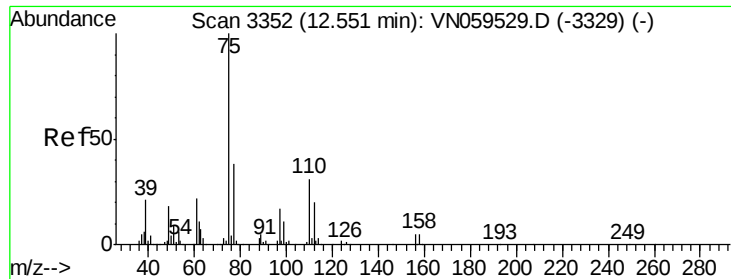
Tgt Ion: 43 Resp: 34256
Ion Ratio Lower Upper
43 100
70 11.9 34.2 51.4#
55 12.6 21.3 31.9#
61 0.0 19.8 29.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 2.042 ug/l
RT: 12.56 min Scan# 3355
Delta R.T. 0.06 min
Lab File: VN059542.D
Acq: 10 Dec 2019 13:20

Tgt Ion: 83 Resp: 7954
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 7.5 31.6 95.0#





#76

1,2,3-Trichloropropane

Concen: 24.636 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.15 min

Lab File: VN059542.D

Acq: 10 Dec 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

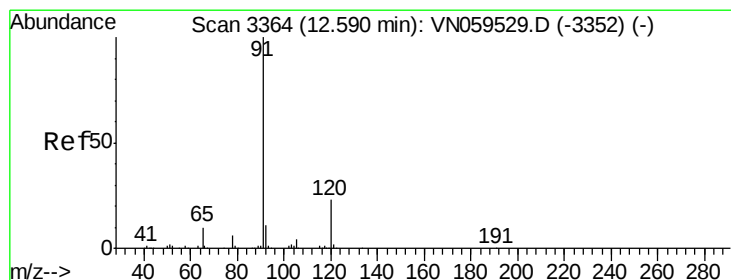
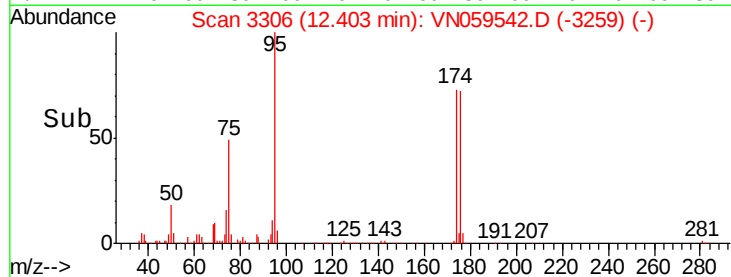
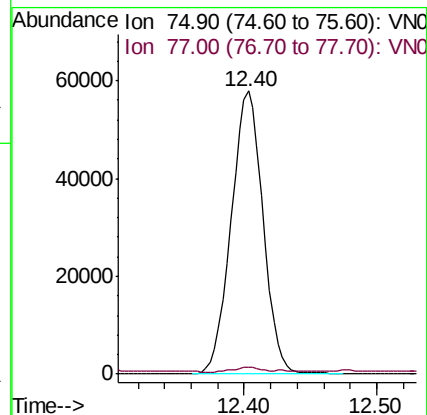
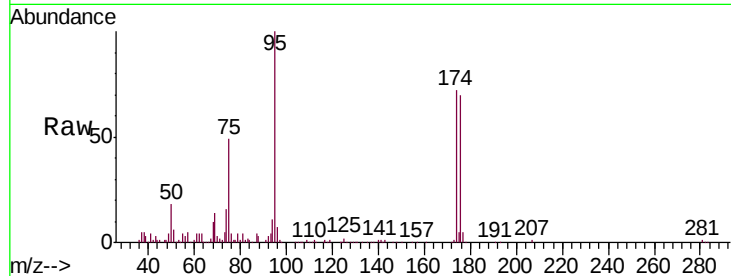
SOLID-COMPME

Tgt Ion: 75 Resp: 96555

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#78

n-propylbenzene

Concen: 3.993 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059542.D

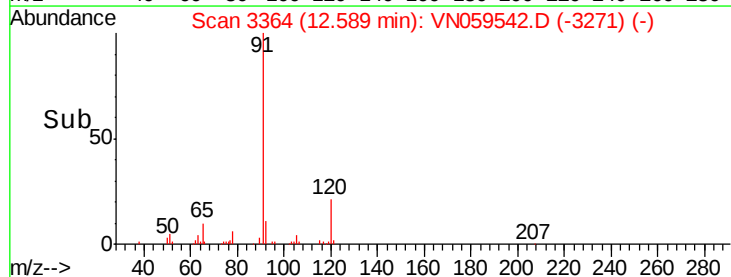
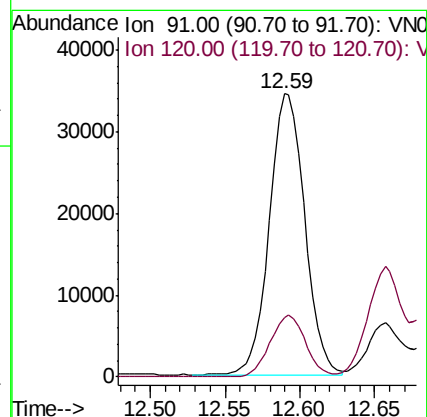
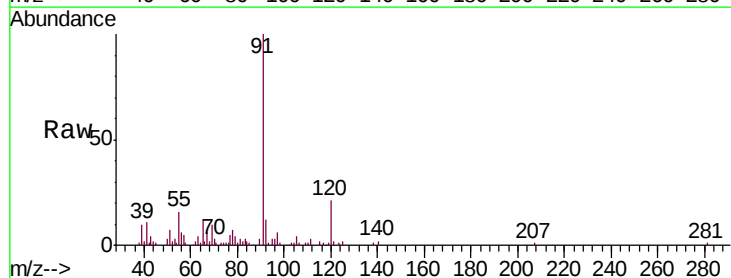
Acq: 10 Dec 2019 13:20

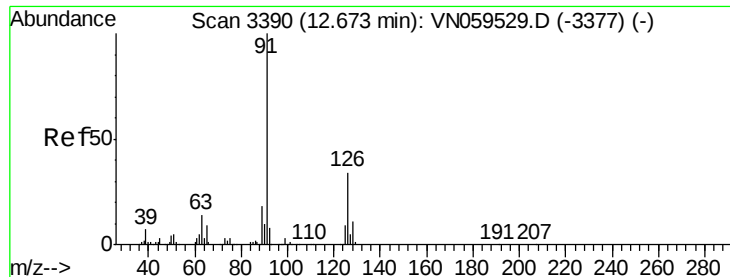
Tgt Ion: 91 Resp: 56404

Ion Ratio Lower Upper

91 100

120 22.1 11.4 34.1

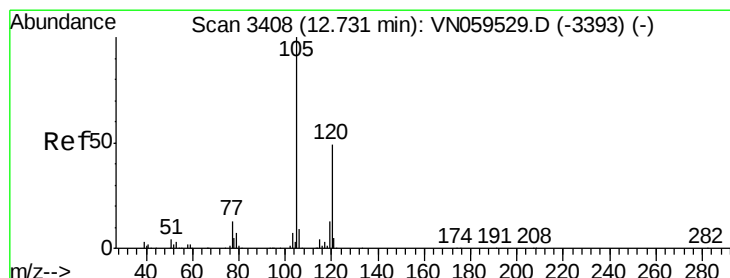
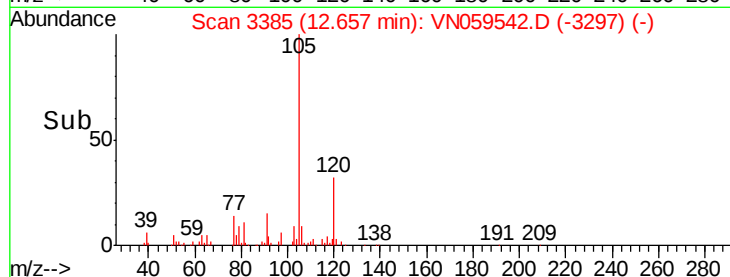
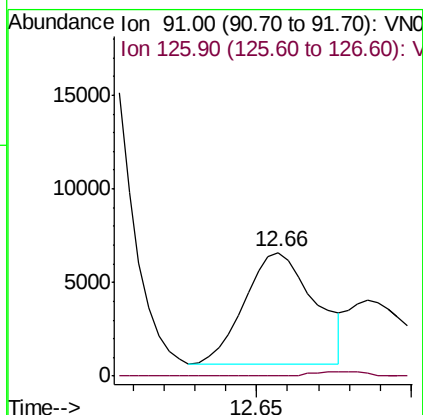
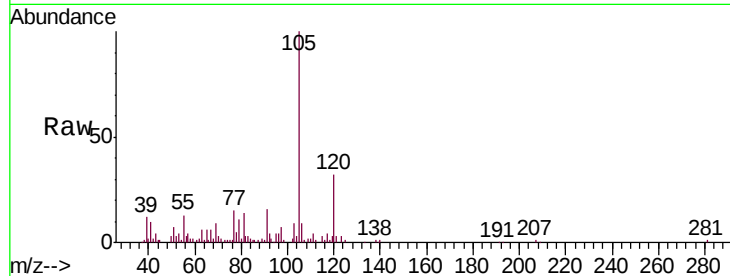




#79
2-Chlorotoluene
Concen: 1.108 ug/l
RT: 12.66 min Scan# 3385
Delta R.T. -0.02 min
Lab File: VN059542.D
Acq: 10 Dec 2019 13:20

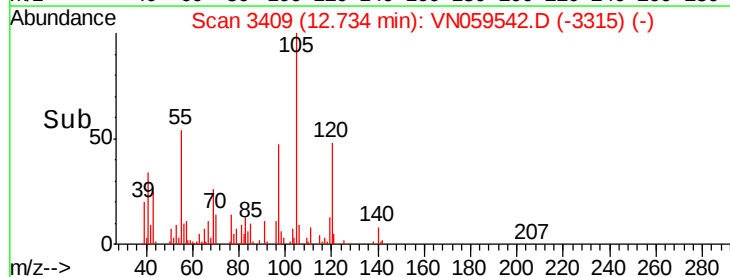
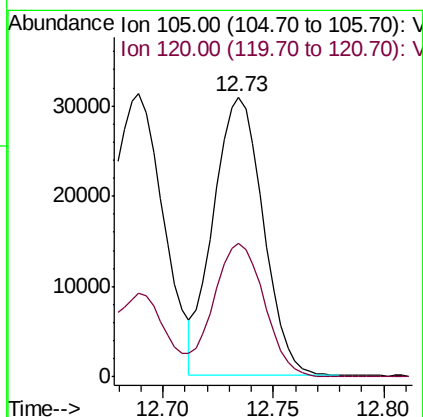
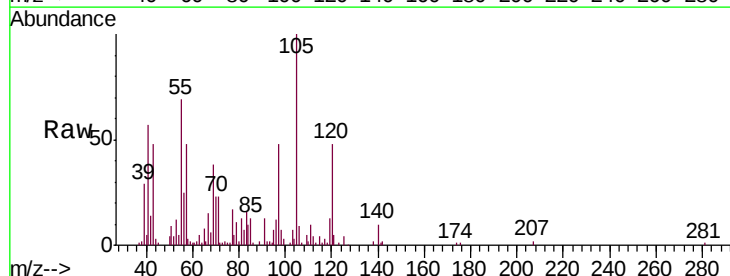
Instrument :
MSVOA_N
ClientSampleId :
SOLID-COMPME

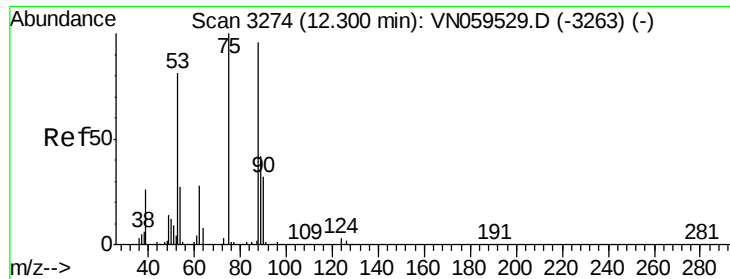
Tgt Ion: 91 Resp: 9336
Ion Ratio Lower Upper
91 100
126 3.1 16.9 50.7#



#80
1,3,5-Trimethylbenzene
Concen: 4.886 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN059542.D
Acq: 10 Dec 2019 13:20

Tgt Ion: 105 Resp: 48167
Ion Ratio Lower Upper
105 100
120 49.7 24.5 73.5

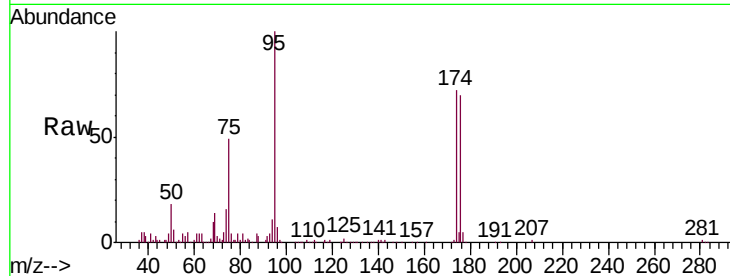




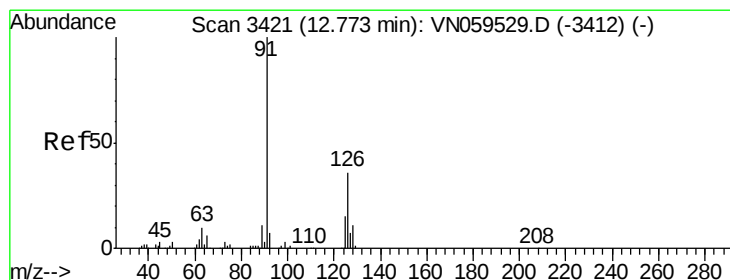
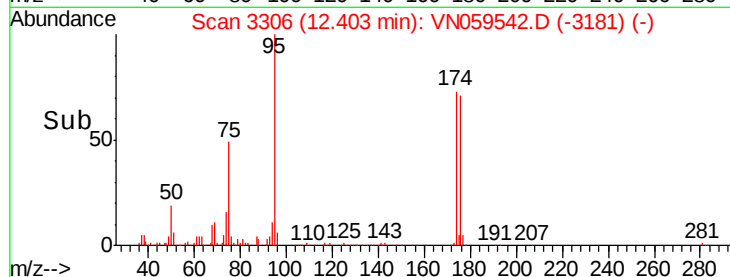
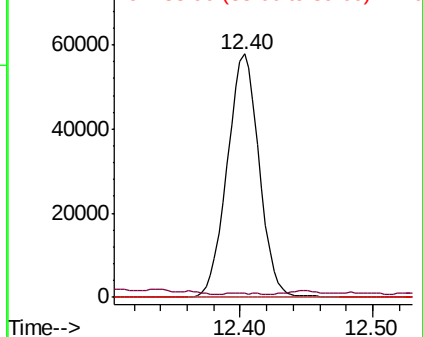
#81
trans-1,4-Dichloro-2-butene
Concen: 66.282 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN059542.D
Acq: 10 Dec 2019 13:20

Instrument :
MSVOA_N
ClientSampleId :
SOLID-COMPME

Tgt Ion: 75 Resp: 96555
Ion Ratio Lower Upper
75 100
53 0.3 67.0 100.6#
89 0.0 35.5 53.3#

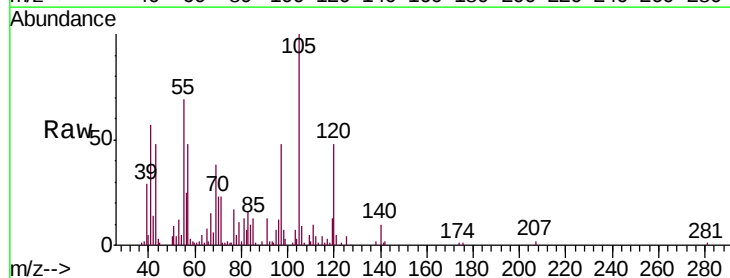


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0

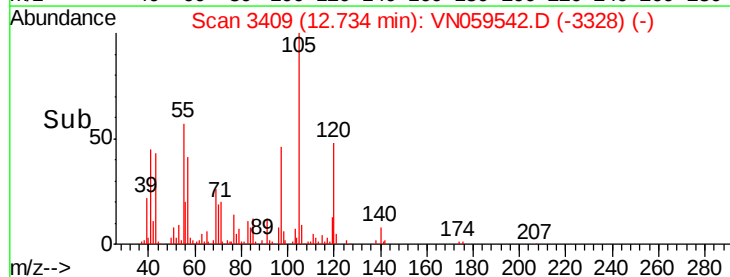
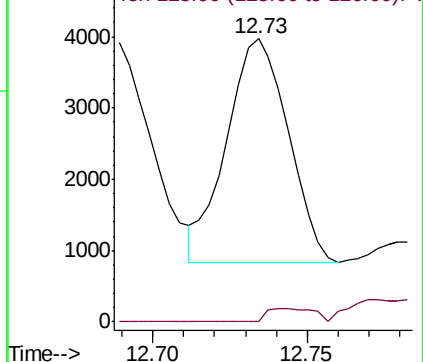


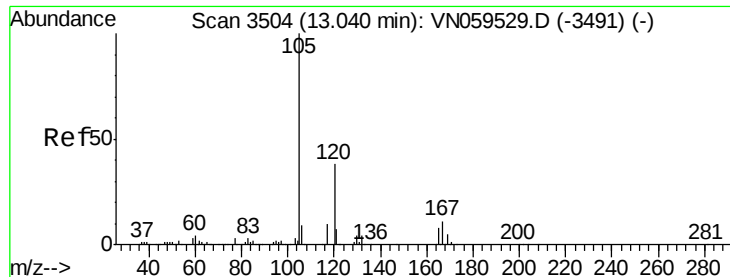
#82
4-Chlorotoluene
Concen: 0.502 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. -0.04 min
Lab File: VN059542.D
Acq: 10 Dec 2019 13:20

Tgt Ion: 91 Resp: 4327
Ion Ratio Lower Upper
91 100
126 4.6 16.4 49.4#



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 125.90 (125.60 to 126.60): V

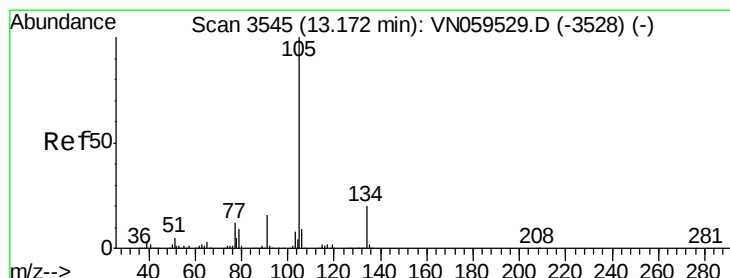
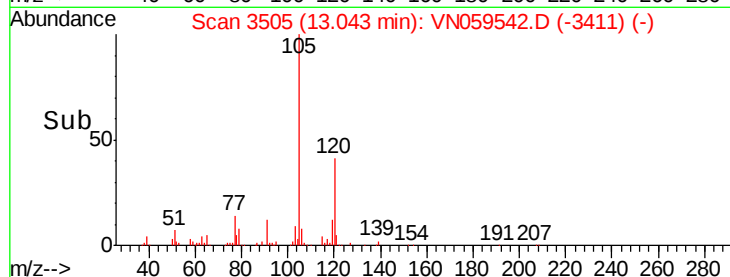
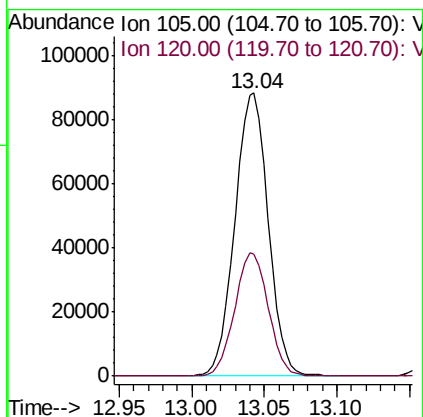
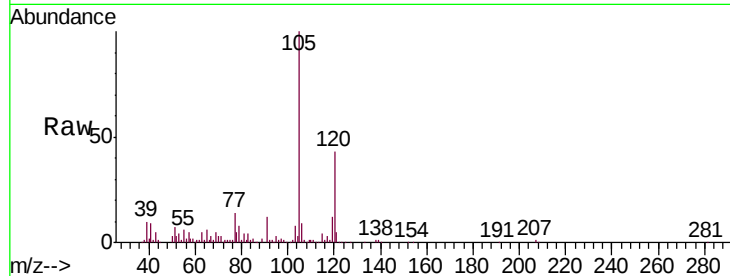




#84
 1,2,4-Trimethylbenzene
 Concen: 14.525 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN059542.D
 Acq: 10 Dec 2019 13:20

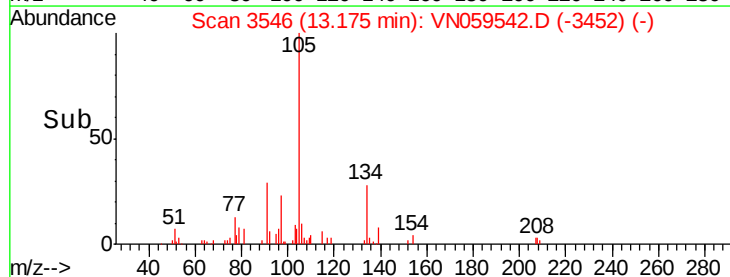
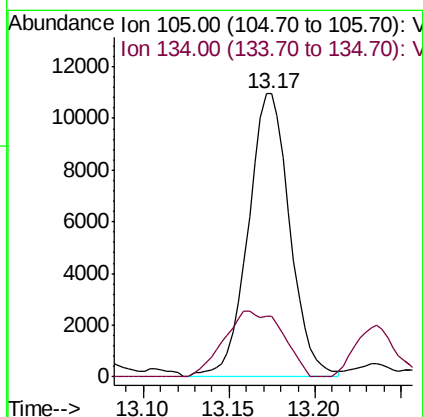
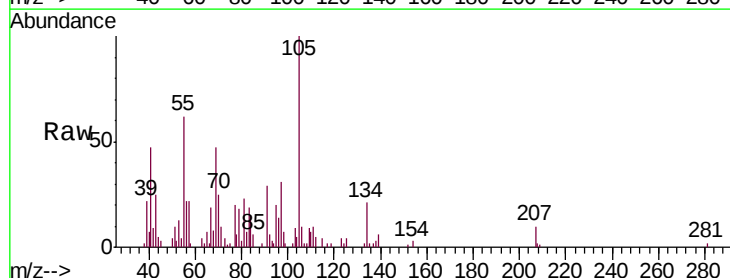
Instrument :
 MSVOA_N
 ClientSampleId :
 SOLID-COMPME

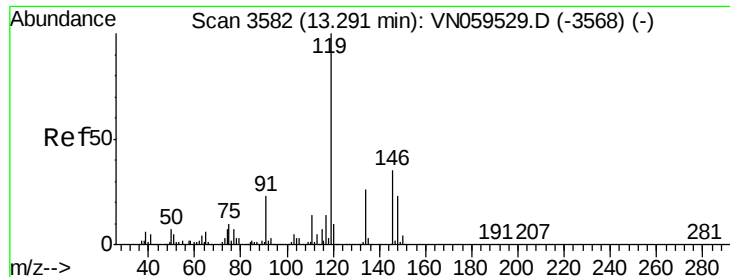
Tgt Ion:105 Resp: 141387
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.8 68.3



#85
 sec-Butylbenzene
 Concen: 1.629 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN059542.D
 Acq: 10 Dec 2019 13:20

Tgt Ion:105 Resp: 18394
 Ion Ratio Lower Upper
 105 100
 134 32.9 9.8 29.5#

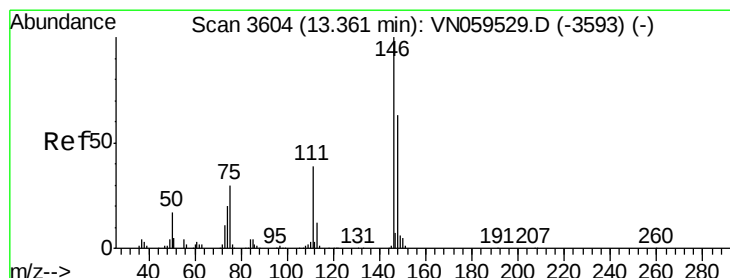
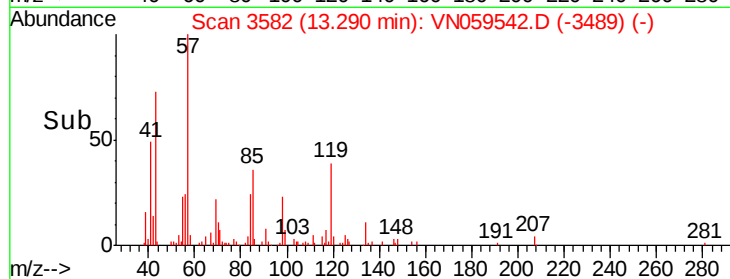
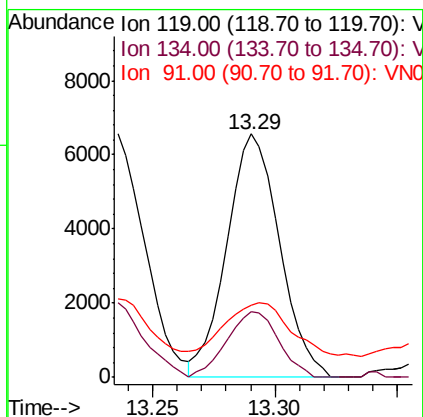
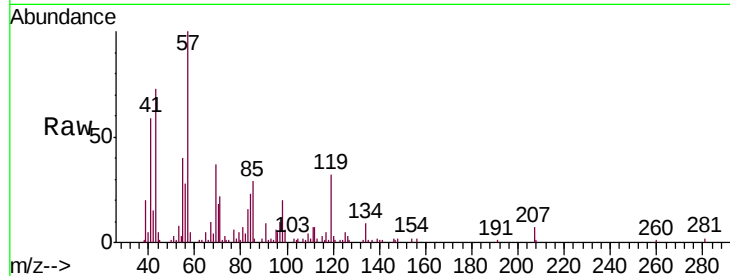




#86
 p-Isopropyltoluene
 Concen: 0.976 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN059542.D
 Acq: 10 Dec 2019 13:20

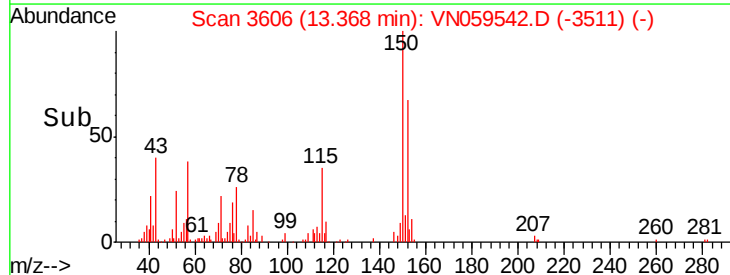
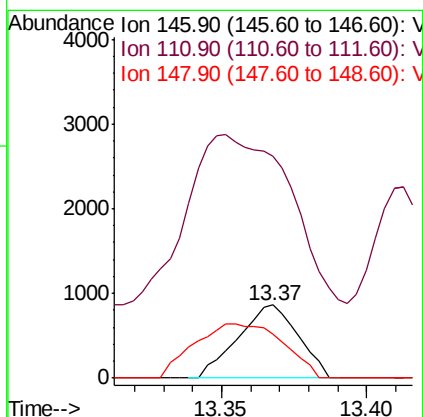
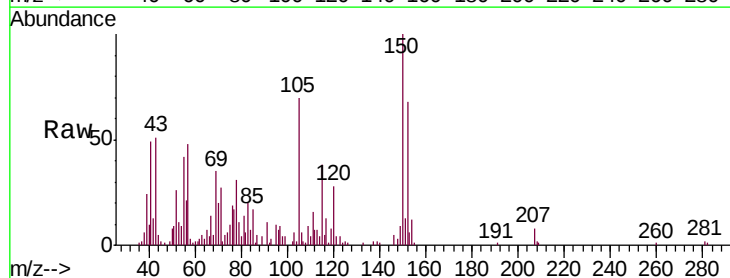
Instrument :
 MSVOA_N
 ClientSampleId :
 SOLID-COMPME

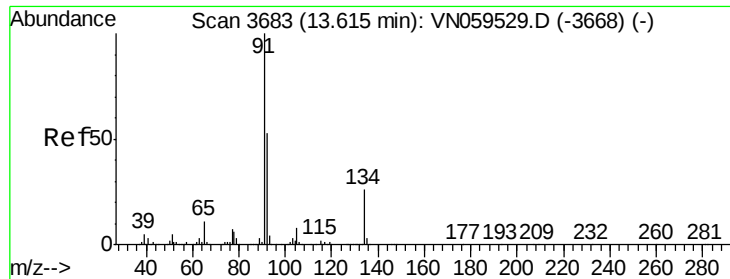
Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.0	39.0
91	26.5	11.7	35.1



#88
 1,4-Dichlorobenzene
 Concen: 0.241 ug/l
 RT: 13.37 min Scan# 3606
 Delta R.T. 0.01 min
 Lab File: VN059542.D
 Acq: 10 Dec 2019 13:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	429.3	20.0	59.9#
148	109.6	31.9	95.7#

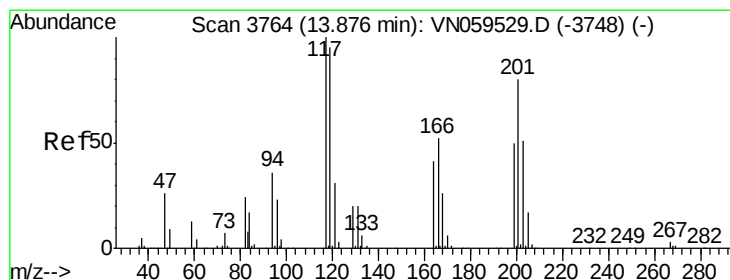
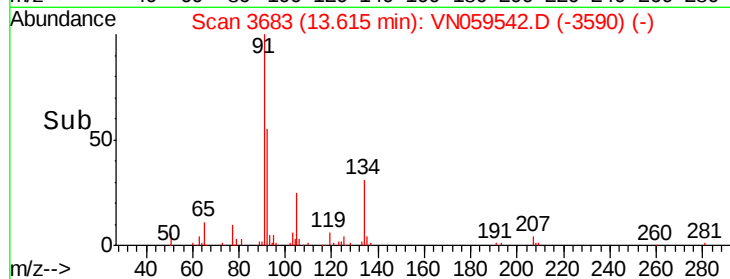
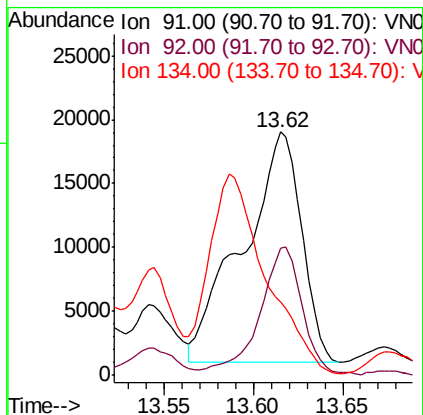
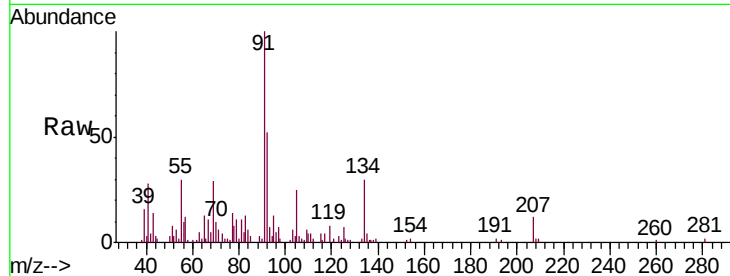




#89
n-Butylbenzene
Concen: 4.352 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN059542.D
Acq: 10 Dec 2019 13:20

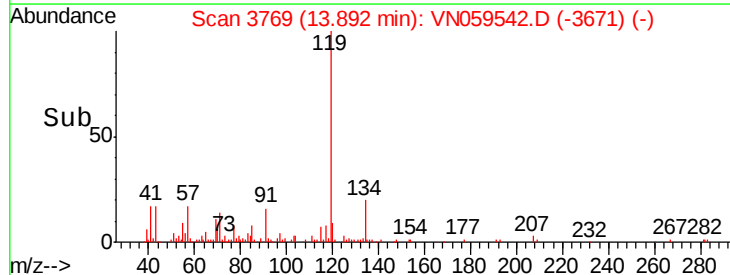
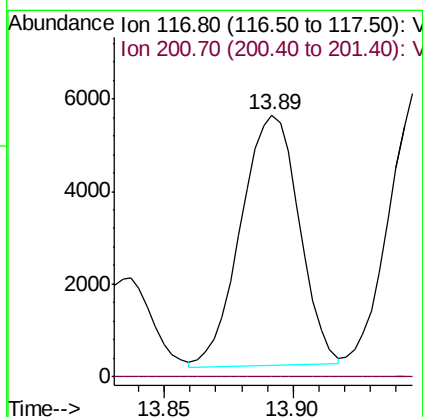
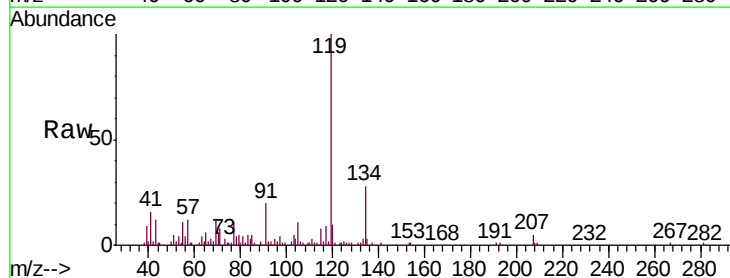
Instrument :
MSVOA_N
ClientSampleId :
SOLID-COMPME

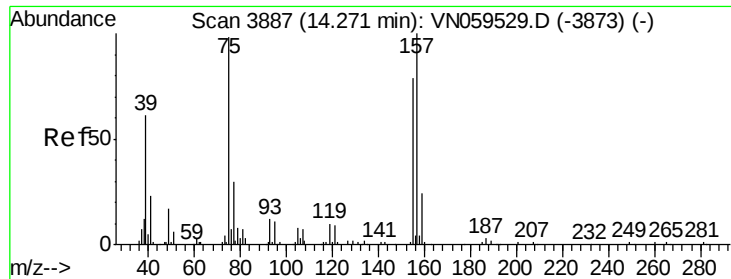
Tgt Ion: 91 Resp: 41237
Ion Ratio Lower Upper
91 100
92 41.3 26.3 78.9
134 0.0 12.8 38.4#



#90
Hexachloroethane
Concen: 4.582 ug/l
RT: 13.89 min Scan# 3769
Delta R.T. 0.02 min
Lab File: VN059542.D
Acq: 10 Dec 2019 13:20

Tgt Ion: 117 Resp: 8492
Ion Ratio Lower Upper
117 100
201 0.0 40.5 121.5#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.763 ug/l

RT: 14.26 min Scan# 3882

Delta R.T. -0.02 min

Lab File: VN059542.D

Acq: 10 Dec 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

SOLID-COMPME

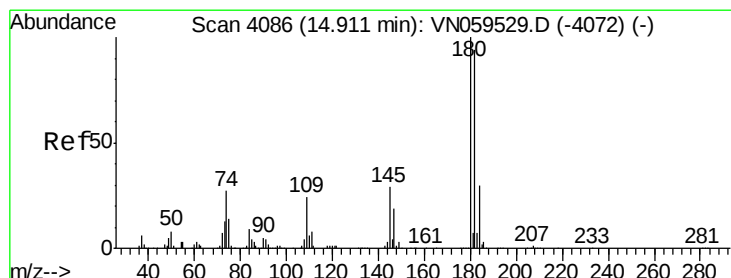
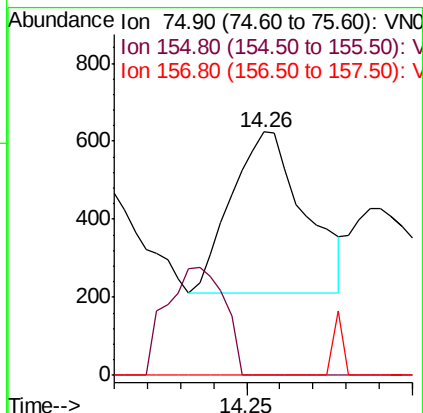
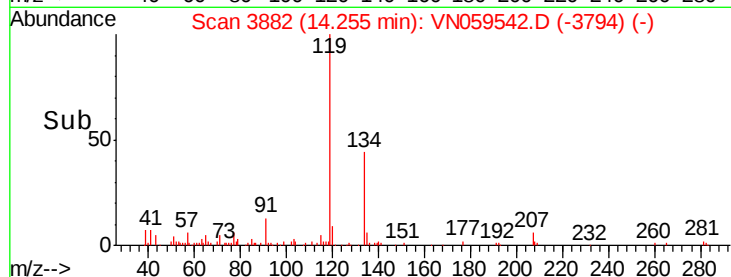
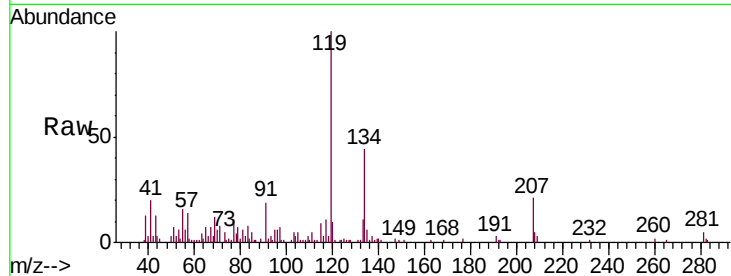
Tgt Ion: 75 Resp: 636

Ion Ratio Lower Upper

75 100

155 52.5 40.4 121.1

157 0.0 51.1 153.3#



#93

1,2,4-Trichlorobenzene

Concen: 0.636 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.00 min

Lab File: VN059542.D

Acq: 10 Dec 2019 13:20

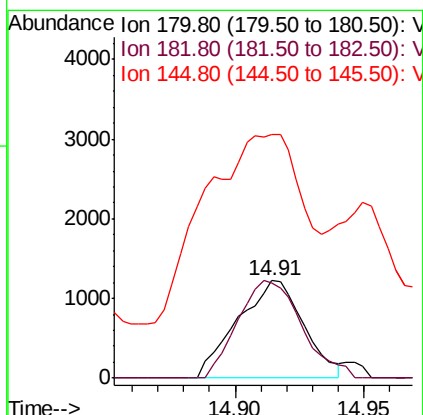
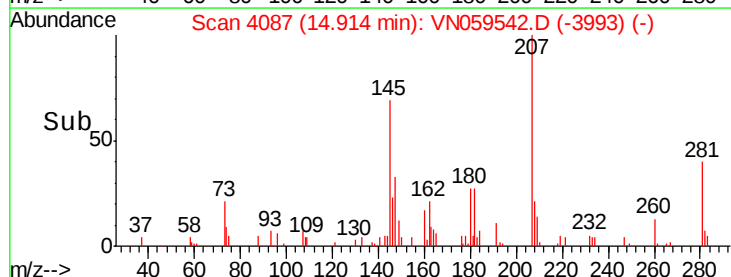
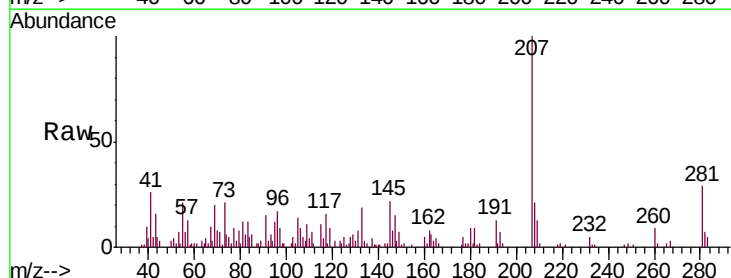
Tgt Ion: 180 Resp: 2177

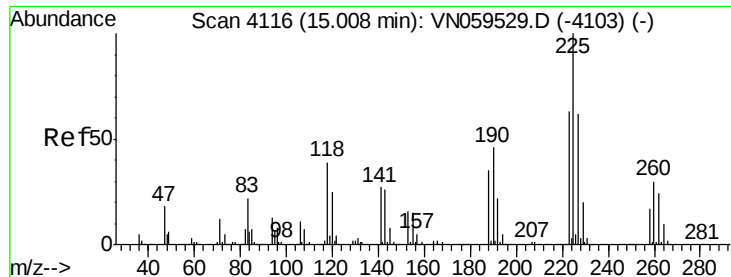
Ion Ratio Lower Upper

180 100

182 97.4 47.3 142.0

145 293.0 14.9 44.7#





#94

Hexachlorobutadiene

Concen: 0.241 ug/l

RT: 15.01 min Scan# 4118

Delta R.T. 0.01 min

Lab File: VN059542.D

Acq: 10 Dec 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

SOLID-COMPME

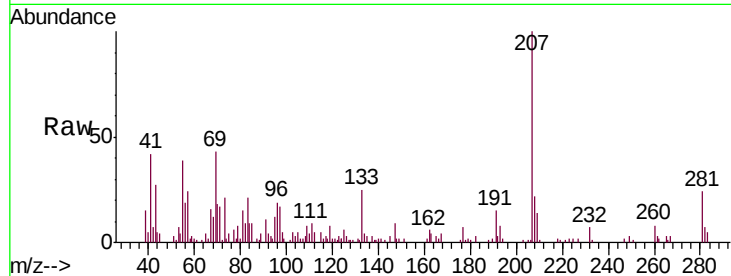
Tgt Ion:225 Resp: 422

Ion Ratio Lower Upper

225 100

223 85.5 31.3 93.9

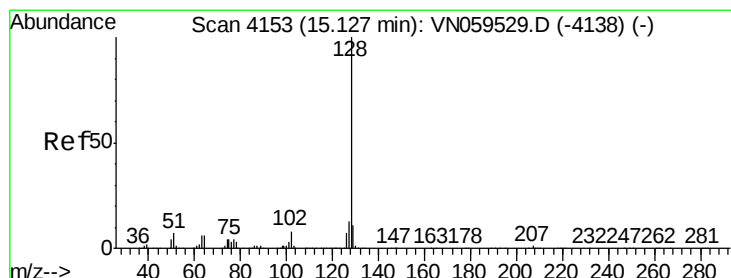
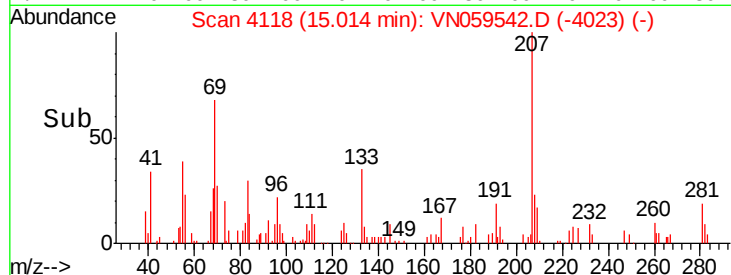
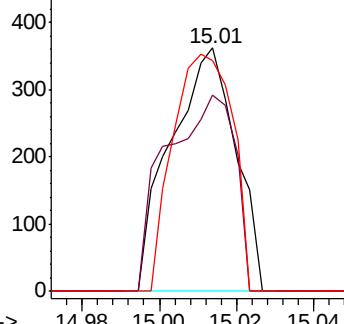
227 89.6 31.6 95.0



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 2.025 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. 0.00 min

Lab File: VN059542.D

Acq: 10 Dec 2019 13:20

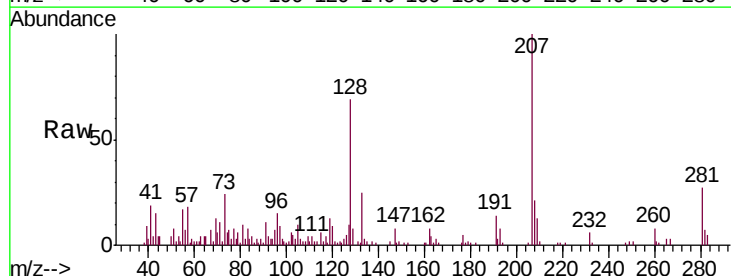
Tgt Ion:128 Resp: 20252

Ion Ratio Lower Upper

128 100

127 18.3 10.2 15.4#

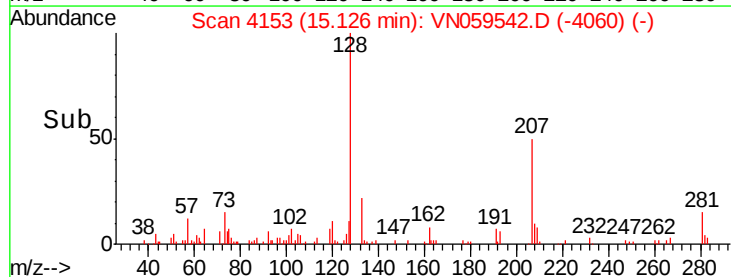
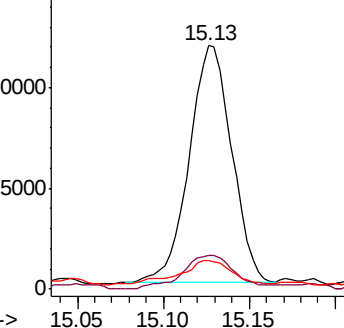
129 12.7 8.6 13.0

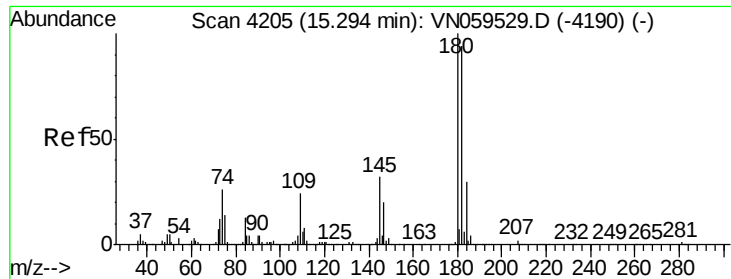


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 3.334 ug/l
 RT: 15.30 min Scan# 4207
 Delta R.T. 0.01 min
 Lab File: VN059542.D
 Acq: 10 Dec 2019 13:20

Instrument :
 MSVOA_N
 ClientSampleId :
 SOLID-COMPME

Tgt Ion:180 Resp: 3234
 Ion Ratio Lower Upper
 180 100
 182 69.3 47.1 141.4
 145 0.0 15.8 47.4#

