

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022820\
 Data File : VN060288.D
 Acq On : 28 Feb 2020 16:34
 Operator : JC/MD
 Sample : L1363-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 29 00:38:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	201925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	328672	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	312738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	151659	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	130050	50.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.40%	
35) Dibromofluoromethane	7.56	113	93084	61.02	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	122.04%	
50) Toluene-d8	10.08	98	406476	52.64	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.28%	
62) 4-Bromofluorobenzene	12.40	95	154644	52.84	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	105.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	3.69	96	65	Below Cal	#	1
16) Acetone	3.79	43	9862	11.788	ug/l	98
17) Carbon Disulfide	4.03	76	195	Below Cal	#	75
18) Methyl Acetate	4.30	43	1721	0.616	ug/l #	81
20) Methylene Chloride	4.52	84	5566	2.422	ug/l	91
21) trans-1,2-Dichloroethene	5.05	96	31	Below Cal	#	1
25) 2-Butanone	6.79	43	539	0.399	ug/l #	49
31) Cyclohexane	7.64	56	4266	Below Cal	#	1
36) 1,1-Dichloropropene	7.64	75	15514	4.953	ug/l #	51
38) Carbon Tetrachloride	7.64	117	19459	6.380	ug/l #	15
43) Isopropyl Acetate	8.14	43	58563	11.278	ug/l #	91
45) 1,2-Dichloropropane	9.25	63	1193	0.500	ug/l #	44
48) Methyl methacrylate	9.16	41	3405	1.438	ug/l #	13
51) 4-Methyl-2-Pentanone	9.97	43	5469	1.858	ug/l	94
54) cis-1,3-Dichloropropene	9.89	75	25457	6.374	ug/l #	61
57) 1,3-Dichloropropane	10.75	76	4165	1.109	ug/l #	42
59) 2-Hexanone	10.75	43	58323	26.982	ug/l #	52
67) Ethyl Benzene	11.50	91	3575	0.311	ug/l	100
68) m/p-Xylenes	11.61	106	3963	0.913	ug/l	98
69) o-Xylene	11.94	106	10343	2.500	ug/l	97
73) Isopropylbenzene	12.25	105	2575	0.229	ug/l	96
74) N-amyl acetate	12.02	43	3825	0.779	ug/l #	44
76) 1,2,3-Trichloropropane	12.39	75	80414	24.167	ug/l #	100
78) n-propylbenzene	12.59	91	6168	0.468	ug/l	96
79) 2-Chlorotoluene	12.65	91	3768	0.486	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.73	105	30742	3.248	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.39	75	80414	66.713	ug/l #	8
82) 4-Chlorotoluene	12.72	91	3380	0.414	ug/l #	41
84) 1,2,4-Trimethylbenzene	13.03	105	56581	5.923	ug/l	99
85) sec-Butylbenzene	13.17	105	4025	0.367	ug/l	88
86) p-Isopropyltoluene	13.28	119	5167	0.509	ug/l	98
87) 1,3-Dichlorobenzene	13.27	146	108	Below Cal	#	25
88) 1,4-Dichlorobenzene	13.35	146	129	Below Cal	#	1
89) n-Butylbenzene	13.58	91	2036	0.218	ug/l #	1

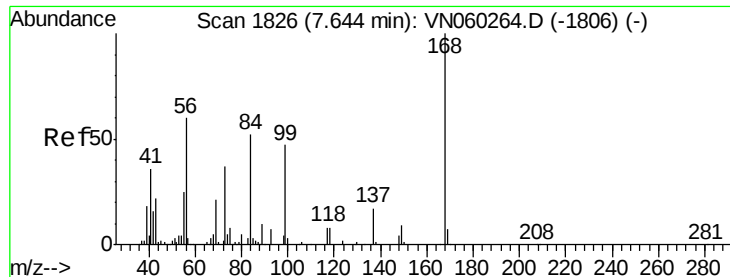
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022820\
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Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.88	117	2449	1.666	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	14.24	75	268	0.387	ug/l #	3
95) Naphthalene	15.13	128	9120	0.742	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060288.D

Acq: 28 Feb 2020 16:34

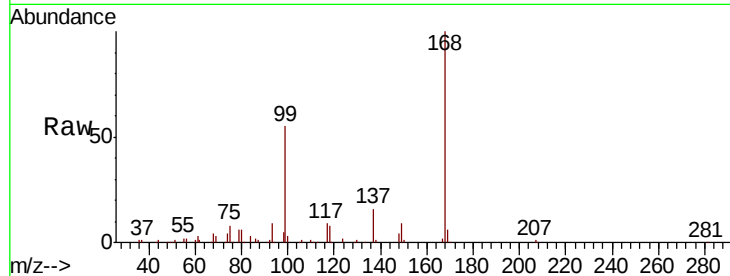
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 201925

Ion Ratio Lower Upper

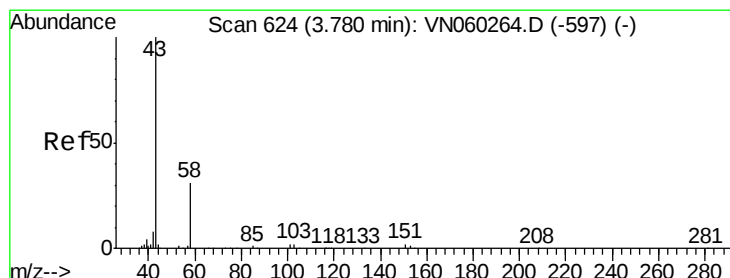
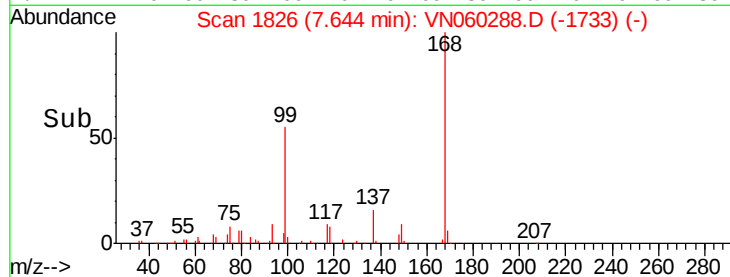
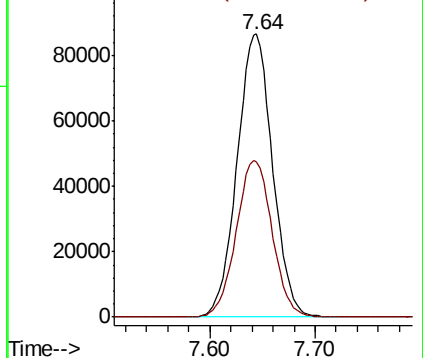
168 100

99 55.0 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 11.788 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060288.D

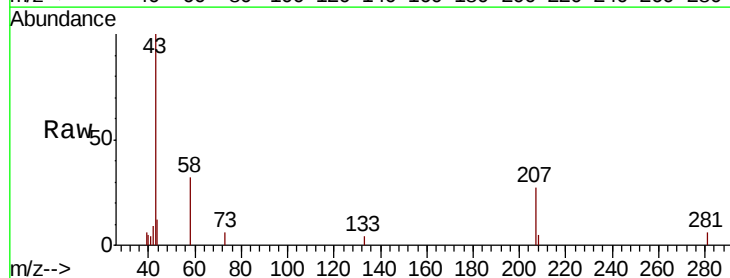
Acq: 28 Feb 2020 16:34

Tgt Ion: 43 Resp: 9862

Ion Ratio Lower Upper

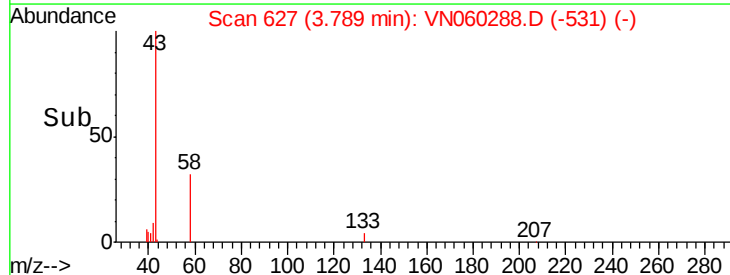
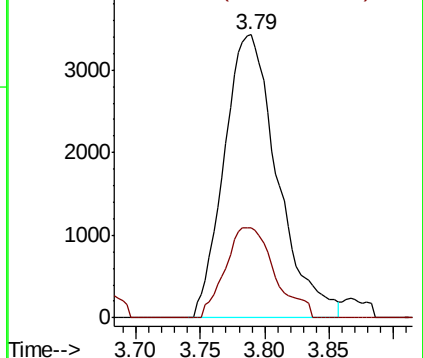
43 100

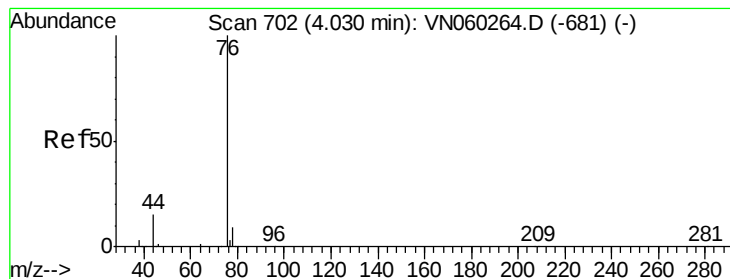
58 31.7 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#17

Carbon Disulfide

Concen: Below Cal

RT: 4.03 min Scan# 703

Delta R.T. 0.00 min

Lab File: VN060288.D

Acq: 28 Feb 2020 16:34

Instrument :

MSVOA_N

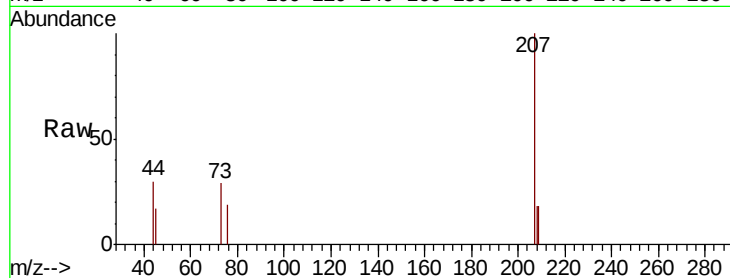
ClientSampled :

Tot Ion: 76 Resp: 195

Ion Ratio Lower Upper

76 100

78 0.0 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.03

150

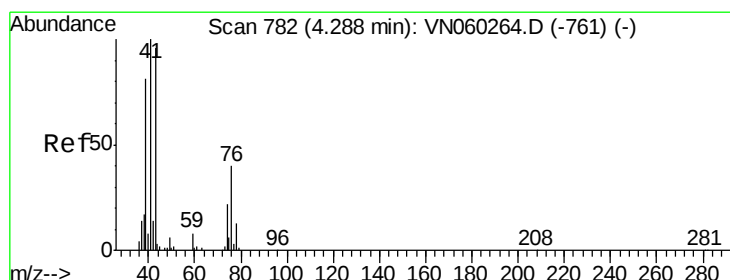
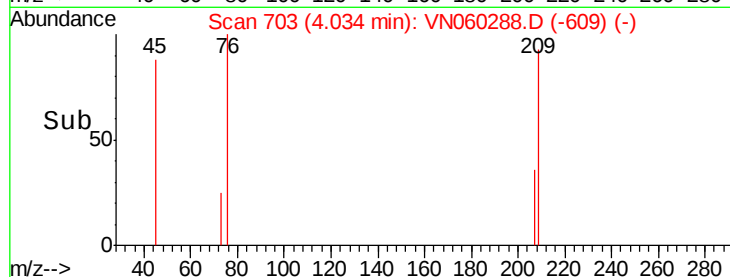
100

50

0

4.02 4.04

Time-->



#18

Methyl Acetate

Concen: 0.616 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.01 min

Lab File: VN060288.D

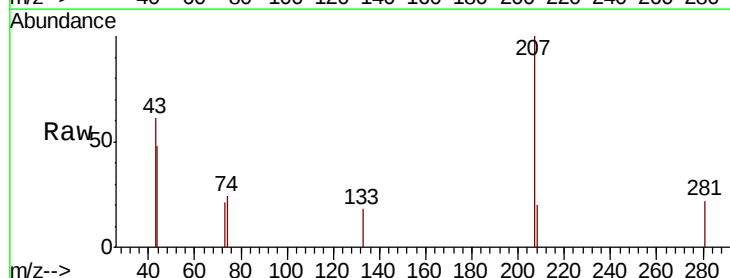
Acq: 28 Feb 2020 16:34

Tgt Ion: 43 Resp: 1721

Ion Ratio Lower Upper

43 100

74 14.1 18.8 28.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.30

600

500

400

300

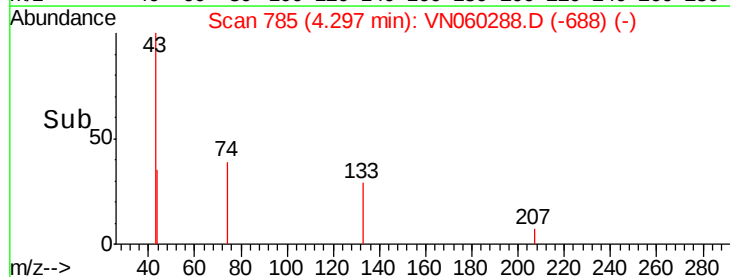
200

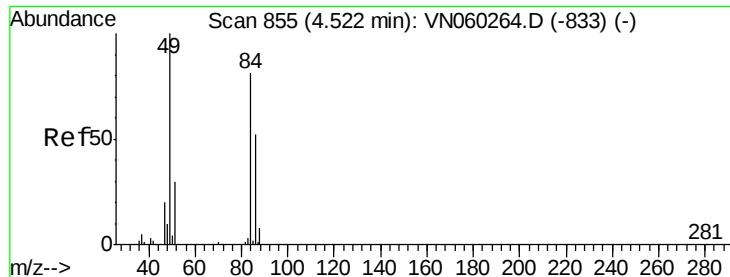
100

0

4.25 4.30 4.35

Time-->

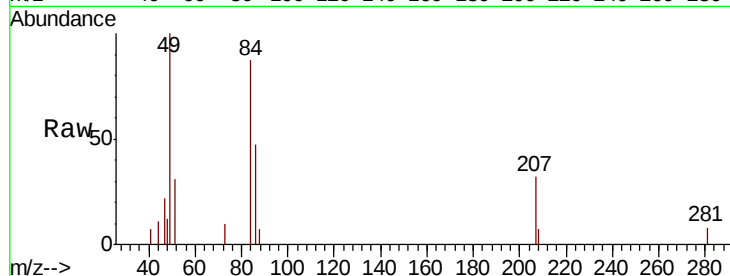




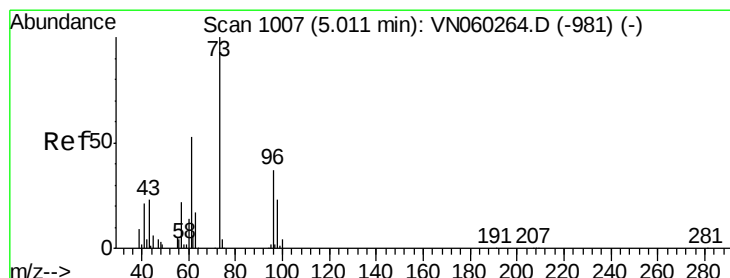
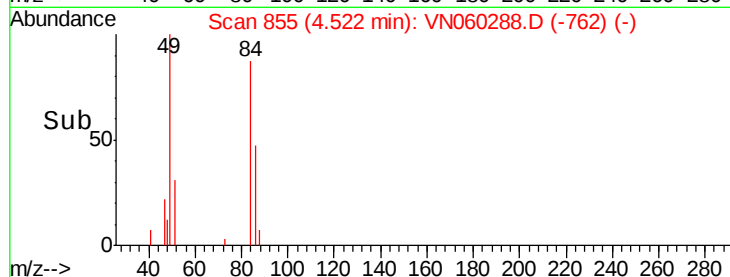
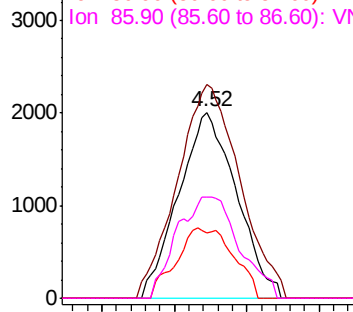
#20
Methylene Chloride
Concen: 2.422 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060288.D
Acq: 28 Feb 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	84	Resp:	5566
Ion	Ratio	Lower	Upper
84	100		
49	114.8	99.3	148.9
51	35.2	30.1	45.1
86	54.4	51.1	76.7

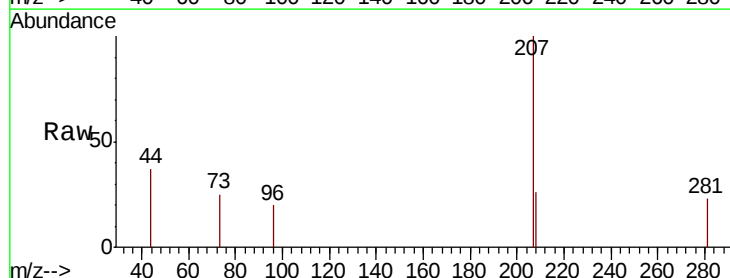


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

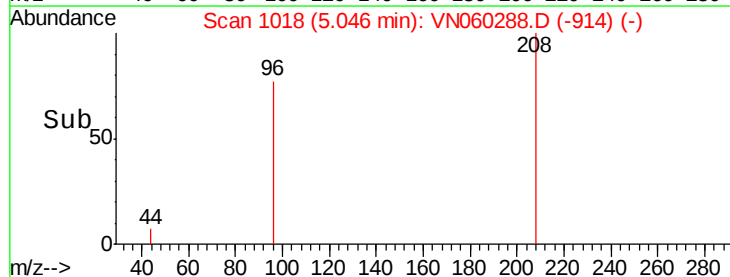
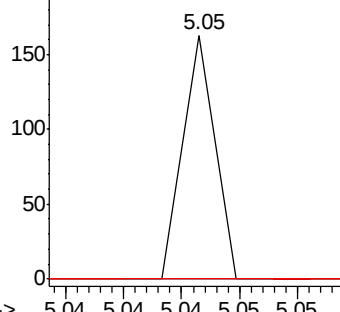


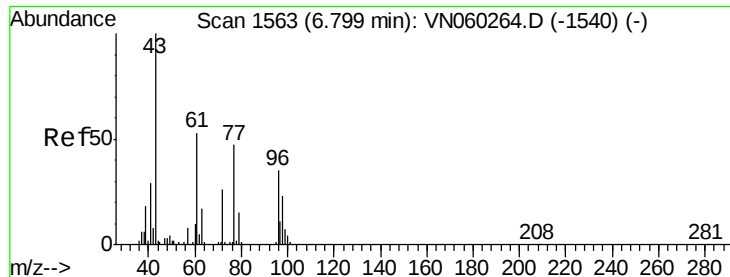
#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 5.05 min Scan# 1018
Delta R.T. 0.04 min
Lab File: VN060288.D
Acq: 28 Feb 2020 16:34

Tgt Ion:	96	Resp:	31
Ion	Ratio	Lower	Upper
96	100		
61	0.0	113.8	170.8#
98	0.0	48.8	73.2#



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

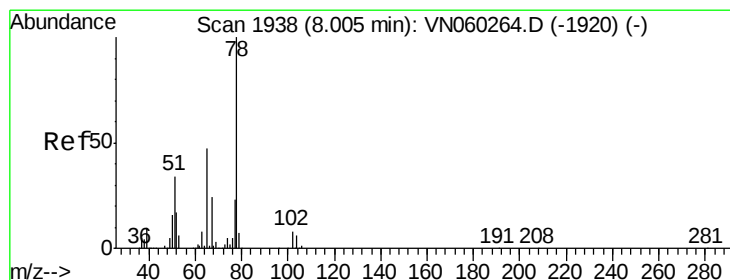
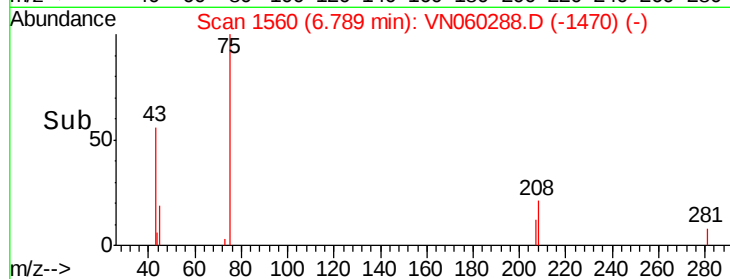
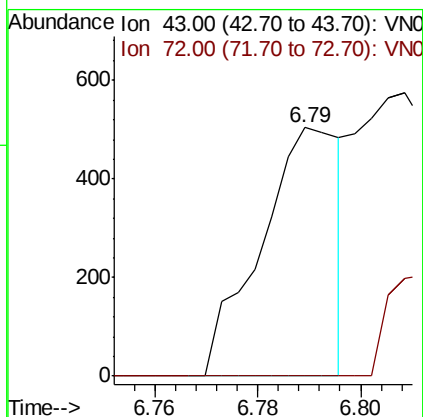
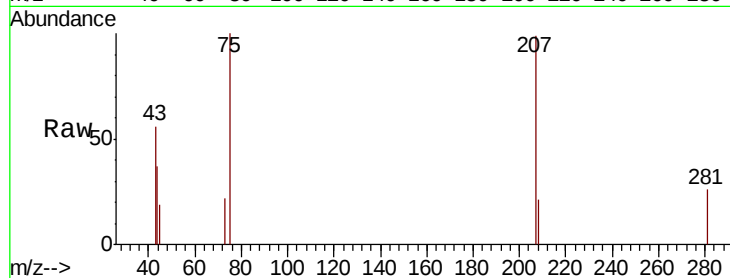




#25
 2-Butanone
 Concen: 0.399 ug/l
 RT: 6.79 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: VN060288.D
 Acq: 28 Feb 2020 16:34

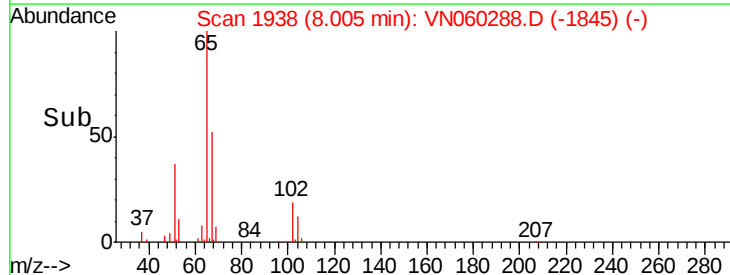
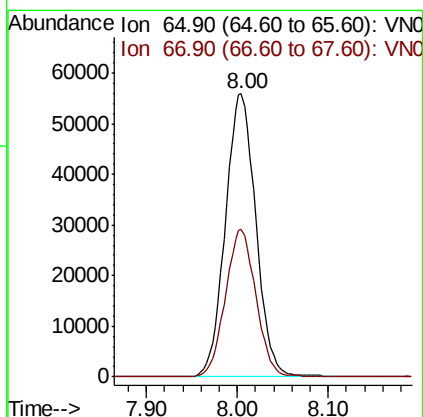
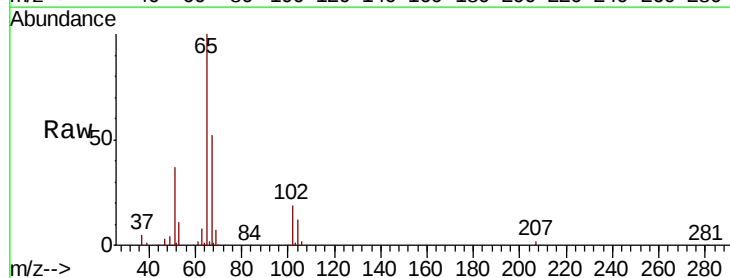
Instrument :
 MSVOA_N
 ClientSampleId :

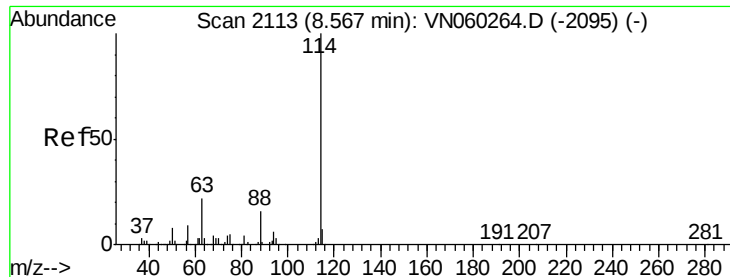
Tot Ion: 43 Resp: 539
 Ion Ratio Lower Upper
 43 100
 72 0.0 20.9 31.3#



#33
 1,2-Dichloroethane-d4
 Concen: 50.198 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060288.D
 Acq: 28 Feb 2020 16:34

Tgt Ion: 65 Resp: 130050
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.8

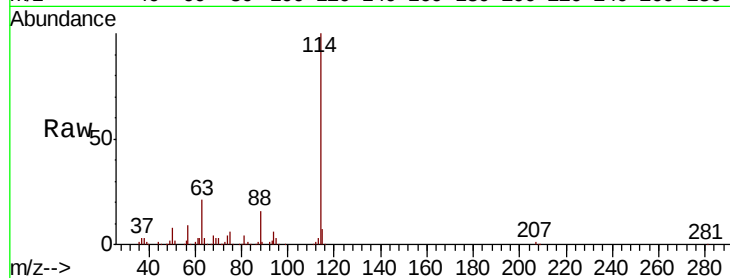




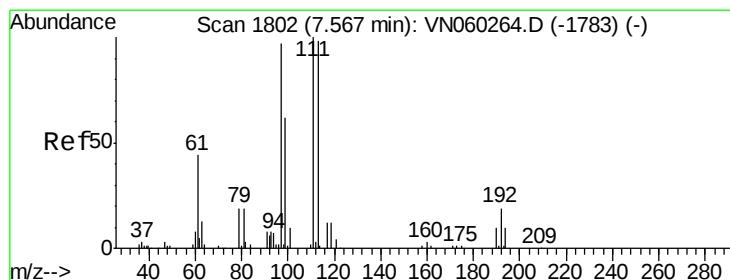
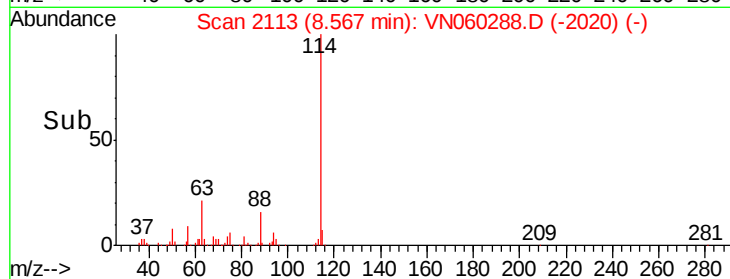
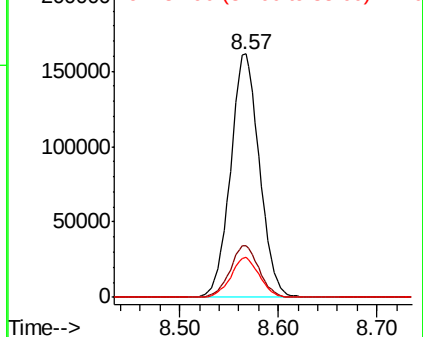
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060288.D
 Acq: 28 Feb 2020 16:34

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:114 Resp: 328672
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.2
 88 16.2 0.0 31.6

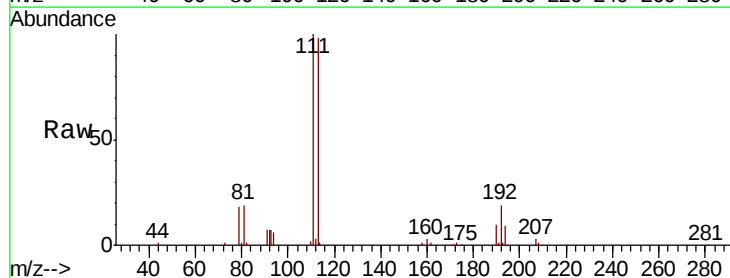


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

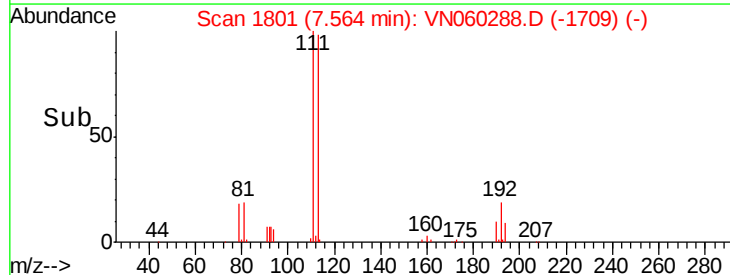
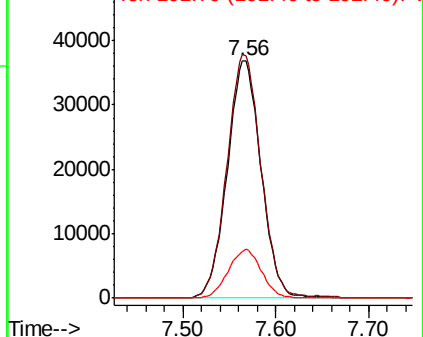


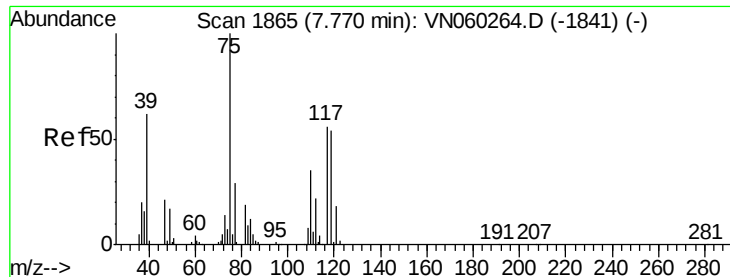
#35
 Dibromofluoromethane
 Concen: 61.015 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060288.D
 Acq: 28 Feb 2020 16:34

Tgt Ion:113 Resp: 93084
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.4 123.6
 192 20.2 16.2 24.2



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

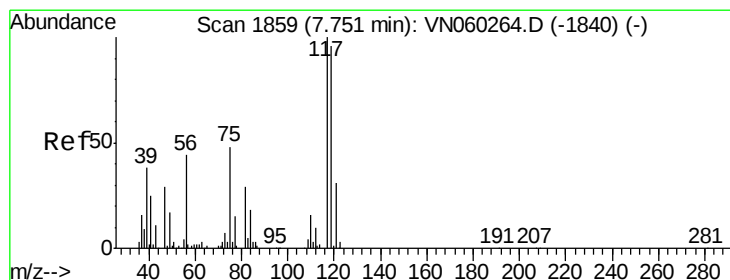
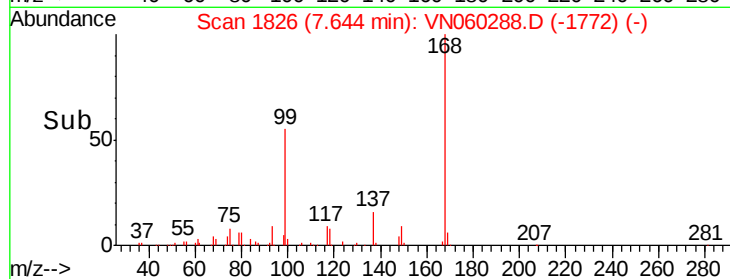
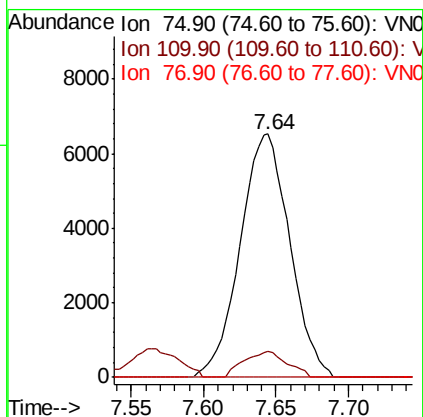
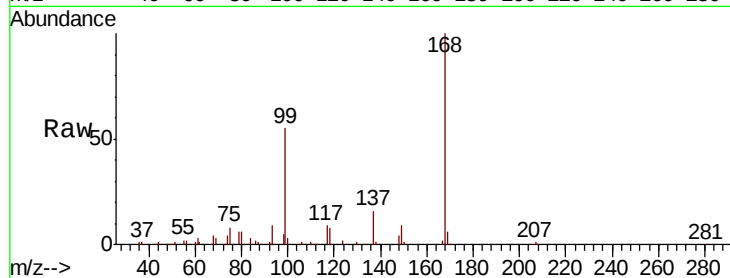




#36
 1,1-Dichloropropene
 Concen: 4.953 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.13 min
 Lab File: VN060288.D
 Acq: 28 Feb 2020 16:34

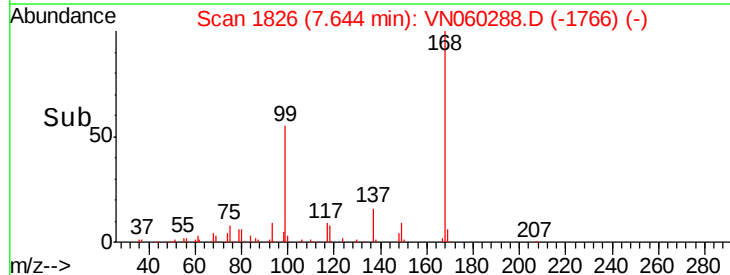
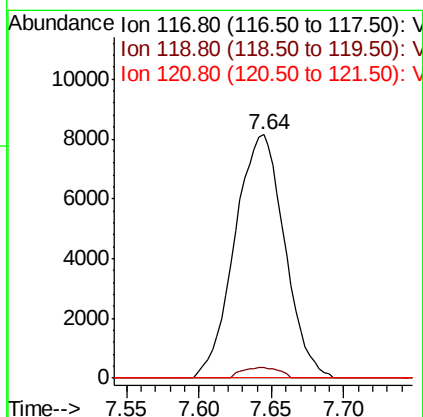
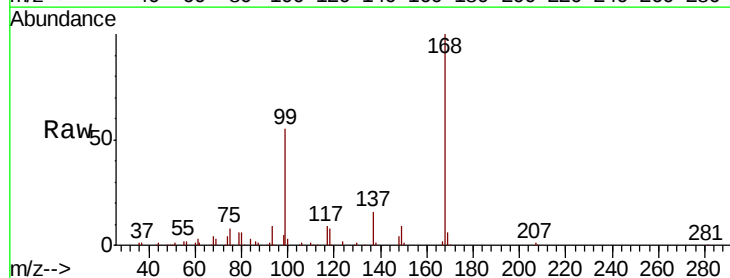
Instrument :
 MSVOA_N
 ClientSampleId :

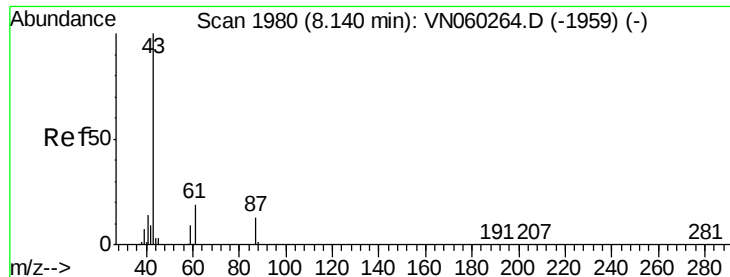
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.3	17.3	52.0#
77	0.0	24.2	36.2#



#38
 Carbon Tetrachloride
 Concen: 6.380 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.11 min
 Lab File: VN060288.D
 Acq: 28 Feb 2020 16:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.2	76.7	115.1#
121	0.0	24.5	36.7#





#43

Isopropyl Acetate

Concen: 11.278 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060288.D

Acq: 28 Feb 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

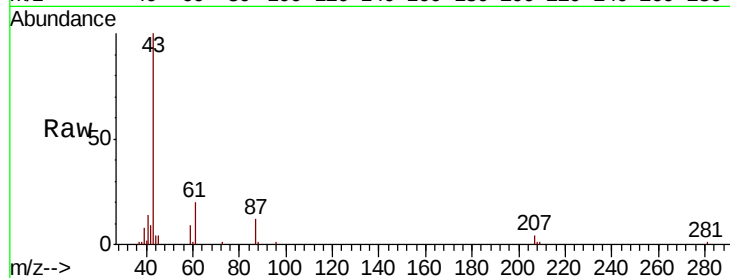
Tot Ion: 43 Resp: 58563

Ion Ratio Lower Upper

43 100

61 19.5 20.9 31.3#

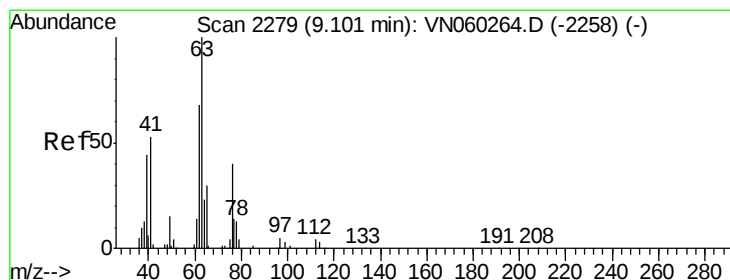
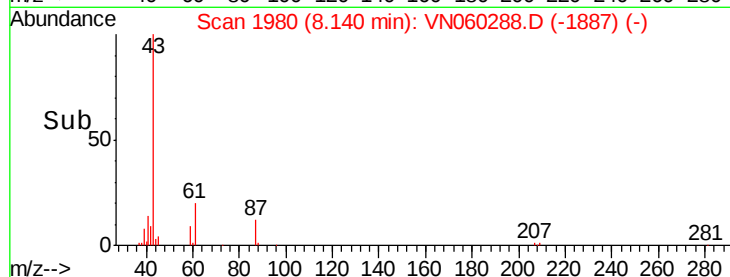
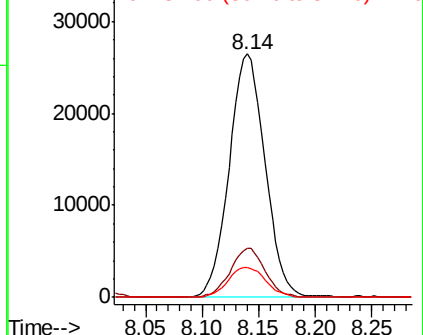
87 12.8 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060264.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060264.D (-1959) (-)



#45

1,2-Dichloropropane

Concen: 0.500 ug/l

RT: 9.25 min Scan# 2326

Delta R.T. 0.15 min

Lab File: VN060288.D

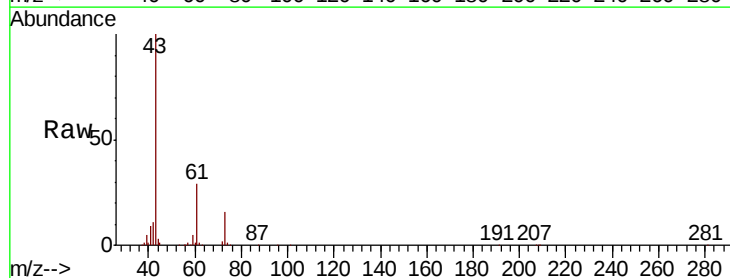
Acq: 28 Feb 2020 16:34

Tgt Ion: 63 Resp: 1193

Ion Ratio Lower Upper

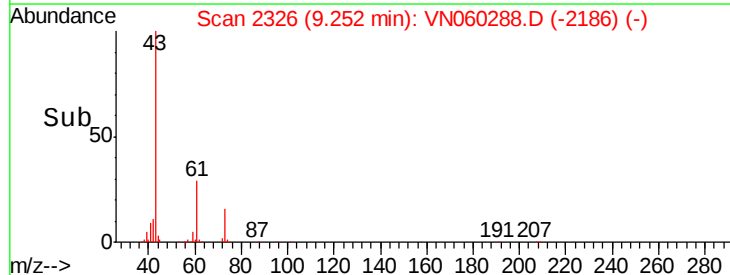
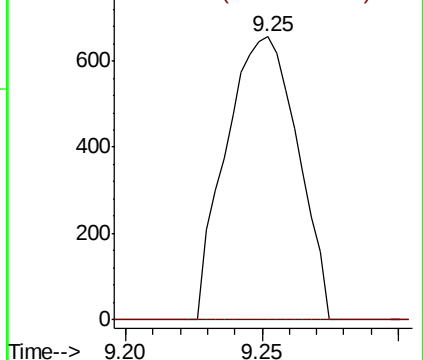
63 100

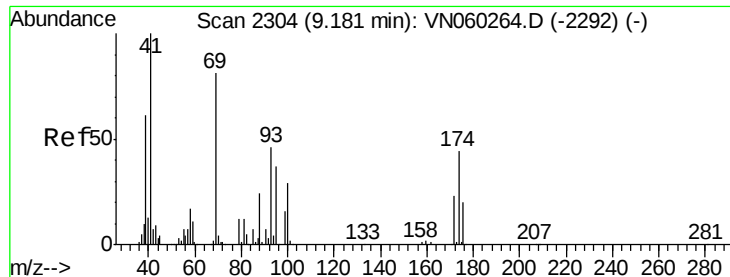
65 0.0 24.4 36.6#



Abundance Ion 62.90 (62.60 to 63.60): VN060288.D (-2186) (-)

Ion 64.90 (64.60 to 65.60): VN060288.D (-2186) (-)

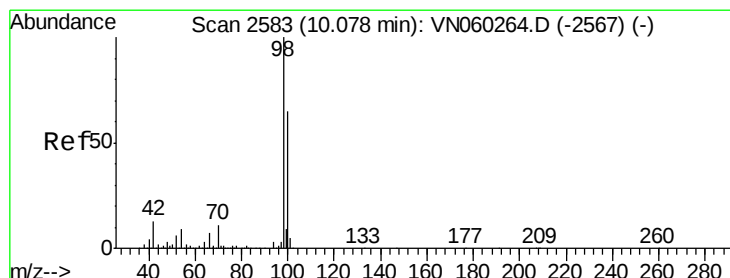
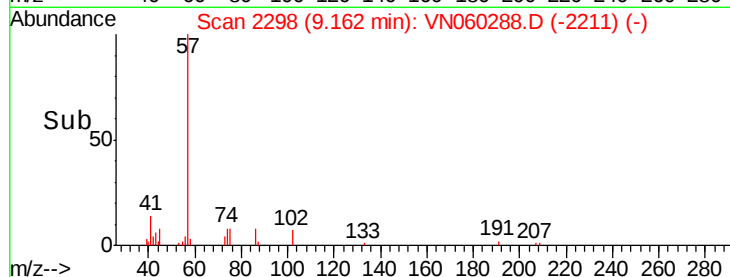
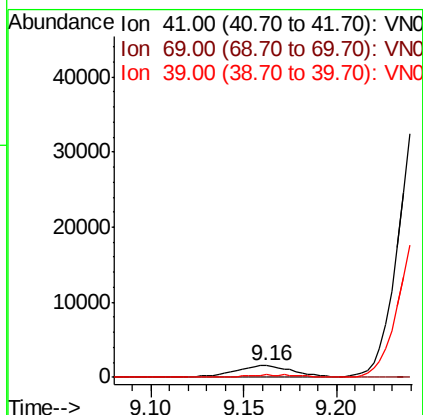
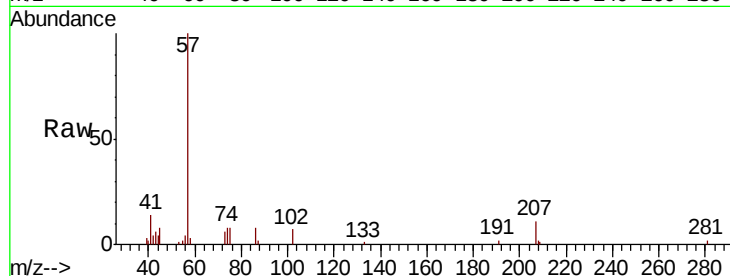




#48
Methvl methacrylate
Concen: 1.438 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.02 min
Lab File: VN060288.D
Acq: 28 Feb 2020 16:34

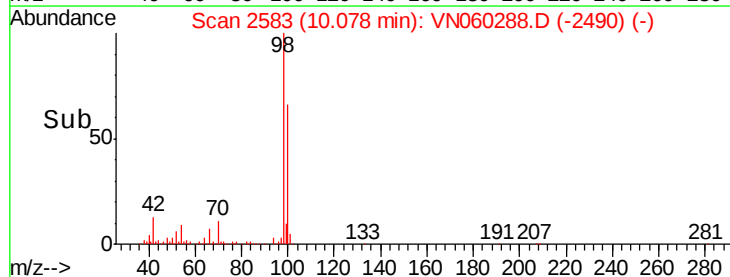
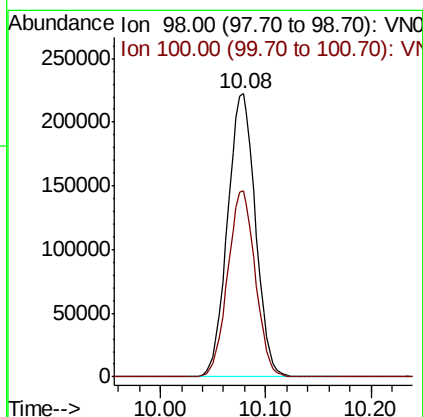
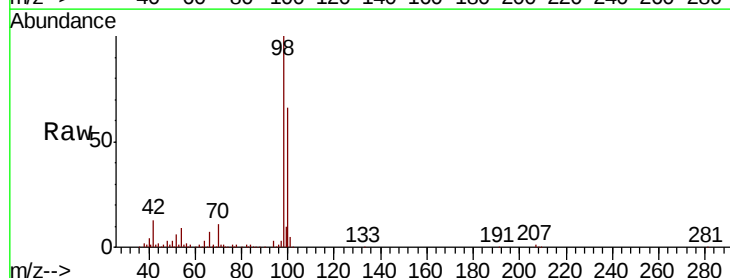
Instrument :
MSVOA_N
ClientSampleId :

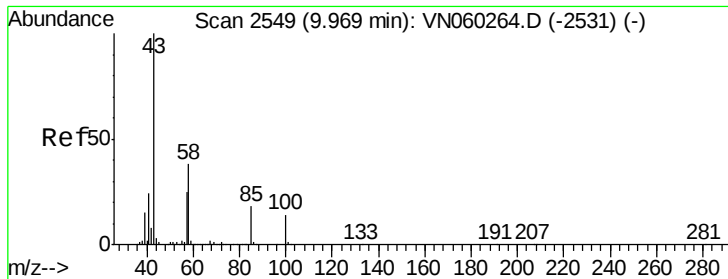
Tot Ion: 41 Resp: 3405
Ion Ratio Lower Upper
41 100
69 0.0 66.7 100.1#
39 0.0 50.1 75.1#



#50
Toluene-d8
Concen: 52.644 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN060288.D
Acq: 28 Feb 2020 16:34

Tgt Ion: 98 Resp: 406476
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 1.858 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN060288.D

Acq: 28 Feb 2020 16:34

Instrument :

MSVOA_N

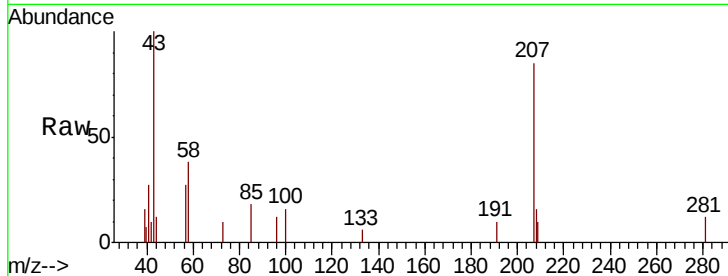
ClientSampleId :

Tot Ion: 43 Resp: 5469

Ion Ratio Lower Upper

43 100

58 35.1 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-2531) (-)

Ion 58.00 (57.70 to 58.70): VN060264.D (-2531) (-)

20000

15000

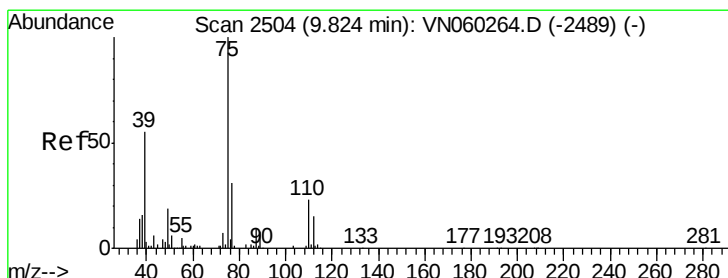
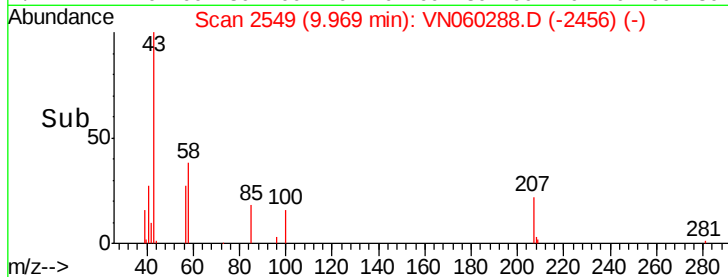
10000

5000

0

9.95 9.97 10.00

Time-->



#54

cis-1,3-Dichloropropene

Concen: 6.374 ug/l

RT: 9.89 min Scan# 2524

Delta R.T. 0.06 min

Lab File: VN060288.D

Acq: 28 Feb 2020 16:34

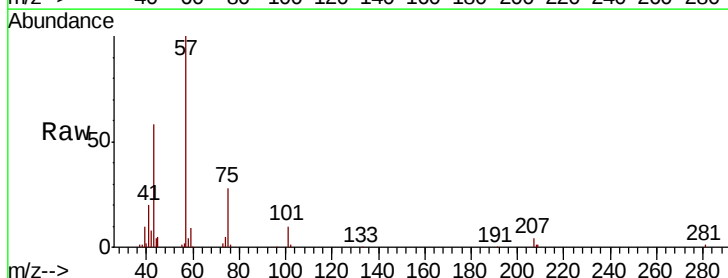
Tgt Ion: 75 Resp: 25457

Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#

39 33.9 43.8 65.8#



Abundance Ion 74.90 (74.60 to 75.60): VN060288.D (-2411) (-)

Ion 76.90 (76.60 to 77.60): VN060288.D (-2411) (-)

Ion 39.00 (38.70 to 39.70): VN060288.D (-2411) (-)

20000

15000

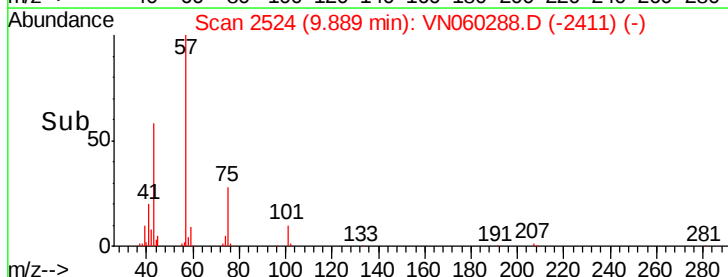
10000

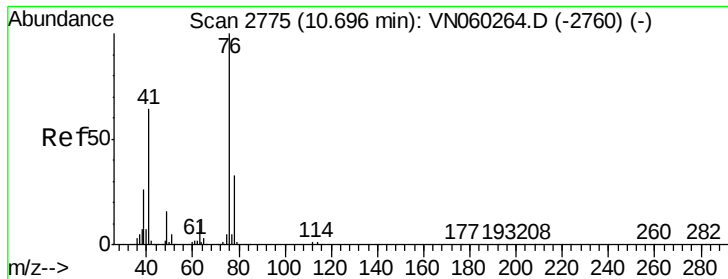
5000

0

9.85 9.89 9.95

Time-->





#57

1,3-Dichloropropane

Concen: 1.109 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.06 min

Lab File: VN060288.D

Acq: 28 Feb 2020 16:34

Instrument :

MSVOA_N

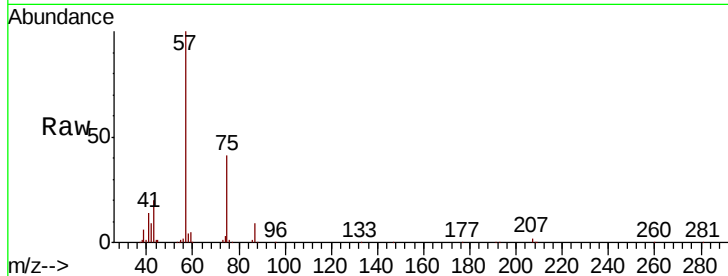
ClientSampleId :

Tot Ion: 76 Resp: 4165

Ion Ratio Lower Upper

76 100

78 0.0 26.2 39.2#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.75

2500

2000

1500

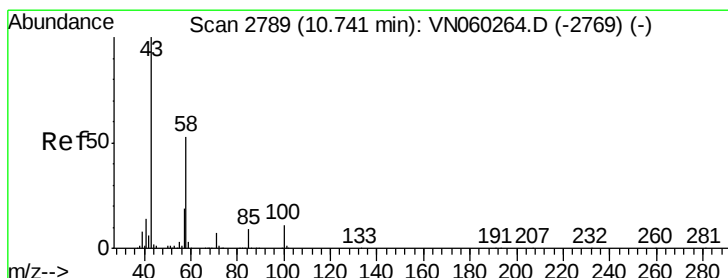
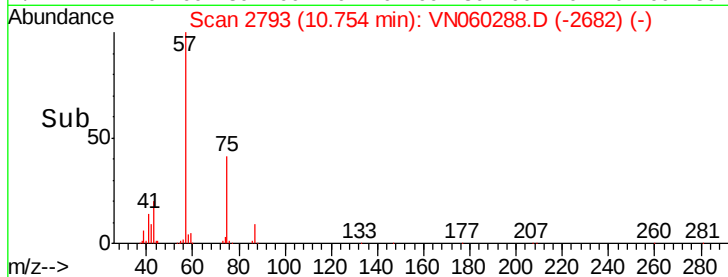
1000

500

0

Time-->

10.70 10.75 10.80



#59

2-Hexanone

Concen: 26.982 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.01 min

Lab File: VN060288.D

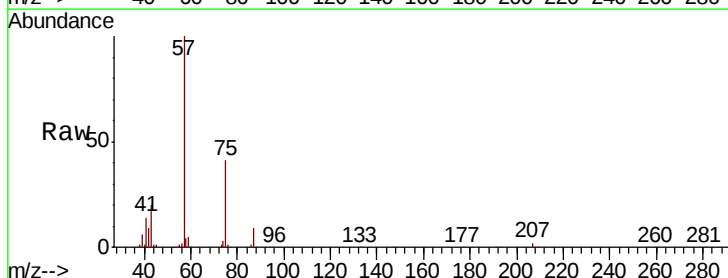
Acq: 28 Feb 2020 16:34

Tgt Ion: 43 Resp: 58323

Ion Ratio Lower Upper

43 100

58 18.7 26.5 79.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10.75

40000

30000

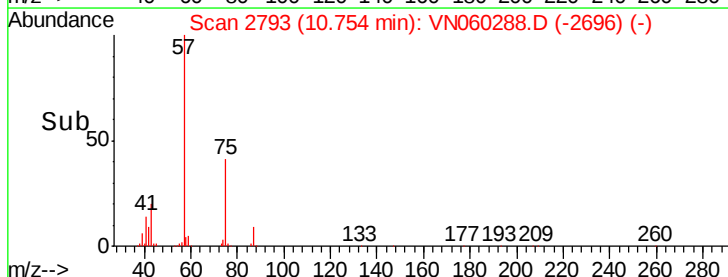
20000

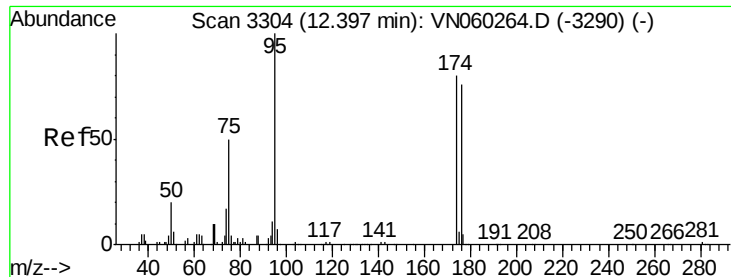
10000

0

Time-->

10.70 10.75 10.80

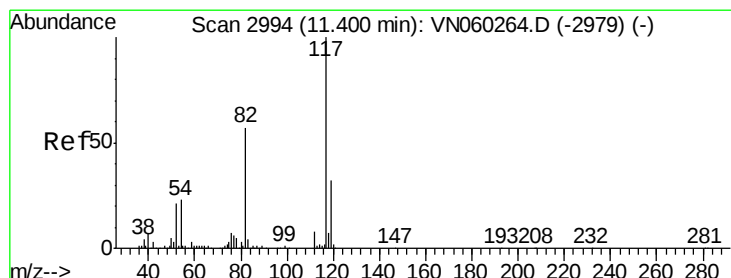
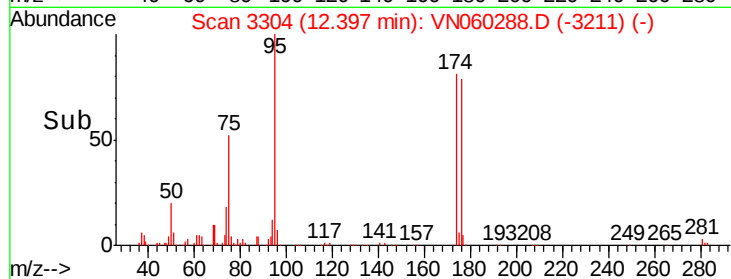
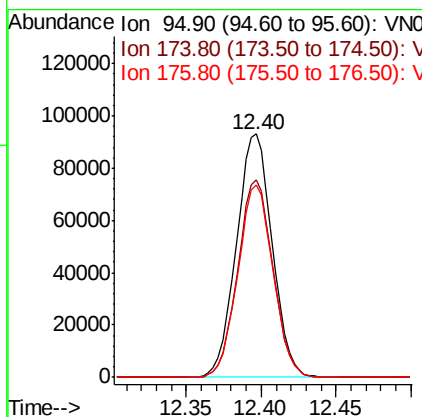
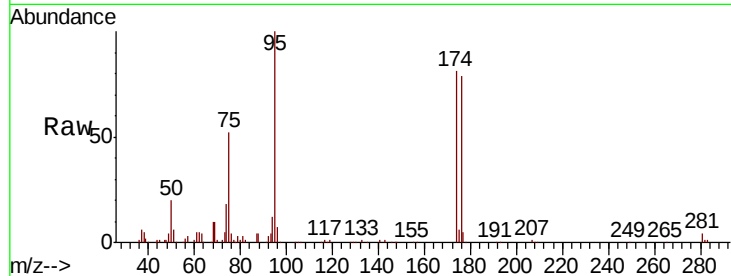




#62
4-Bromofluorobenzene
Concen: 52.835 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060288.D
Acq: 28 Feb 2020 16:34

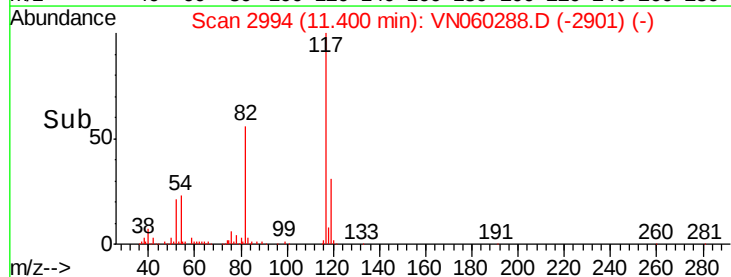
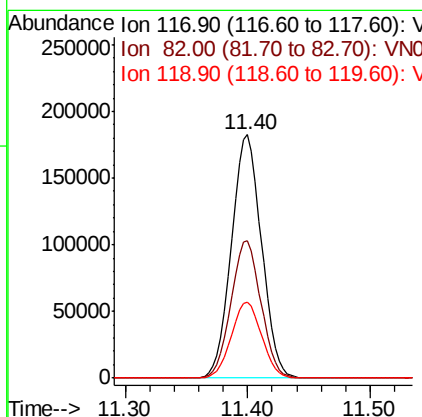
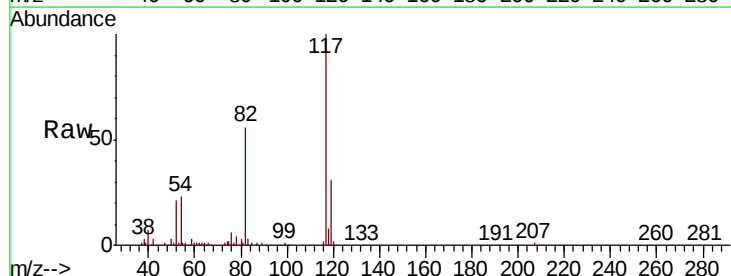
Instrument :
MSVOA_N
ClientSampleId :

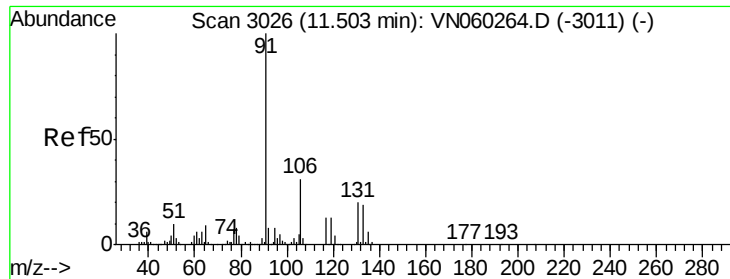
Tot Ion: 95 Resp: 154644
Ion Ratio Lower Upper
95 100
174 80.2 0.0 159.2
176 77.9 0.0 153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060288.D
Acq: 28 Feb 2020 16:34

Tgt Ion: 117 Resp: 312738
Ion Ratio Lower Upper
117 100
82 56.4 45.8 68.6
119 31.4 25.8 38.8

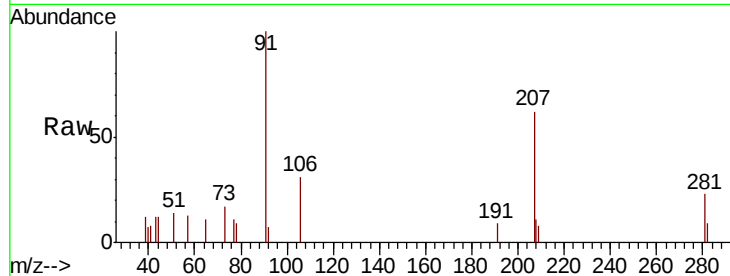




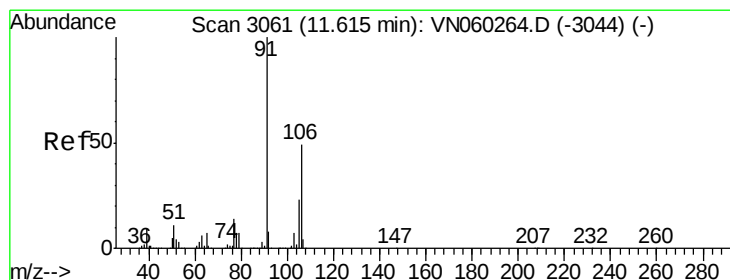
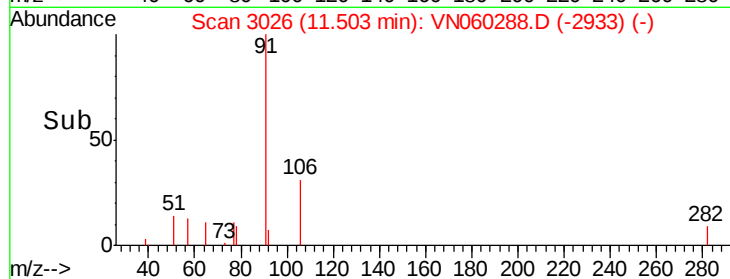
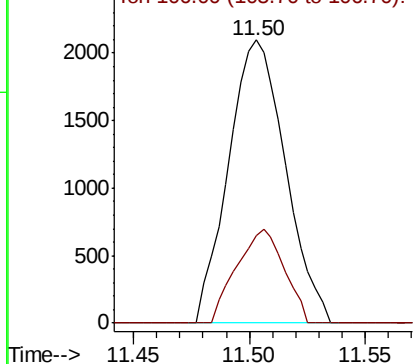
#67
Ethyl Benzene
Concen: 0.311 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060288.D
Acq: 28 Feb 2020 16:34

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 91 Resp: 3575
Ion Ratio Lower Upper
91 100
106 30.9 24.7 37.1

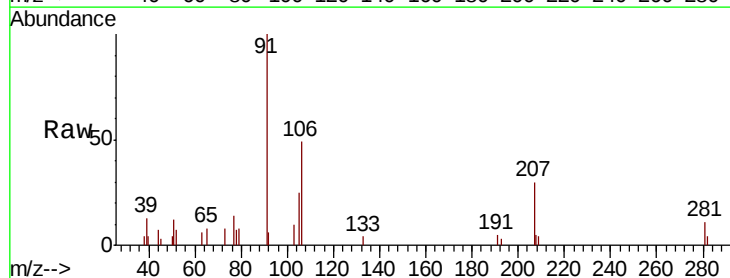


Abundance Ion 91.00 (90.70 to 91.70): VN060264.D (-3011) (-)
Ion 106.00 (105.70 to 106.70): VN060264.D (-3011) (-)

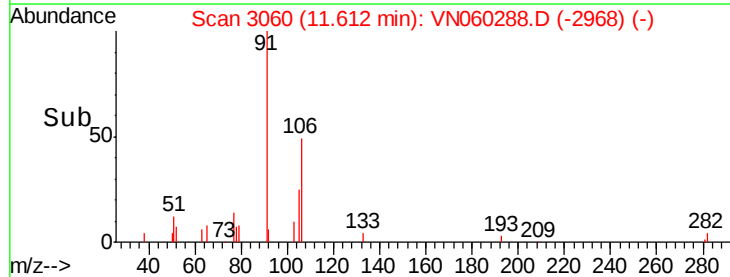
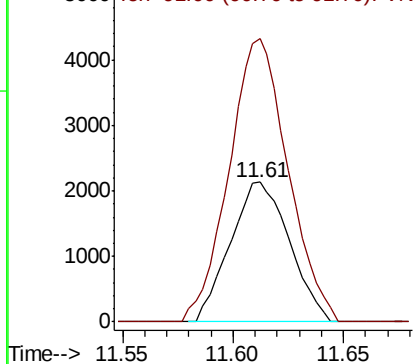


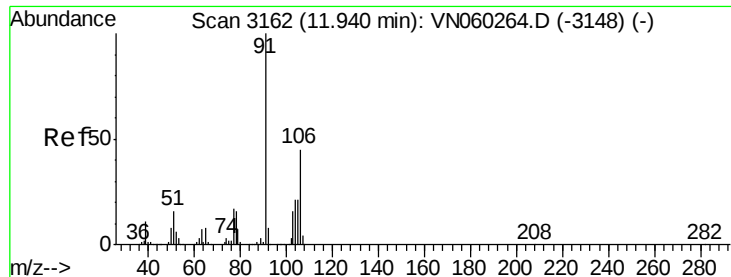
#68
m/p-Xylenes
Concen: 0.913 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN060288.D
Acq: 28 Feb 2020 16:34

Tgt Ion: 106 Resp: 3963
Ion Ratio Lower Upper
106 100
91 201.9 164.5 246.7



Abundance Ion 106.00 (105.70 to 106.70): VN060264.D (-3044) (-)
Ion 91.00 (90.70 to 91.70): VN060264.D (-3044) (-)

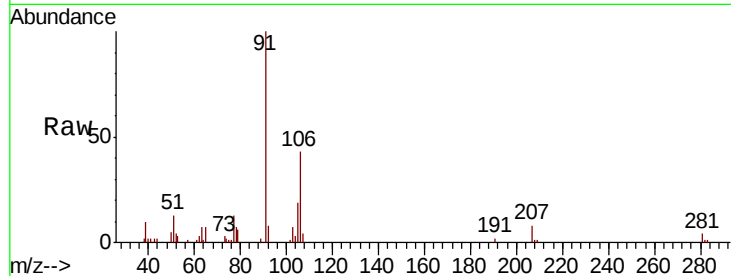




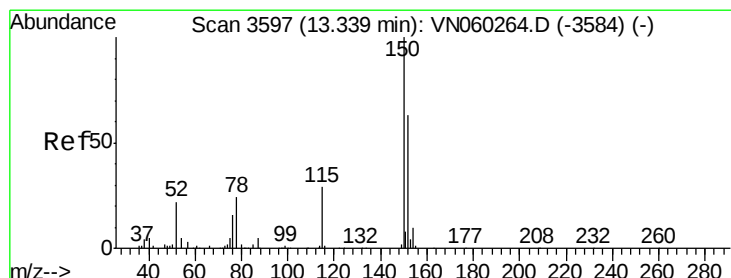
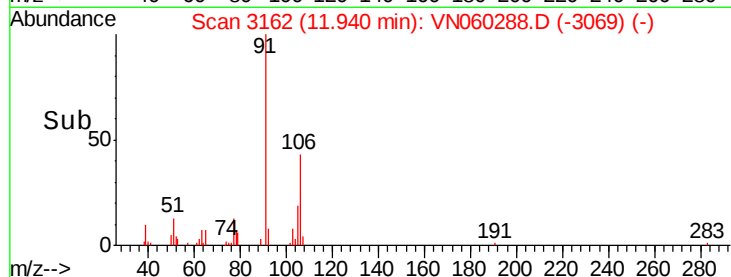
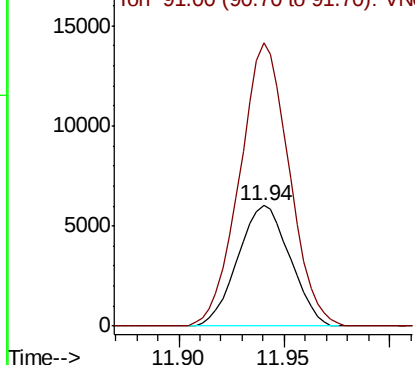
#69
o-Xylene
Concen: 2.500 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060288.D
Acq: 28 Feb 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:106 Resp: 10343
Ion Ratio Lower Upper
106 100
91 223.1 109.5 328.4

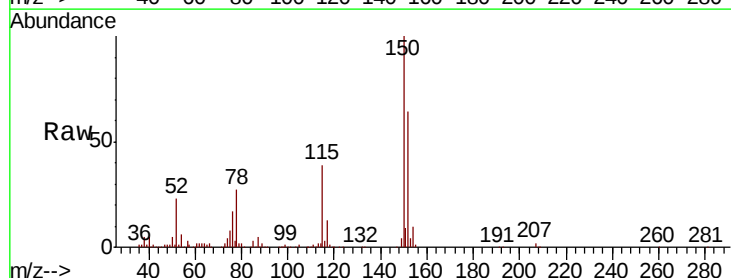


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

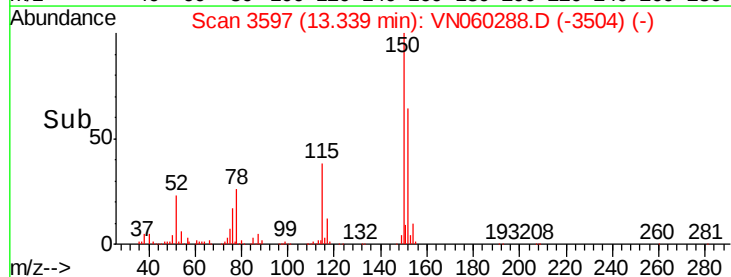
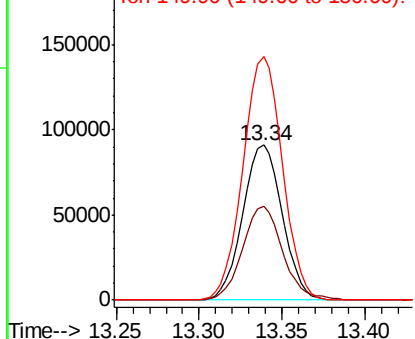


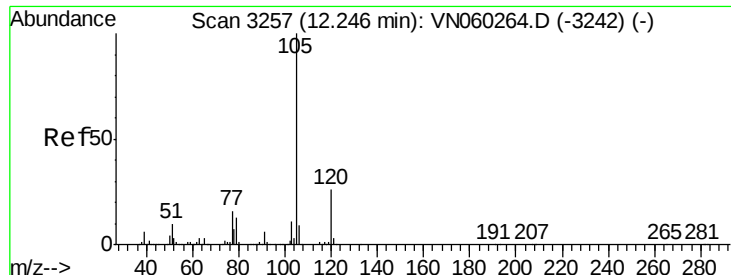
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060288.D
Acq: 28 Feb 2020 16:34

Tgt Ion:152 Resp: 151659
Ion Ratio Lower Upper
152 100
115 61.8 30.0 90.0
150 156.4 0.0 349.6



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: 0.229 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN060288.D

Acq: 28 Feb 2020 16:34

Instrument :

MSVOA_N

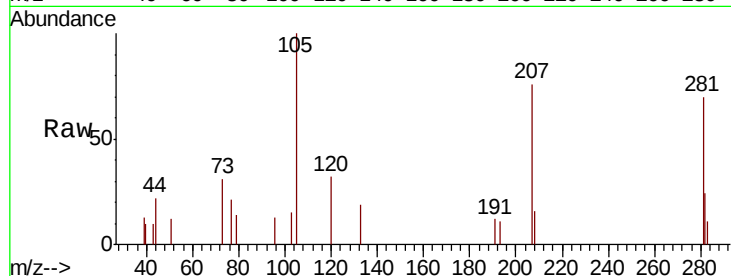
ClientSampled :

Tot Ion: 105 Resp: 2575

Ion Ratio Lower Upper

105 100

120 27.9 13.0 38.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

1500

1000

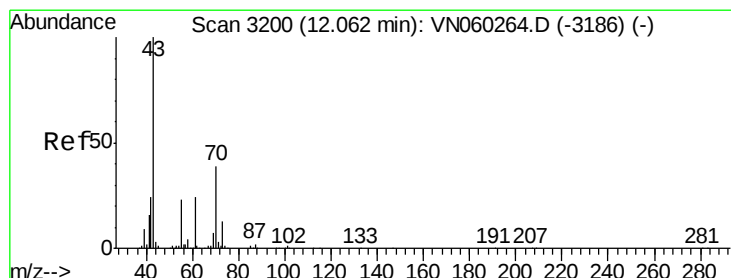
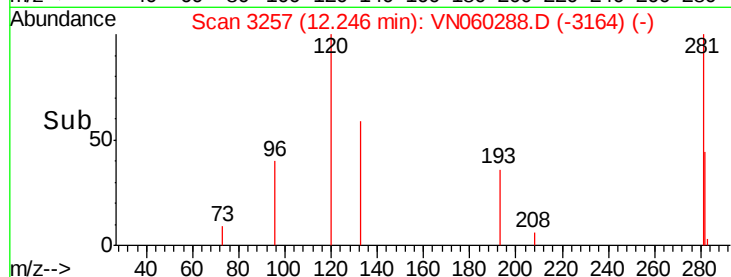
500

0

Time-->

12.20

12.25



#74

N-ethyl acetate

Concen: 0.779 ug/l

RT: 12.02 min Scan# 3187

Delta R.T. -0.04 min

Lab File: VN060288.D

Acq: 28 Feb 2020 16:34

Tgt Ion: 43 Resp: 3825

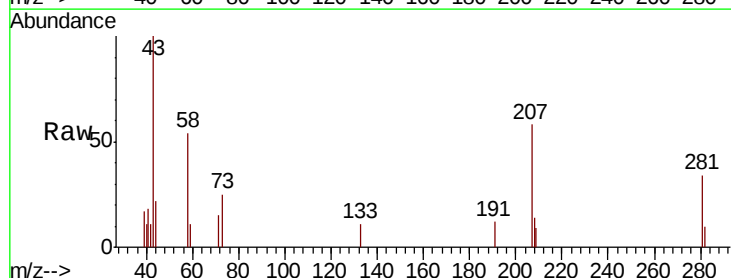
Ion Ratio Lower Upper

43 100

70 0.0 32.2 48.2#

55 0.0 18.2 27.4#

61 0.0 19.2 28.8#



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

2500

2000

1500

1000

500

0

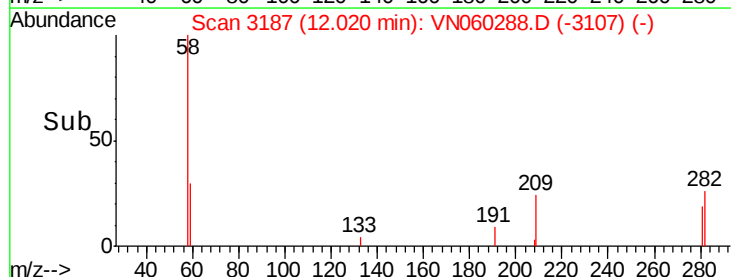
Time-->

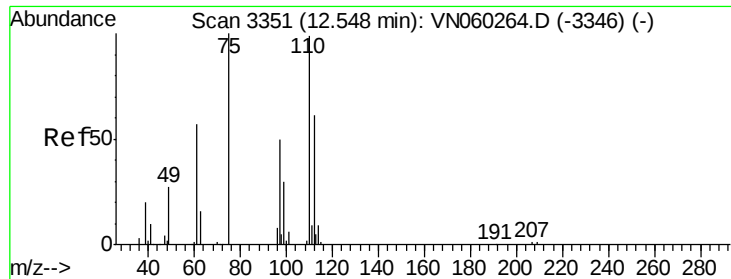
11.95

12.00

12.05

12.10





#76

1,2,3-Trichloropropane

Concen: 24.167 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN060288.D

Acq: 28 Feb 2020 16:34

Instrument :

MSVOA_N

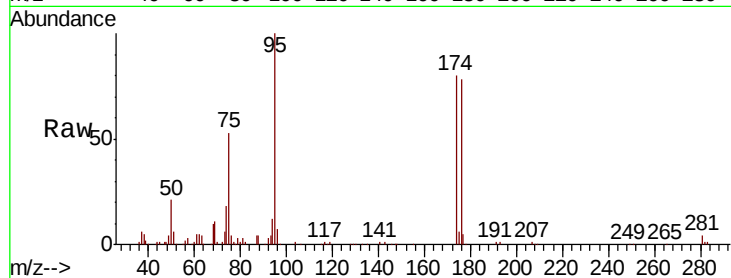
ClientSampleId :

Tot Ion: 75 Resp: 80414

Ion Ratio Lower Upper

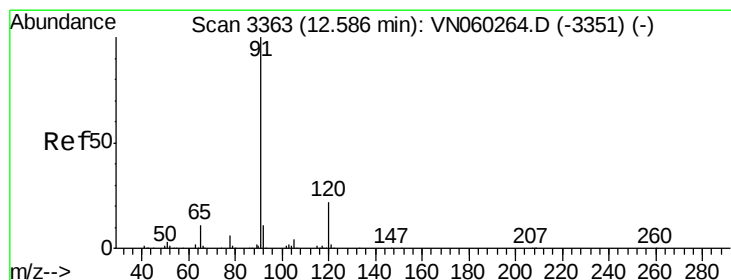
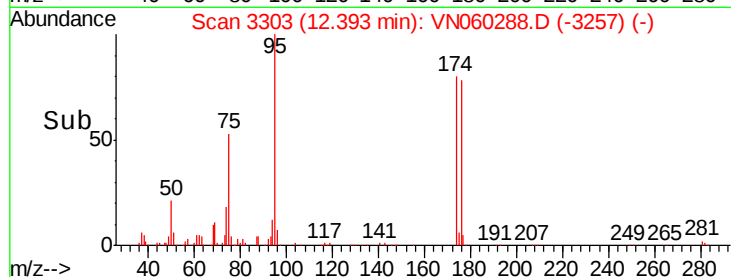
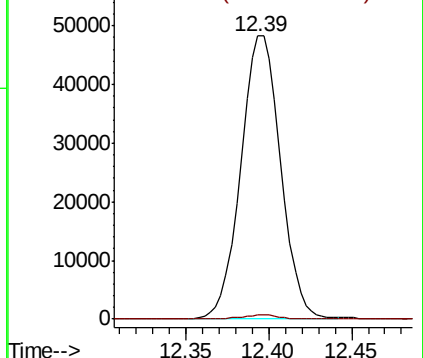
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 0.468 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060288.D

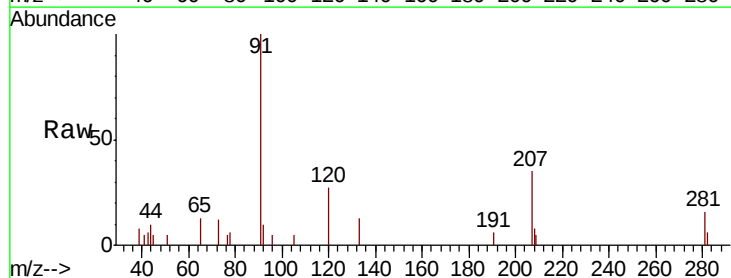
Acq: 28 Feb 2020 16:34

Tgt Ion: 91 Resp: 6168

Ion Ratio Lower Upper

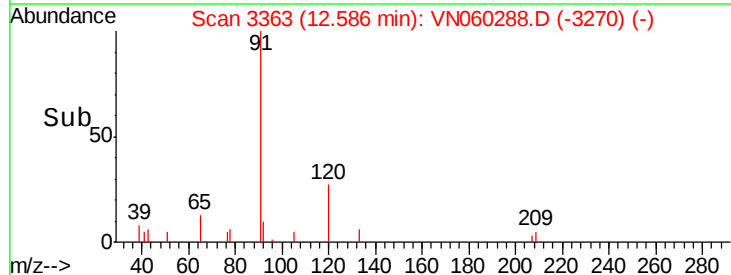
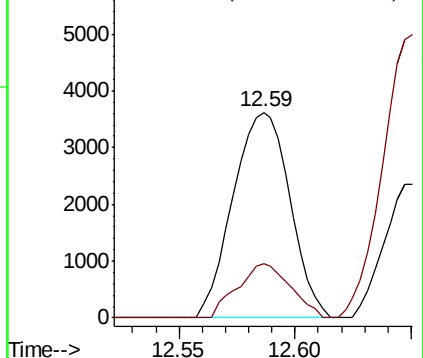
91 100

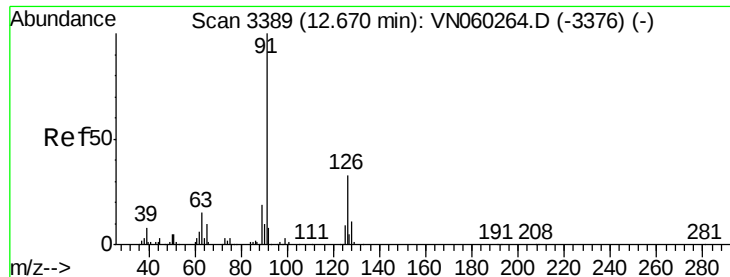
120 24.6 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.486 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.02 min

Lab File: VN060288.D

Acq: 28 Feb 2020 16:34

Instrument :

MSVOA_N

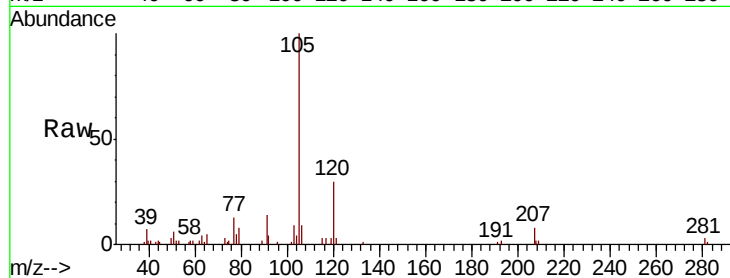
ClientSampled :

Tot Ion: 91 Resp: 3768

Ion Ratio Lower Upper

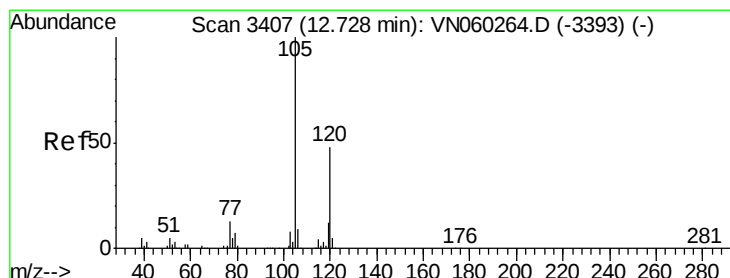
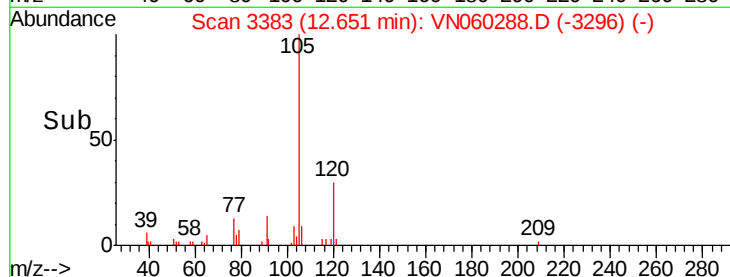
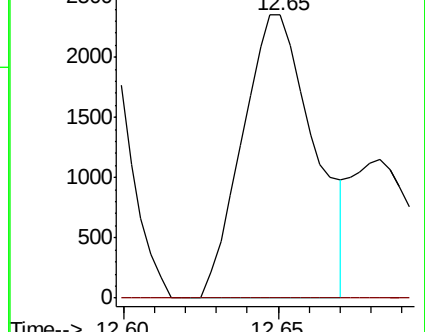
91 100

126 0.0 16.6 49.8#



Abundance Ion 91.00 (90.70 to 91.70): VN060264.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN060264.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 3.248 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060288.D

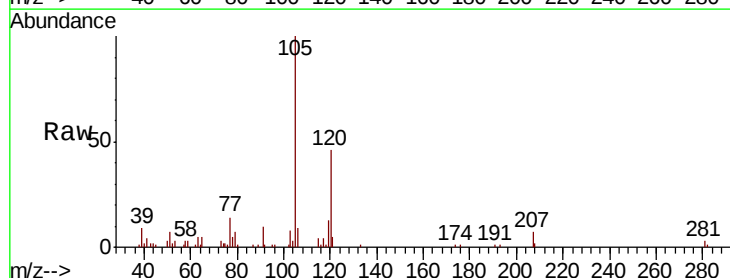
Acq: 28 Feb 2020 16:34

Tgt Ion: 105 Resp: 30742

Ion Ratio Lower Upper

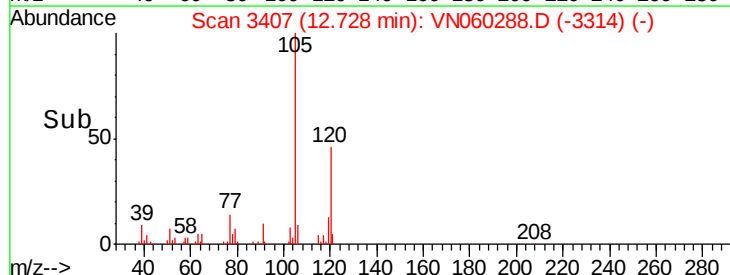
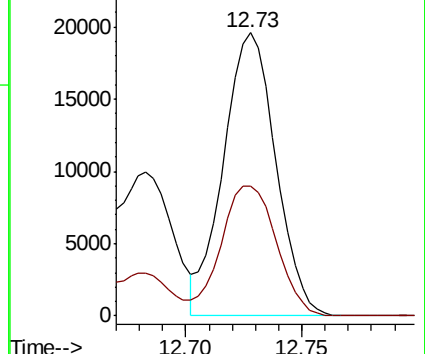
105 100

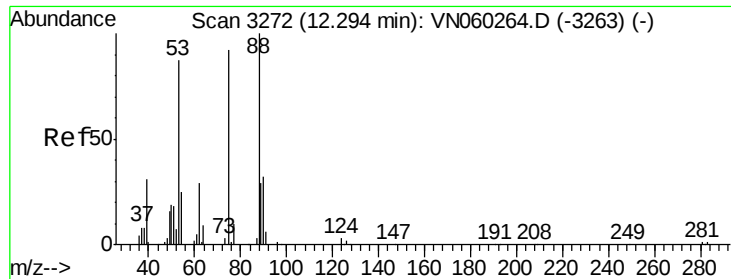
120 48.3 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN060264.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN060264.D (-3393) (-)

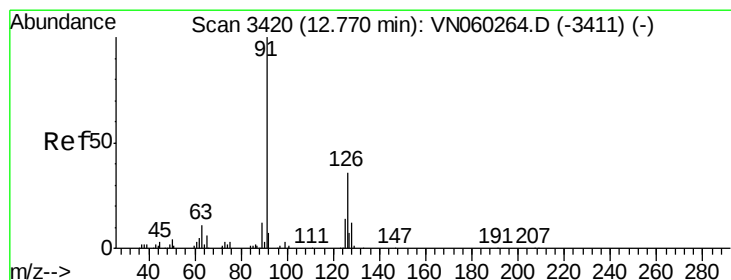
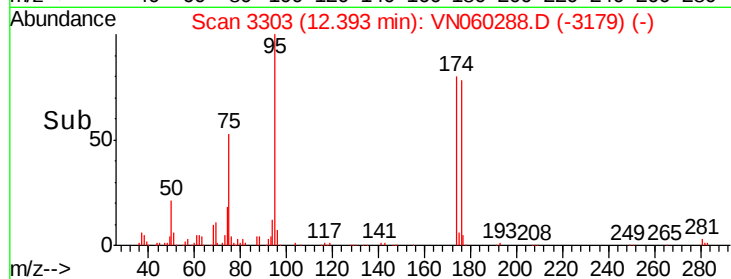
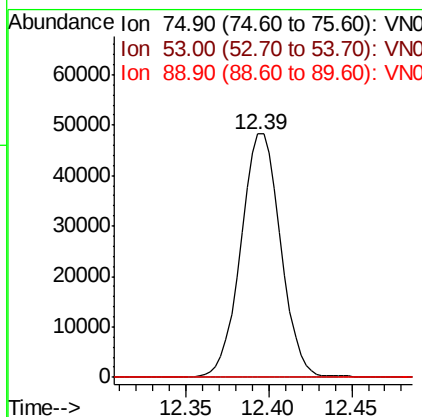
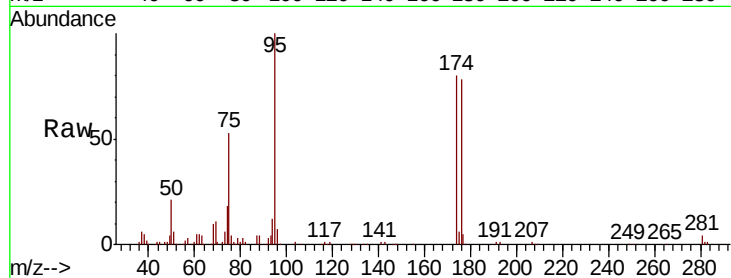




#81
trans-1,4-Dichloro-2-butene
Concen: 66.713 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.10 min
Lab File: VN060288.D
Acq: 28 Feb 2020 16:34

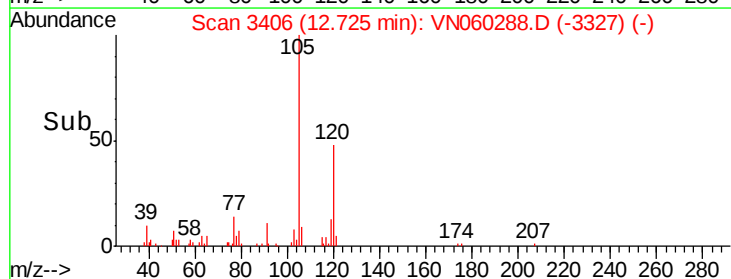
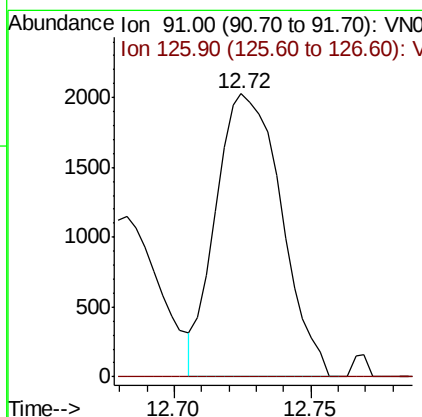
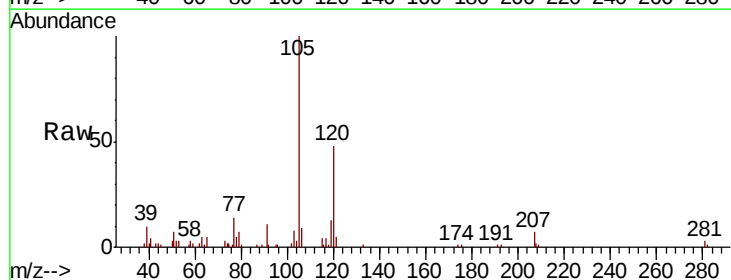
Instrument :
MSVOA_N
ClientSampleId :

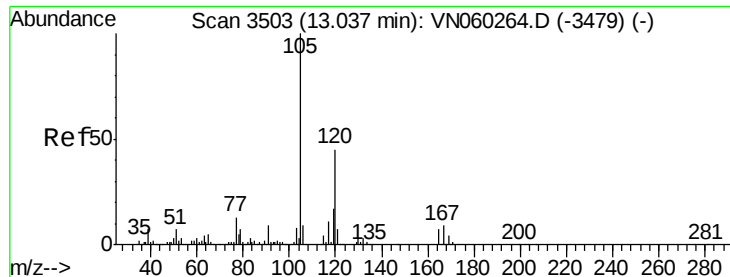
Tot Ion: 75 Resp: 80414
Ion Ratio Lower Upper
75 100
53 0.0 73.8 110.6#
89 0.0 57.1 85.7#



#82
4-Chlorotoluene
Concen: 0.414 ug/l
RT: 12.72 min Scan# 3406
Delta R.T. -0.05 min
Lab File: VN060288.D
Acq: 28 Feb 2020 16:34

Tgt Ion: 91 Resp: 3380
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.1#





#84

1,2,4-Trimethylbenzene

Concen: 5.923 ug/l

RT: 13.03 min Scan# 3502

Delta R.T. -0.00 min

Lab File: VN060288.D

Acq: 28 Feb 2020 16:34

Instrument :

MSVOA_N

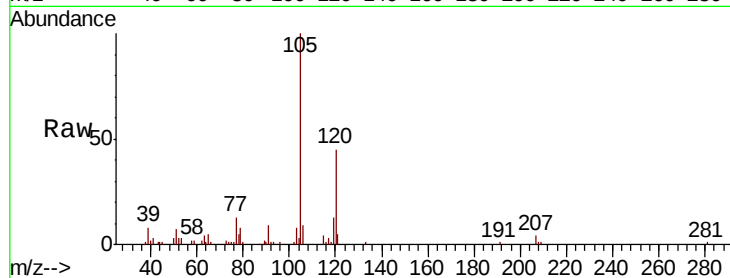
ClientSampled :

Tot Ion:105 Resp: 56581

Ion Ratio Lower Upper

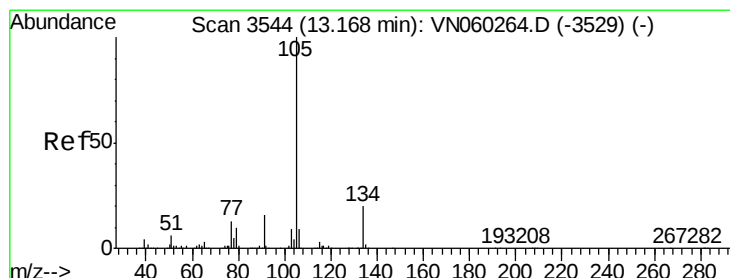
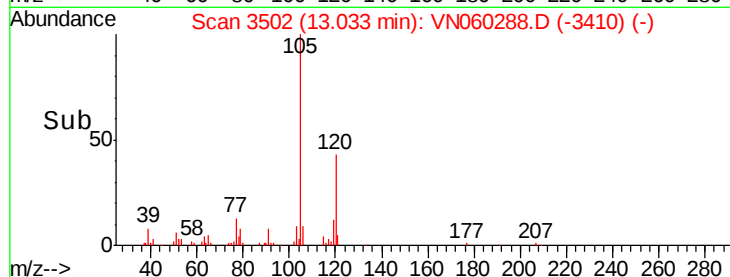
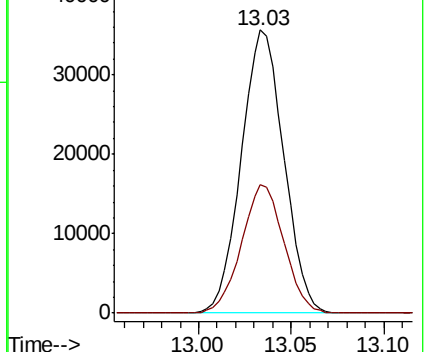
105 100

120 45.1 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.367 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060288.D

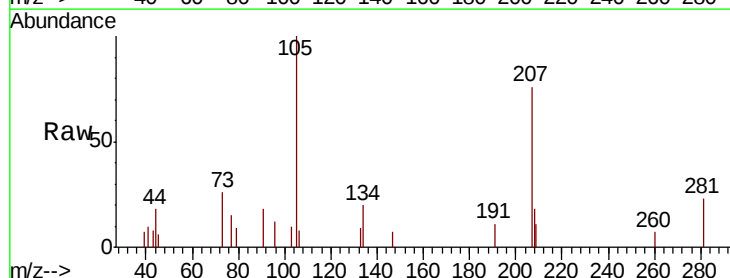
Acq: 28 Feb 2020 16:34

Tgt Ion:105 Resp: 4025

Ion Ratio Lower Upper

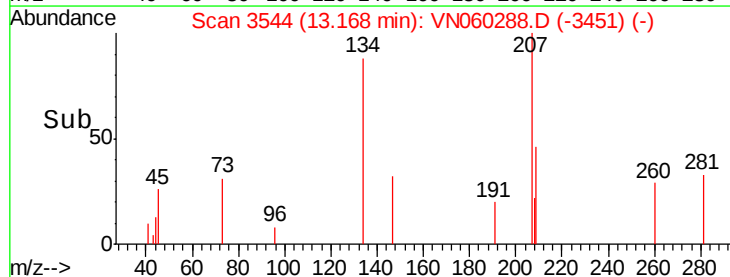
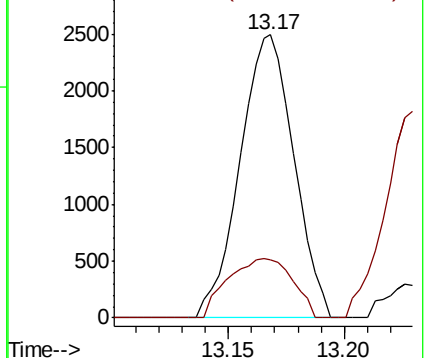
105 100

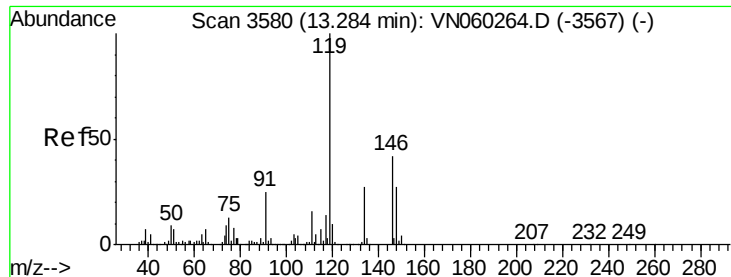
134 25.1 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

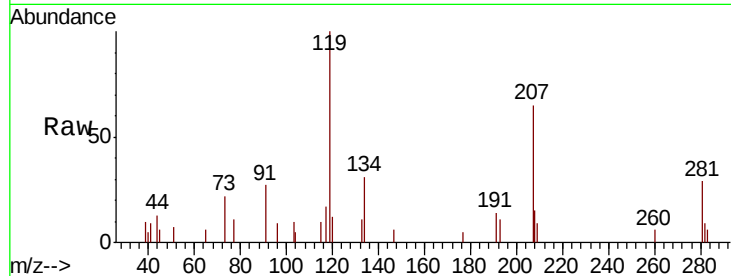




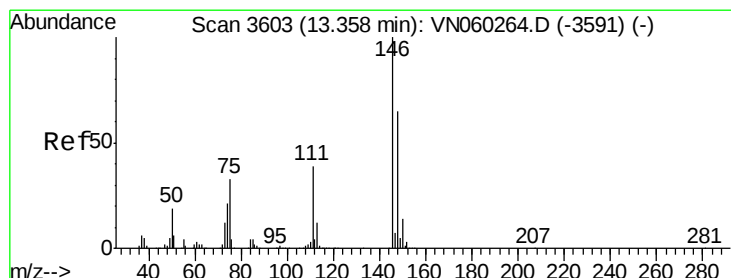
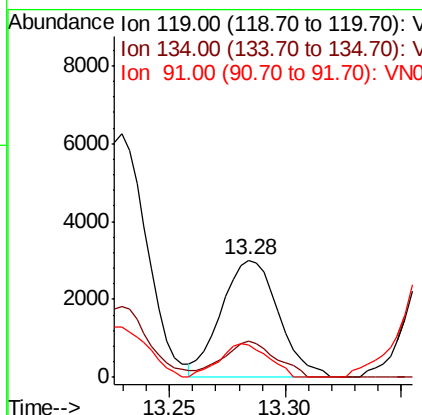
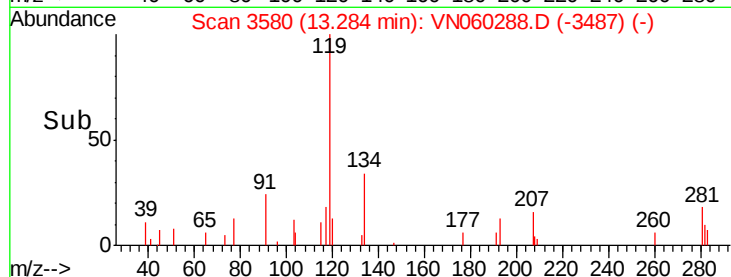
#86
 p-Isopropyltoluene
 Concen: 0.509 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN060288.D
 Acq: 28 Feb 2020 16:34

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
134	28.8	13.2	39.6
91	24.4	12.2	36.6

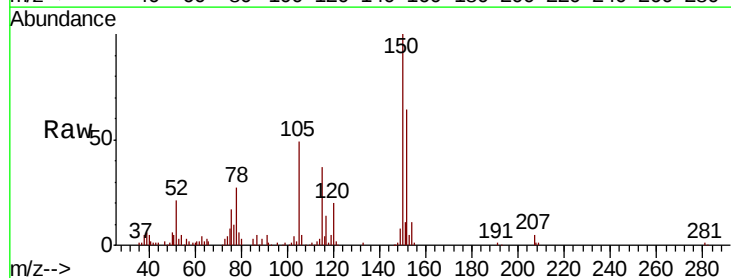


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

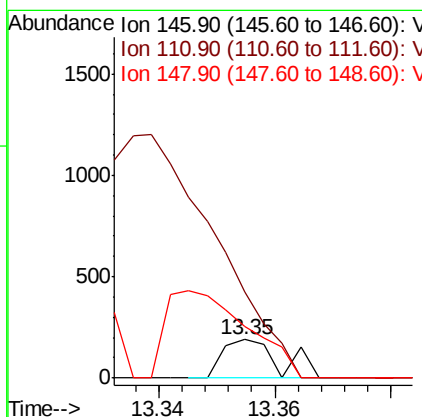
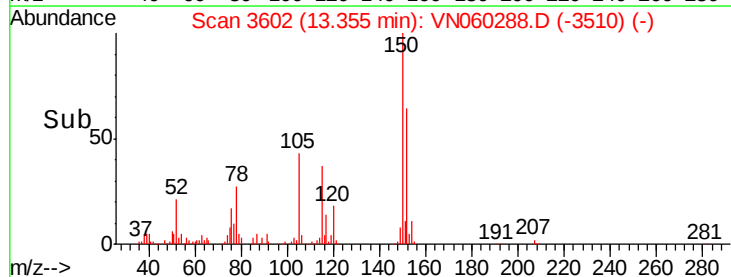


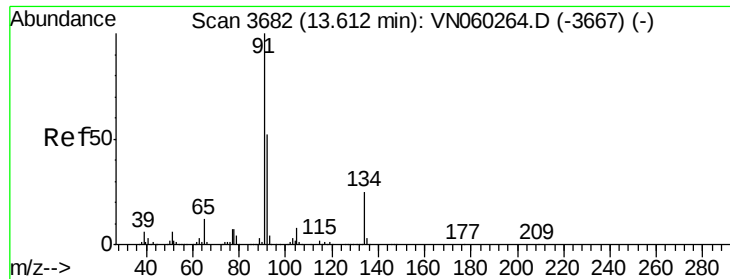
#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 13.35 min Scan# 3602
 Delta R.T. -0.00 min
 Lab File: VN060288.D
 Acq: 28 Feb 2020 16:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	19.8	59.4#
148	327.1	32.3	96.9#



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

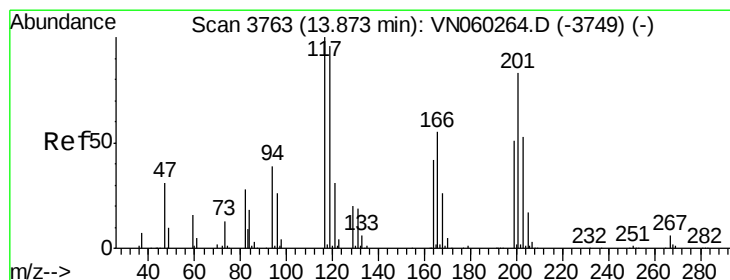
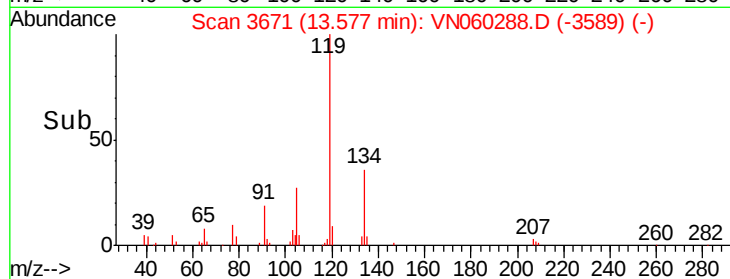
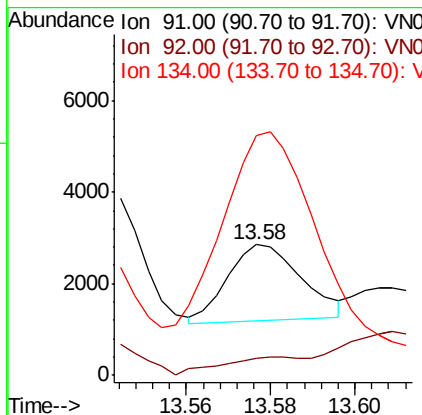
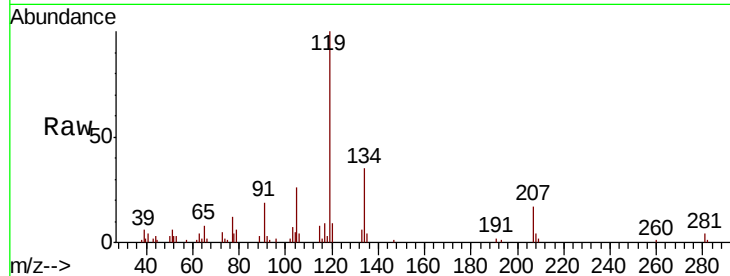




#89
n-Butylbenzene
Concen: 0.218 ug/l
RT: 13.58 min Scan# 3671
Delta R.T. -0.04 min
Lab File: VN060288.D
Acq: 28 Feb 2020 16:34

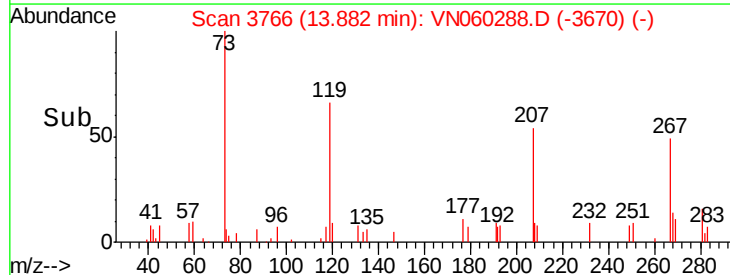
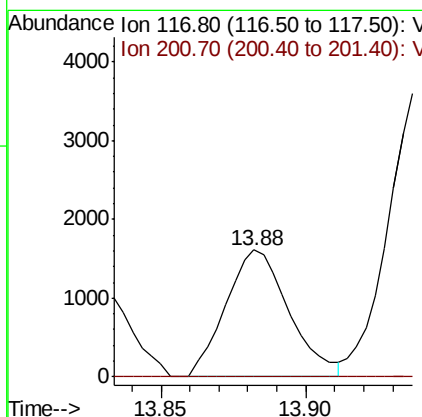
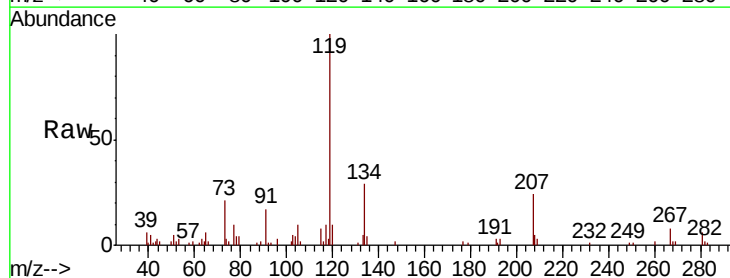
Instrument :
MSVOA_N
ClientSampleId :

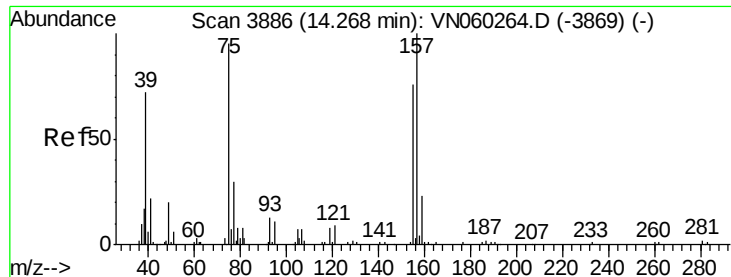
Tot Ion: 91 Resp: 2036
Ion Ratio Lower Upper
91 100
92 28.6 26.0 78.0
134 483.0 12.7 38.1#



#90
Hexachloroethane
Concen: 1.666 ug/l
RT: 13.88 min Scan# 3766
Delta R.T. 0.01 min
Lab File: VN060288.D
Acq: 28 Feb 2020 16:34

Tgt Ion: 117 Resp: 2449
Ion Ratio Lower Upper
117 100
201 0.0 41.0 123.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.387 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.03 min

Lab File: VN060288.D

Acq: 28 Feb 2020 16:34

Instrument :

MSVOA_N

ClientSampled :

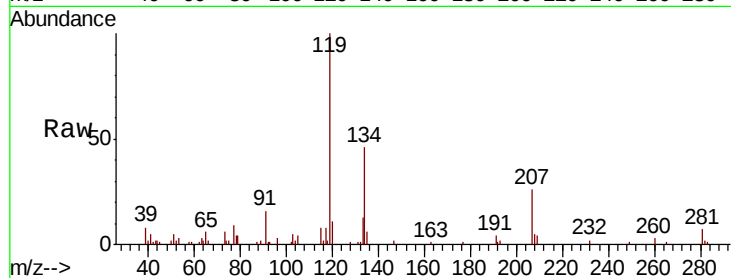
Tot Ion: 75 Resp: 268

Ion Ratio Lower Upper

75 100

155 0.0 40.4 121.2#

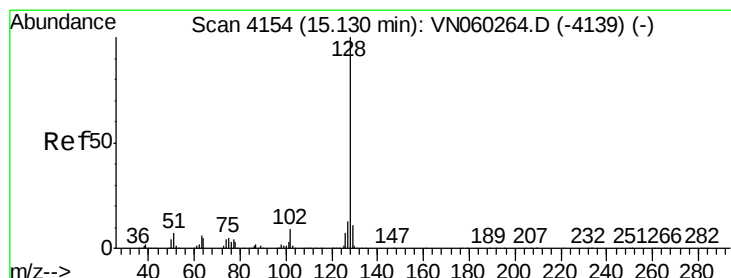
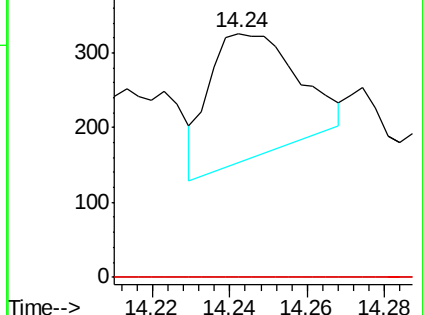
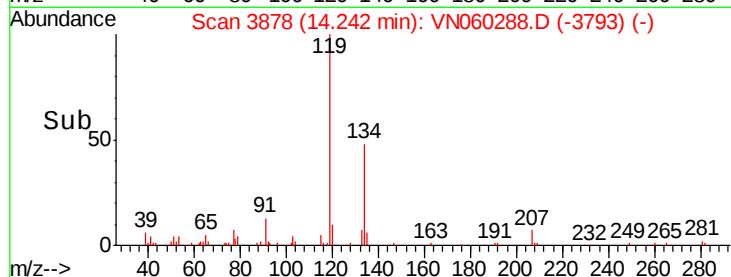
157 0.0 52.5 157.5#



Abundance Ion 74.90 (74.60 to 75.60): VN060288.D (-3793) (-)

Ion 154.80 (154.50 to 155.50): VN060288.D (-3793) (-)

Ion 156.80 (156.50 to 157.50): VN060288.D (-3793) (-)



#95

Naphthalene

Concen: 0.742 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060288.D

Acq: 28 Feb 2020 16:34

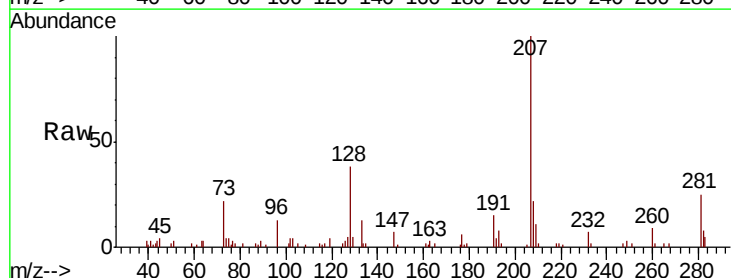
Tgt Ion: 128 Resp: 9120

Ion Ratio Lower Upper

128 100

127 12.6 10.4 15.6

129 11.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): VN060288.D (-4060) (-)

Ion 127.00 (126.70 to 127.70): VN060288.D (-4060) (-)

Ion 129.00 (128.70 to 129.70): VN060288.D (-4060) (-)

