

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050719\
 Data File : VN055465.D
 Acq On : 8 May 2019 3:40
 Operator : JC/SP
 Sample : K2717-15
 Misc : 5.50uL/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS003-0206-01

Quant Time: May 08 05:57:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	437239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	679706	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	545844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	176468	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	287024	50.18	ug/l	0.00
Spiked Amount			Recovery	=	100.36%	
35) Dibromofluoromethane	7.59	113	213177	47.78	ug/l	0.00
Spiked Amount			Recovery	=	95.56%	
50) Toluene-d8	10.09	98	796529	49.44	ug/l	0.00
Spiked Amount			Recovery	=	98.88%	
62) 4-Bromofluorobenzene	12.40	95	233327	46.34	ug/l	0.00
Spiked Amount			Recovery	=	92.68%	

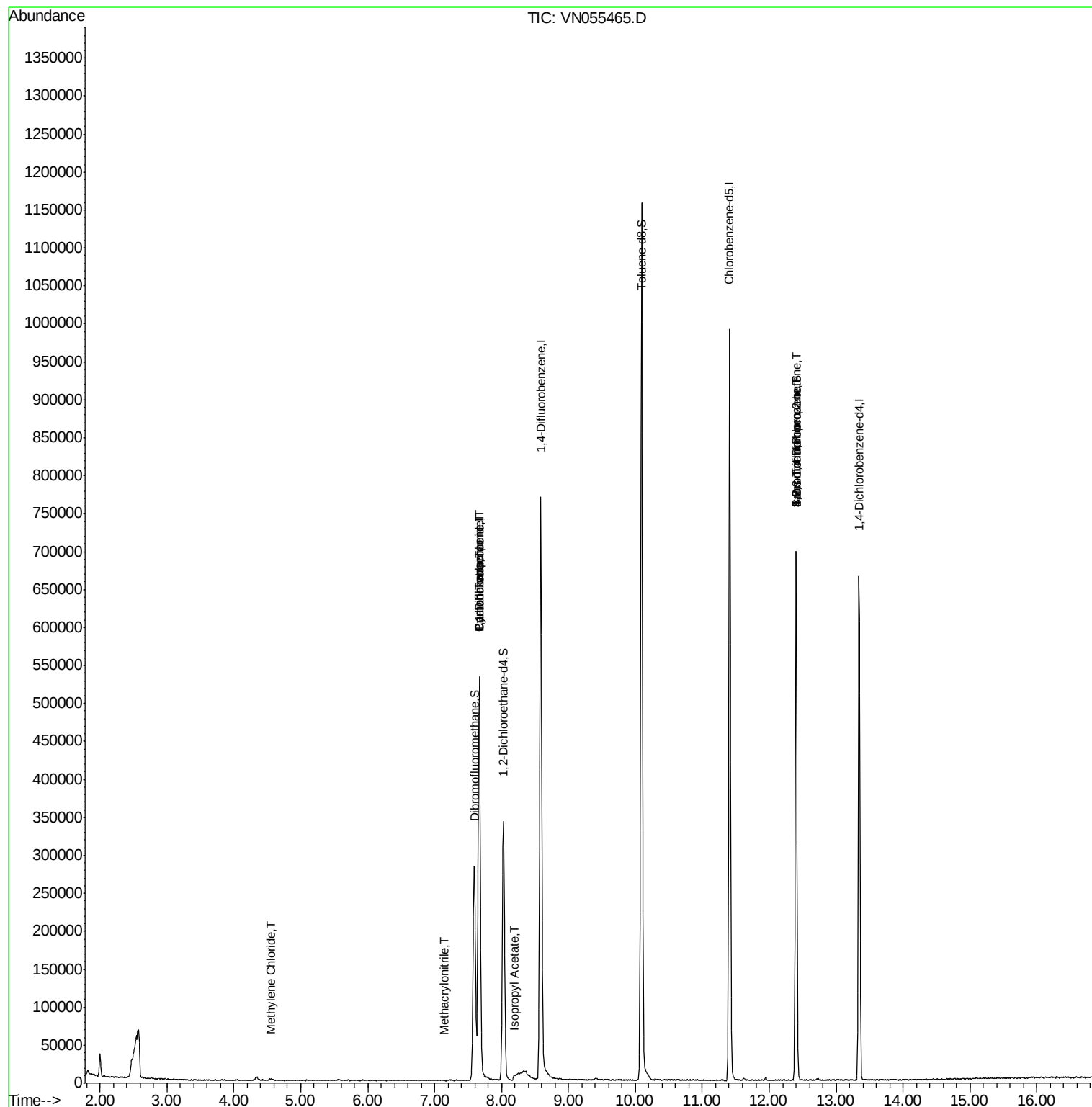
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Methyl Acetate	4.32	43	2589	Below Cal		100
20) Methylene Chloride	4.55	84	1234	0.227	ug/l #	86
31) Cyclohexane	7.67	56	9963	1.107	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	34067	5.233	ug/l #	46
38) Carbon Tetrachloride	7.67	117	41510	6.610	ug/l #	16
41) Methacrylonitrile	7.15	41	29	0.750	ug/l #	1
43) Isopropyl Acetate	8.19	43	3062	0.382	ug/l #	56
71) Bromoform	12.40	173	1237	0.533	ug/l #	1
73) Isopropylbenzene	12.39	105	248	Below Cal	#	49
76) 1,2,3-Trichloropropane	12.40	75	122901	36.804	ug/l #	100
79) 2-Chlorotoluene	12.77	91	253	Below Cal	#	42
81) trans-1,4-Dichloro-2-buten	12.40	75	122901	131.982	ug/l #	7

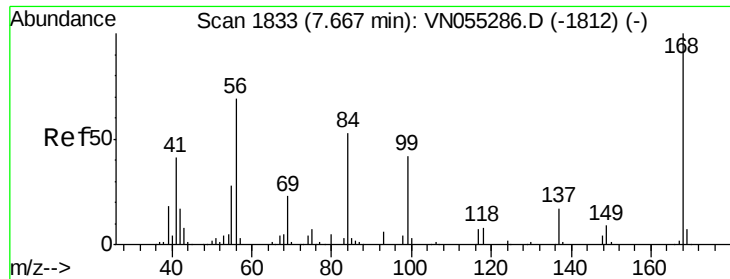
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050719\
Data File : VN055465.D
Acq On : 8 May 2019 3:40
Operator : JC/SP
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Misc : 5.50g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
P026-SS003-0206-01

Quant Time: May 08 05:57:18 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055465.D

Acq: 8 May 2019 3:40

Instrument :

MSVOA_N

ClientSampleId :

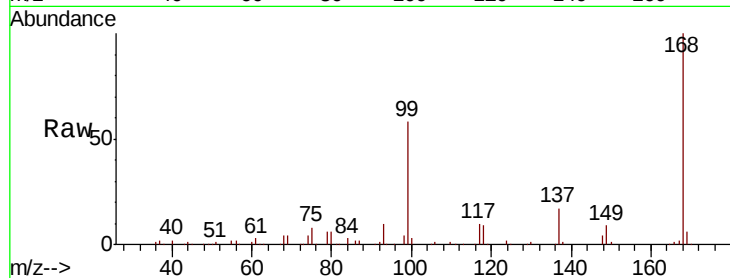
P026-SS003-0206-01

Tot Ion:168 Resp: 437239

Ion Ratio Lower Upper

168 100

99 57.7 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

200000

150000

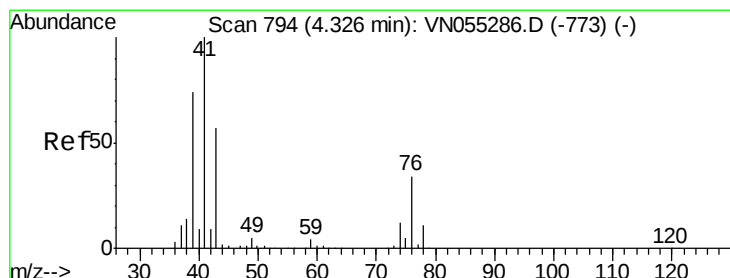
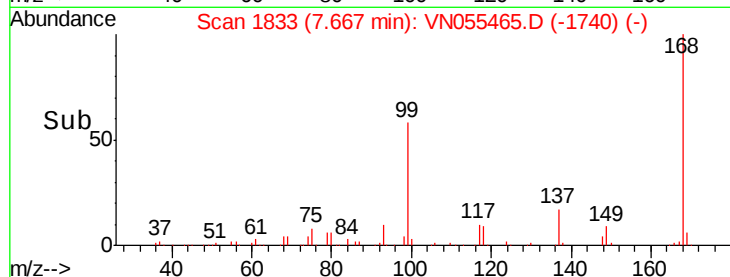
100000

50000

0

Time-->

7.60 7.70



#18

Methyl Acetate

Concen: Below Cal

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN055465.D

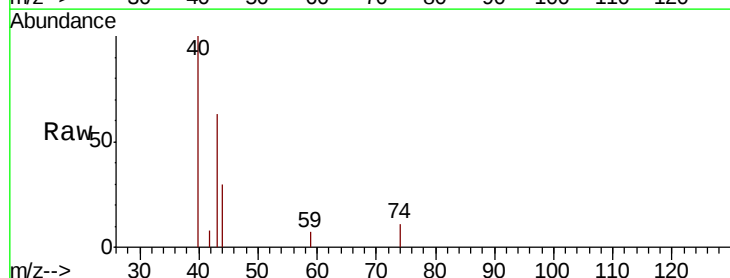
Acq: 8 May 2019 3:40

Tgt Ion: 43 Resp: 2589

Ion Ratio Lower Upper

43 100

74 19.9 15.8 23.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 74.00 (73.70 to 74.70): VN

4.32

3000

2500

2000

1500

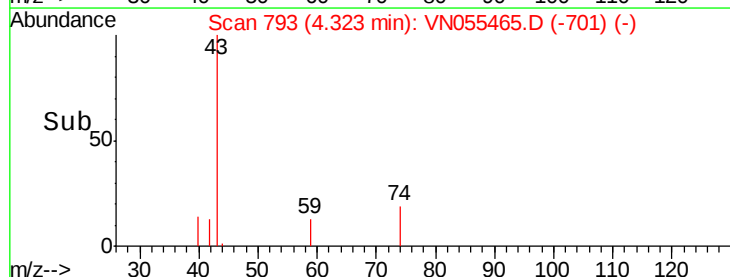
1000

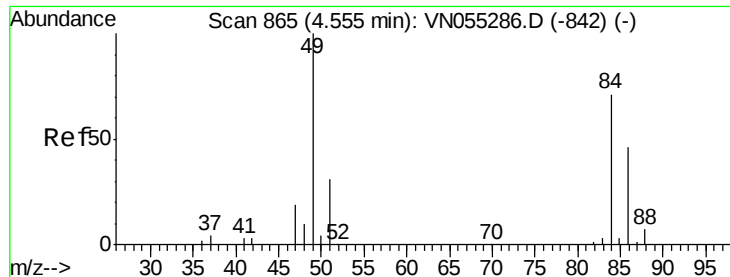
500

0

Time-->

4.28 4.30 4.32 4.34

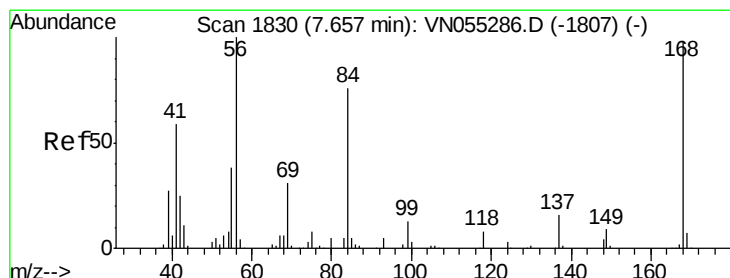
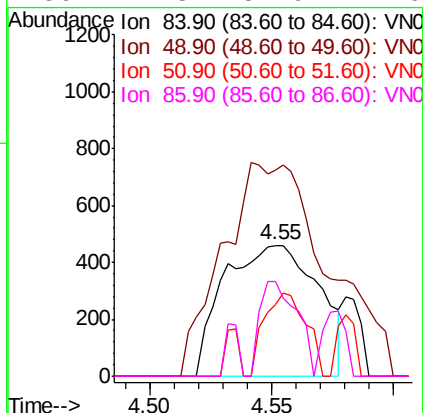
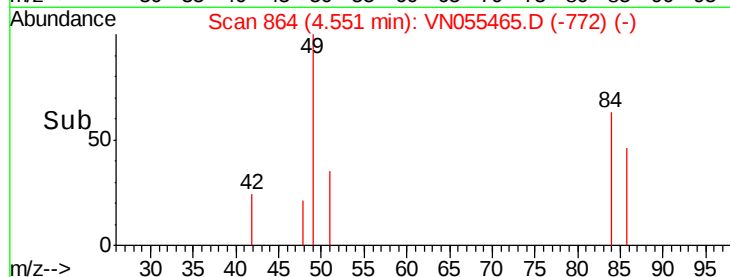
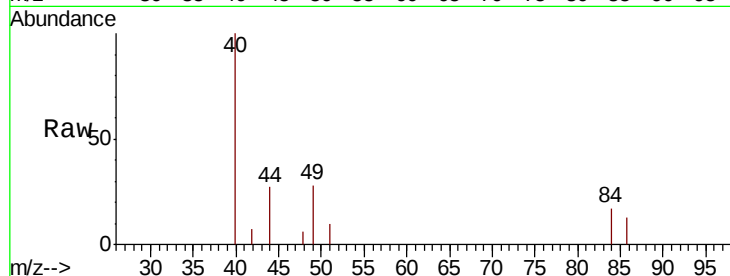




#20
Methvlene Chloride
Concen: 0.227 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN055465.D
Acq: 8 May 2019 3:40

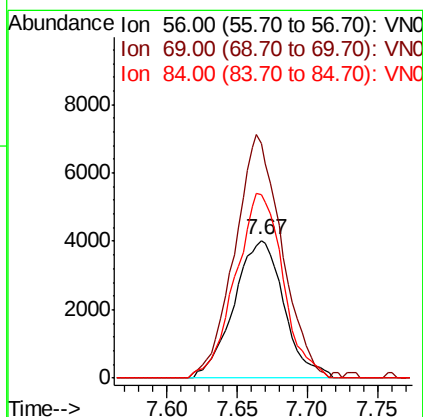
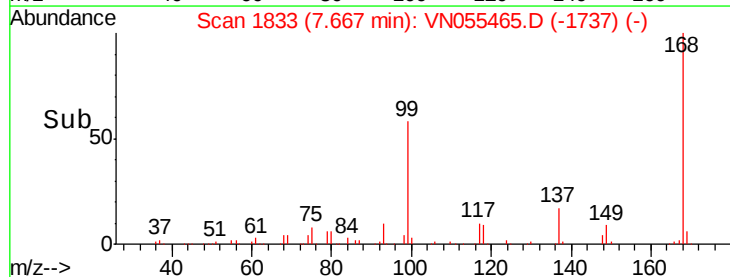
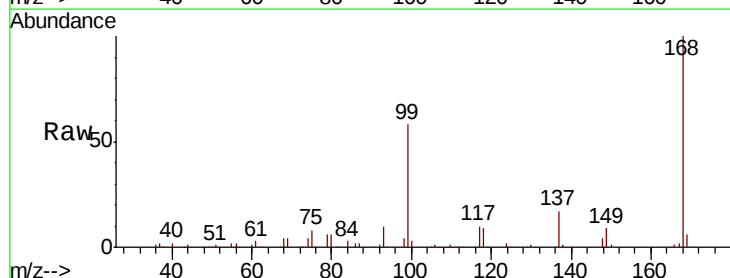
Instrument :
MSVOA_N
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P026-SS003-0206-01

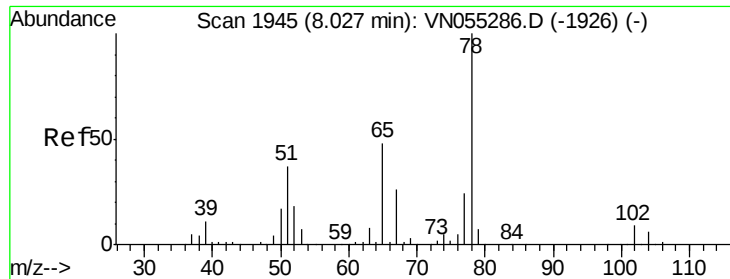
Tot Ion:	84	Resp:	1234
Ion	Ratio	Lower	Upper
84	100		
49	123.3	112.4	168.6
51	55.3	34.6	51.8#
86	72.8	51.9	77.9



#31
Cyclohexane
Concen: 1.107 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN055465.D
Acq: 8 May 2019 3:40

Tgt Ion:	56	Resp:	9963
Ion	Ratio	Lower	Upper
56	100		
69	171.0	25.2	37.8#
84	133.6	61.1	91.7#

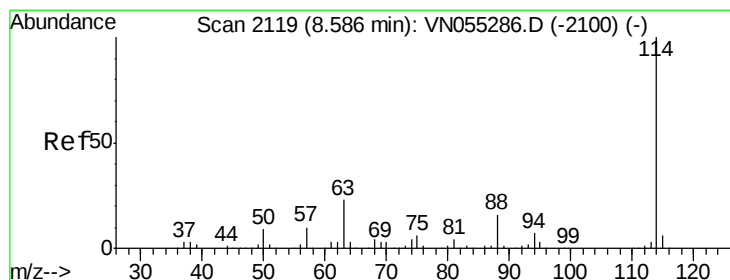
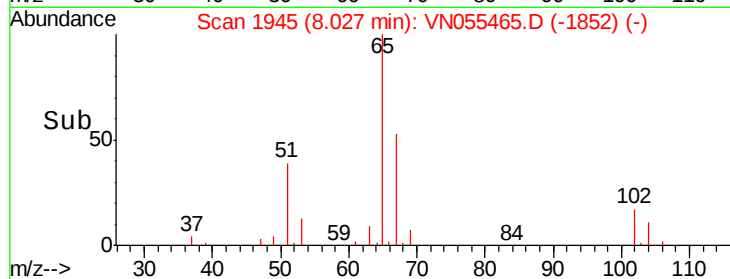
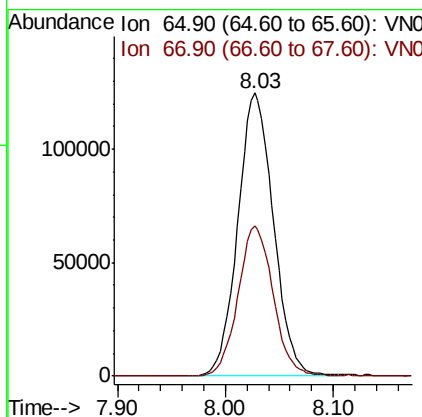
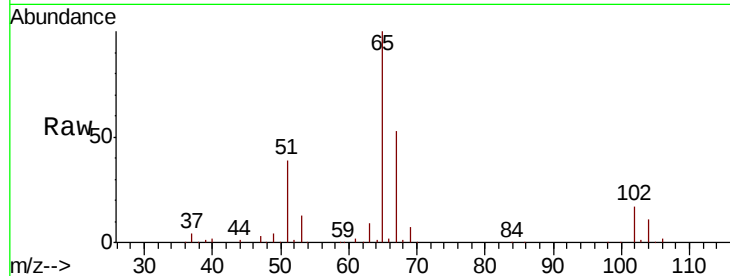




#33
 1,2-Dichloroethane-d4
 Concen: 50.178 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055465.D
 Acq: 8 May 2019 3:40

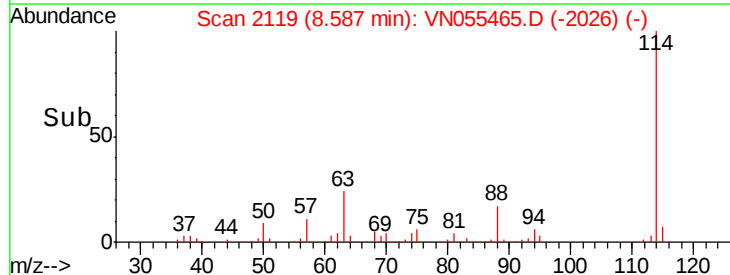
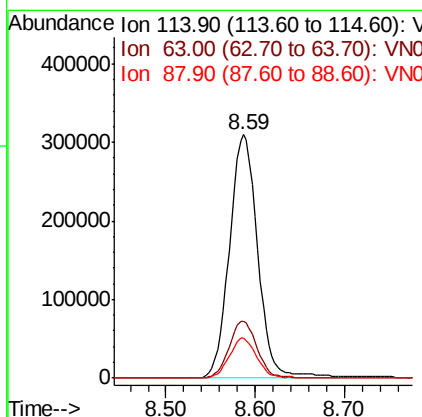
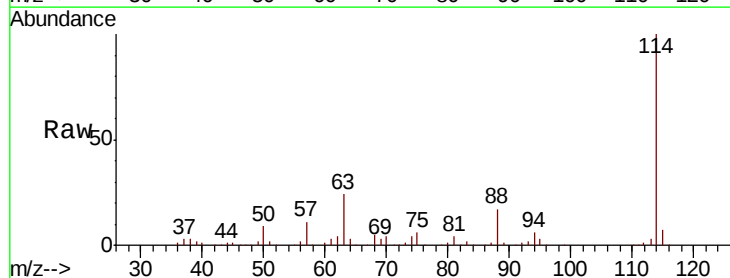
Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS003-0206-01

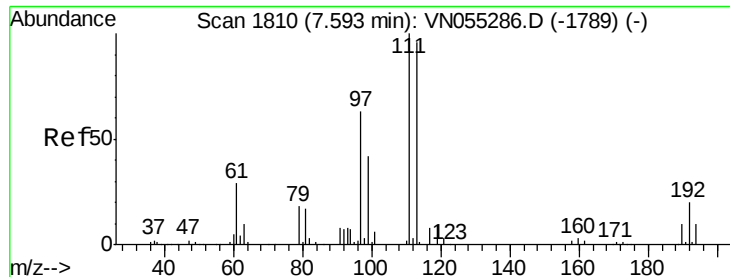
Tot Ion: 65 Resp: 287024
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055465.D
 Acq: 8 May 2019 3:40

Tgt Ion: 114 Resp: 679706
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 45.2
 88 16.5 0.0 31.6

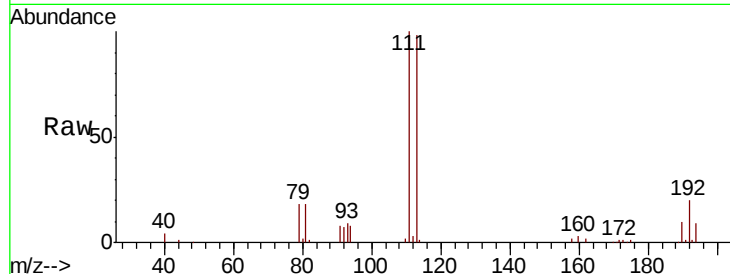




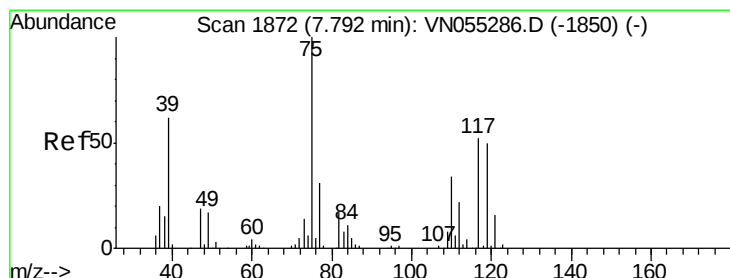
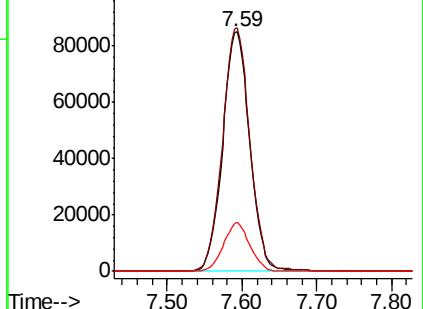
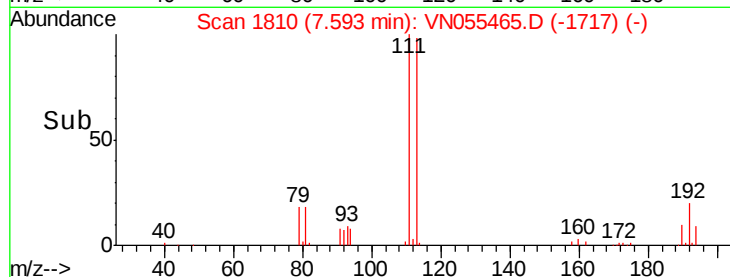
#35
 Dibromofluoromethane
 Concen: 47.783 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055465.D
 Acq: 8 May 2019 3:40

Instrument :
 MSVOA_N
 ClientSampleId :
 P026-SS003-0206-01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.3	123.5
192	19.8	17.0	25.6

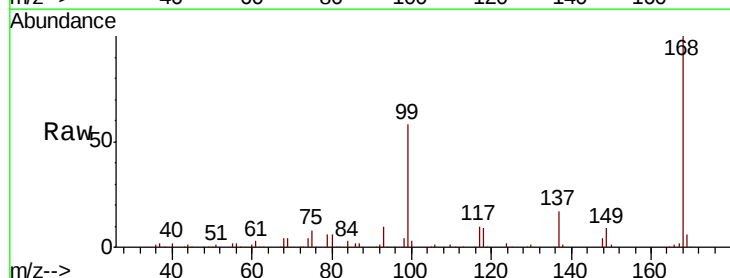


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

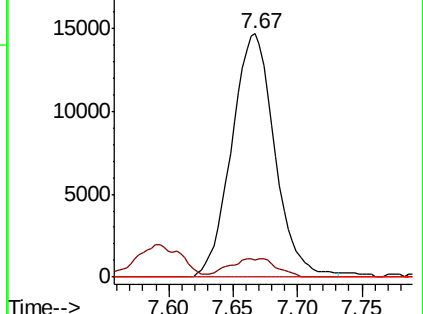
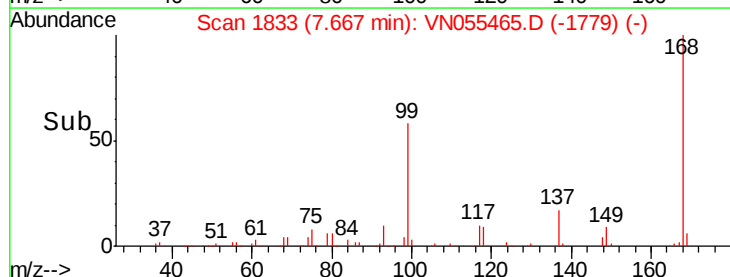


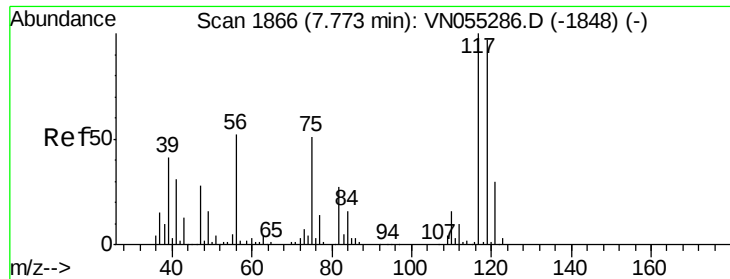
#36
 1,1-Dichloropropene
 Concen: 5.233 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN055465.D
 Acq: 8 May 2019 3:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	3.8	16.8	50.4#
77	0.0	25.0	37.6#



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





#38

Carbon Tetrachloride

Concen: 6.610 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN055465.D

Acq: 8 May 2019 3:40

Instrument :

MSVOA_N

ClientSampleId :

P026-SS003-0206-01

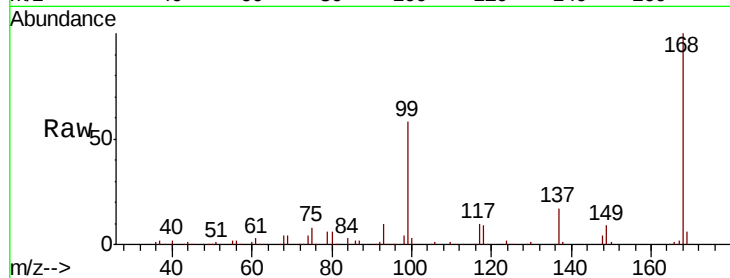
Tot Ion:117 Resp: 41510

Ion Ratio Lower Upper

117 100

119 5.0 77.0 115.6#

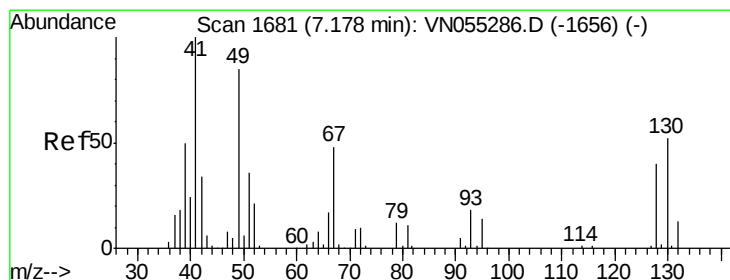
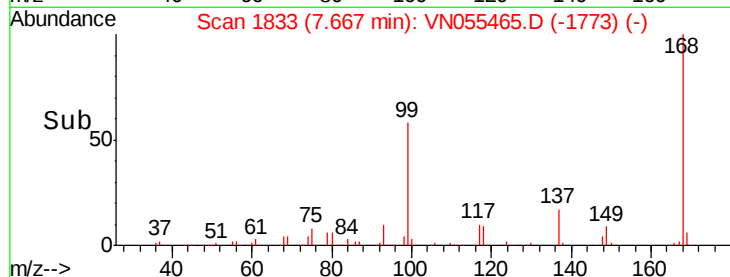
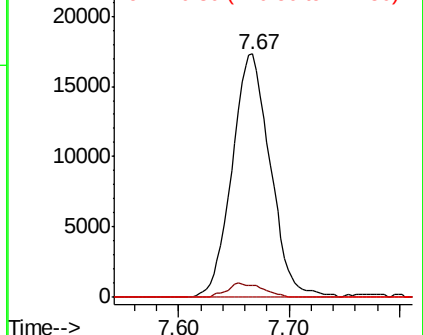
121 0.0 23.8 35.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#41

Methacrylonitrile

Concen: 0.750 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.03 min

Lab File: VN055465.D

Acq: 8 May 2019 3:40

Tgt Ion: 41 Resp: 29

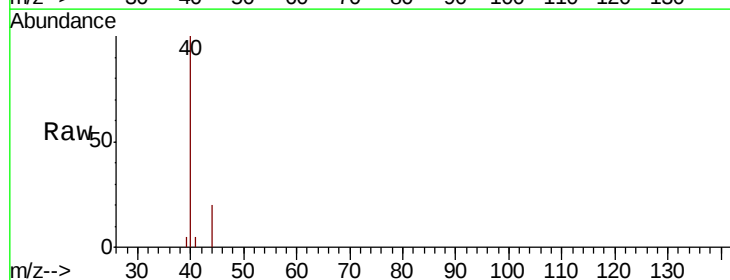
Ion Ratio Lower Upper

41 100

39 206.9 48.5 72.7#

67 0.0 54.9 82.3#

52 0.0 24.9 37.3#

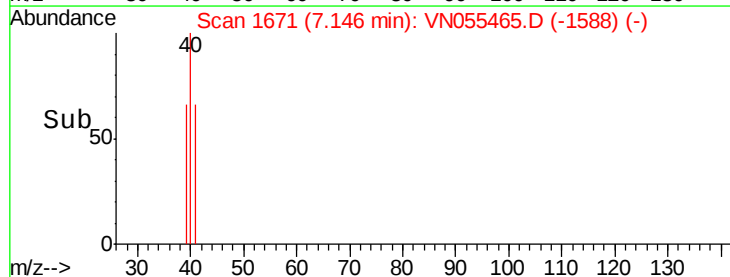
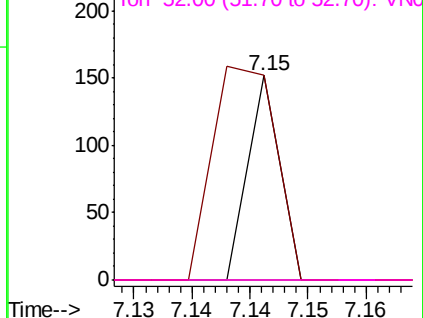


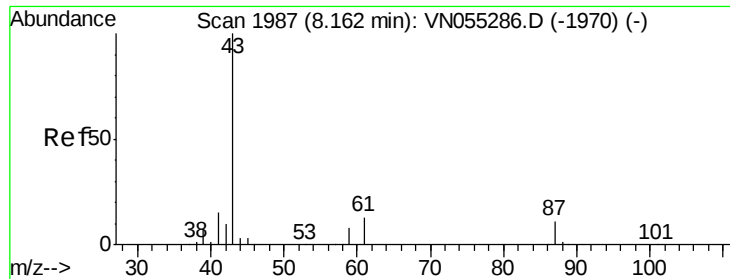
Abundance Ion 41.00 (40.70 to 41.70): V

Ion 39.00 (38.70 to 39.70): V

Ion 67.00 (66.70 to 67.70): V

Ion 52.00 (51.70 to 52.70): V





#43

Isopropyl Acetate

Concen: 0.382 ug/l

RT: 8.19 min Scan# 1995

Delta R.T. 0.03 min

Lab File: VN055465.D

Acq: 8 May 2019 3:40

Instrument :

MSVOA_N

ClientSampleId :

P026-SS003-0206-01

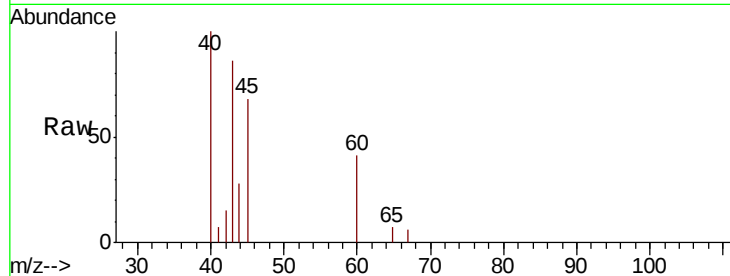
Tot Ion: 43 Resp: 3062

Ion Ratio Lower Upper

43 100

61 0.0 20.8 31.2#

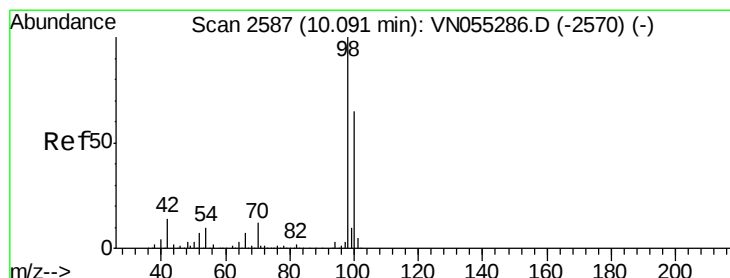
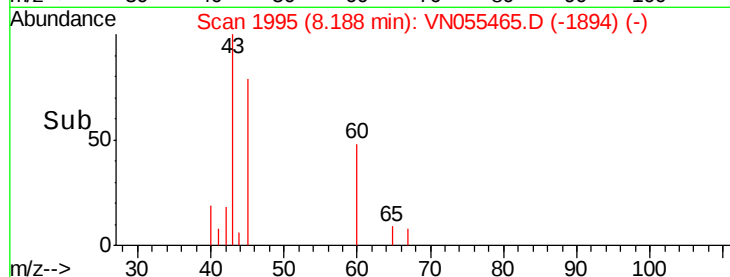
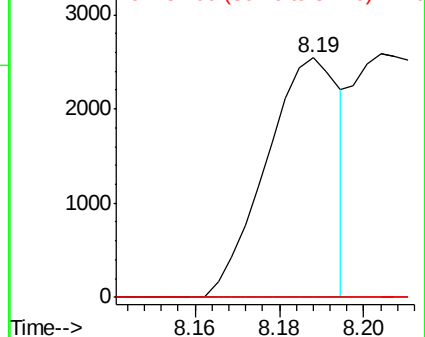
87 0.0 8.5 12.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 49.445 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055465.D

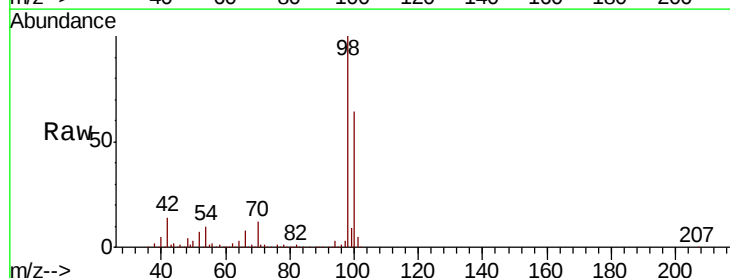
Acq: 8 May 2019 3:40

Tgt Ion: 98 Resp: 796529

Ion Ratio Lower Upper

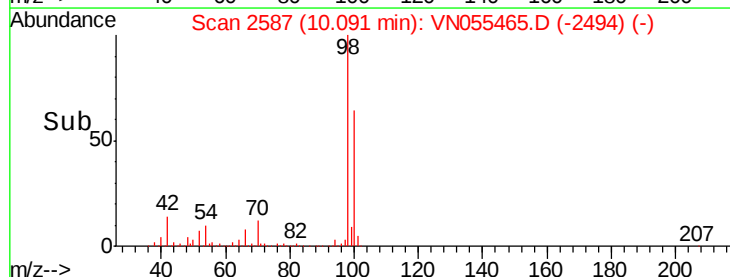
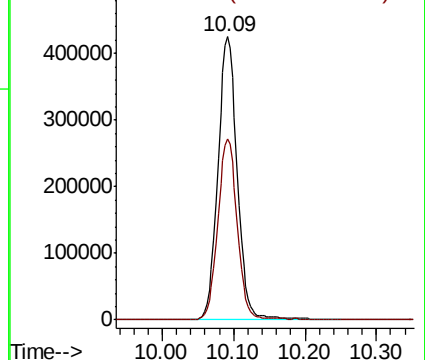
98 100

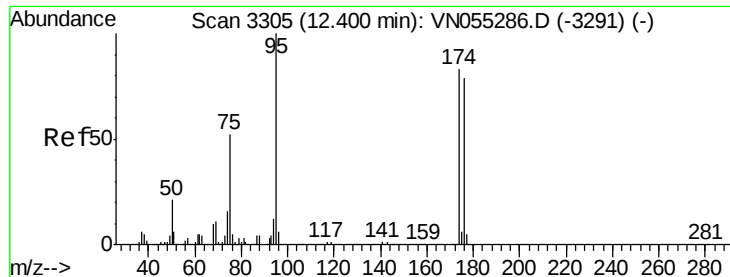
100 63.5 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

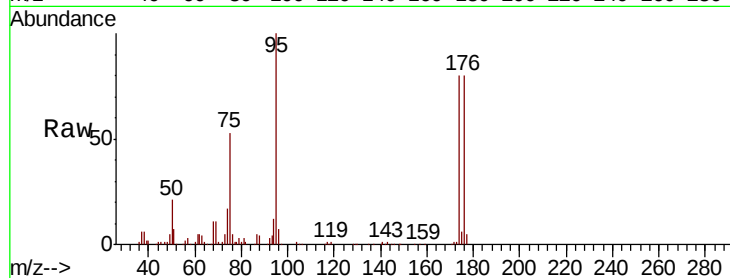




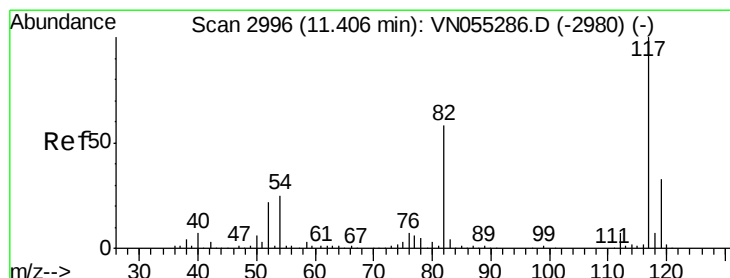
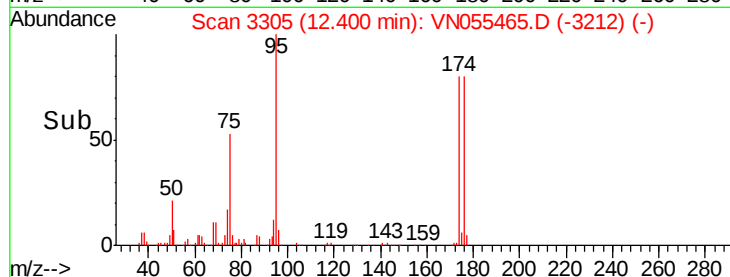
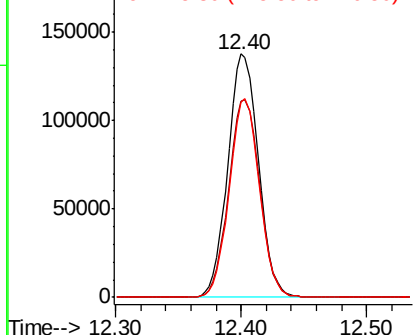
#62
4-Bromofluorobenzene
Concen: 46.343 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055465.D
Acq: 8 May 2019 3:40

Instrument :
MSVOA_N
ClientSampleId :
P026-SS003-0206-01

Tot Ion: 95 Resp: 233327
Ion Ratio Lower Upper
95 100
174 82.7 0.0 166.6
176 80.5 0.0 157.8

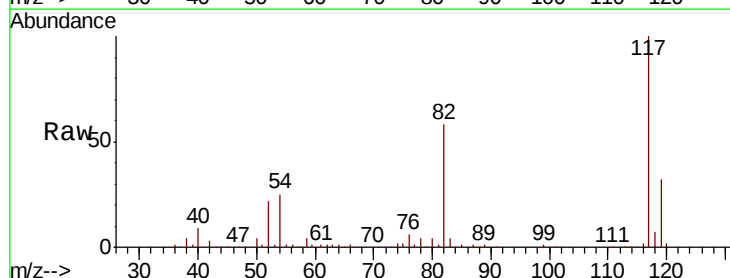


Abundance Ion 94.90 (94.60 to 95.60): VN055286.D (-3291) (-)
Ion 173.80 (173.50 to 174.50): VN055286.D (-3291) (-)
Ion 175.80 (175.50 to 176.50): VN055286.D (-3291) (-)

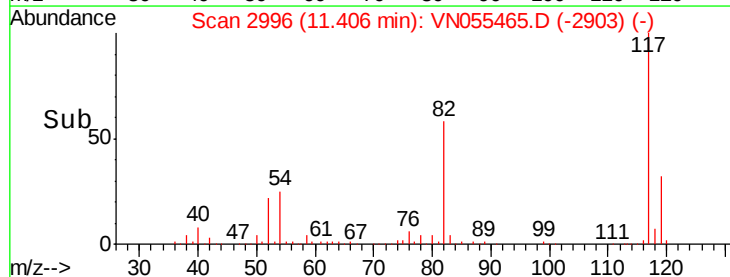
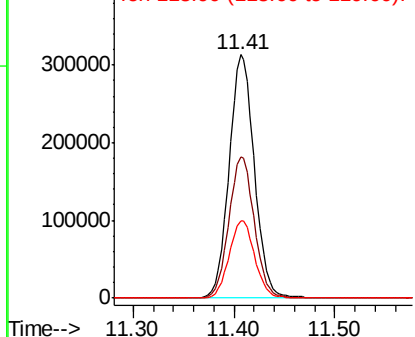


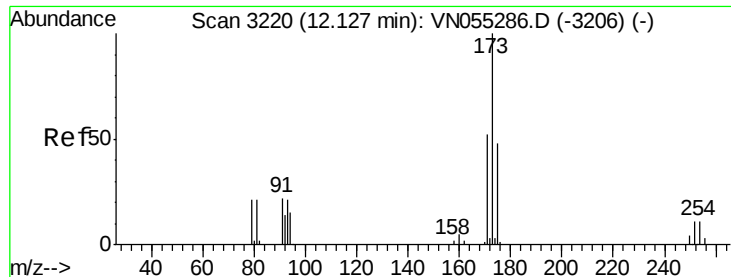
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055465.D
Acq: 8 May 2019 3:40

Tgt Ion: 117 Resp: 545844
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.4
119 31.9 26.6 40.0



Abundance Ion 116.90 (116.60 to 117.60): VN055286.D (-2980) (-)
Ion 82.00 (81.70 to 82.70): VN055286.D (-2980) (-)
Ion 118.90 (118.60 to 119.60): VN055286.D (-2980) (-)





#71

Bromoform

Concen: 0.533 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN055465.D

Acq: 8 May 2019 3:40

Instrument :

MSVOA_N

ClientSampleId :

P026-SS003-0206-01

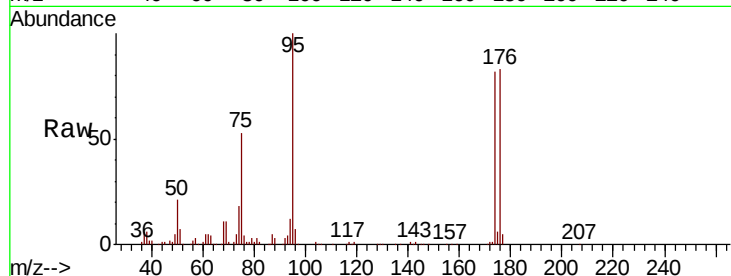
Tot Ion:173 Resp: 1237

Ion Ratio Lower Upper

173 100

175 1034.0 23.6 71.0#

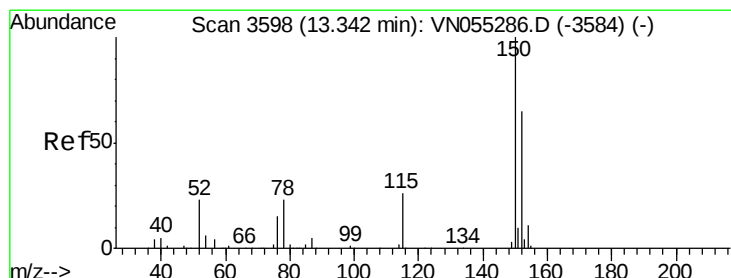
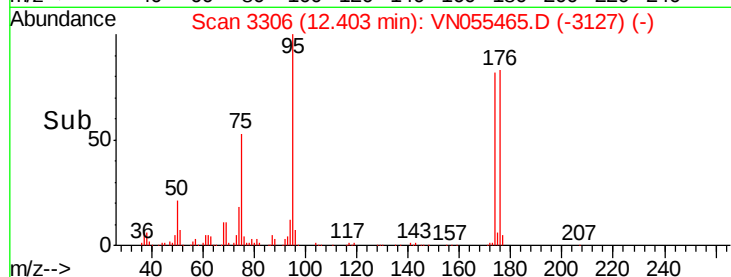
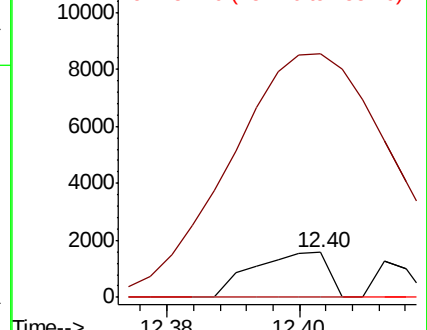
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055465.D

Acq: 8 May 2019 3:40

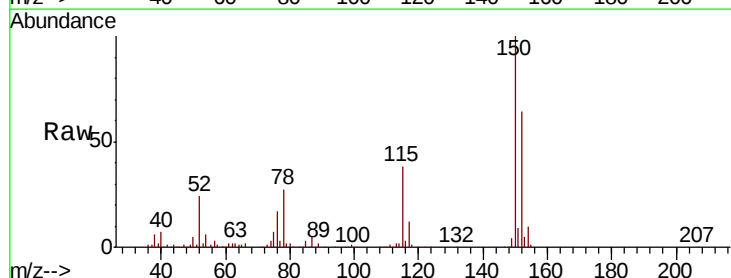
Tgt Ion:152 Resp: 176468

Ion Ratio Lower Upper

152 100

115 57.6 29.0 87.0

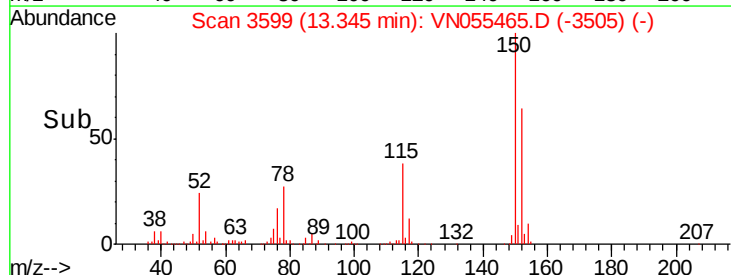
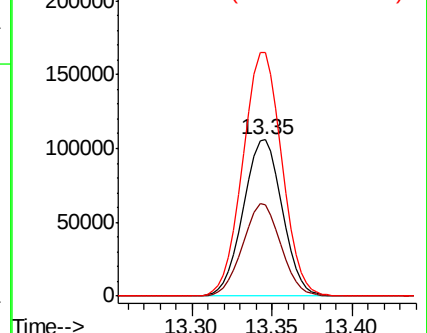
150 155.5 0.0 345.6

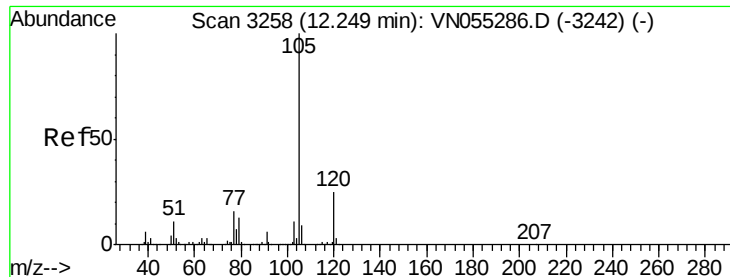


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.39 min Scan# 3303

Delta R.T. 0.15 min

Lab File: VN055465.D

Acq: 8 May 2019 3:40

Instrument :

MSVOA_N

ClientSampleId :

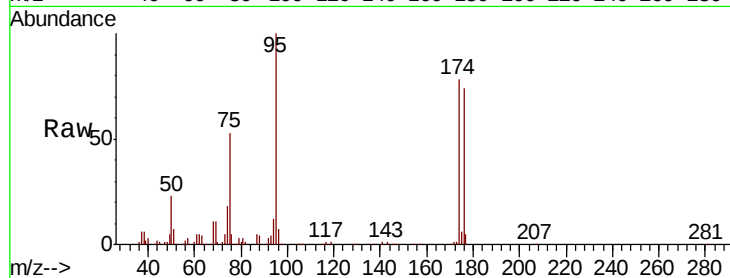
P026-SS003-0206-01

Tot Ion: 105 Resp: 248

Ion Ratio Lower Upper

105 100

120 0.0 12.9 38.7#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.39

250

200

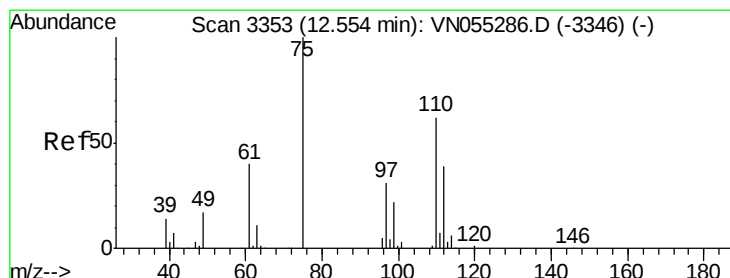
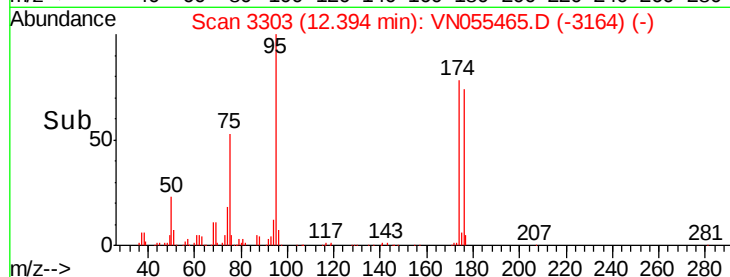
150

100

50

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 36.804 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055465.D

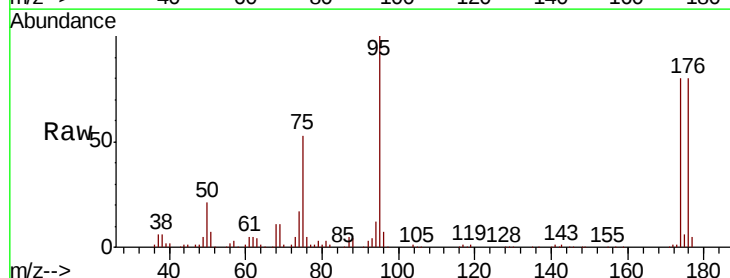
Acq: 8 May 2019 3:40

Tgt Ion: 75 Resp: 122901

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

12.40

80000

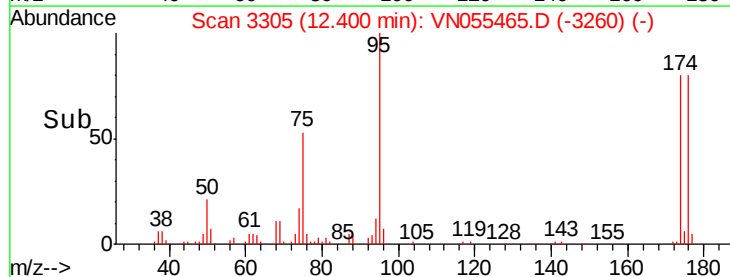
60000

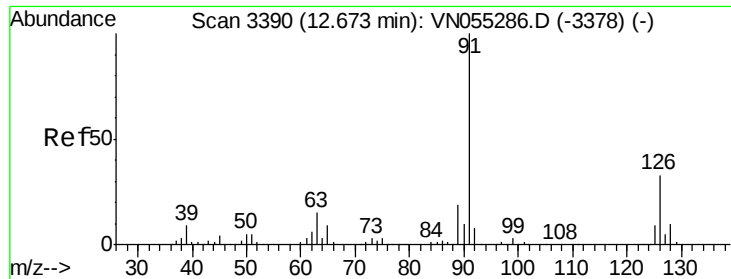
40000

20000

0

Time-->





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.77 min Scan# 3421

Delta R.T. 0.10 min

Lab File: VN055465.D

Acq: 8 May 2019 3:40

Instrument :

MSVOA_N

ClientSampleId :

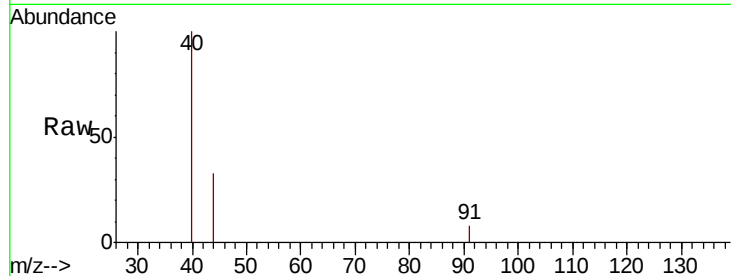
P026-SS003-0206-01

Tot Ion: 91 Resp: 253

Ion Ratio Lower Upper

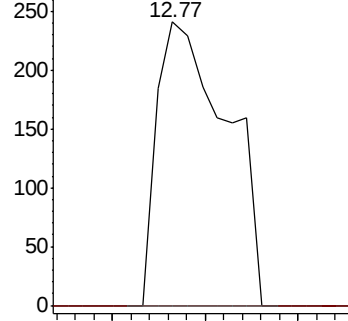
91 100

126 0.0 16.6 49.7#

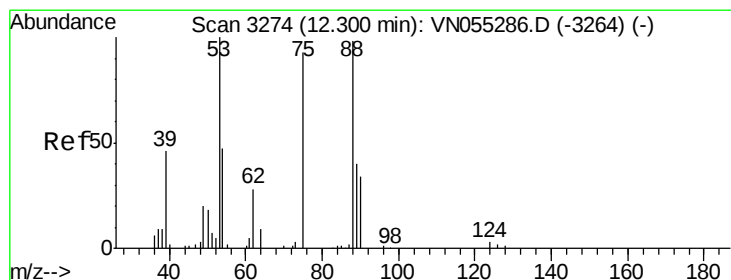
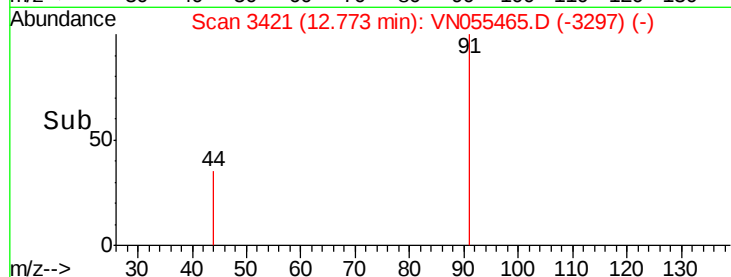


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 131.982 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055465.D

Acq: 8 May 2019 3:40

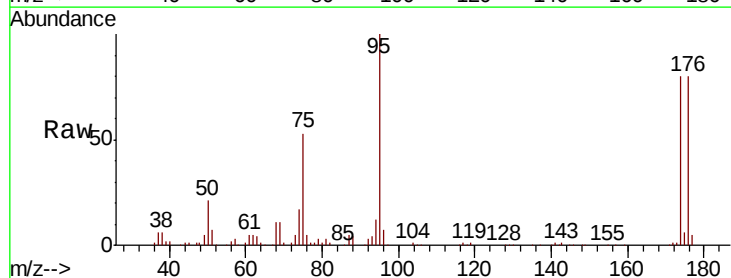
Tgt Ion: 75 Resp: 122901

Ion Ratio Lower Upper

75 100

53 0.1 86.3 129.5#

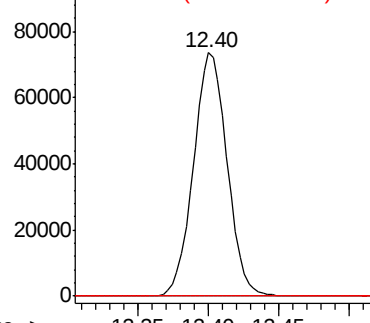
89 0.0 34.6 51.8#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



Time-->

