

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032219\
 Data File : VN054585.D
 Acq On : 23 Mar 2019 4:38
 Operator : JC/SP
 Sample : K2045-11
 Misc : 5.81g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB434-190320-(23-25)

Quant Time: Mar 23 05:30:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	564260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	884881	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	737711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	297537	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	358299	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
35) Dibromofluoromethane	7.59	113	262659	46.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.14%	
50) Toluene-d8	10.09	98	1062558	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	12.40	95	338258	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.76%	

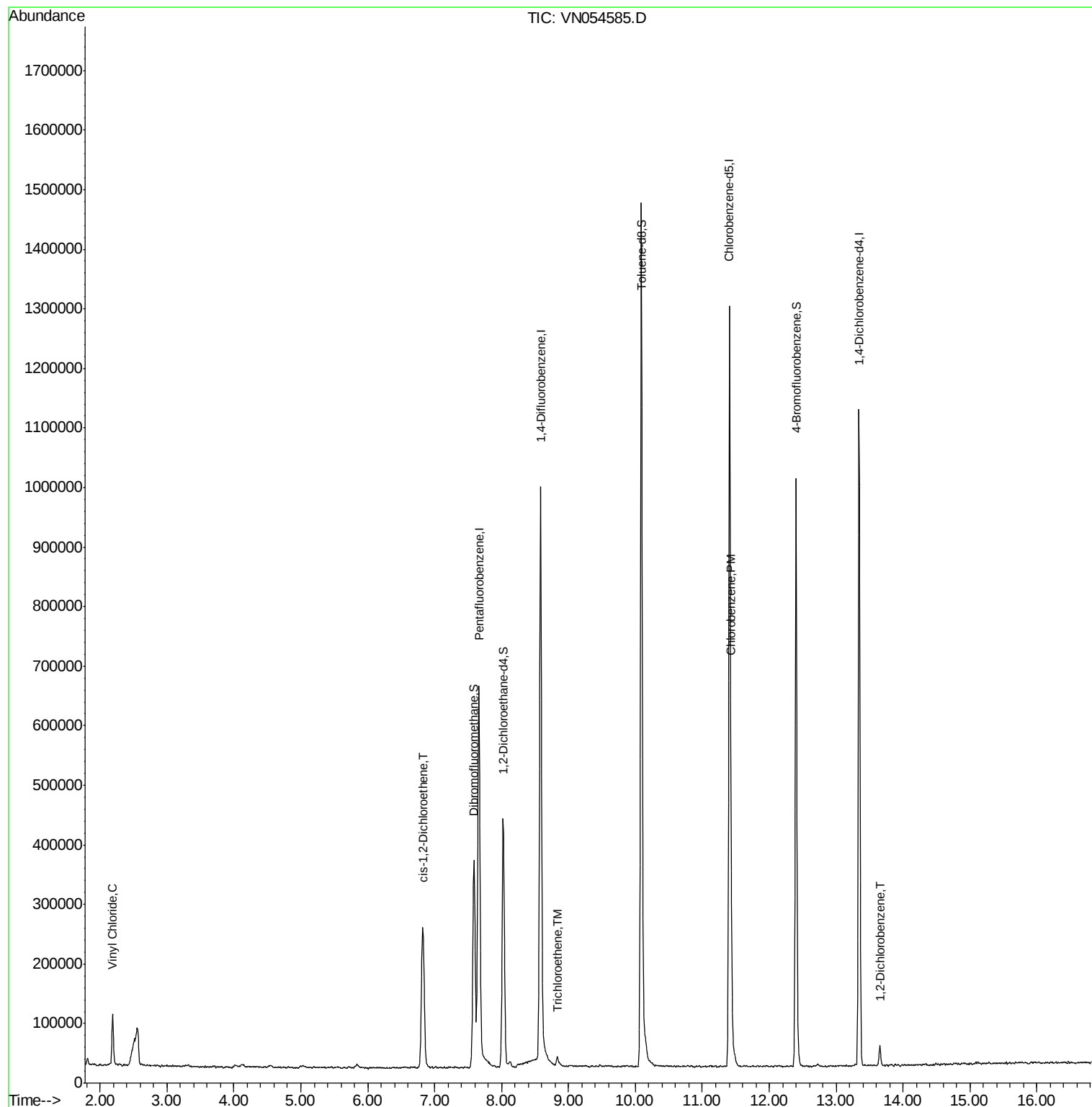
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	2.19	62	79545	10.795	ug/l	97
27) cis-1,2-Dichloroethene	6.82	96	152449	22.998	ug/l	97
44) Trichloroethene	8.83	130	4987	0.758	ug/l	97
65) Chlorobenzene	11.43	112	97358	6.489	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	15053	1.577	ug/l	97

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054585.D

Acq: 23 Mar 2019 4:38

Instrument :

MSVOA_N

ClientSampleId :

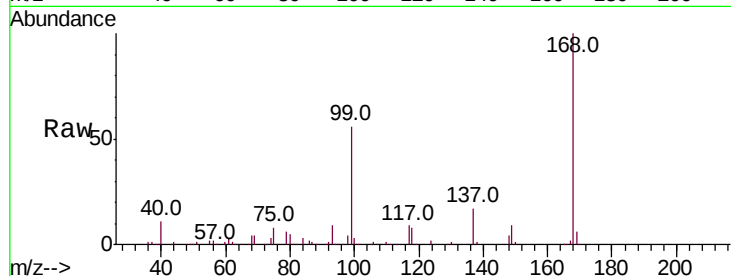
WP022SB434-190320-(23-25)

Tot Ion:168 Resp: 564260

Ion Ratio Lower Upper

168 100

99 55.7 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

250000

200000

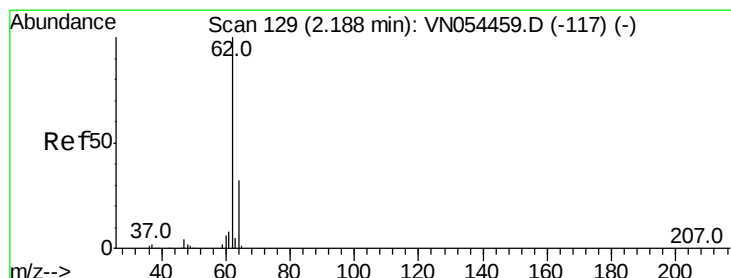
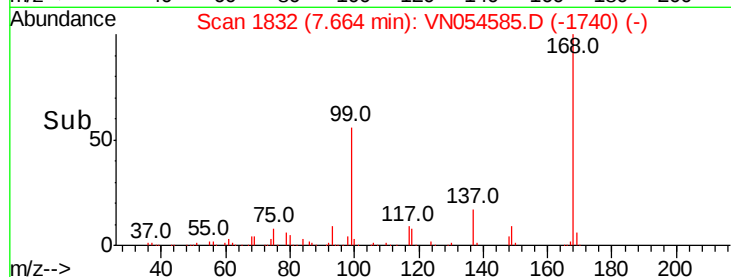
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 10.795 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN054585.D

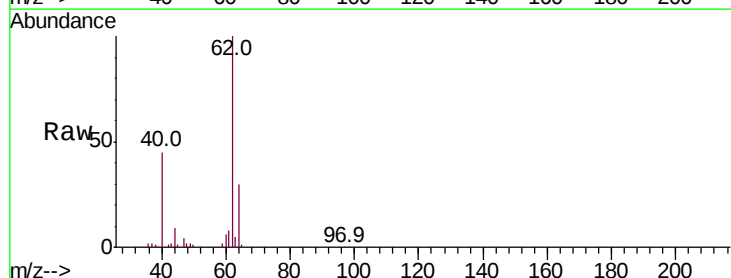
Acq: 23 Mar 2019 4:38

Tgt Ion: 62 Resp: 79545

Ion Ratio Lower Upper

62 100

64 30.1 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

60000

50000

40000

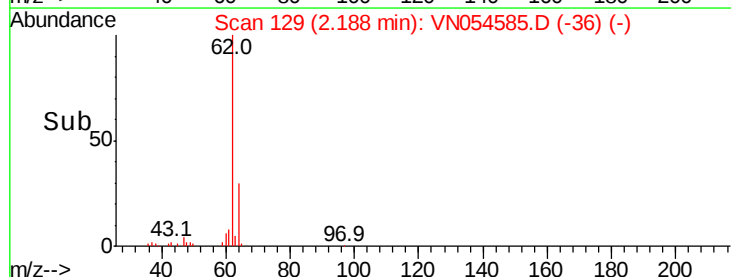
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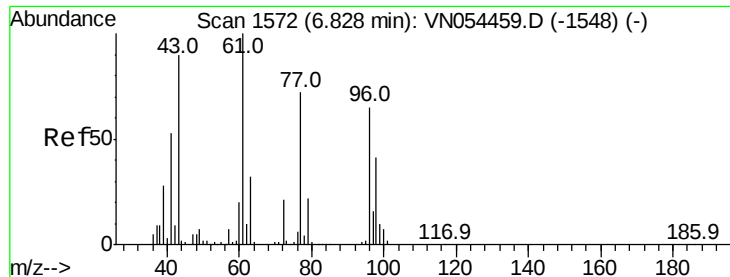
20000

10000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 22.998 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.01 min

Lab File: VN054585.D

Acq: 23 Mar 2019 4:38

Instrument :

MSVOA_N

ClientSampleId :

WP022SB434-190320-(23-25)

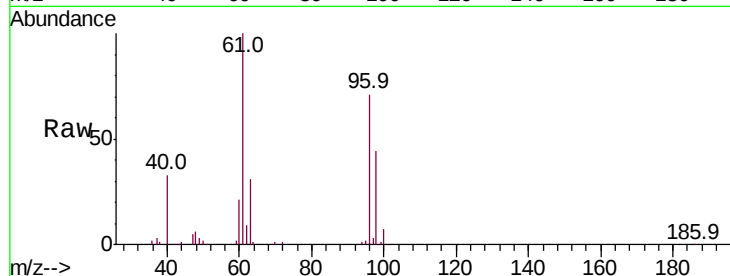
Tot Ion: 96 Resp: 152449

Ion Ratio Lower Upper

96 100

61 141.8 0.0 273.0

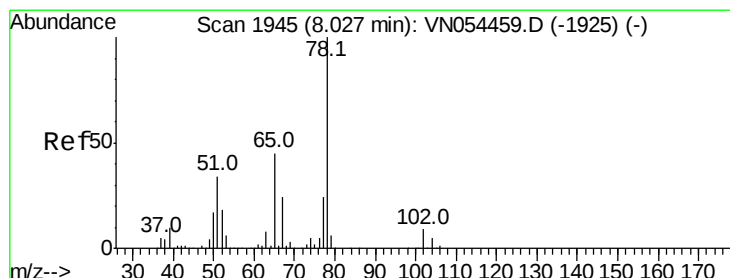
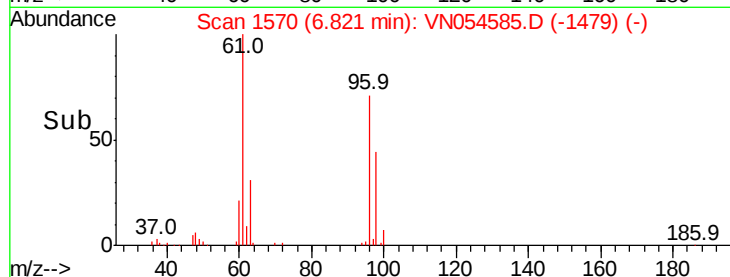
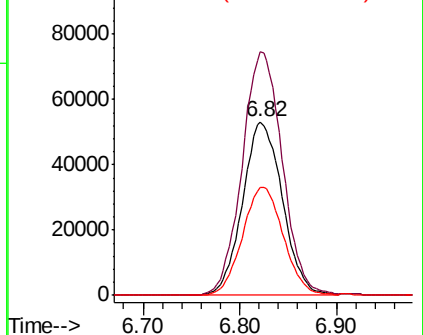
98 64.2 0.0 130.6



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



#33

1,2-Dichloroethane-d4

Concen: 51.051 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN054585.D

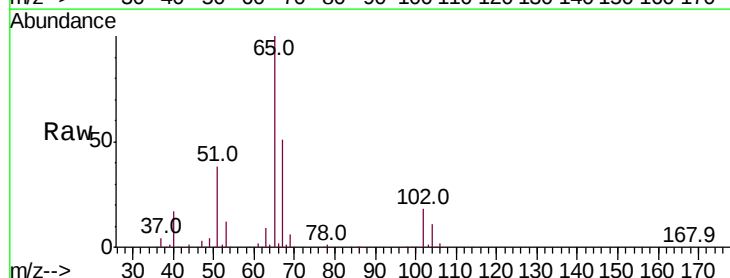
Acq: 23 Mar 2019 4:38

Tgt Ion: 65 Resp: 358299

Ion Ratio Lower Upper

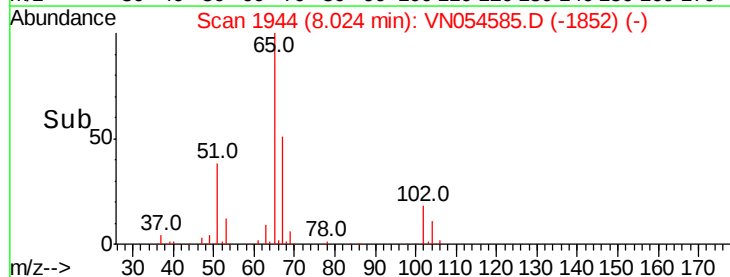
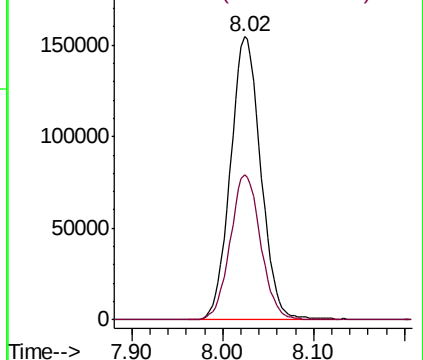
65 100

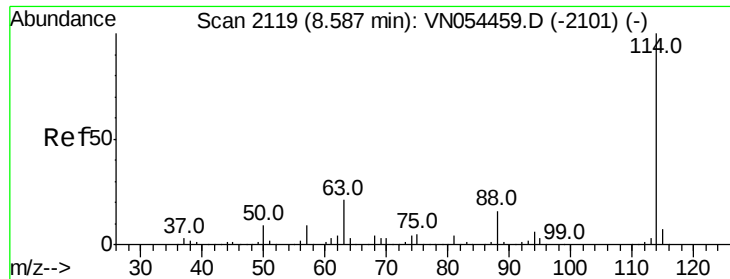
67 51.3 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

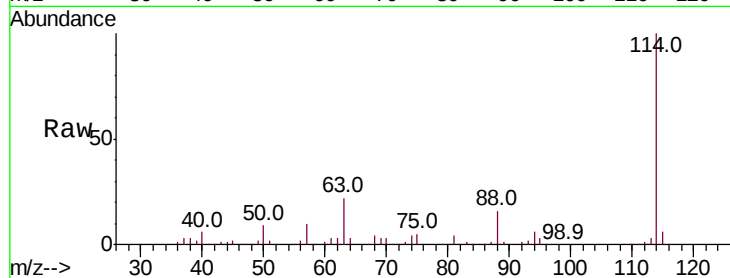




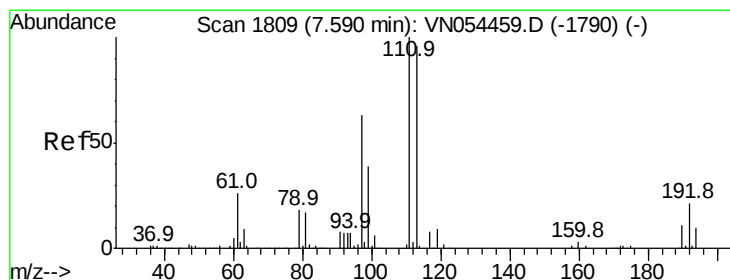
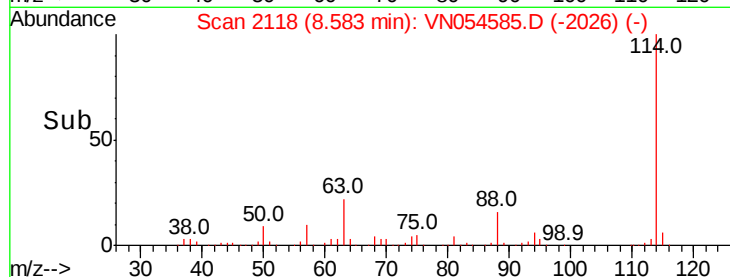
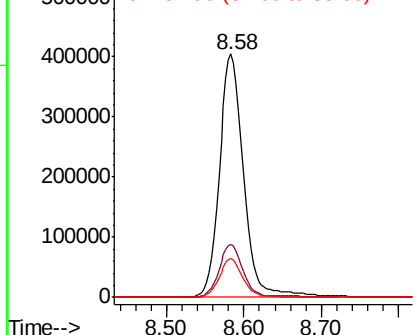
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054585.D
 Acq: 23 Mar 2019 4:38

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB434-190320-(23-25)

Tot Ion:	114	Resp:	884881
Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	35.2
88	15.9	0.0	30.2

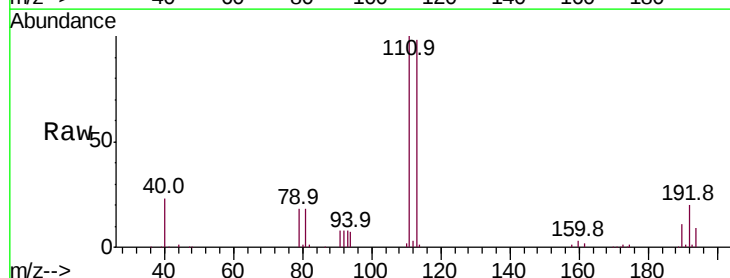


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

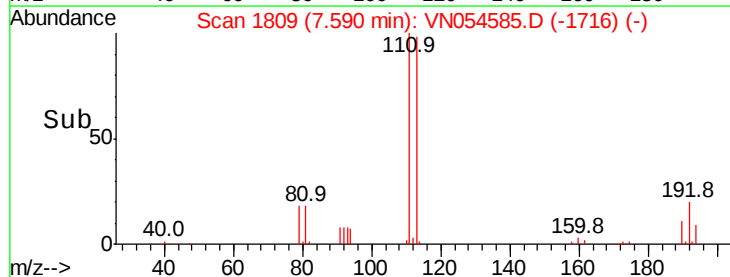
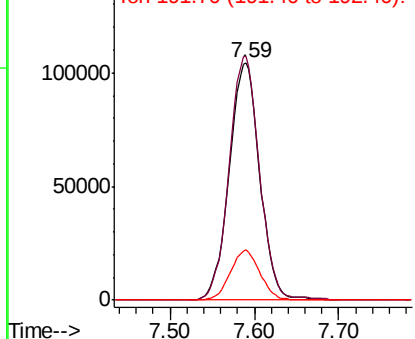


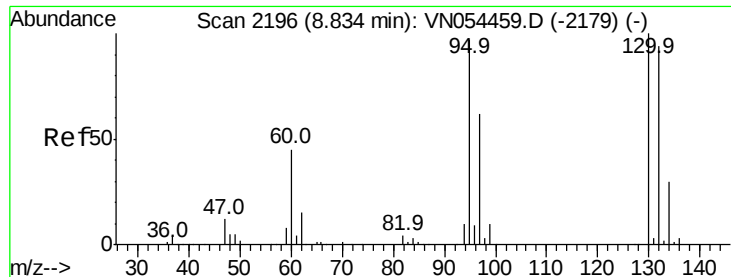
#35
 Dibromofluoromethane
 Concen: 46.074 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054585.D
 Acq: 23 Mar 2019 4:38

Tgt Ion:	113	Resp:	262659
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.2	123.4
192	20.5	19.2	28.8



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

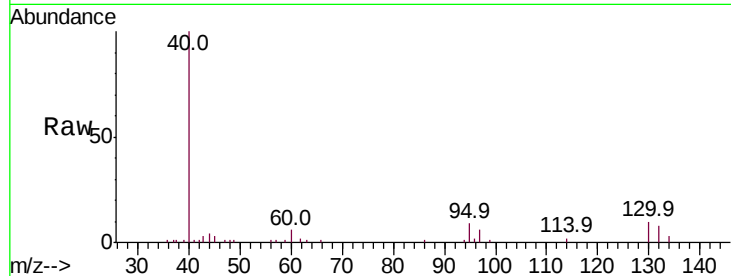




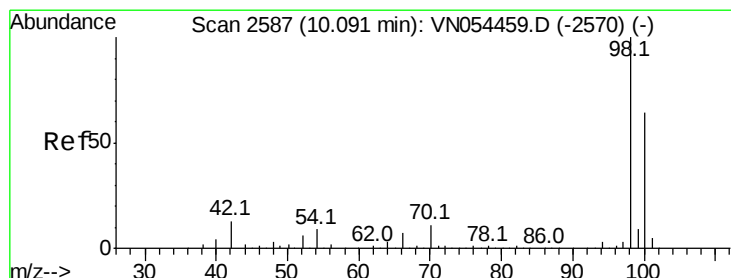
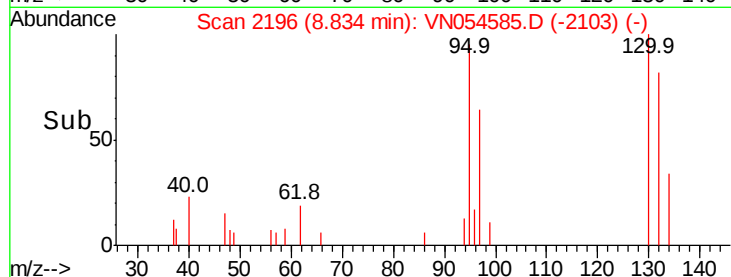
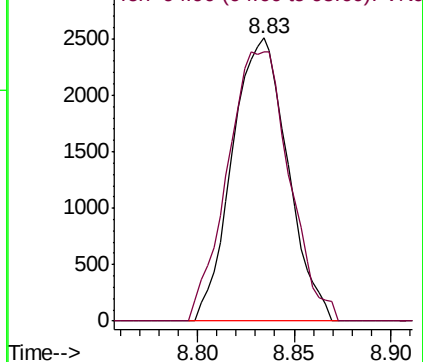
#44
 Trichloroethene
 Concen: 0.758 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN054585.D
 Acq: 23 Mar 2019 4:38

Instrument :
 MSVOA_N
 ClientSampleId :
 WP022SB434-190320-(23-25)

Tot Ion:130 Resp: 4987
 Ion Ratio Lower Upper
 130 100
 95 95.1 0.0 185.2

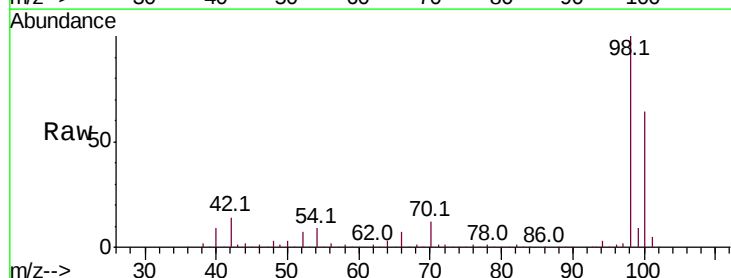


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN

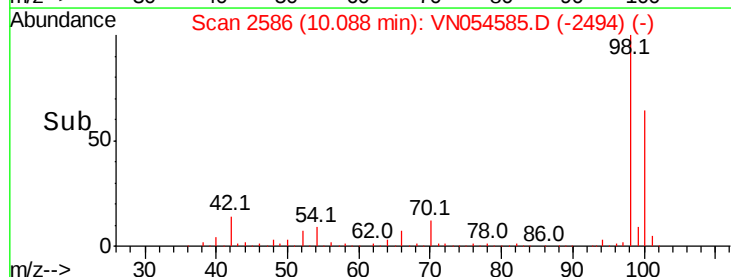
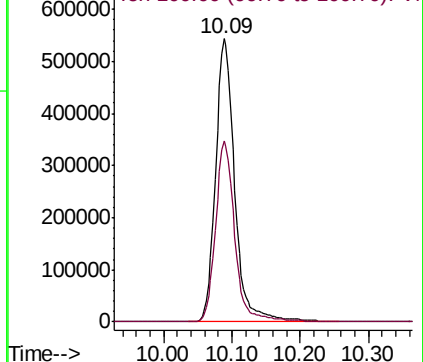


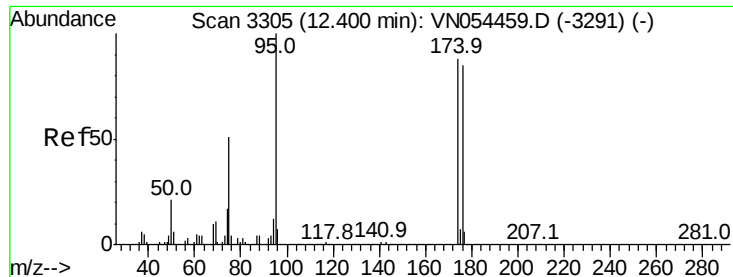
#50
 Toluene-d8
 Concen: 49.579 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. -0.00 min
 Lab File: VN054585.D
 Acq: 23 Mar 2019 4:38

Tgt Ion: 98 Resp: 1062558
 Ion Ratio Lower Upper
 98 100
 100 64.3 51.2 76.8



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





#62

4-Bromofluorobenzene

Concen: 46.382 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054585.D

Acq: 23 Mar 2019 4:38

Instrument :

MSVOA_N

ClientSampleId :

WP022SB434-190320-(23-25)

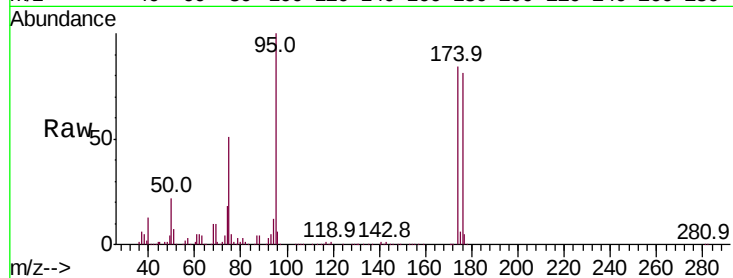
Tot Ion: 95 Resp: 338258

Ion Ratio Lower Upper

95 100

174 83.5 0.0 191.0

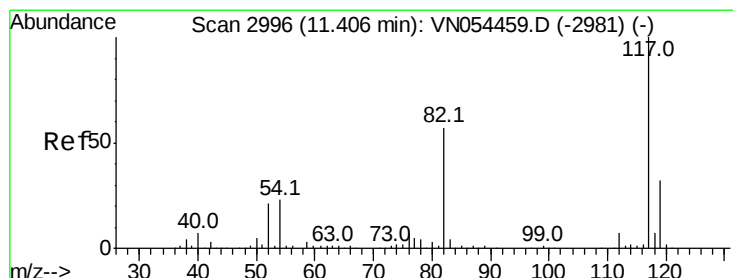
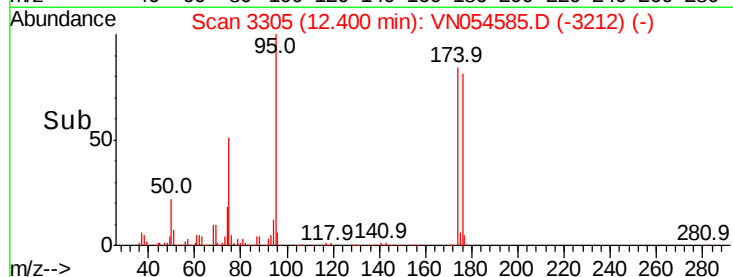
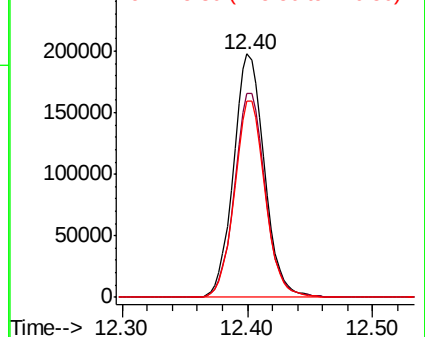
176 80.2 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054585.D

Acq: 23 Mar 2019 4:38

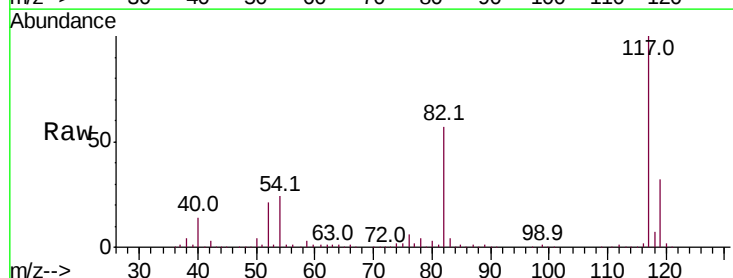
Tgt Ion: 117 Resp: 737711

Ion Ratio Lower Upper

117 100

82 56.6 40.0 60.0

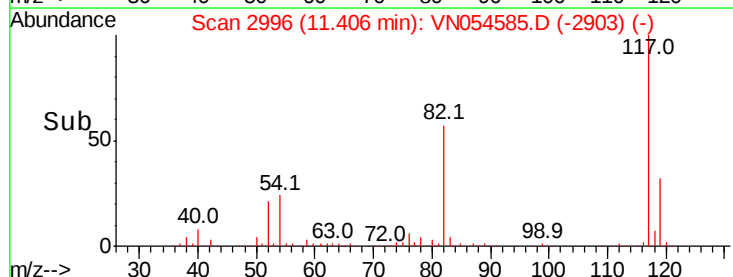
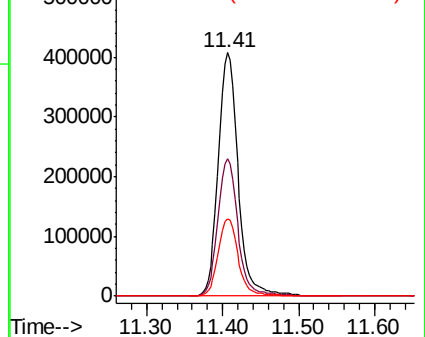
119 31.8 25.8 38.6

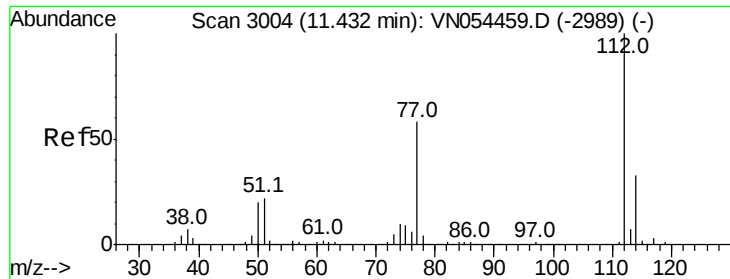


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

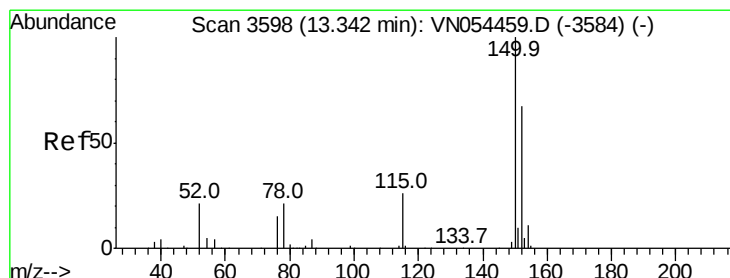
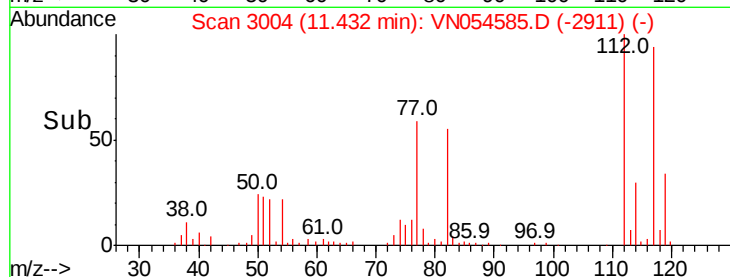
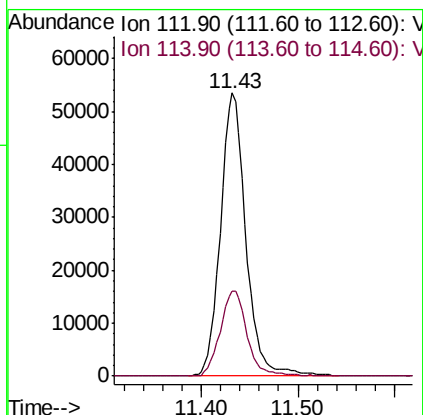
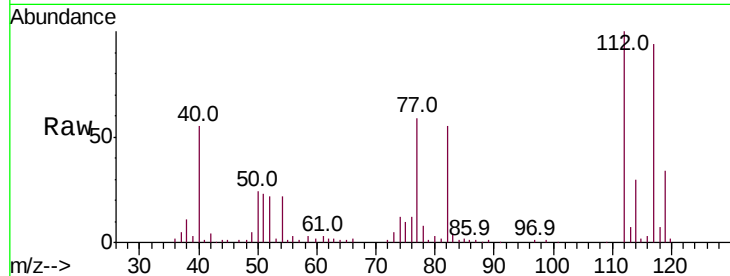




#65
Chlorobenzene
Concen: 6.489 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN054585.D
Acq: 23 Mar 2019 4:38

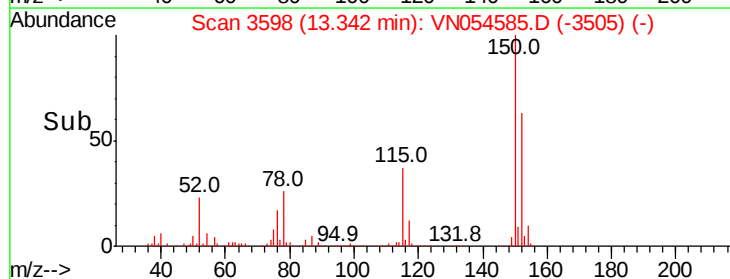
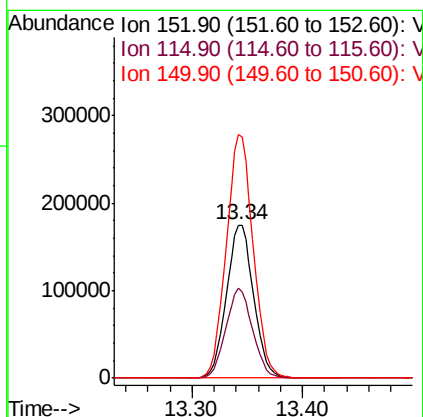
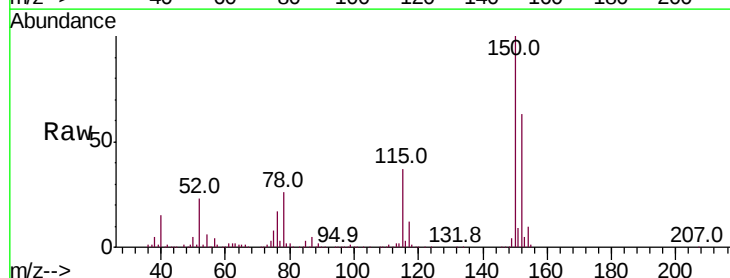
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MSVOA_N
ClientSampleId :
WP022SB434-190320-(23-25)

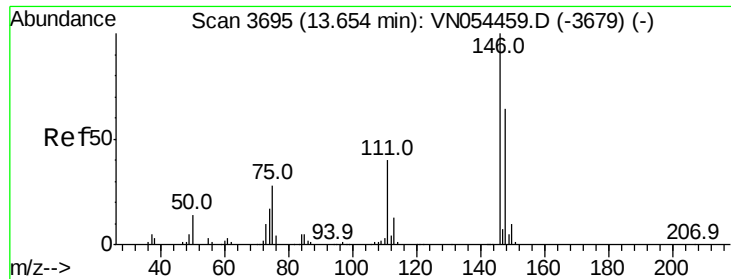
Tot Ion:112 Resp: 97358
Ion Ratio Lower Upper
112 100
114 30.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054585.D
Acq: 23 Mar 2019 4:38

Tgt Ion:152 Resp: 297537
Ion Ratio Lower Upper
152 100
115 58.0 27.2 81.6
150 157.7 0.0 349.2





#91
 1,2-Dichlorobenzene
 Concen: 1.577 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN054585.D
 Acq: 23 Mar 2019 4:38

Instrument :
 MSVOA_N
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.3
148	61.5	32.4	97.0

