

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052220\
 Data File : VX016413.D
 Acq On : 22 May 2020 15:36
 Operator : JC/SP
 Sample : L2743-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW019-200521

Quant Time: May 23 03:22:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

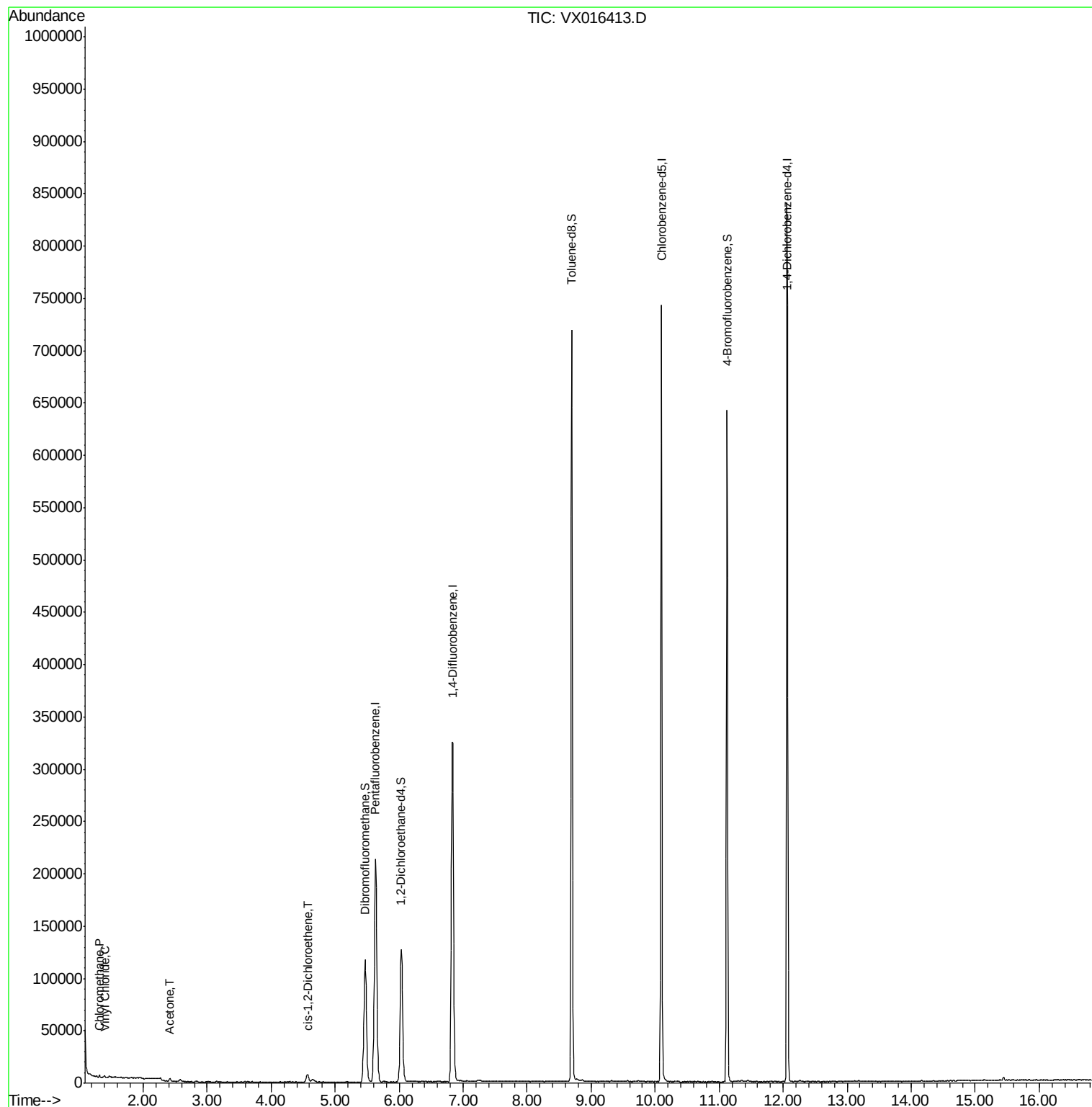
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	209650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	346061	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	345238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	178537	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	120803	43.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.58%	
35) Dibromofluoromethane	5.47	113	102170	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.20%	
50) Toluene-d8	8.70	98	426725	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
62) 4-Bromofluorobenzene	11.12	95	173249	53.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.84%	
Target Compounds						
3) Chloromethane	1.32	50	1655	0.642	ug/l	95
4) Vinyl Chloride	1.40	62	862	0.314	ug/l	94
16) Acetone	2.42	43	2845	2.311	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	5015	1.889	ug/l	79

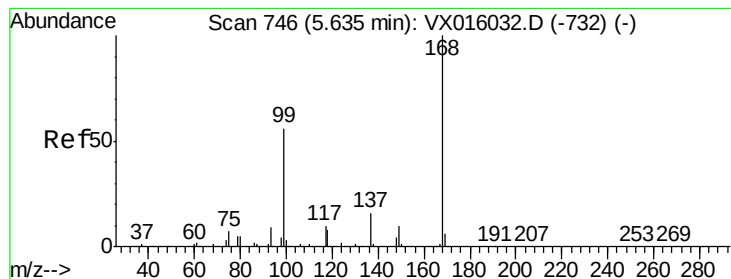
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016413.D

Acq: 22 May 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

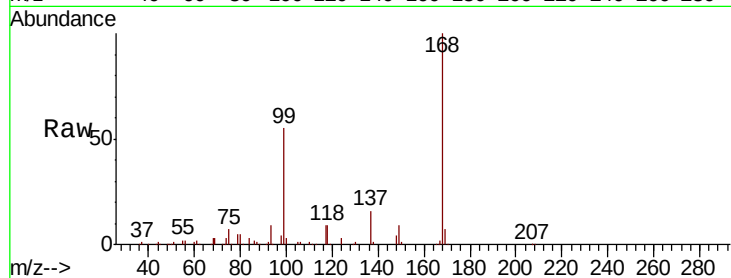
SS042MW019-200521

Tot Ion:168 Resp: 209650

Ion Ratio Lower Upper

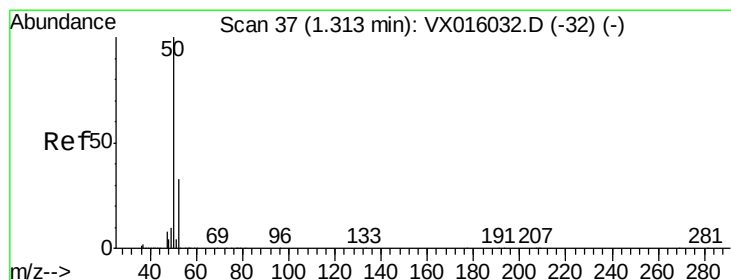
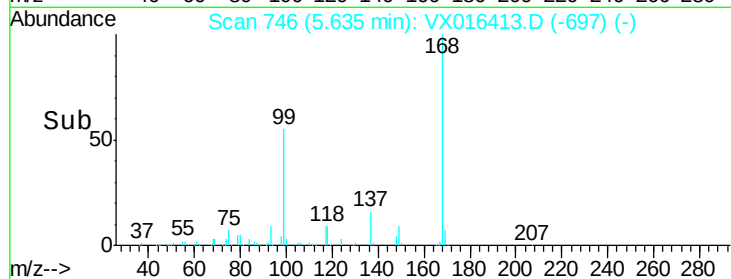
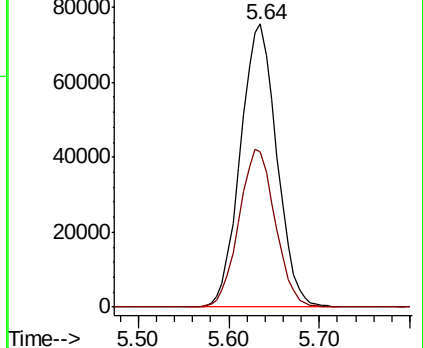
168 100

99 54.9 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.642 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016413.D

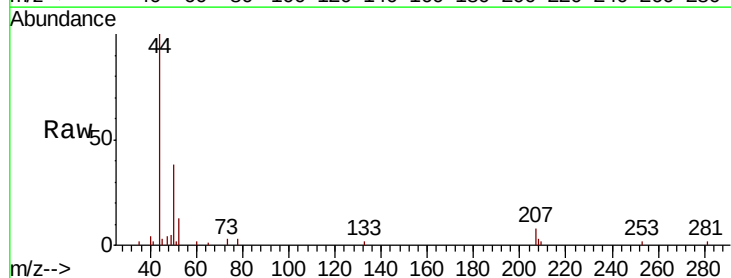
Acq: 22 May 2020 15:36

Tgt Ion: 50 Resp: 1655

Ion Ratio Lower Upper

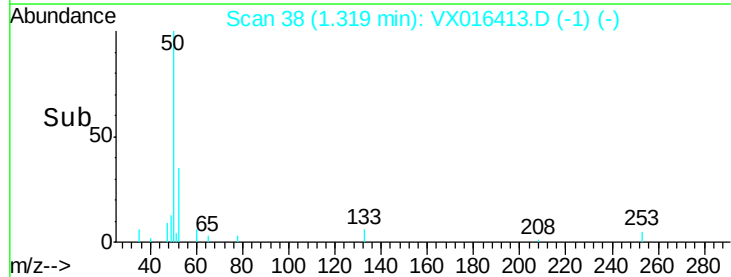
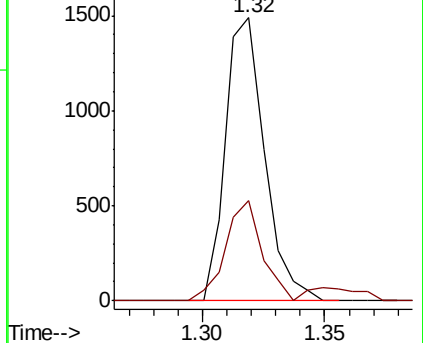
50 100

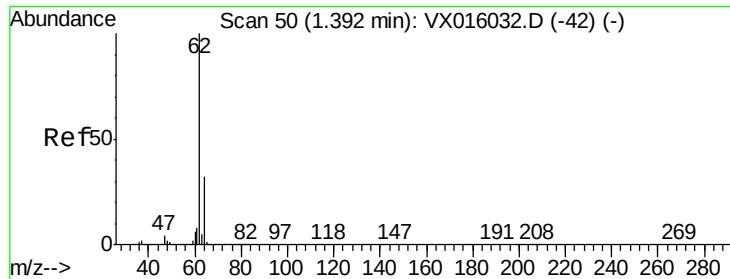
52 35.3 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 0.314 ug/l

RT: 1.40 min Scan# 51

Delta R.T. 0.01 min

Lab File: VX016413.D

Acq: 22 May 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

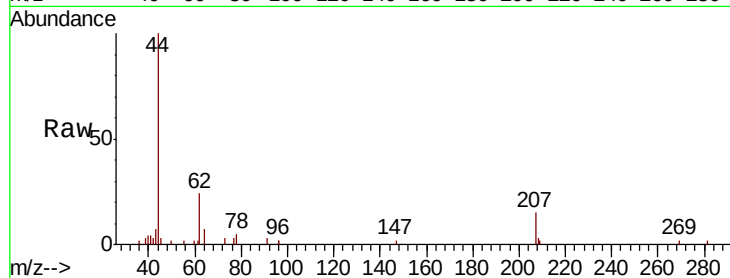
SS042MW019-200521

Tot Ion: 62 Resp: 862

Ion Ratio Lower Upper

62 100

64 28.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

800

600

400

200

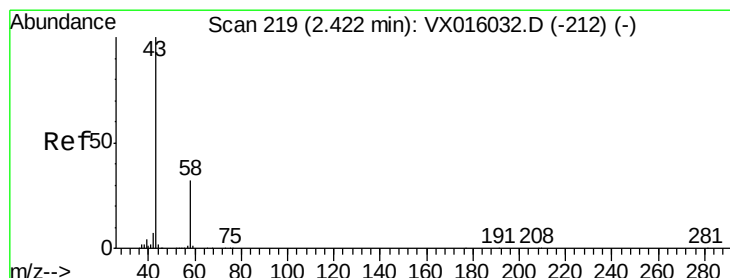
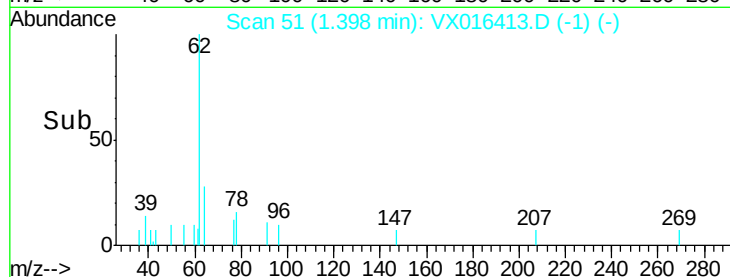
0

1.35

1.40

1.45

Time-->



#16

Acetone

Concen: 2.311 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016413.D

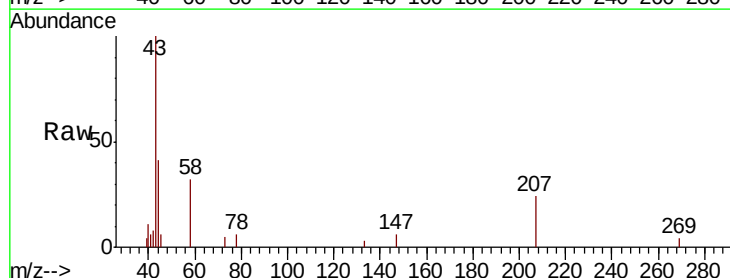
Acq: 22 May 2020 15:36

Tgt Ion: 43 Resp: 2845

Ion Ratio Lower Upper

43 100

58 33.5 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

2000

1500

1000

500

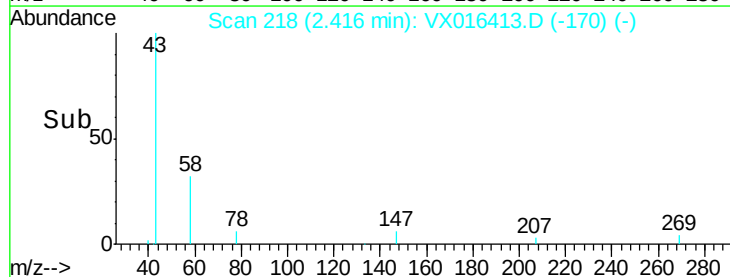
0

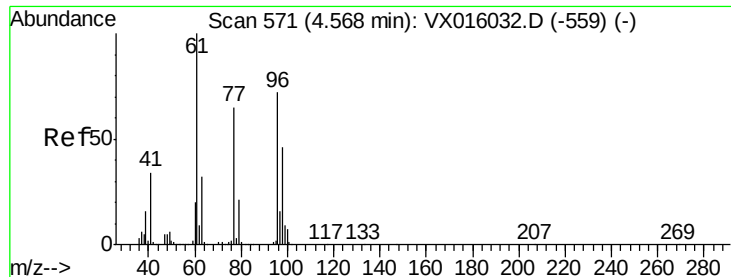
2.35

2.40

2.45

Time-->



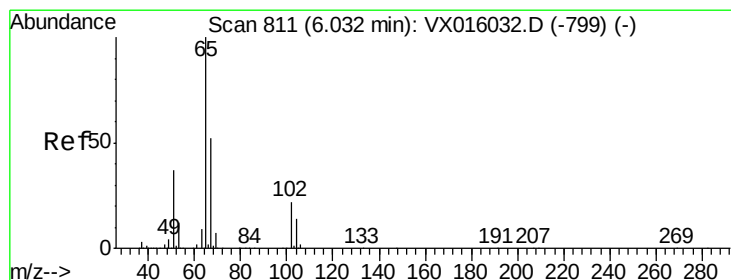
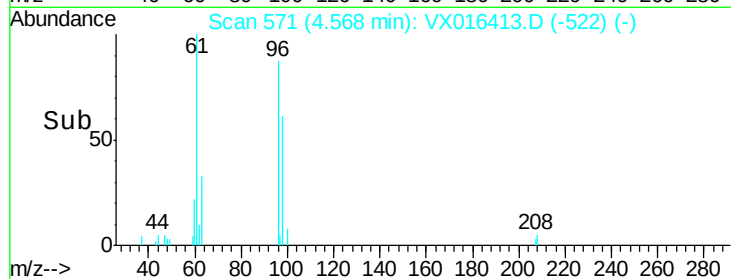
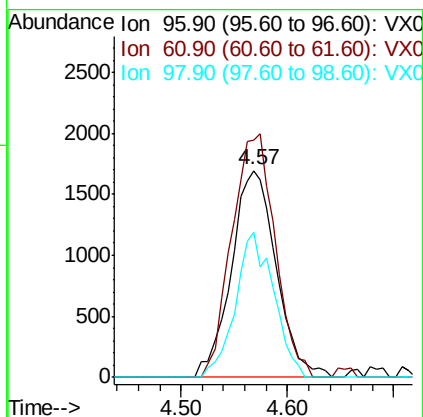
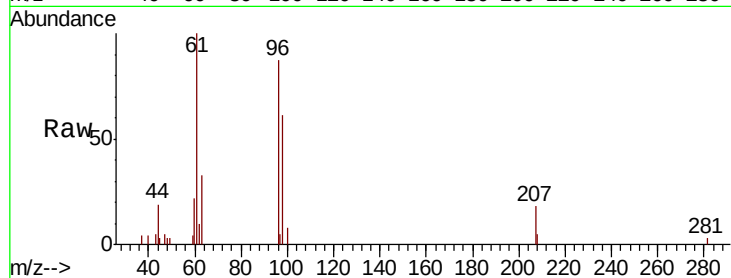


#27

cis-1,2-Dichloroethene
Concen: 1.889 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016413.D
Acq: 22 May 2020 15:36

Instrument :
MSVOA_X
ClientSampleId :
SS042MW019-200521

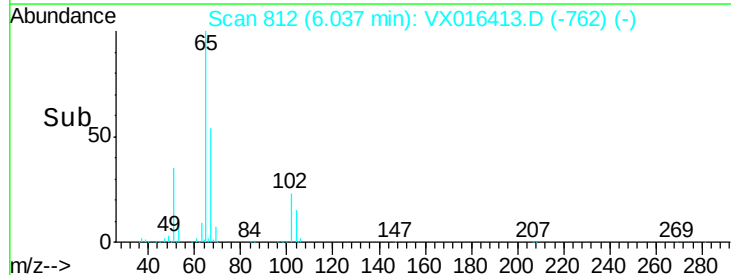
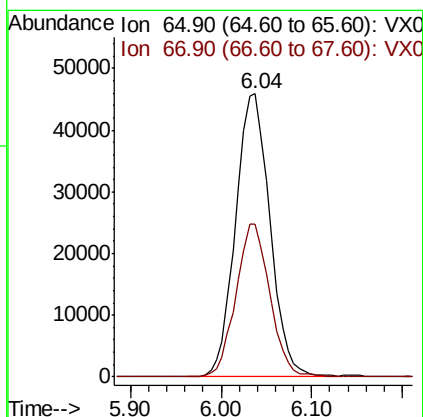
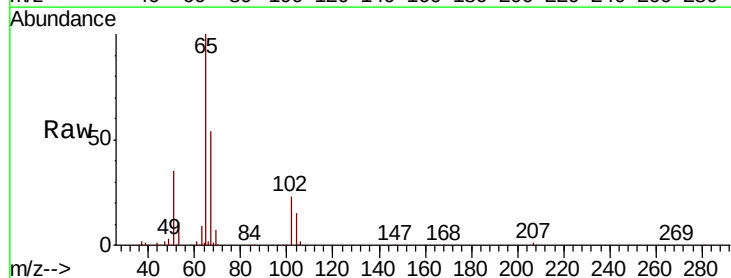
Tot Ion	96	Resp:	5015
Ion	Ratio	Lower	Upper
96	100		
61	113.7	0.0	296.2
98	59.5	0.0	129.4

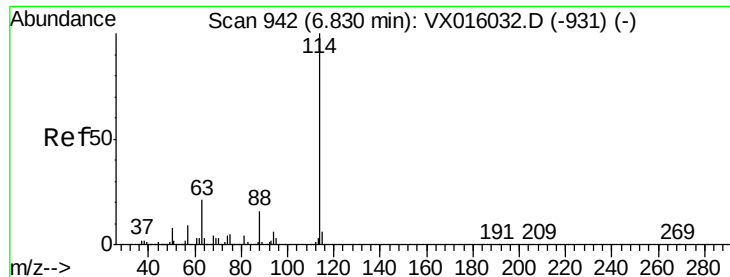


#33

1,2-Dichloroethane-d4
Concen: 43.789 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016413.D
Acq: 22 May 2020 15:36

Tgt Ion	65	Resp:	120803
Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016413.D

Acq: 22 May 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

SS042MW019-200521

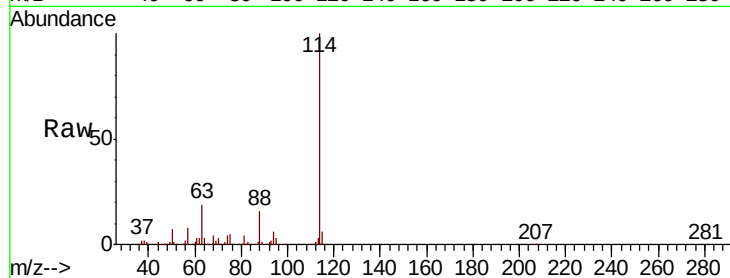
Tot Ion:114 Resp: 346061

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.8

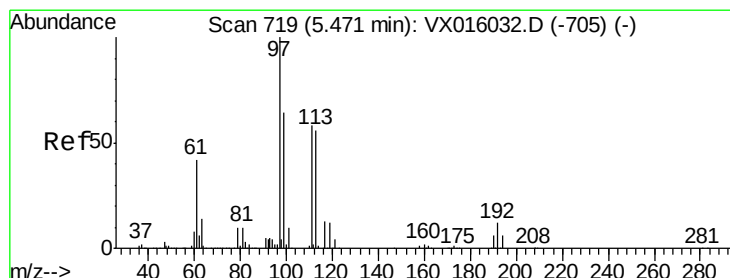
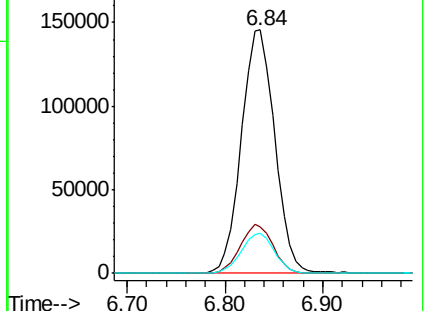
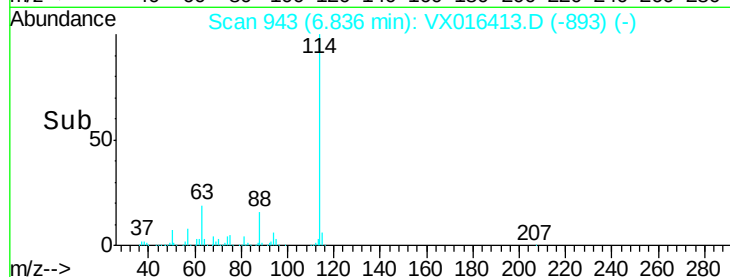
88 16.3 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 46.601 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016413.D

Acq: 22 May 2020 15:36

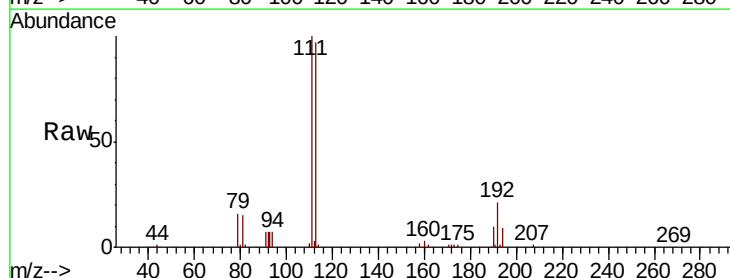
Tgt Ion:113 Resp: 102170

Ion Ratio Lower Upper

113 100

111 102.0 81.6 122.4

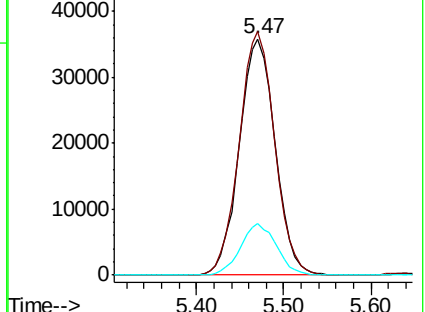
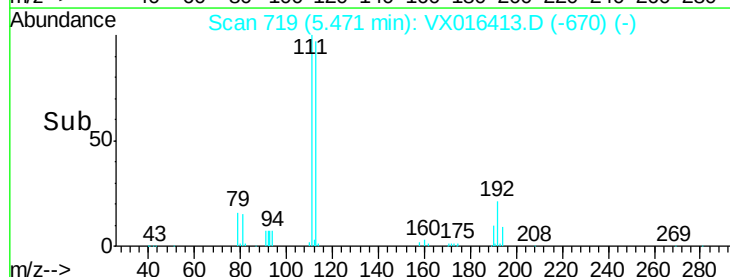
192 21.8 17.0 25.4

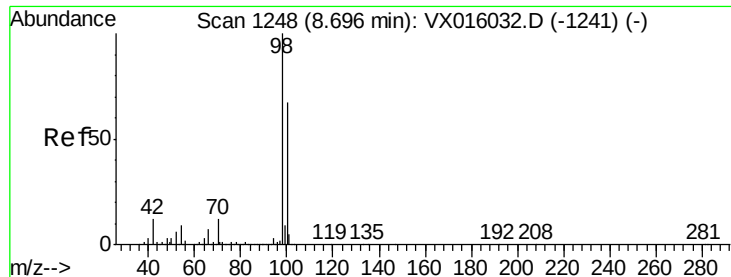


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.514 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016413.D

Acq: 22 May 2020 15:36

Instrument :

MSVOA_X

ClientSampleId :

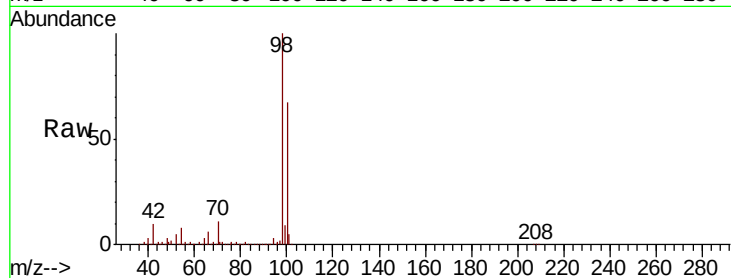
SS042MW019-200521

Tot Ion: 98 Resp: 426725

Ion Ratio Lower Upper

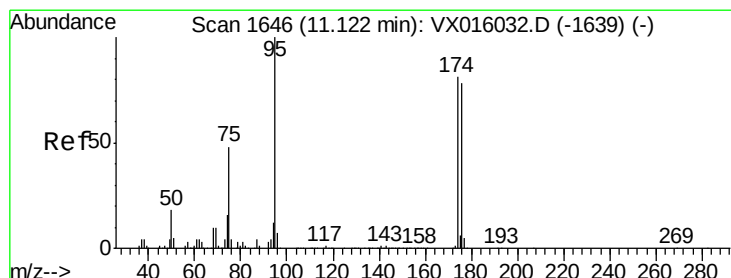
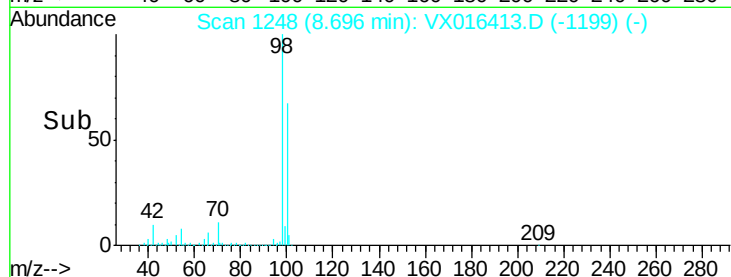
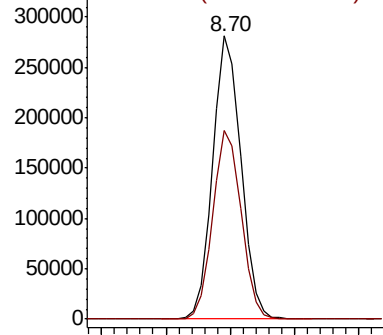
98 100

100 67.2 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 53.920 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016413.D

Acq: 22 May 2020 15:36

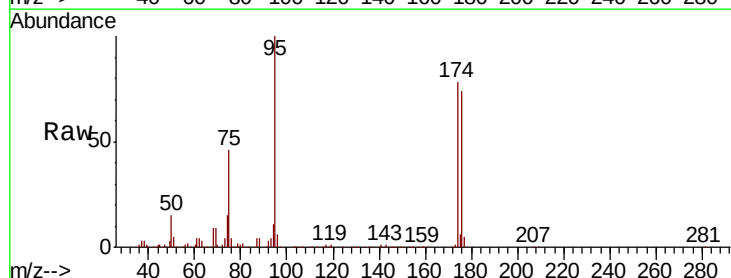
Tgt Ion: 95 Resp: 173249

Ion Ratio Lower Upper

95 100

174 81.1 0.0 159.4

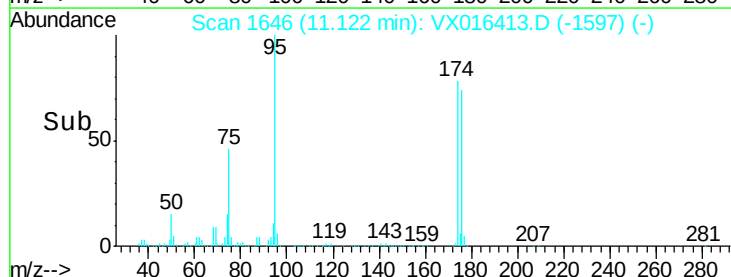
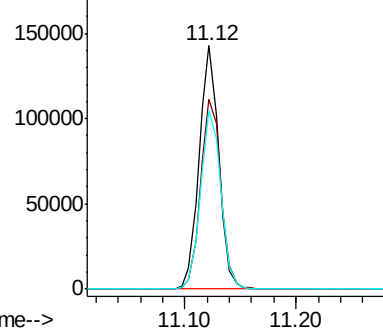
176 76.2 0.0 157.6

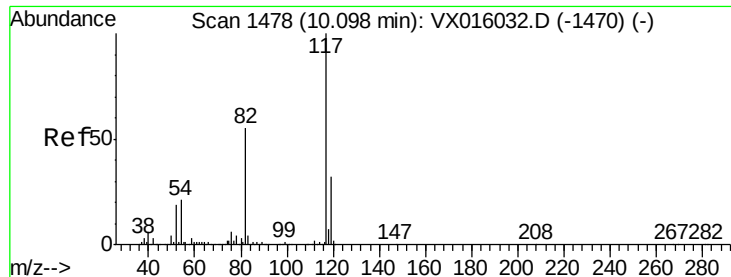


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

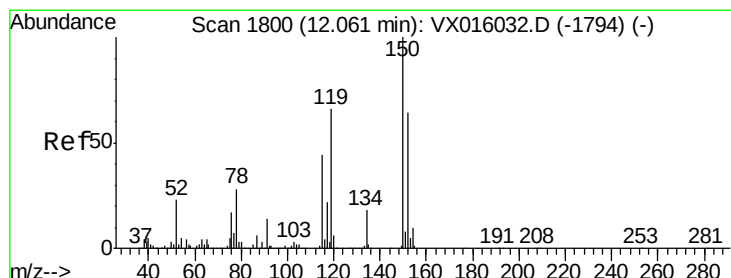
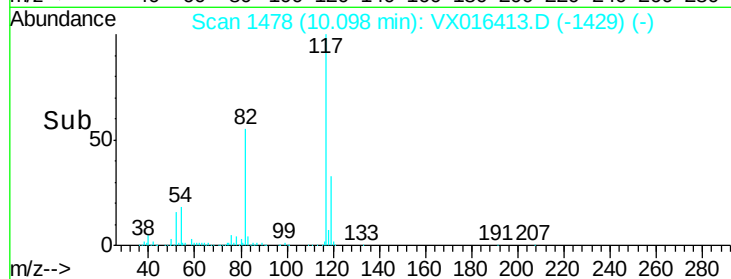
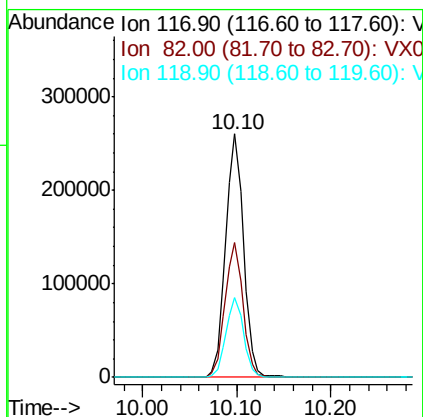
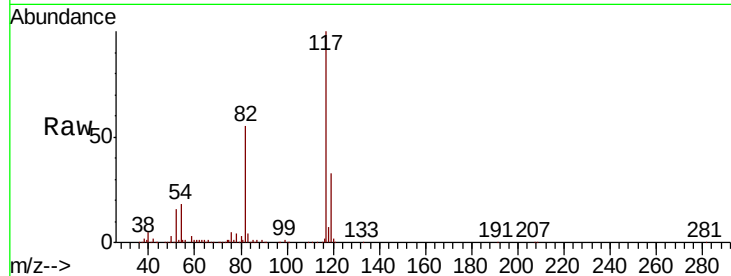




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016413.D
Acq: 22 May 2020 15:36

Instrument :
MSVOA_X
ClientSampleId :
SS042MW019-200521

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.4	66.6
119	32.5	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016413.D
Acq: 22 May 2020 15:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	41.3	124.1
150	156.0	0.0	352.2

