

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
 Data File : VX016832.D
 Acq On : 17 Jun 2020 21:06
 Operator : JC/SP
 Sample : L2984-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0564

Quant Time: Jun 18 02:06:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	247556	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	444196	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	449099	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	206302	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	138332	49.68	ug/l	0.00
Spiked Amount			Recovery	=	99.36%	
35) Dibromofluoromethane	5.47	113	116758	42.60	ug/l	0.00
Spiked Amount			Recovery	=	85.20%	
50) Toluene-d8	8.70	98	462971	45.81	ug/l	0.00
Spiked Amount			Recovery	=	91.62%	
62) 4-Bromofluorobenzene	11.12	95	206048	53.31	ug/l	0.00
Spiked Amount			Recovery	=	106.62%	

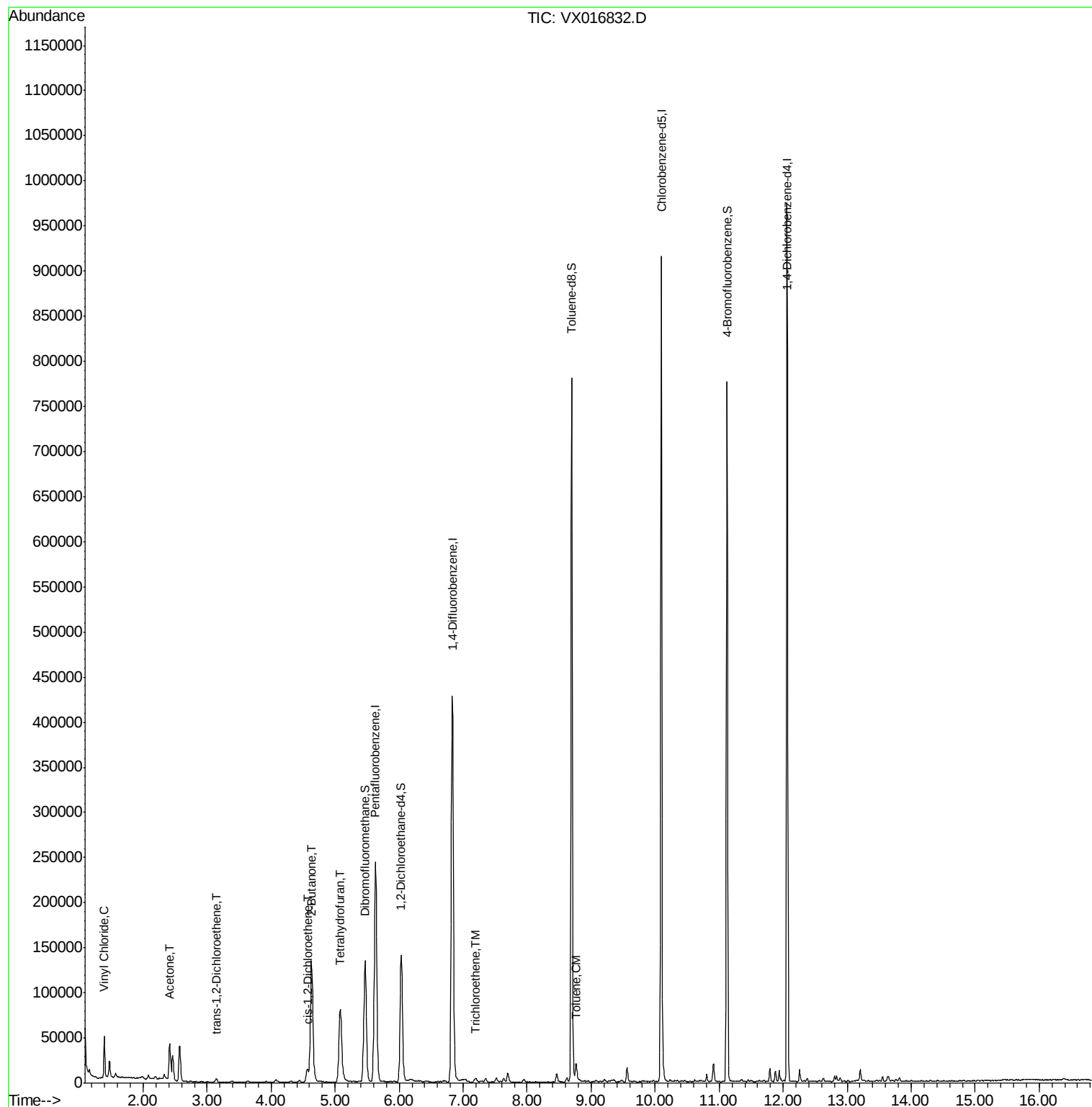
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.39	62	26732	9.271	ug/l	100
16) Acetone	2.42	43	40337	31.935	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	1917	0.737	ug/l #	59
25) 2-Butanone	4.63	43	236431	124.203	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	10297	3.465	ug/l	89
29) Tetrahydrofuran	5.09	42	3506	2.843	ug/l #	71
44) Trichloroethene	7.20	130	1690	0.457	ug/l	99
52) Toluene	8.76	92	4550	0.586	ug/l	99

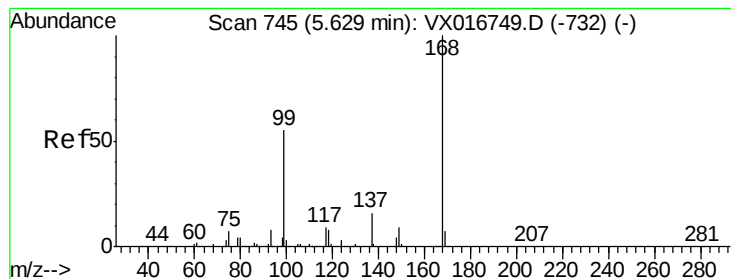
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061720\
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Quant Time: Jun 18 02:06:08 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016832.D

Acq: 17 Jun 2020 21:06

Instrument :

MSVOA_X

ClientSampleId :

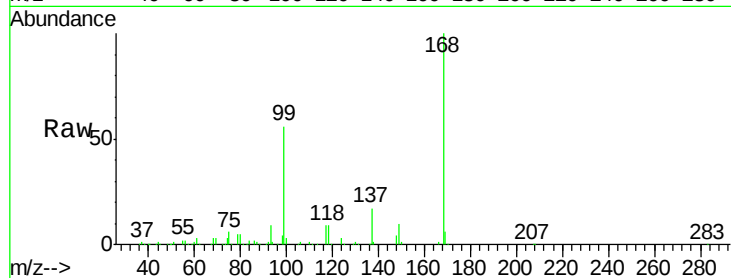
S49-0564

Tot Ion:168 Resp: 247556

Ion Ratio Lower Upper

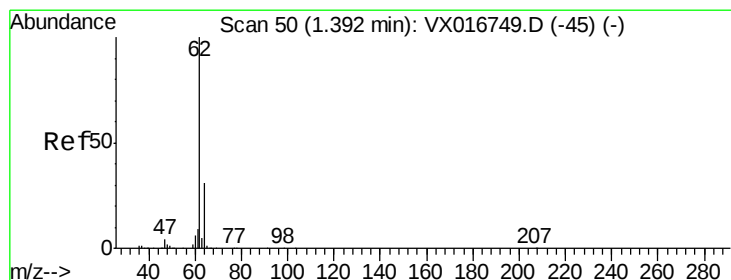
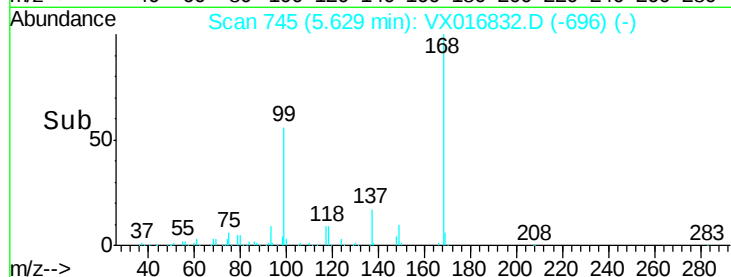
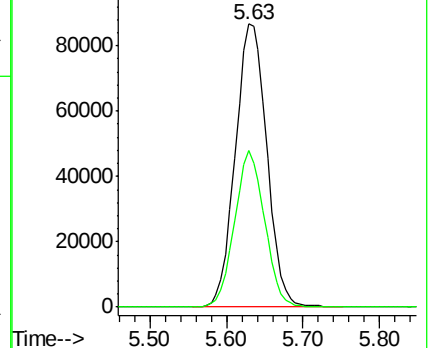
168 100

99 55.6 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 9.271 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016832.D

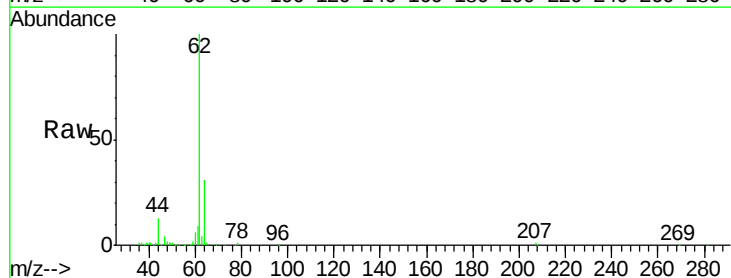
Acq: 17 Jun 2020 21:06

Tgt Ion: 62 Resp: 26732

Ion Ratio Lower Upper

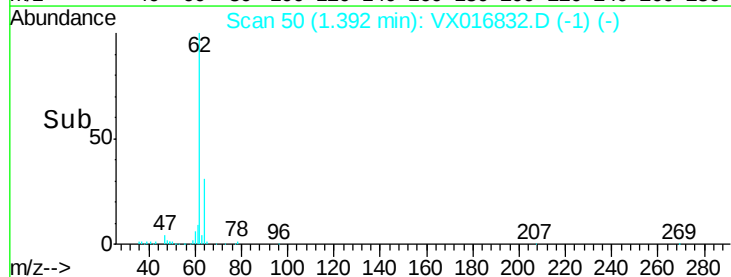
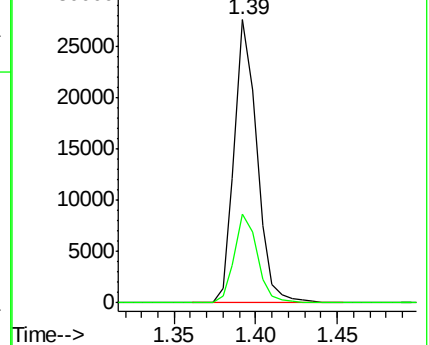
62 100

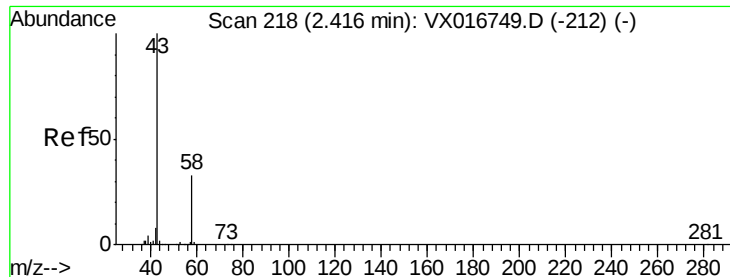
64 31.3 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

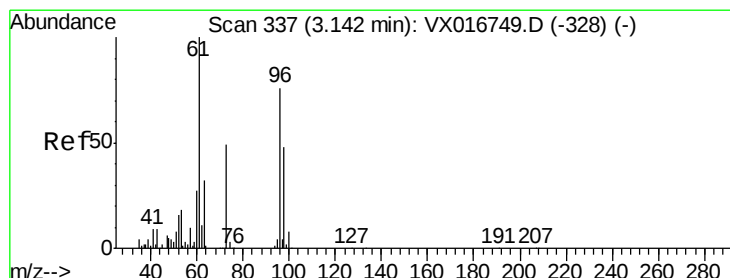
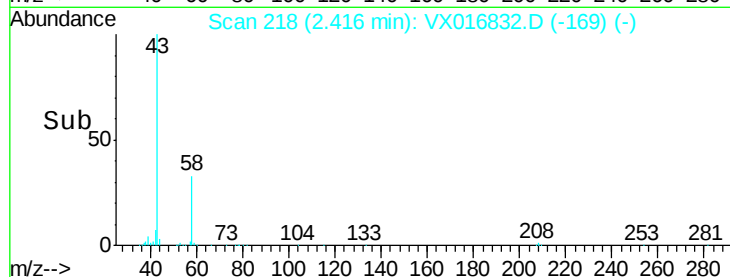
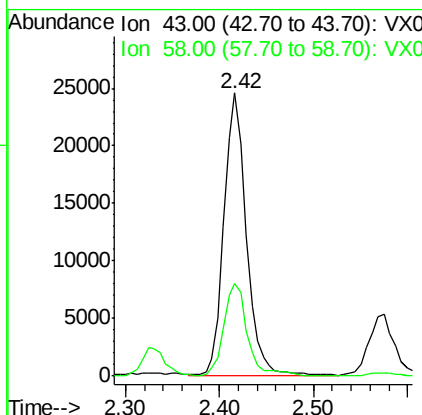
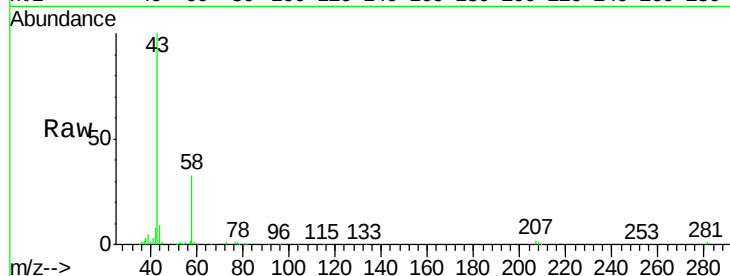




#16
Acetone
Concen: 31.935 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX016832.D
Acq: 17 Jun 2020 21:06

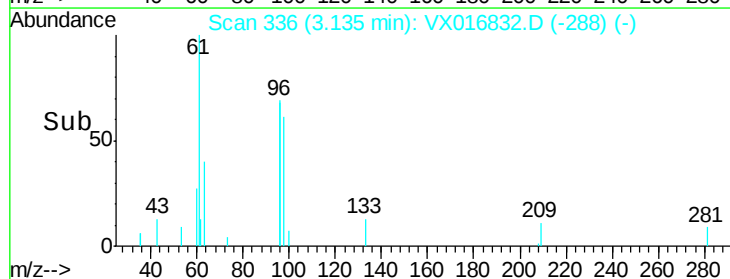
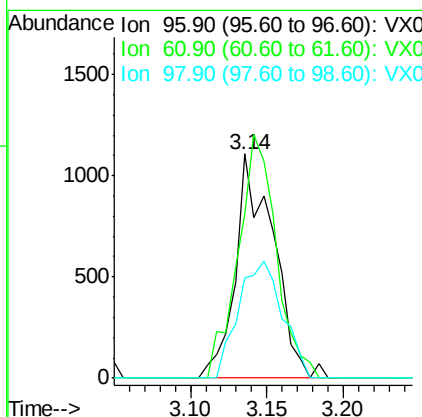
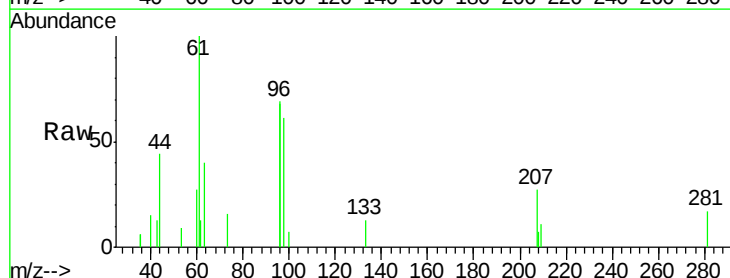
Instrument :
MSVOA_X
ClientSampled :
S49-0564

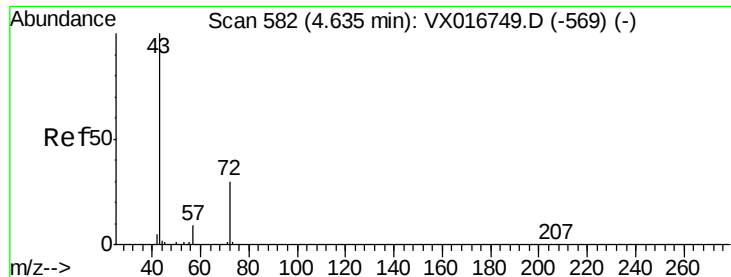
Tot Ion: 43 Resp: 40337
Ion Ratio Lower Upper
43 100
58 32.9 26.3 39.5



#21
trans-1,2-Dichloroethene
Concen: 0.737 ug/l
RT: 3.14 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX016832.D
Acq: 17 Jun 2020 21:06

Tgt Ion: 96 Resp: 1917
Ion Ratio Lower Upper
96 100
61 73.3 105.4 158.2#
98 44.9 50.8 76.2#





#25

2-Butanone

Concen: 124.203 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016832.D

Acq: 17 Jun 2020 21:06

Instrument :

MSVOA_X

ClientSampleId :

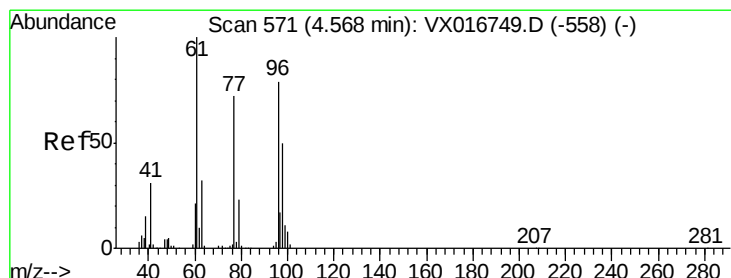
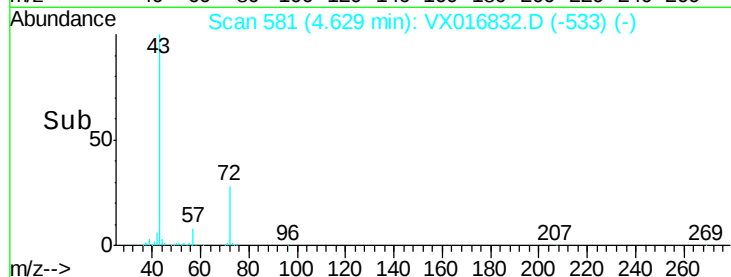
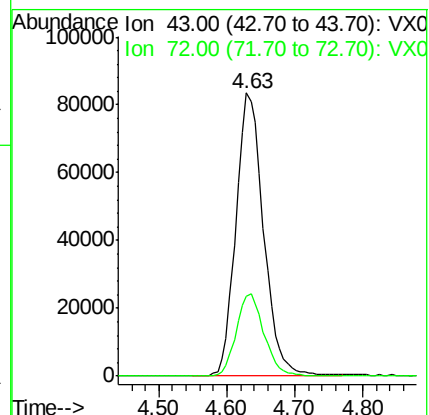
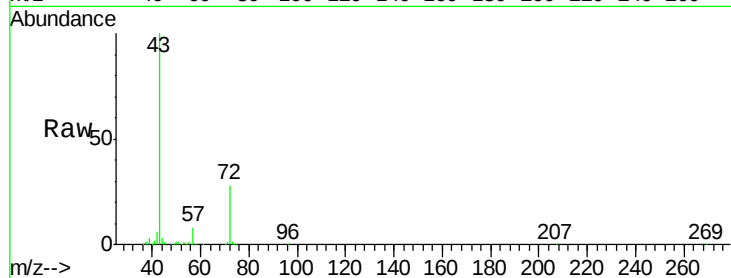
S49-0564

Tot Ion: 43 Resp: 236431

Ion Ratio Lower Upper

43 100

72 28.4 24.2 36.4



#27

cis-1,2-Dichloroethene

Concen: 3.465 ug/l

RT: 4.57 min Scan# 571

Delta R.T. -0.00 min

Lab File: VX016832.D

Acq: 17 Jun 2020 21:06

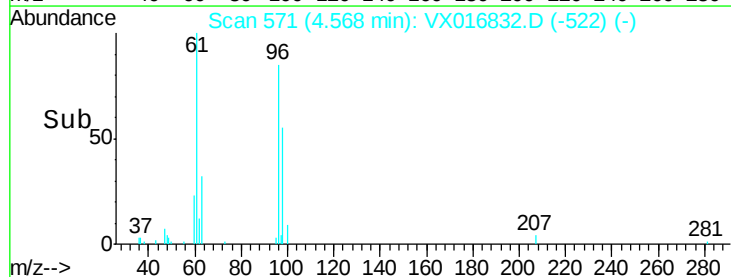
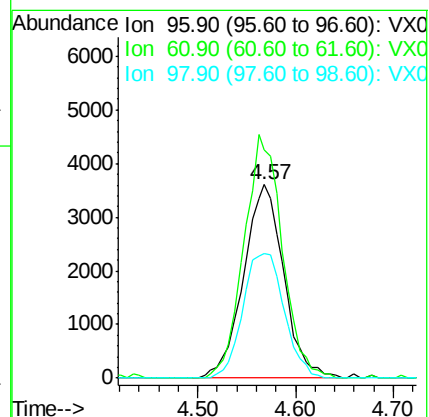
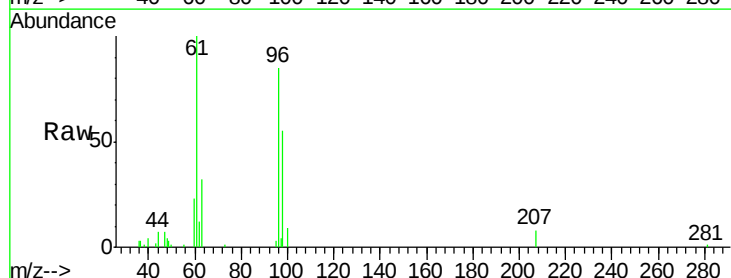
Tgt Ion: 96 Resp: 10297

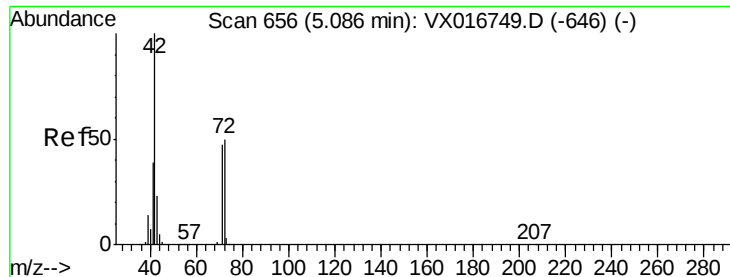
Ion Ratio Lower Upper

96 100

61 120.2 0.0 276.2

98 66.4 0.0 130.0

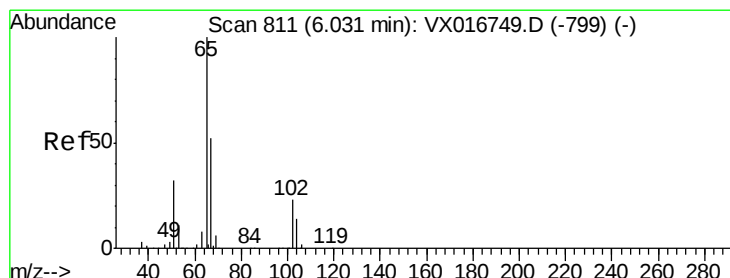
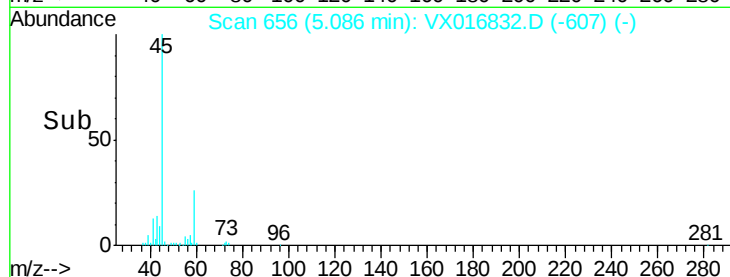
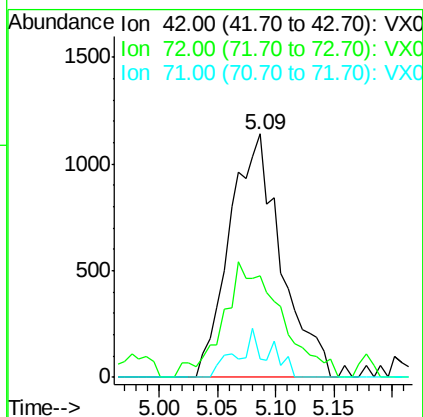
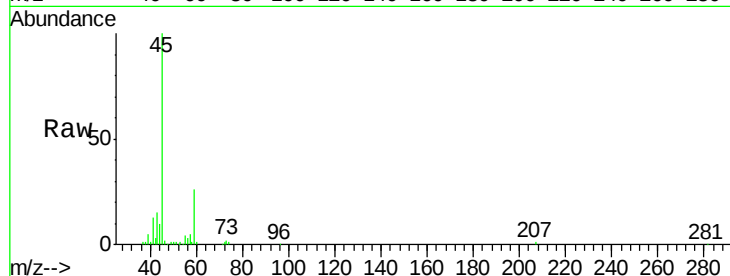




#29
Tetrahydrofuran
Concen: 2.843 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX016832.D
Acq: 17 Jun 2020 21:06

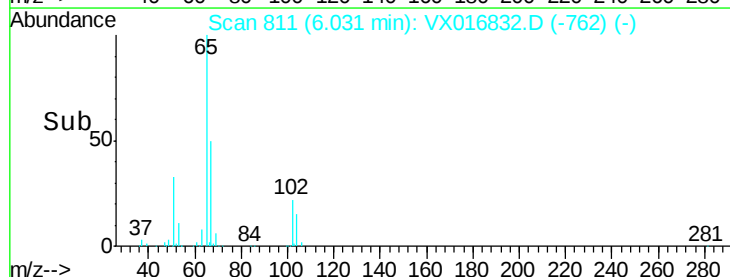
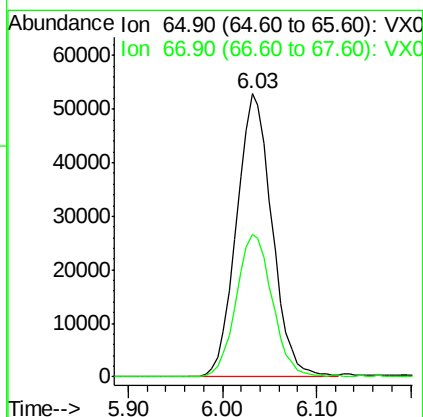
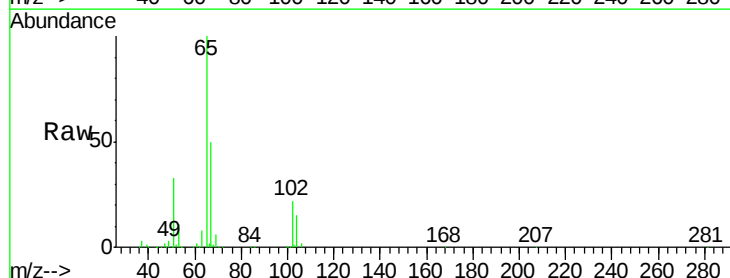
Instrument :
MSVOA_X
ClientSampled :
S49-0564

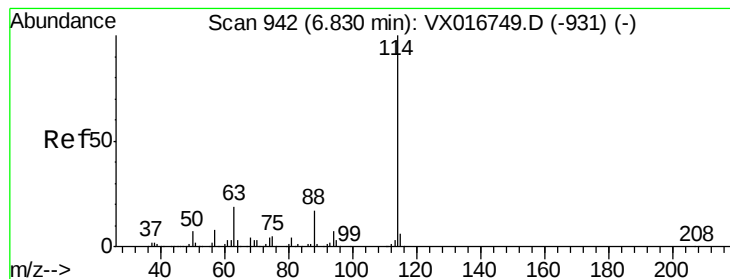
Tot Ion: 42 Resp: 3506
Ion Ratio Lower Upper
42 100
72 53.4 41.0 61.6
71 8.9 38.2 57.4#



#33
1,2-Dichloroethane-d4
Concen: 49.681 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX016832.D
Acq: 17 Jun 2020 21:06

Tgt Ion: 65 Resp: 138332
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016832.D

Acq: 17 Jun 2020 21:06

Instrument :

MSVOA_X

ClientSampleId :

S49-0564

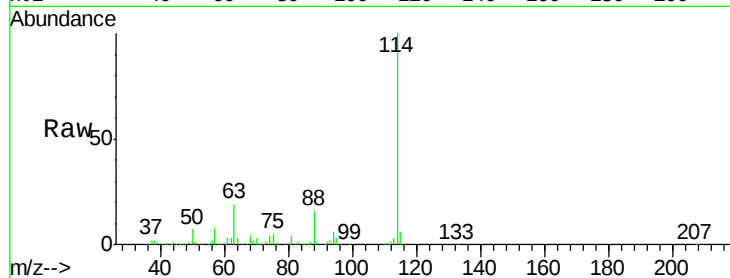
Tot Ion:114 Resp: 444196

Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.8

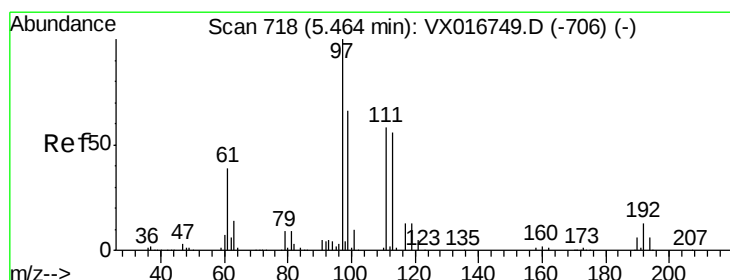
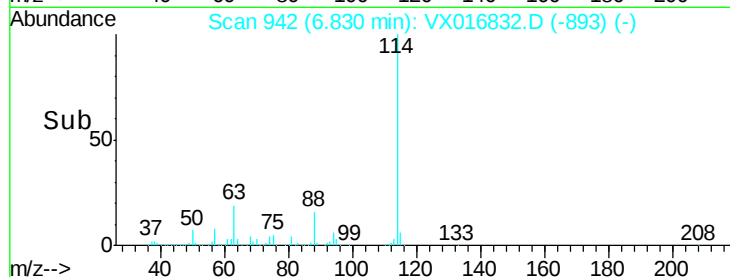
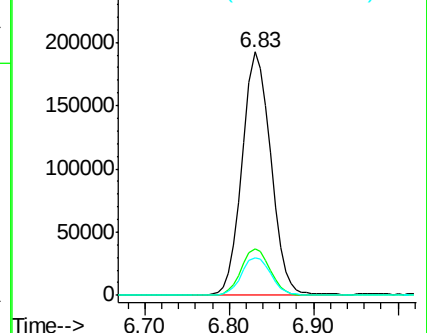
88 15.5 0.0 33.4



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: 42.603 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016832.D

Acq: 17 Jun 2020 21:06

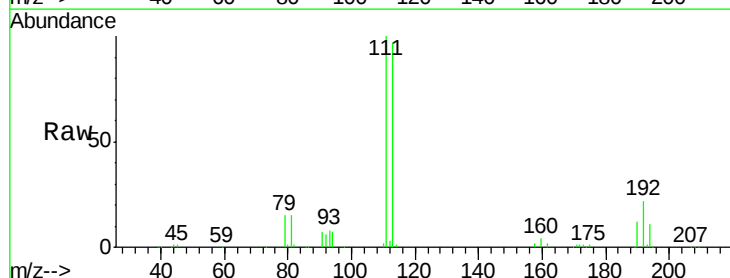
Tgt Ion:113 Resp: 116758

Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.6

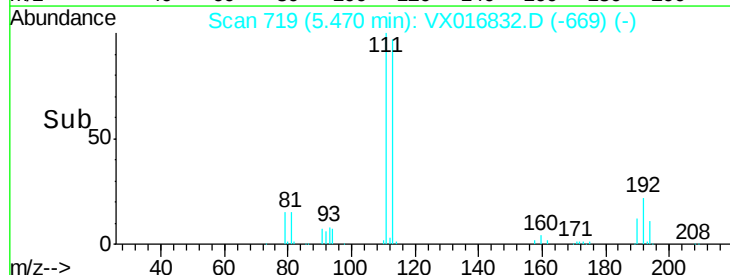
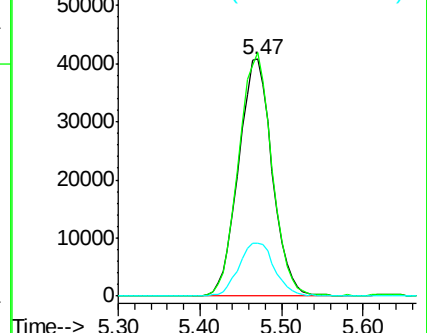
192 23.7 18.2 27.4

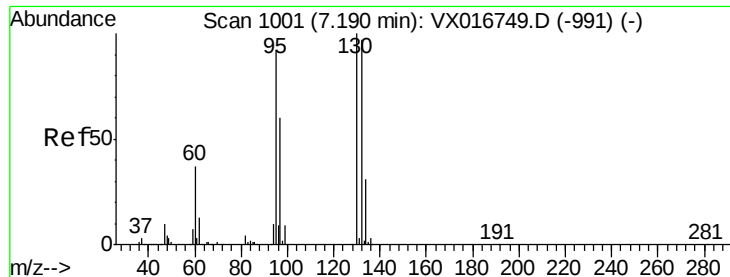


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.457 ug/l

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX016832.D

Acq: 17 Jun 2020 21:06

Instrument :

MSVOA_X

ClientSampleId :

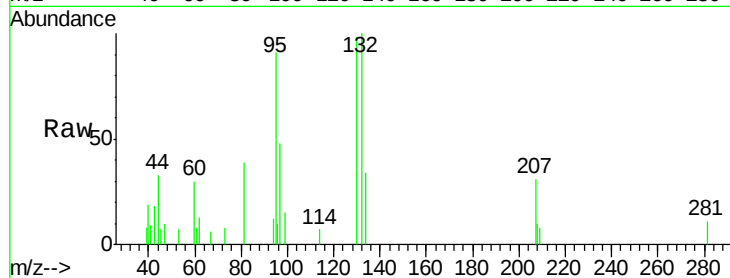
S49-0564

Tot Ion:130 Resp: 1690

Ion Ratio Lower Upper

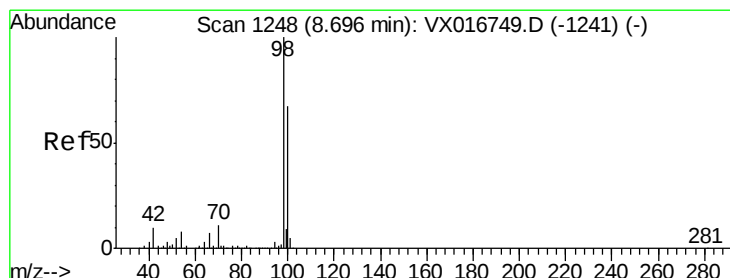
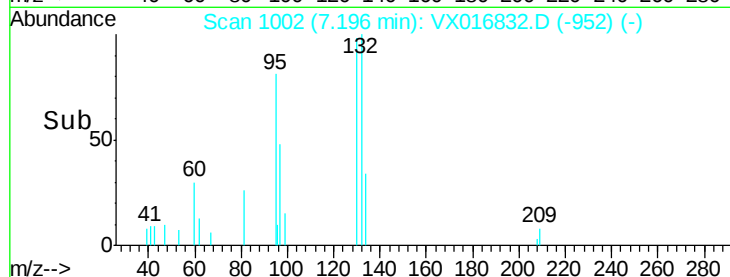
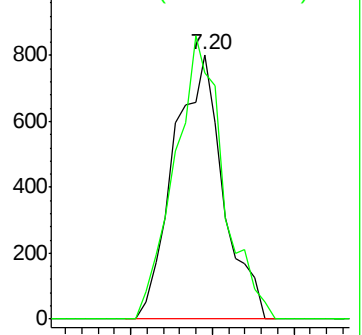
130 100

95 92.9 0.0 183.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 45.814 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016832.D

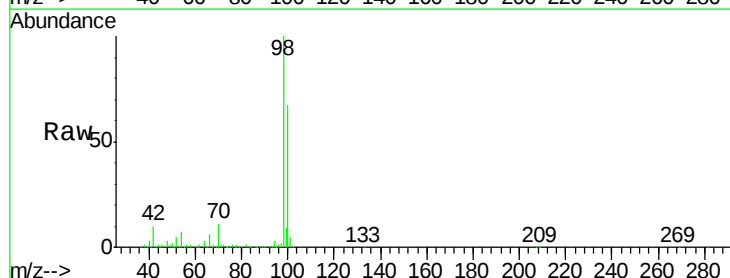
Acq: 17 Jun 2020 21:06

Tgt Ion: 98 Resp: 462971

Ion Ratio Lower Upper

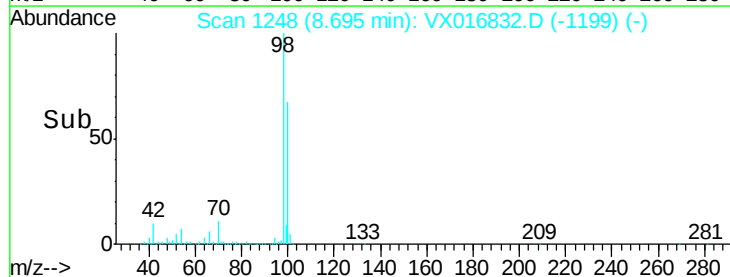
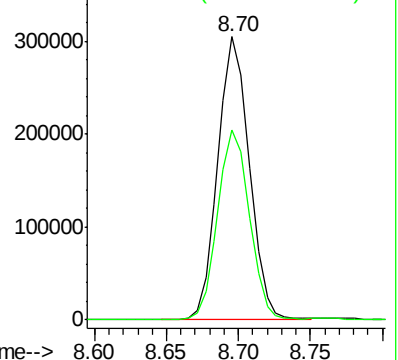
98 100

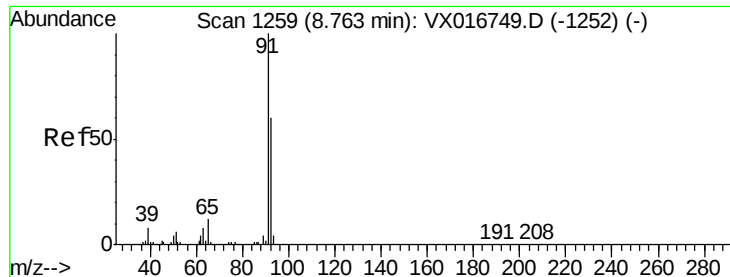
100 67.6 53.9 80.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 0.586 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX016832.D

Acq: 17 Jun 2020 21:06

Instrument :

MSVOA_X

ClientSampled :

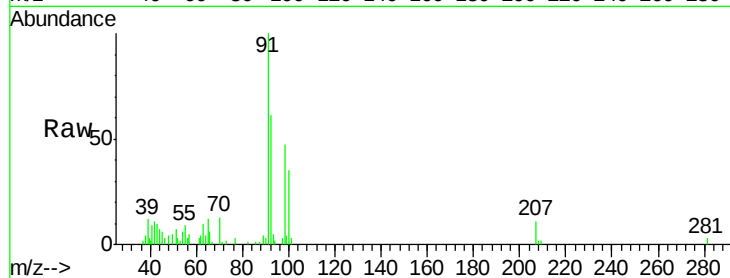
S49-0564

Tot Ion: 92 Resp: 4550

Ion Ratio Lower Upper

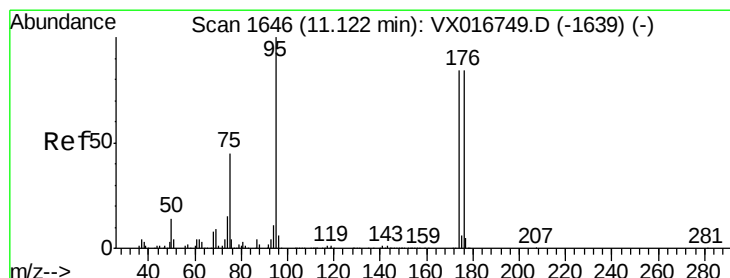
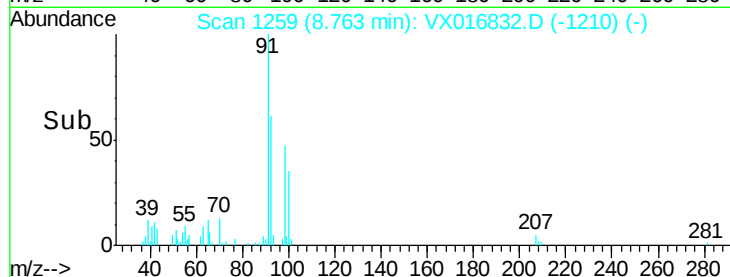
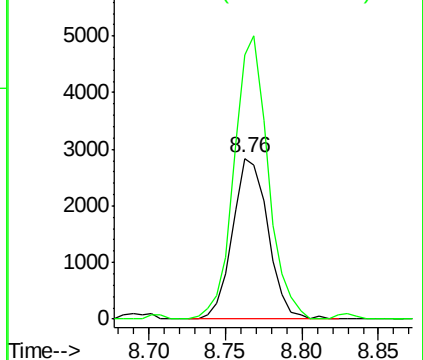
92 100

91 168.9 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 53.307 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016832.D

Acq: 17 Jun 2020 21:06

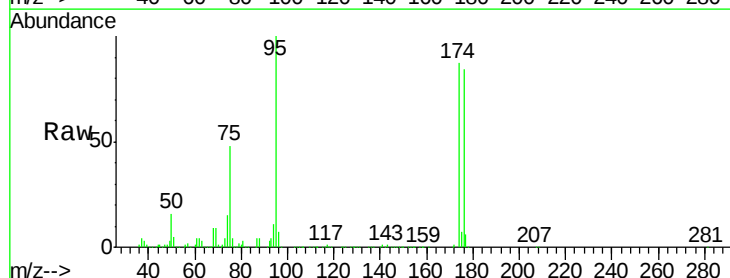
Tgt Ion: 95 Resp: 206048

Ion Ratio Lower Upper

95 100

174 86.1 0.0 171.0

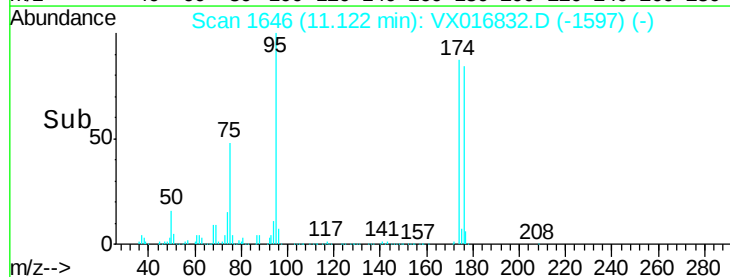
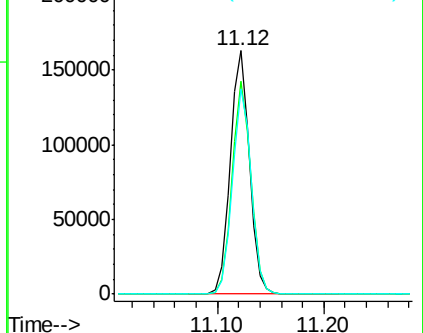
176 83.2 0.0 166.2

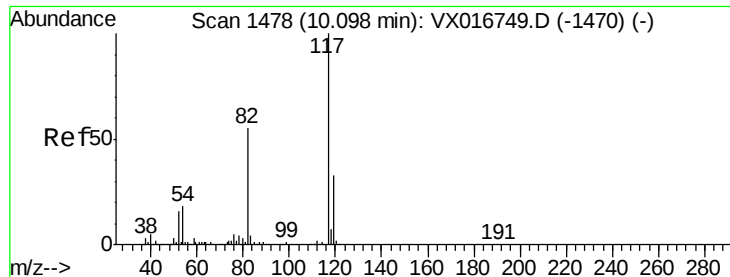


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

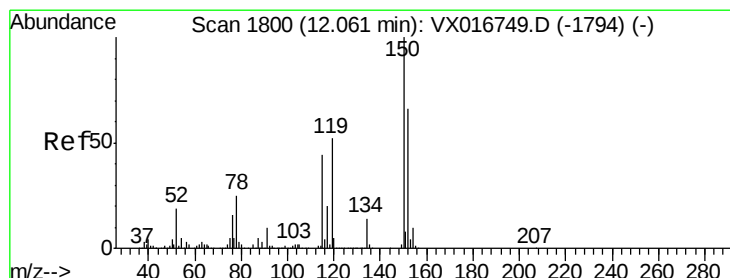
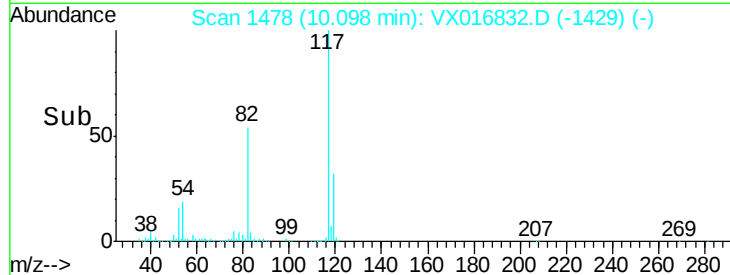
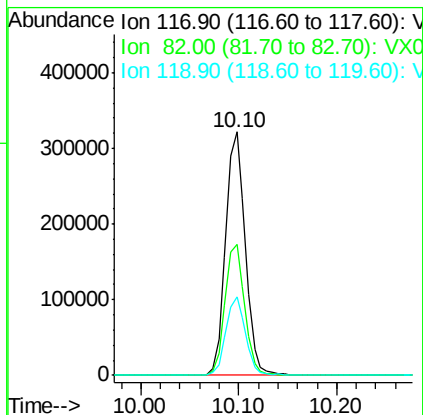
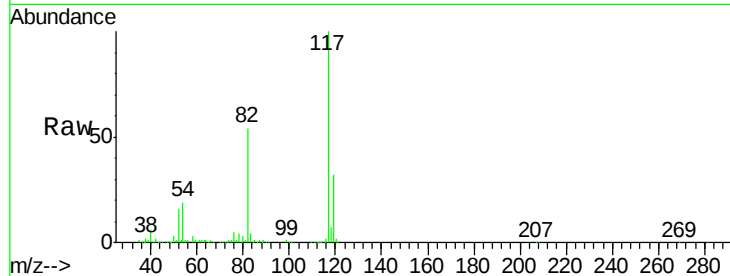




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016832.D
Acq: 17 Jun 2020 21:06

Instrument :
MSVOA_X
ClientSampleId :
S49-0564

Tot Ion:117 Resp: 449099
Ion Ratio Lower Upper
117 100
82 53.9 43.8 65.6
119 32.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016832.D
Acq: 17 Jun 2020 21:06

Tgt Ion:152 Resp: 206302
Ion Ratio Lower Upper
152 100
115 57.6 40.3 120.8
150 157.3 0.0 337.4

