

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052020\
 Data File : VX016363.D
 Acq On : 20 May 2020 16:22
 Operator : JC/SP
 Sample : L2708-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0692

Quant Time: May 21 05:02:28 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	250835	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	415854	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	402713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	200047	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	146886	44.50	ug/l	0.00
Spiked Amount			Recovery	=	89.00%	
35) Dibromofluoromethane	5.46	113	122422	46.47	ug/l	0.00
Spiked Amount			Recovery	=	92.94%	
50) Toluene-d8	8.70	98	513437	50.58	ug/l	0.00
Spiked Amount			Recovery	=	101.16%	
62) 4-Bromofluorobenzene	11.12	95	201892	52.29	ug/l	0.00
Spiked Amount			Recovery	=	104.58%	

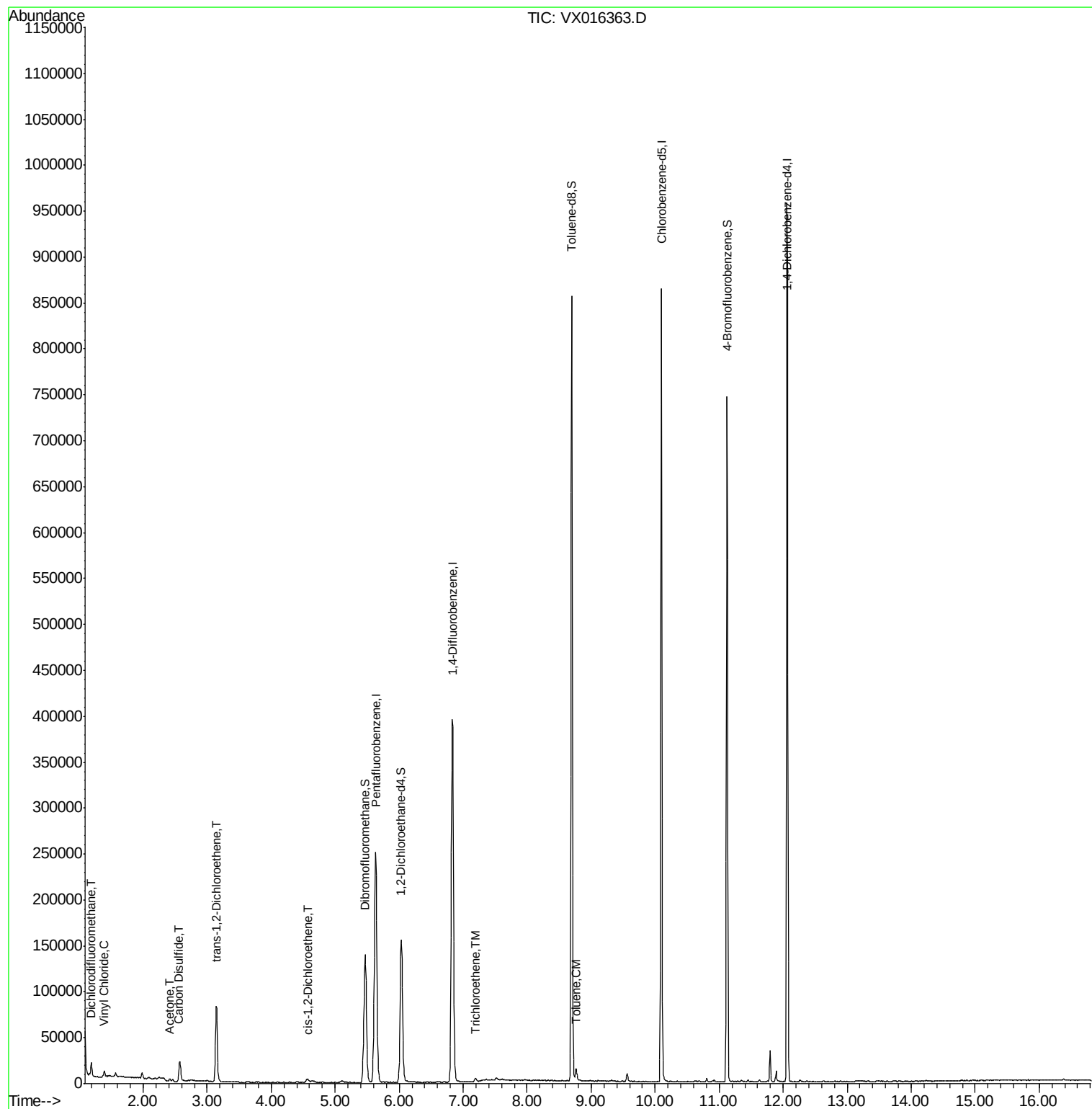
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	2785	1.049	ug/l	98
4) Vinyl Chloride	1.39	62	3012	0.916	ug/l	93
16) Acetone	2.42	43	2777	1.886	ug/l	96
17) Carbon Disulfide	2.56	76	4241	0.336	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	36535	12.574	ug/l	94
27) cis-1,2-Dichloroethene	4.57	96	2634	0.829	ug/l	79
44) Trichloroethene	7.19	130	1443	0.339	ug/l	76
52) Toluene	8.77	92	4407	0.590	ug/l	97

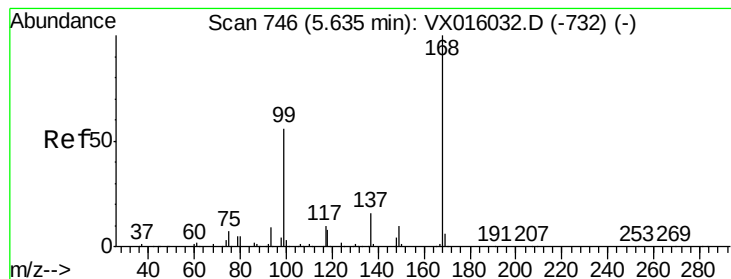
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016363.D

Acq: 20 May 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

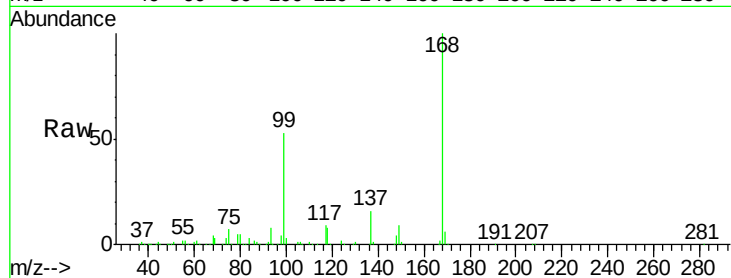
S32-0692

Tot Ion:168 Resp: 250835

Ion Ratio Lower Upper

168 100

99 52.7 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

60000

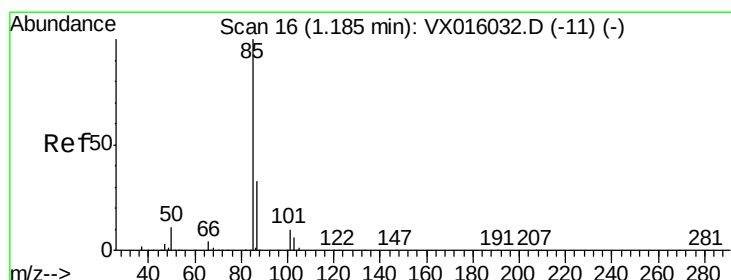
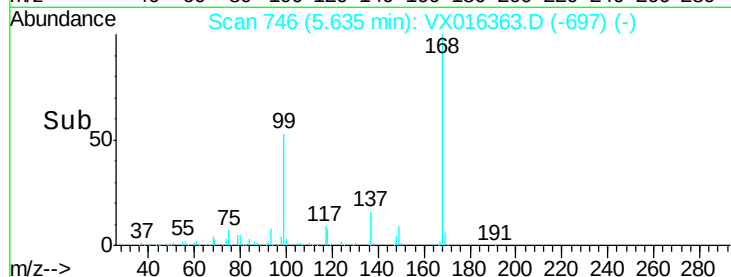
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 1.049 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016363.D

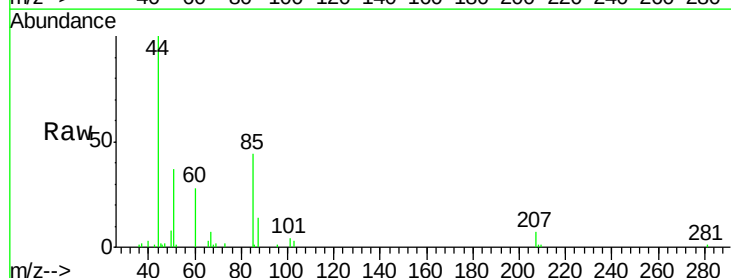
Acq: 20 May 2020 16:22

Tgt Ion: 85 Resp: 2785

Ion Ratio Lower Upper

85 100

87 31.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

3000

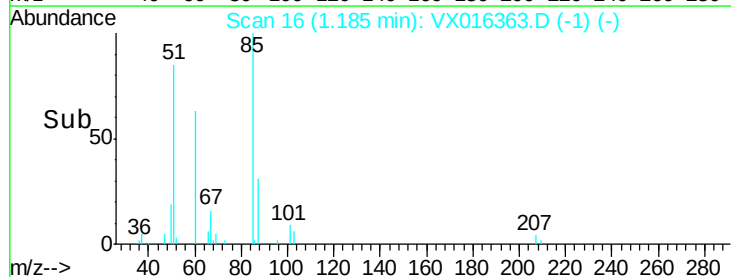
2000

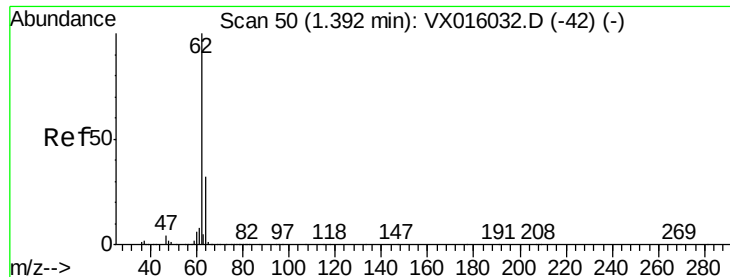
1000

0

Time-->

1.15 1.20





#4

Vinyl Chloride

Concen: 0.916 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016363.D

Acq: 20 May 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

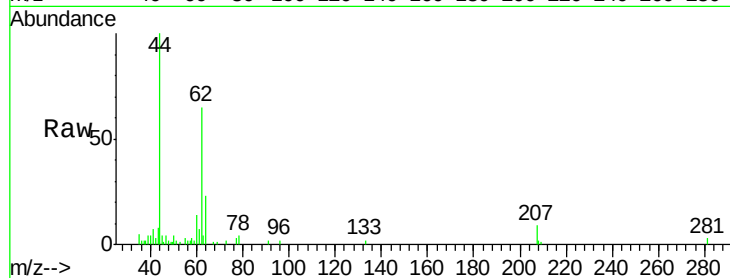
S32-0692

Tot Ion: 62 Resp: 3012

Ion Ratio Lower Upper

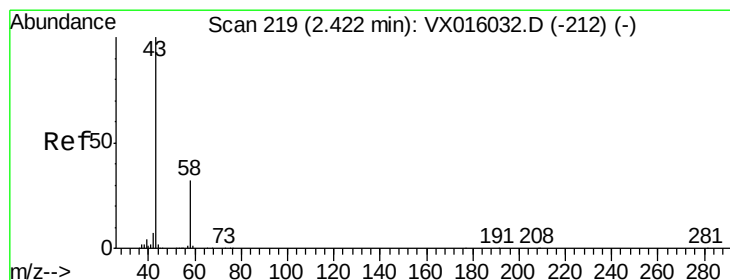
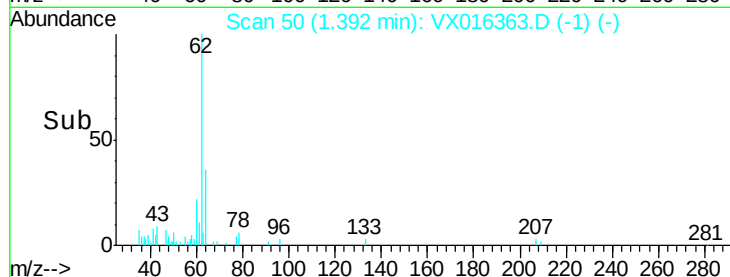
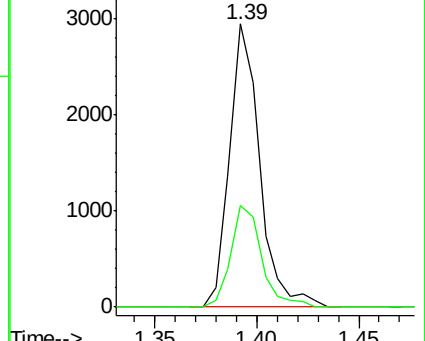
62 100

64 35.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#16

Acetone

Concen: 1.886 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016363.D

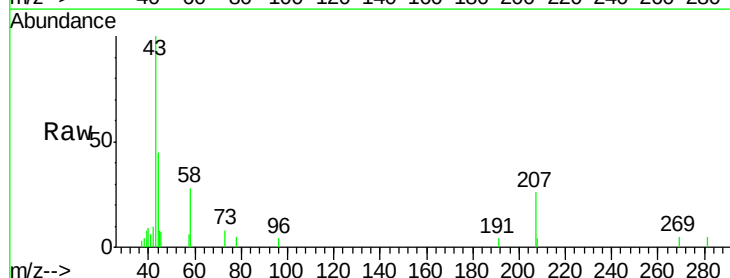
Acq: 20 May 2020 16:22

Tgt Ion: 43 Resp: 2777

Ion Ratio Lower Upper

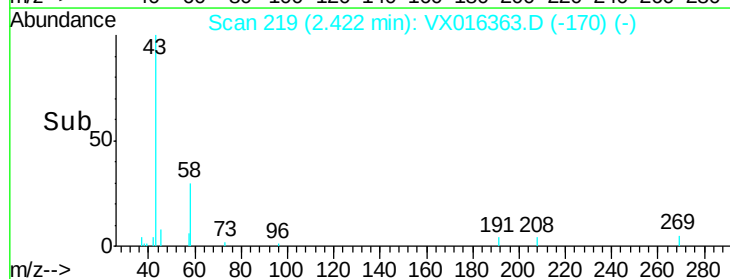
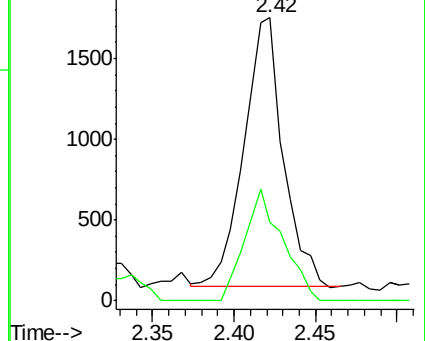
43 100

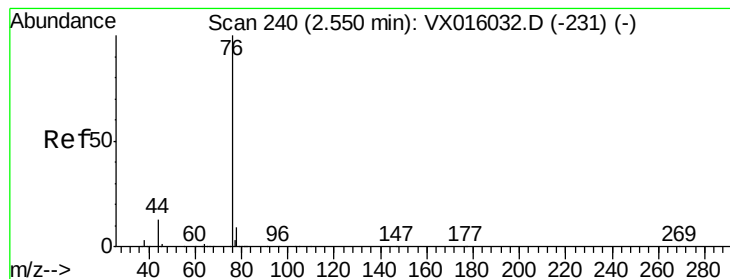
58 29.4 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.336 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX016363.D

Acq: 20 May 2020 16:22

Instrument :

MSVOA_X

ClientSampled :

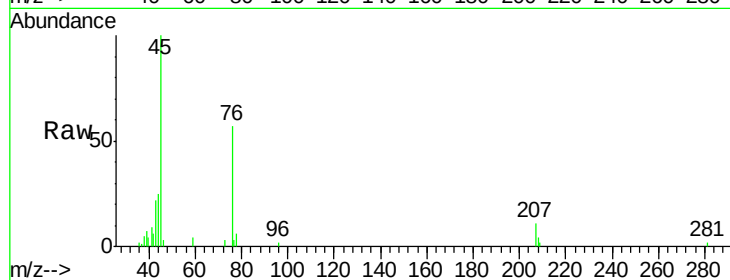
S32-0692

Tot Ion: 76 Resp: 4241

Ion Ratio Lower Upper

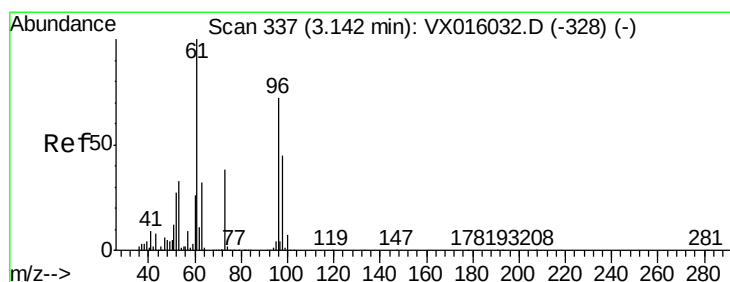
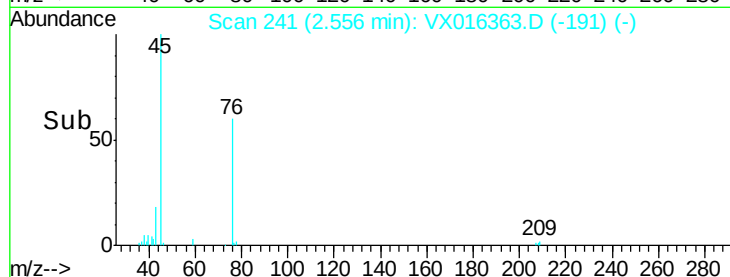
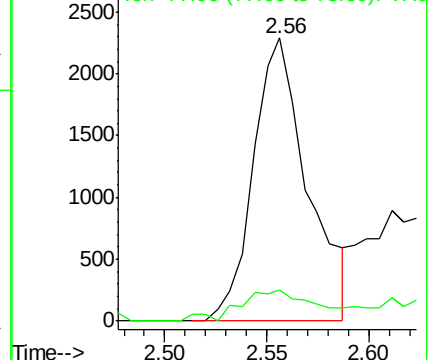
76 100

78 8.7 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#21

trans-1,2-Dichloroethene

Concen: 12.574 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX016363.D

Acq: 20 May 2020 16:22

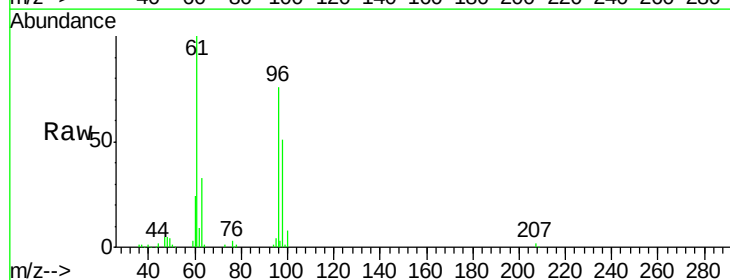
Tgt Ion: 96 Resp: 36535

Ion Ratio Lower Upper

96 100

61 130.7 111.2 166.8

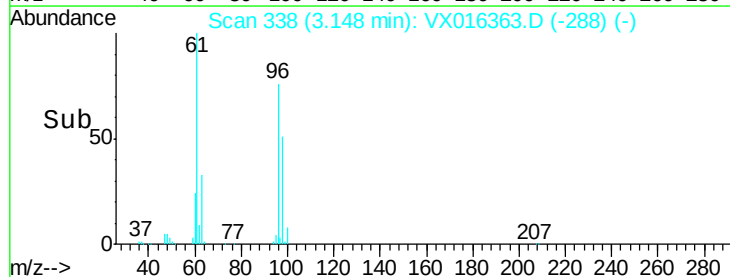
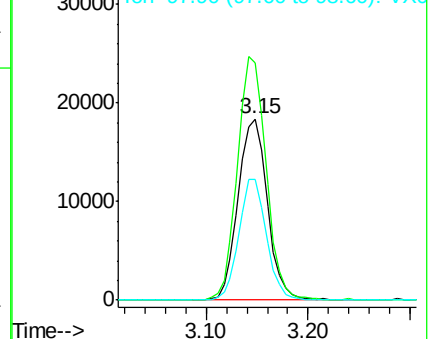
98 66.6 50.2 75.4

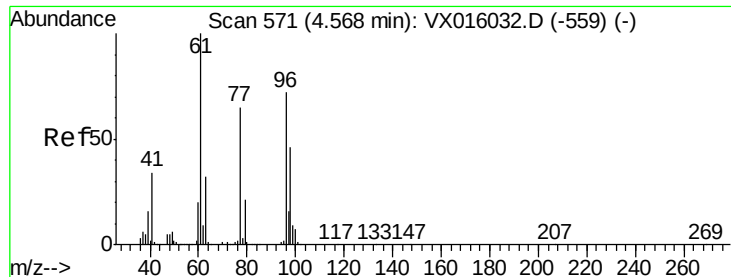


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



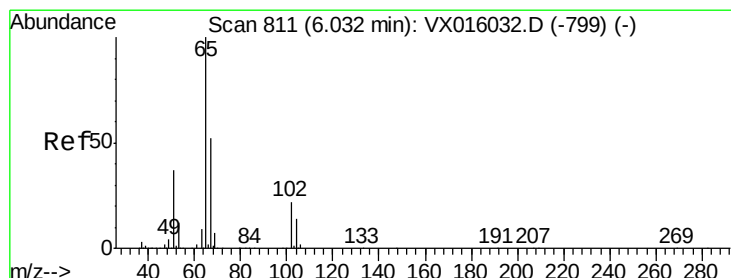
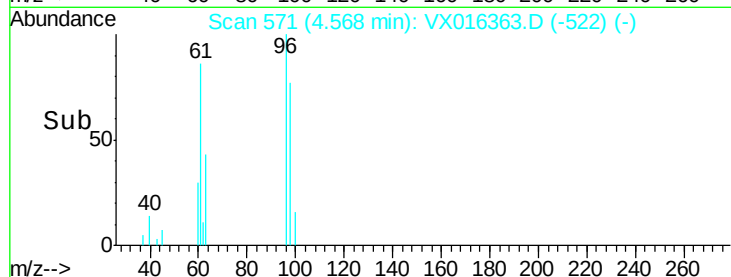
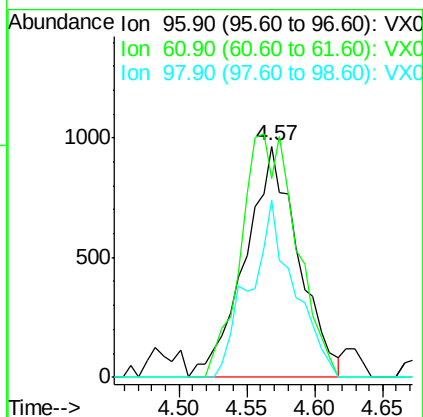
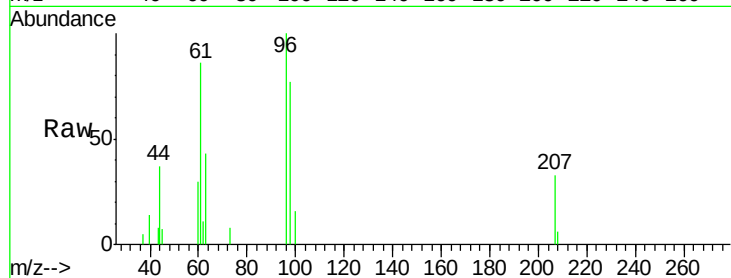


#27

cis-1,2-Dichloroethene
Concen: 0.829 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016363.D
Acq: 20 May 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
S32-0692

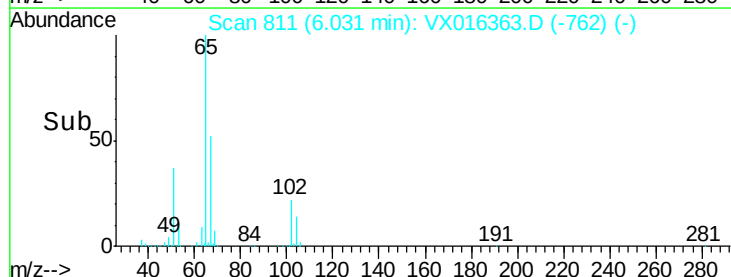
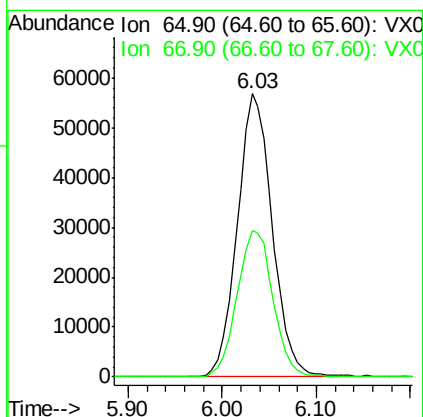
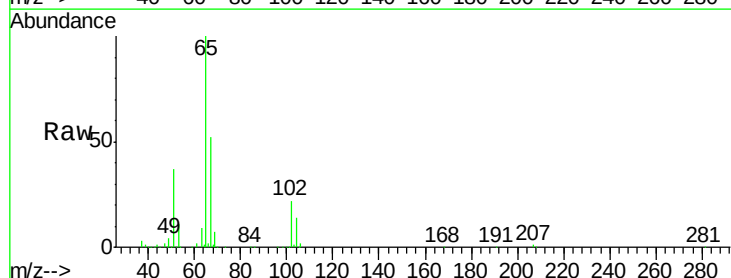
Tot Ion	96	Resp:	2634
Ion	Ratio	Lower	Upper
96	100		
61	109.8	0.0	296.2
98	64.3	0.0	129.4

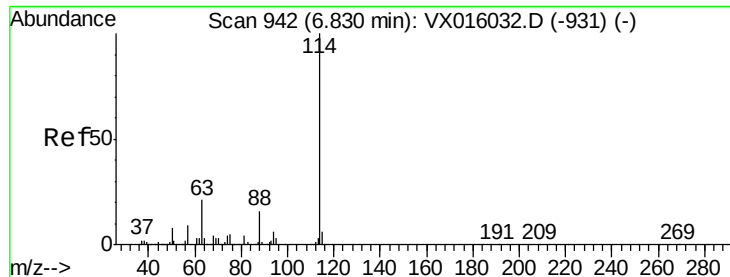


#33

1,2-Dichloroethane-d4
Concen: 44.501 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016363.D
Acq: 20 May 2020 16:22

Tgt Ion	65	Resp:	146886
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: VX016363.D

Acq: 20 May 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

S32-0692

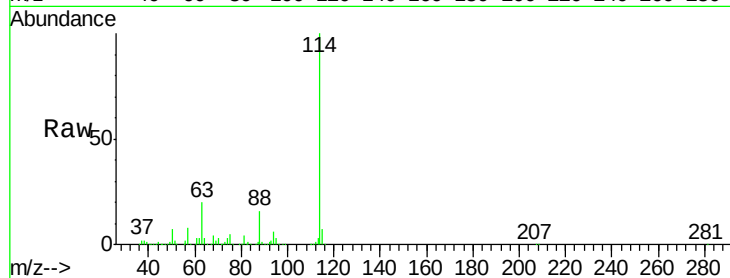
Tot Ion:114 Resp: 415854

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.8

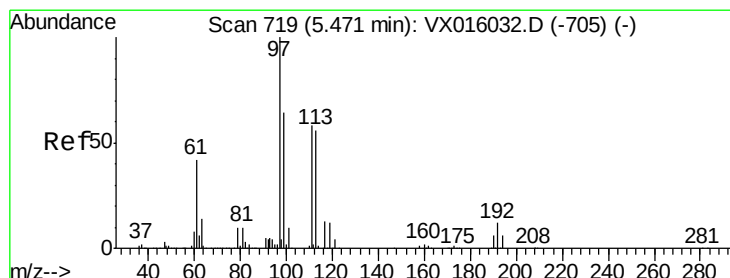
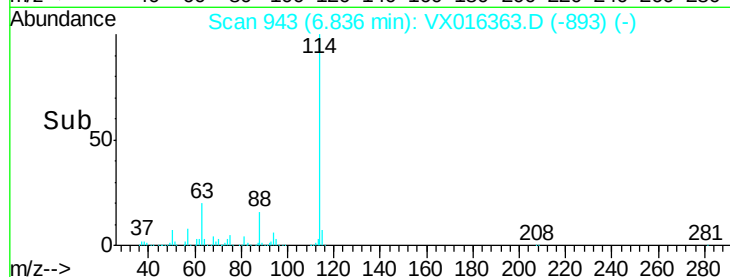
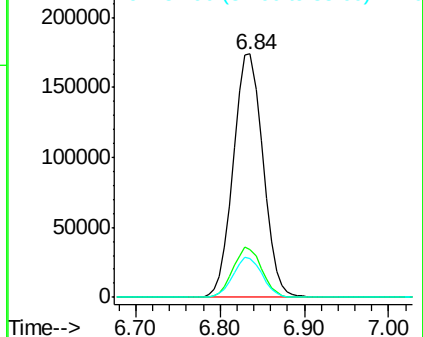
88 16.2 0.0 31.4



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: 46.467 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016363.D

Acq: 20 May 2020 16:22

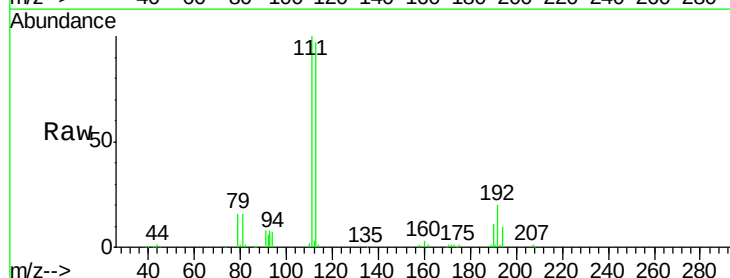
Tgt Ion:113 Resp: 122422

Ion Ratio Lower Upper

113 100

111 103.0 81.6 122.4

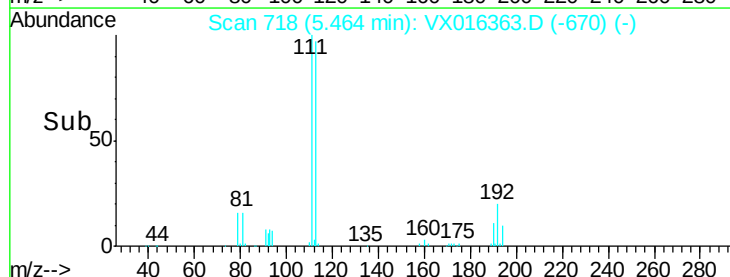
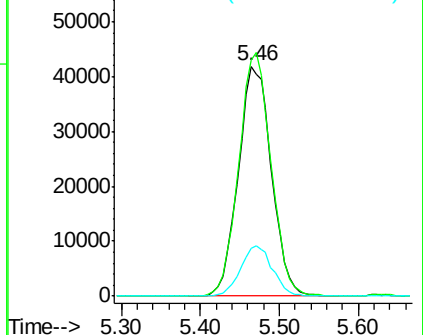
192 21.1 17.0 25.4

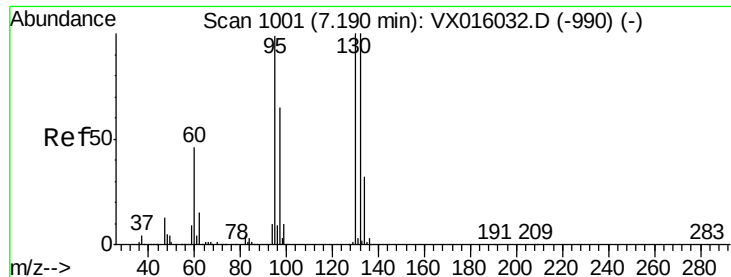


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.339 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016363.D

Acq: 20 May 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

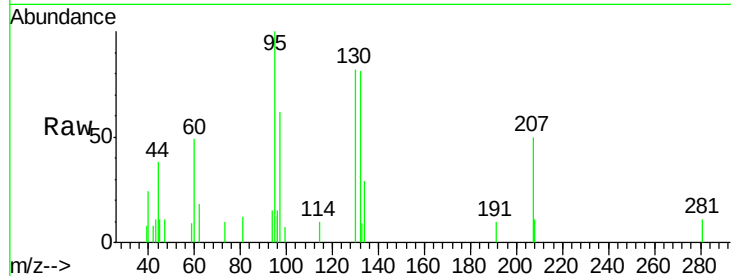
S32-0692

Tot Ion:130 Resp: 1443

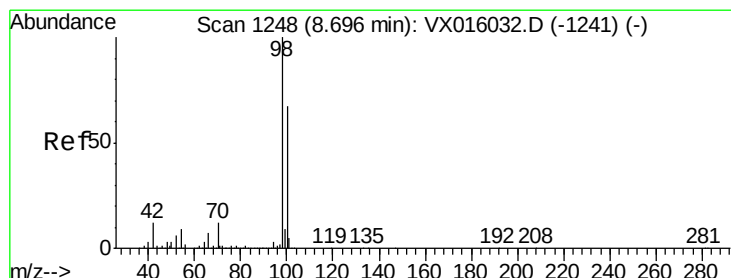
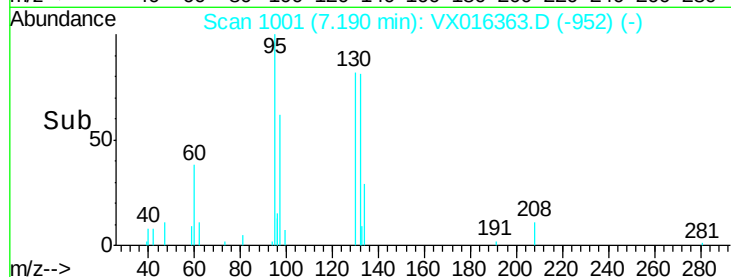
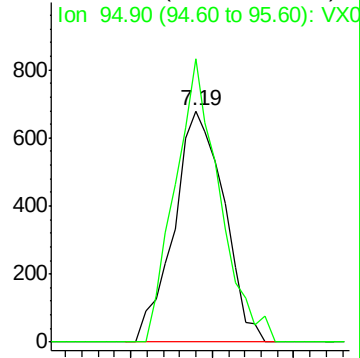
Ion Ratio Lower Upper

130 100

95 122.4 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V



#50

Toluene-d8

Concen: 50.578 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016363.D

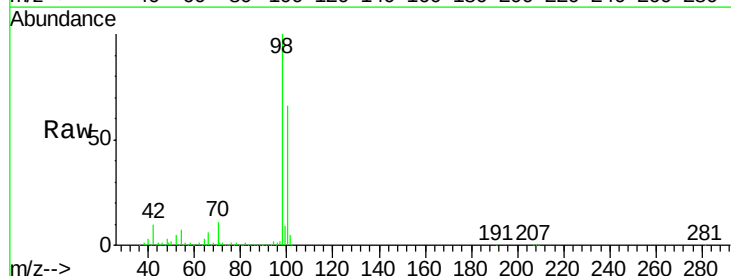
Acq: 20 May 2020 16:22

Tgt Ion: 98 Resp: 513437

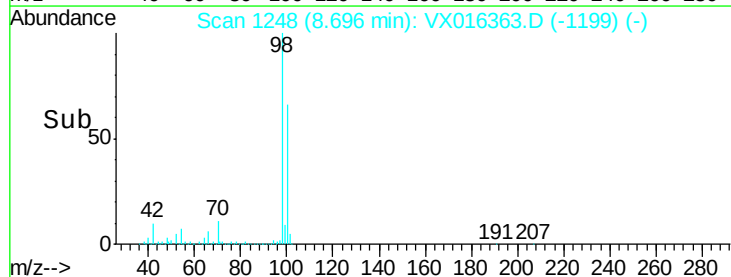
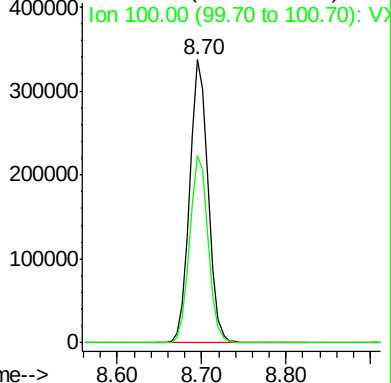
Ion Ratio Lower Upper

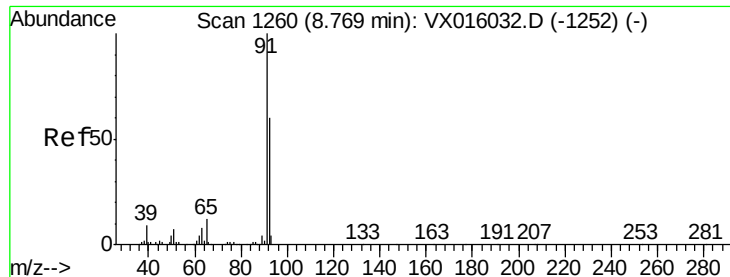
98 100

100 66.5 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0





#52

Toluene

Concen: 0.590 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016363.D

Acq: 20 May 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

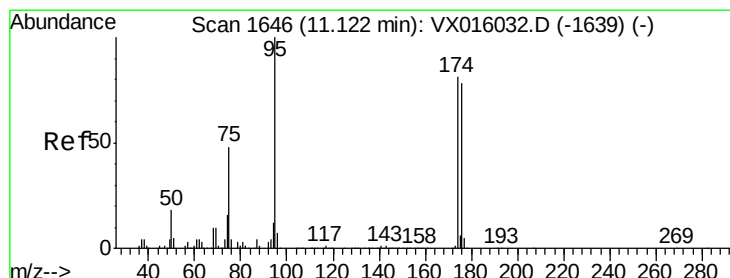
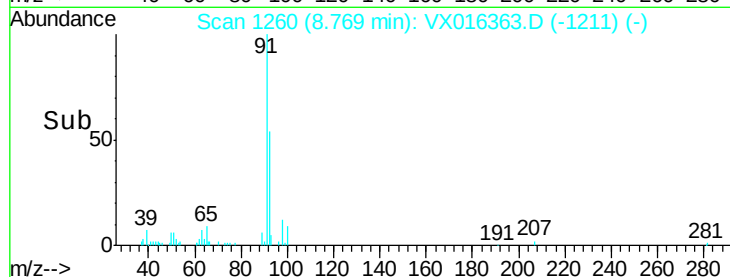
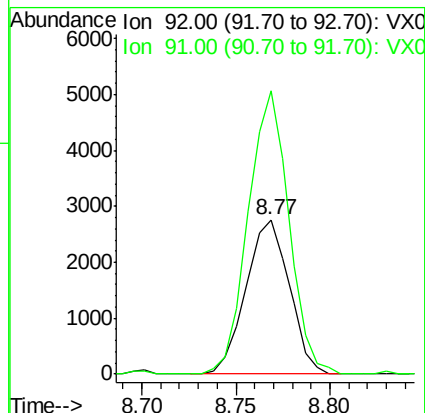
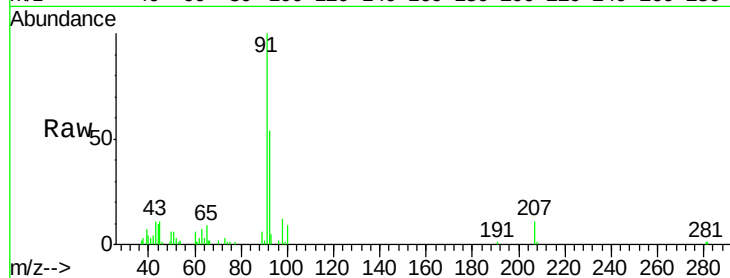
S32-0692

Tot Ion: 92 Resp: 4407

Ion Ratio Lower Upper

92 100

91 171.8 134.5 201.7



#62

4-Bromofluorobenzene

Concen: 52.289 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016363.D

Acq: 20 May 2020 16:22

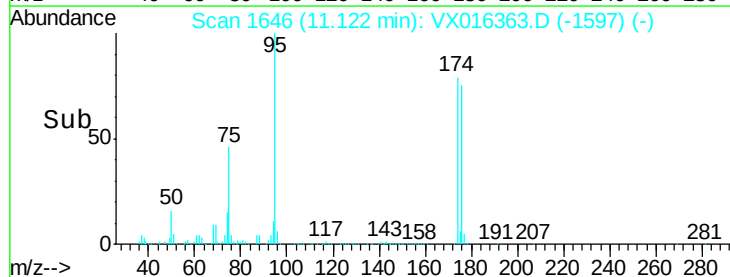
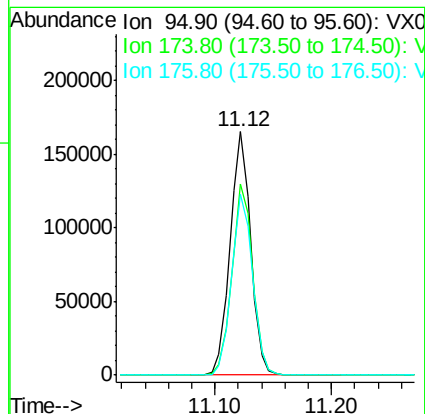
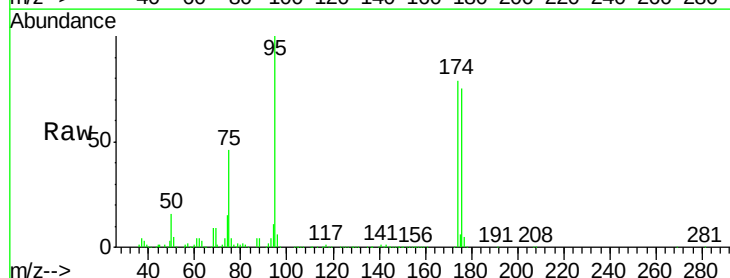
Tgt Ion: 95 Resp: 201892

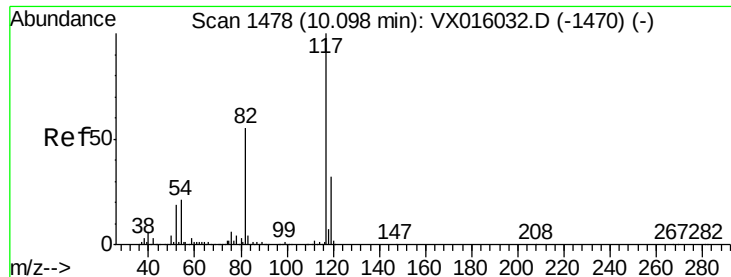
Ion Ratio Lower Upper

95 100

174 79.8 0.0 159.4

176 76.4 0.0 157.6

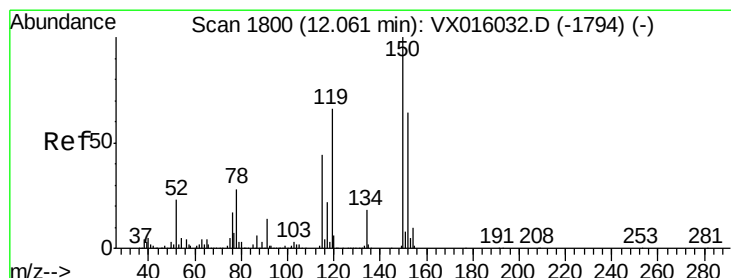
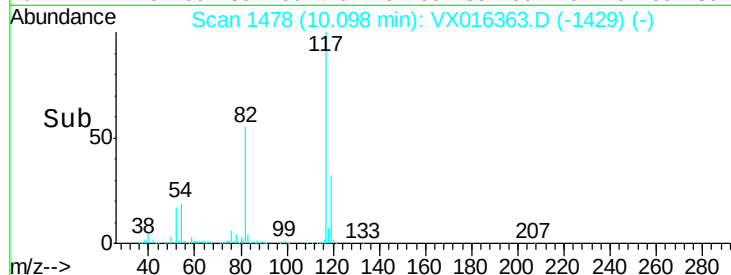
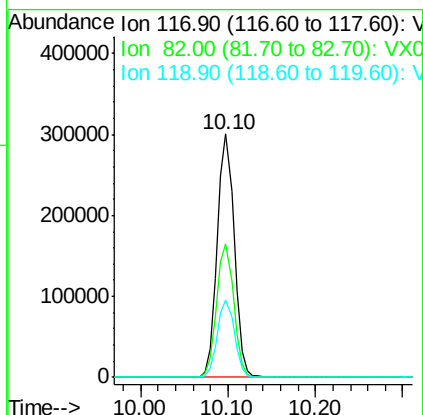
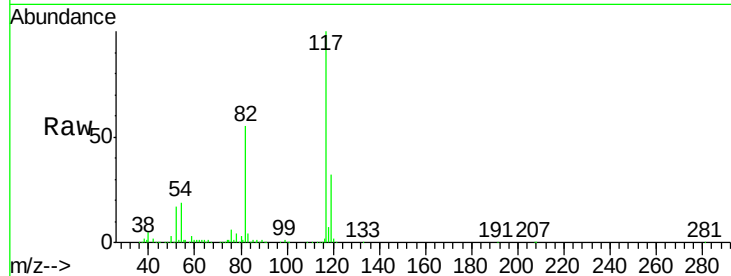




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016363.D
Acq: 20 May 2020 16:22

Instrument :
MSVOA_X
ClientSampleId :
S32-0692

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.4	66.6
119	31.9	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1801
Delta R.T. 0.01 min
Lab File: VX016363.D
Acq: 20 May 2020 16:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	41.3	124.1
150	156.6	0.0	352.2

