

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092619\
 Data File : VX012674.D
 Acq On : 26 Sep 2019 15:16
 Operator : JC/SP
 Sample : K5048-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0526

Quant Time: Sep 27 00:36:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

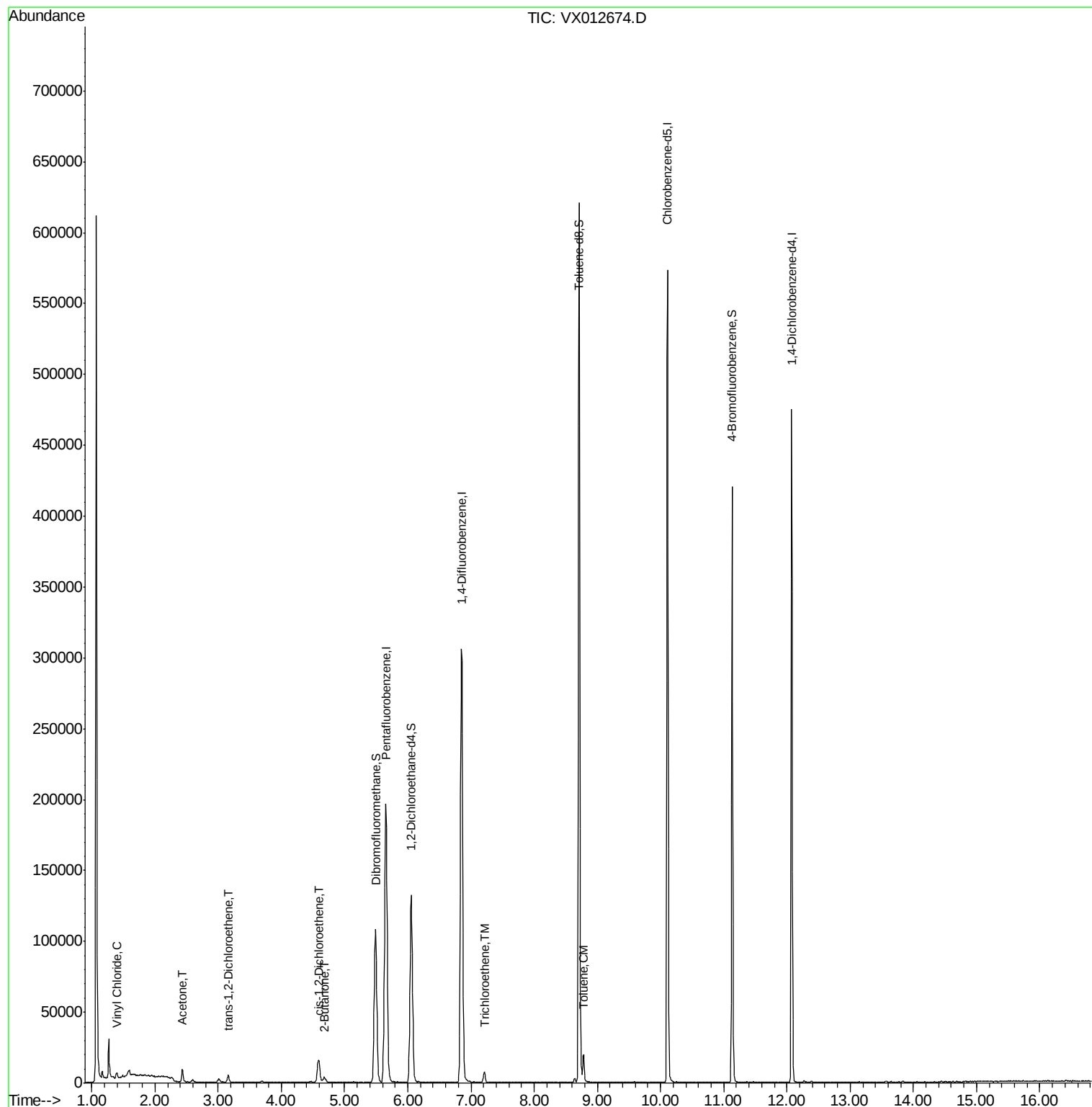
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	174126	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	301468	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	87893	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	130215	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
35) Dibromofluoromethane	5.49	113	92775	51.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.34%	
50) Toluene-d8	8.71	98	360302	52.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.22%	
62) 4-Bromofluorobenzene	11.14	95	121238	44.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.20%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	2424	1.084	ug/l	93
16) Acetone	2.43	43	9383	6.986	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	2283	1.101	ug/l #	93
25) 2-Butanone	4.67	43	4181	2.171	ug/l #	87
27) cis-1,2-Dichloroethene	4.58	96	10347	4.299	ug/l	88
44) Trichloroethene	7.21	130	2798	1.280	ug/l	99
52) Toluene	8.78	92	6954	1.294	ug/l	96

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

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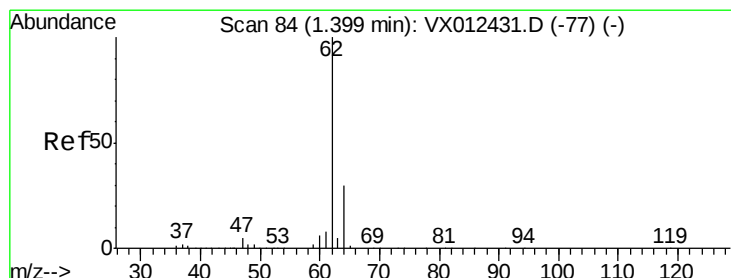
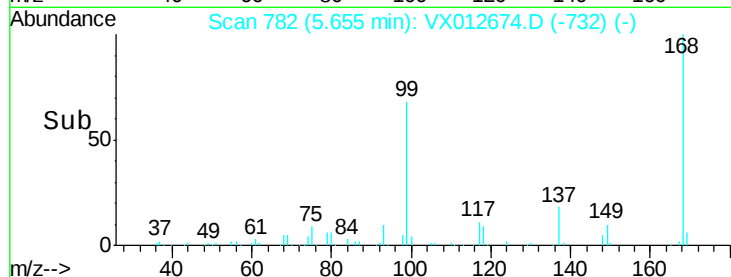
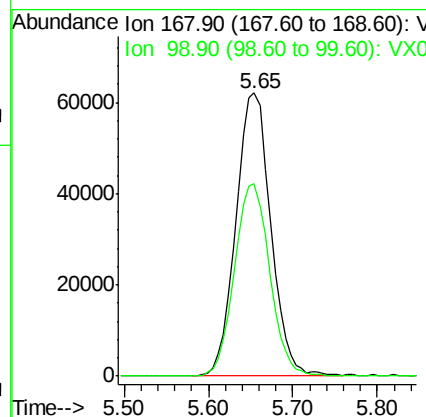
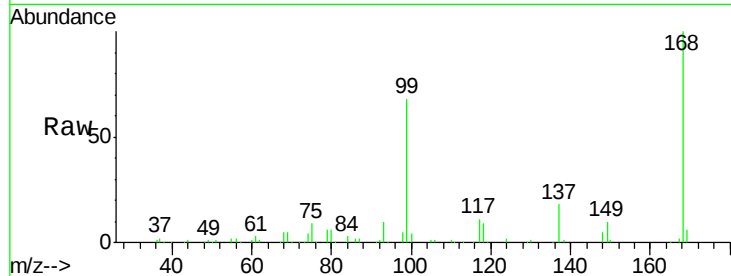




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.01 min
Lab File: VX012674.D
Acq: 26 Sep 2019 15:16

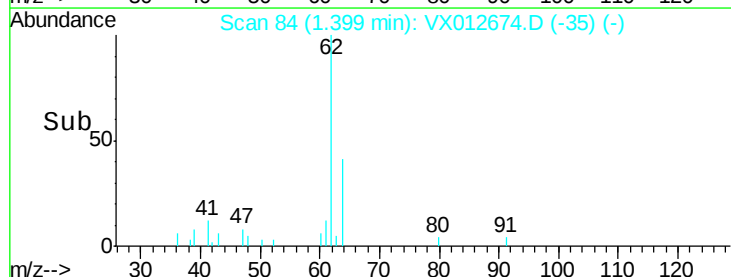
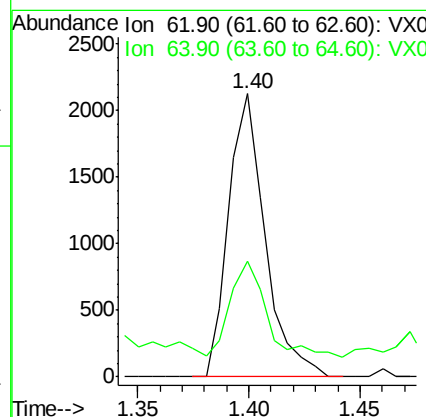
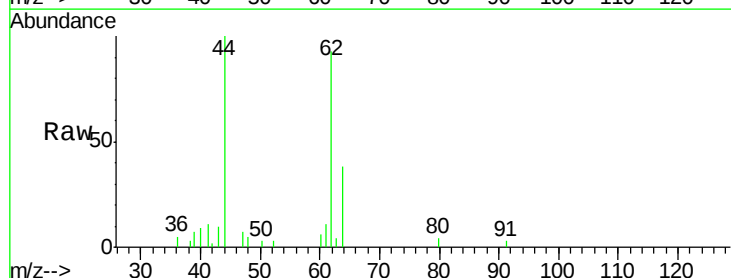
Instrument :
MSVOA_X
ClientSampleId :
S49-0526

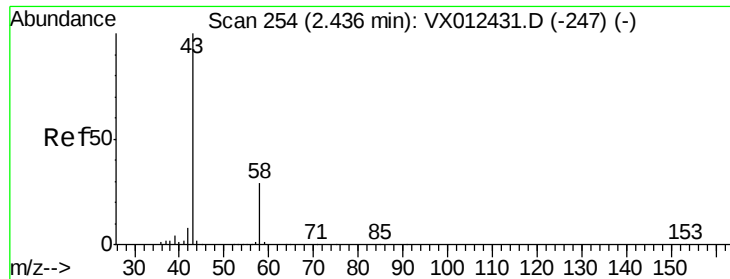
Tot Ion:168 Resp: 174126
Ion Ratio Lower Upper
168 100
99 67.8 51.4 77.2



#4
Vinyl Chloride
Concen: 1.084 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX012674.D
Acq: 26 Sep 2019 15:16

Tgt Ion: 62 Resp: 2424
Ion Ratio Lower Upper
62 100
64 34.0 24.2 36.2





#16

Acetone

Concen: 6.986 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012674.D

Acq: 26 Sep 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

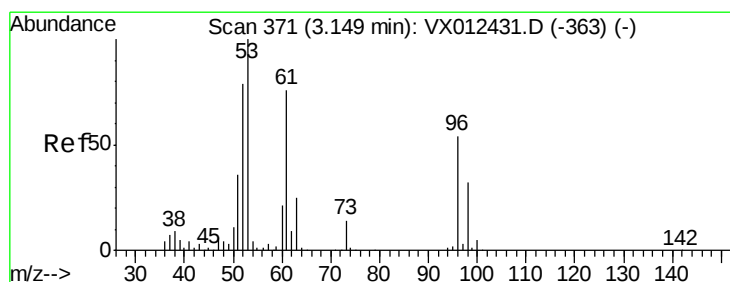
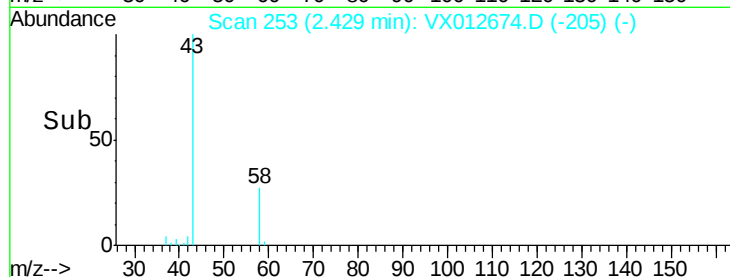
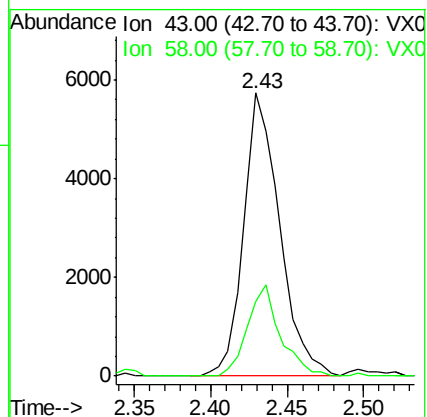
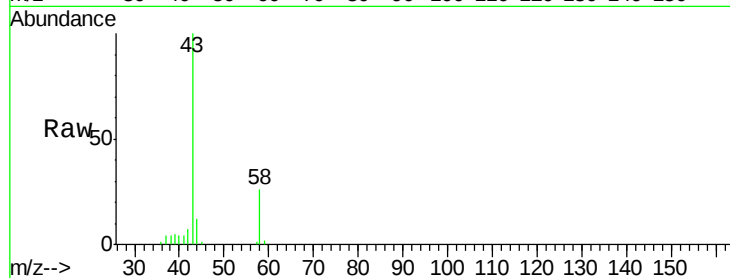
S49-0526

Tot Ion: 43 Resp: 9383

Ion Ratio Lower Upper

43 100

58 26.2 23.3 34.9



#21

trans-1,2-Dichloroethene

Concen: 1.101 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012674.D

Acq: 26 Sep 2019 15:16

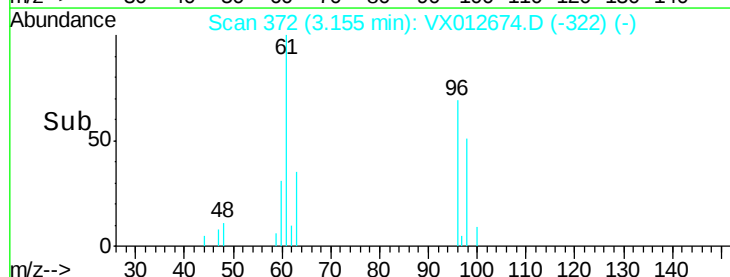
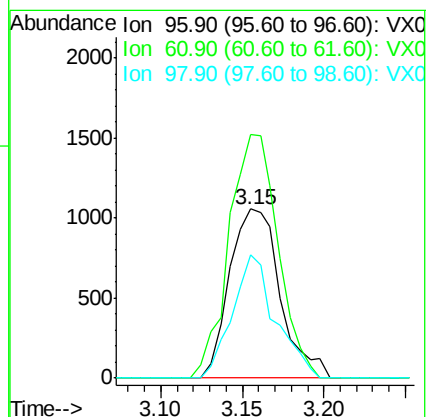
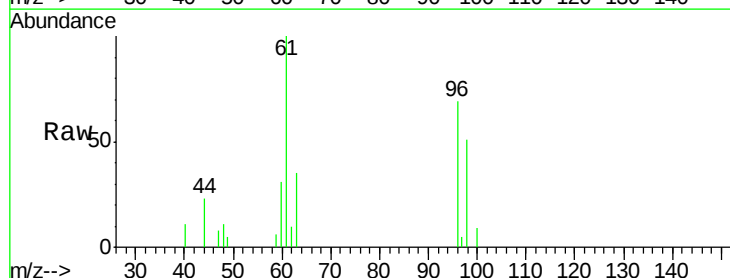
Tgt Ion: 96 Resp: 2283

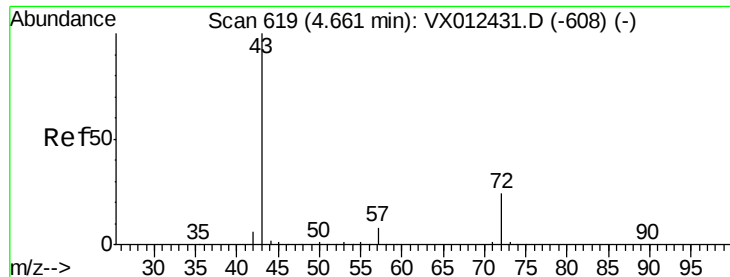
Ion Ratio Lower Upper

96 100

61 143.9 112.0 168.0

98 72.8 47.8 71.8#





#25

2-Butanone

Concen: 2.171 ug/l

RT: 4.67 min Scan# 621

Delta R.T. 0.01 min

Lab File: VX012674.D

Acq: 26 Sep 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

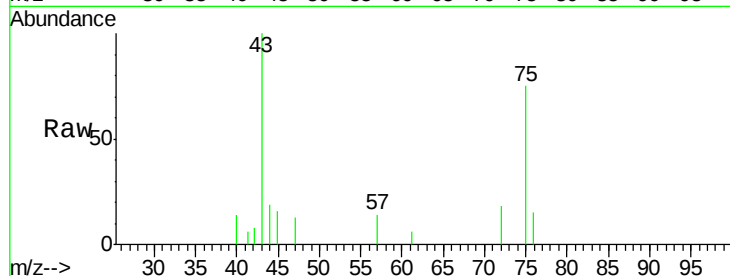
S49-0526

Tot Ion: 43 Resp: 4181

Ion Ratio Lower Upper

43 100

72 17.7 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

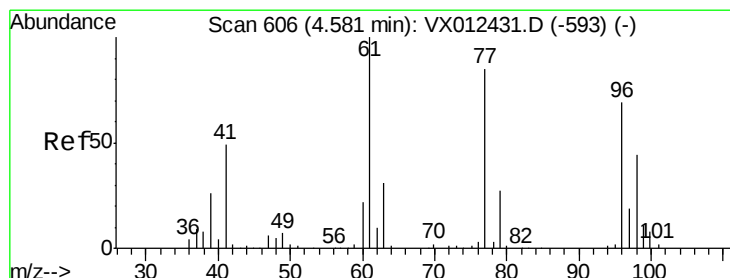
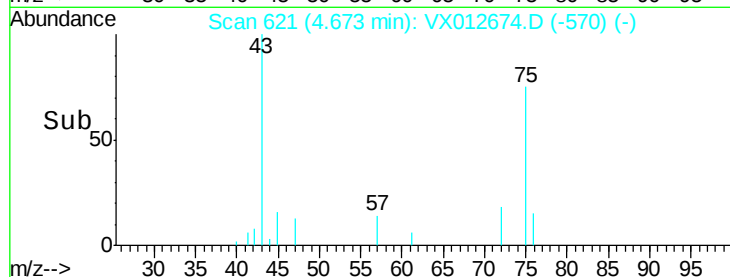
1500

1000

500

0

Time-->



#27

cis-1,2-Dichloroethene

Concen: 4.299 ug/l

RT: 4.58 min Scan# 606

Delta R.T. 0.00 min

Lab File: VX012674.D

Acq: 26 Sep 2019 15:16

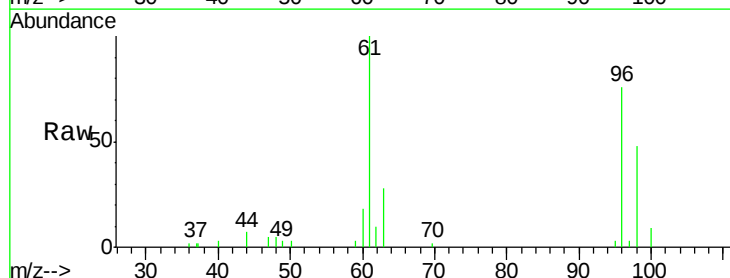
Tgt Ion: 96 Resp: 10347

Ion Ratio Lower Upper

96 100

61 136.7 0.0 319.4

98 65.3 0.0 130.6



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

4.58

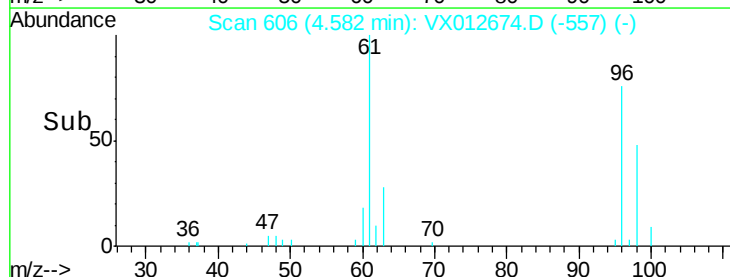
6000

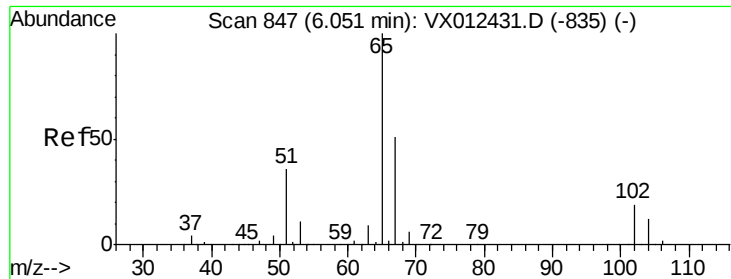
4000

2000

0

Time-->

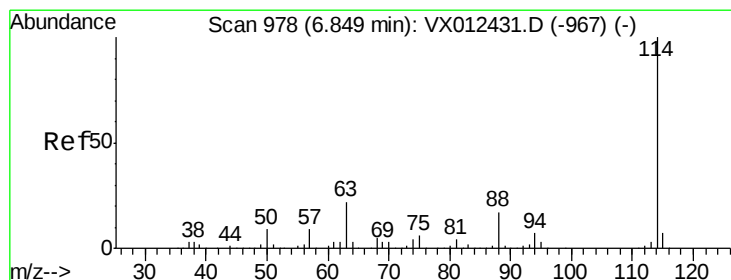
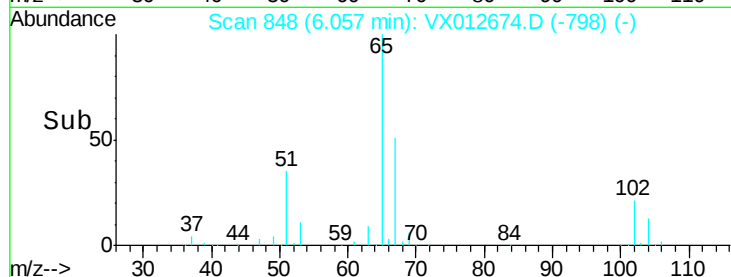
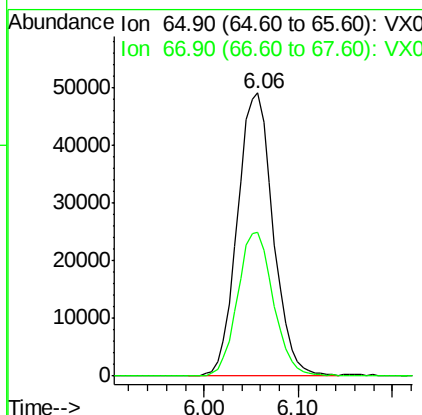
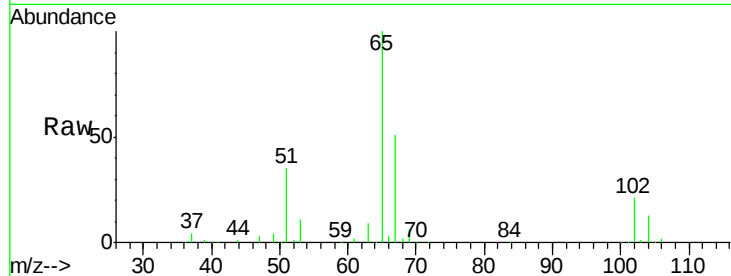




#33
 1,2-Dichloroethane-d4
 Concen: 51.354 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012674.D
 Acq: 26 Sep 2019 15:16

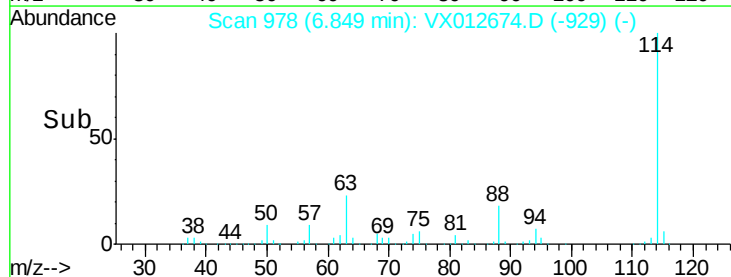
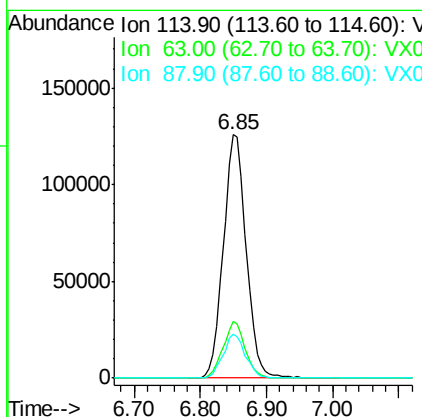
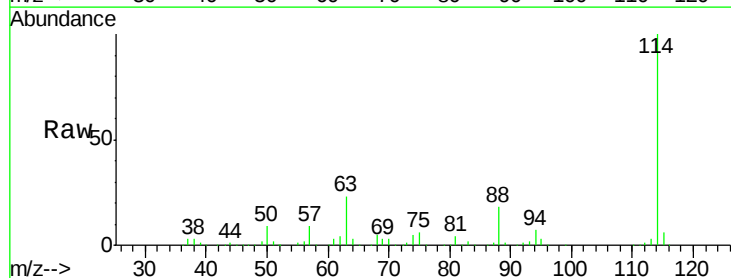
Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0526

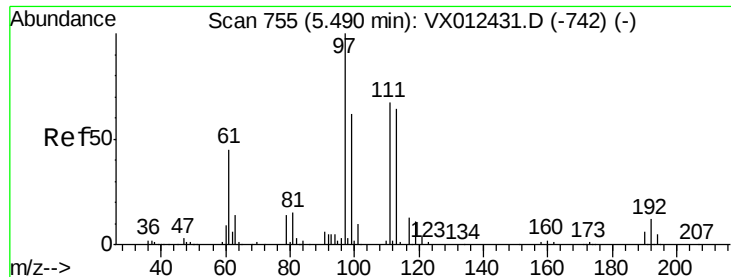
Tot Ion: 65 Resp: 130215
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012674.D
 Acq: 26 Sep 2019 15:16

Tgt Ion: 114 Resp: 301468
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 43.2
 88 17.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.675 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012674.D

Acq: 26 Sep 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

S49-0526

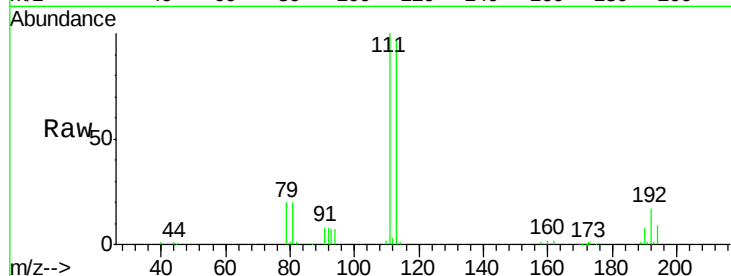
Tot Ion:113 Resp: 92775

Ion Ratio Lower Upper

113 100

111 103.8 83.4 125.2

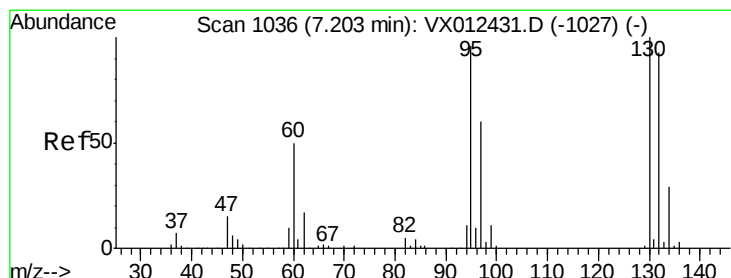
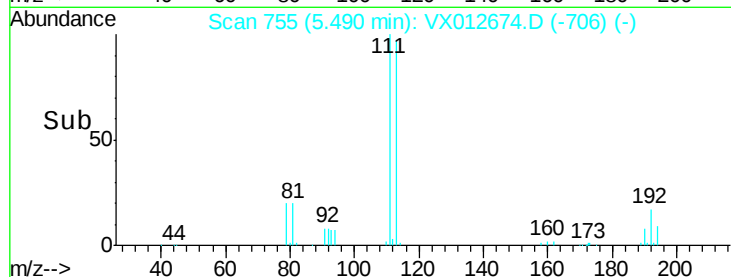
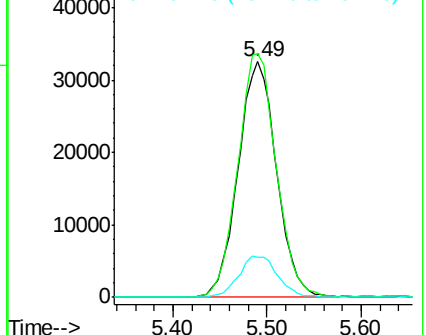
192 17.8 14.4 21.6



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



#44

Trichloroethene

Concen: 1.280 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012674.D

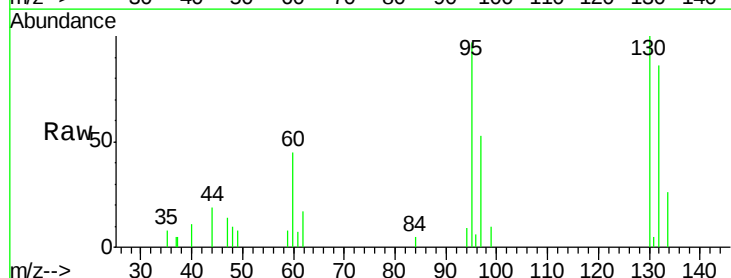
Acq: 26 Sep 2019 15:16

Tgt Ion:130 Resp: 2798

Ion Ratio Lower Upper

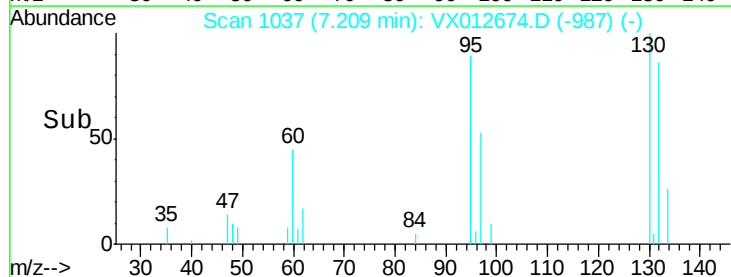
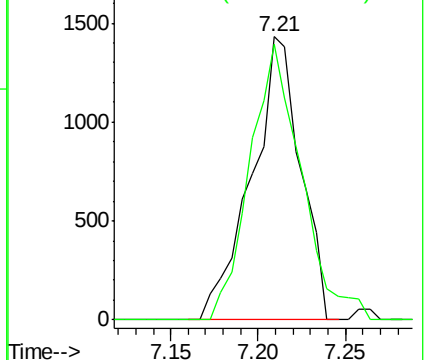
130 100

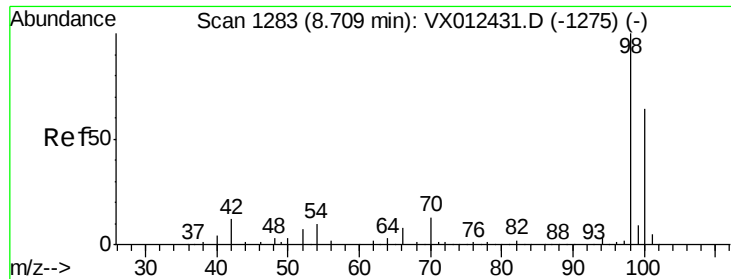
95 97.2 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

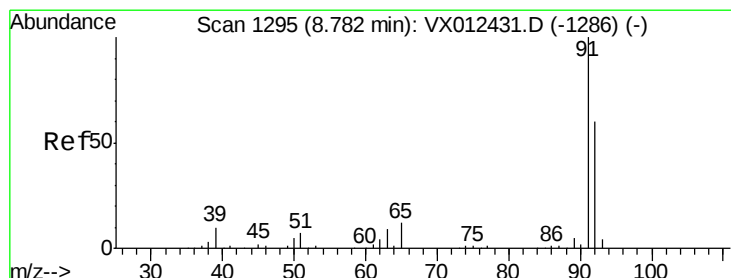
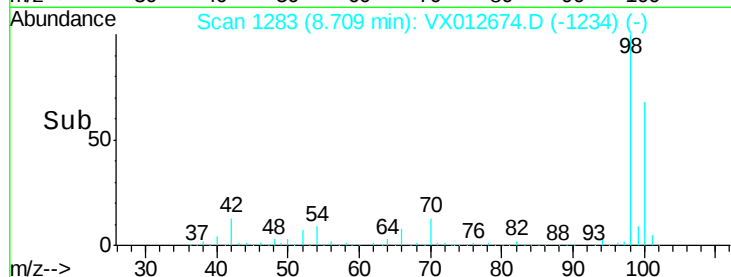
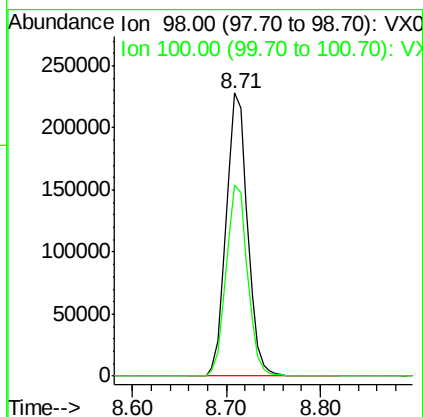
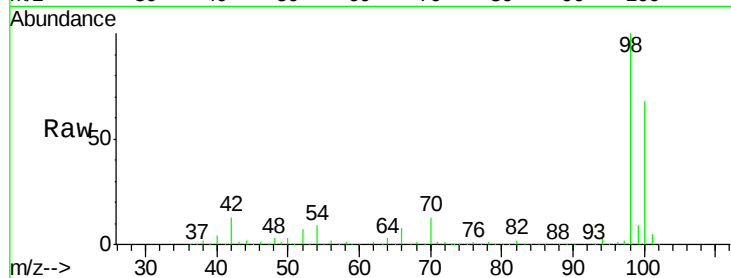




#50
Toluene-d8
Concen: 52.111 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012674.D
Acq: 26 Sep 2019 15:16

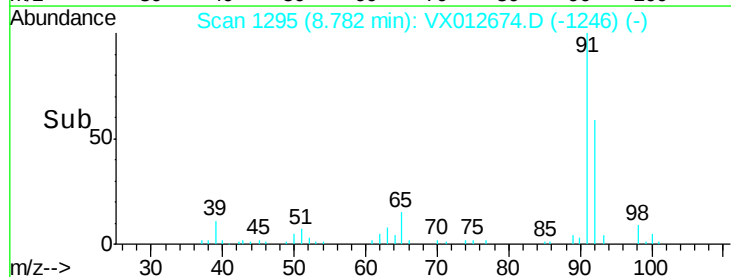
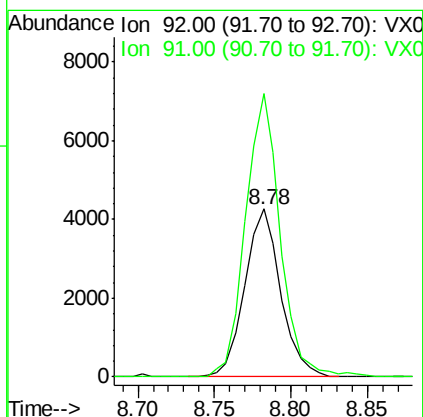
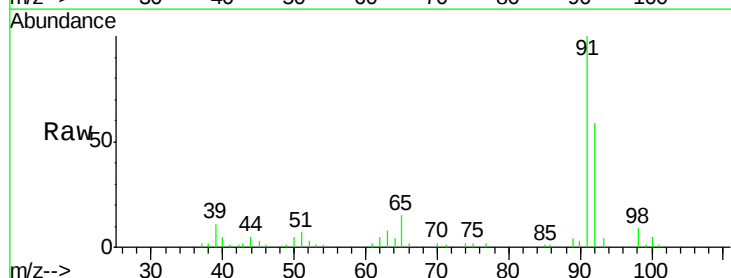
Instrument :
MSVOA_X
ClientSampled :
S49-0526

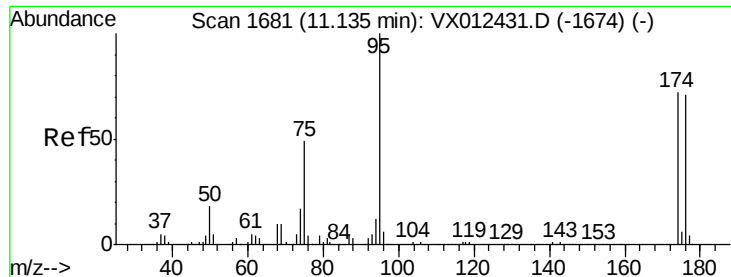
Tot Ion: 98 Resp: 360302
Ion Ratio Lower Upper
98 100
100 67.7 53.4 80.2



#52
Toluene
Concen: 1.294 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX012674.D
Acq: 26 Sep 2019 15:16

Tgt Ion: 92 Resp: 6954
Ion Ratio Lower Upper
92 100
91 163.2 135.4 203.0





#62

4-Bromofluorobenzene

Concen: 44.595 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012674.D

Acq: 26 Sep 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

S49-0526

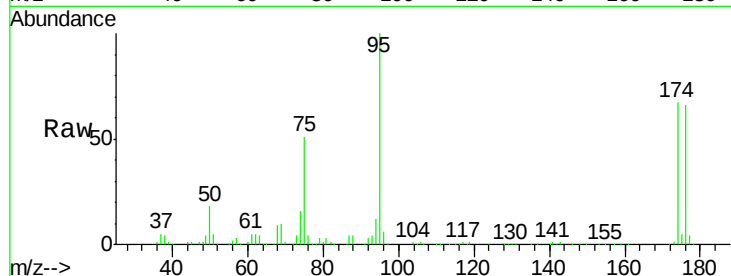
Tot Ion: 95 Resp: 121238

Ion Ratio Lower Upper

95 100

174 64.7 0.0 140.0

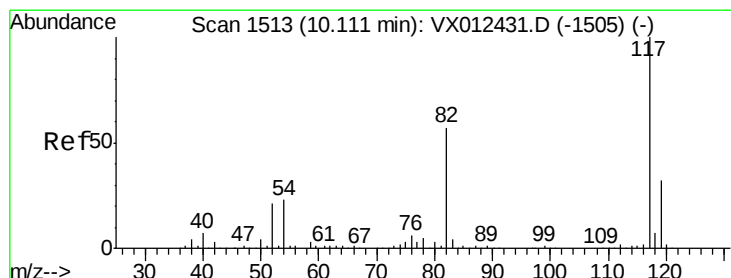
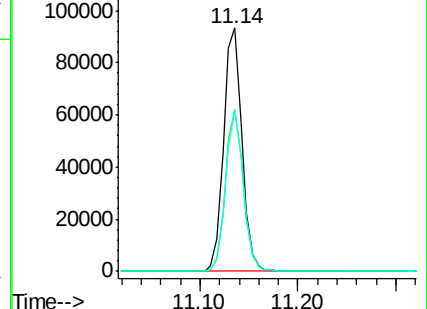
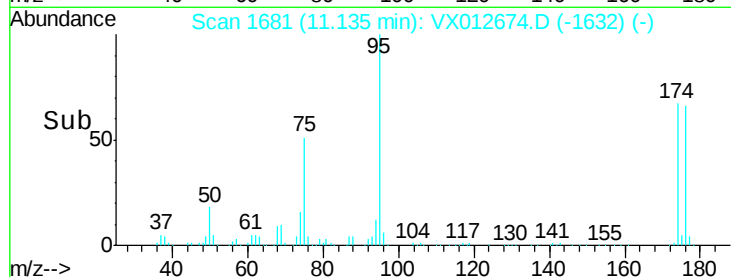
176 64.0 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX012674.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012674.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012674.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012674.D

Acq: 26 Sep 2019 15:16

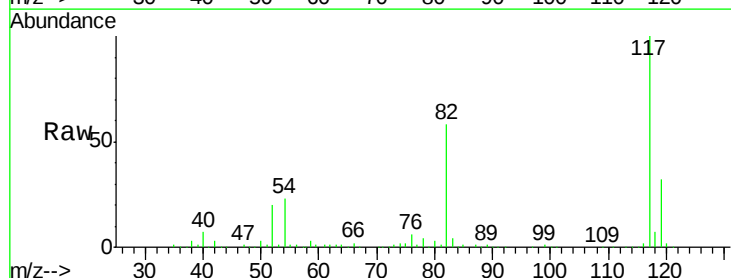
Tgt Ion: 117 Resp: 245798

Ion Ratio Lower Upper

117 100

82 58.1 45.9 68.9

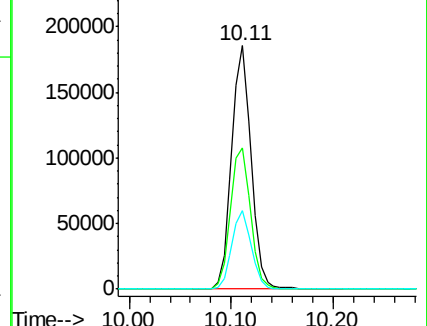
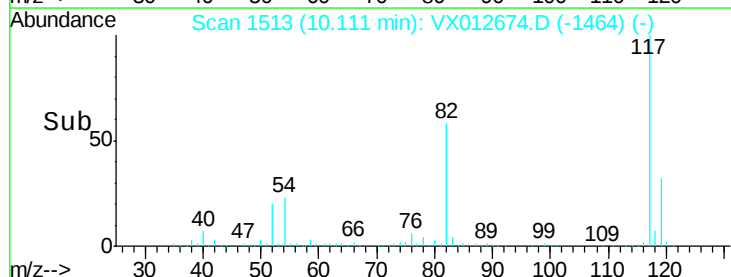
119 32.1 25.3 37.9

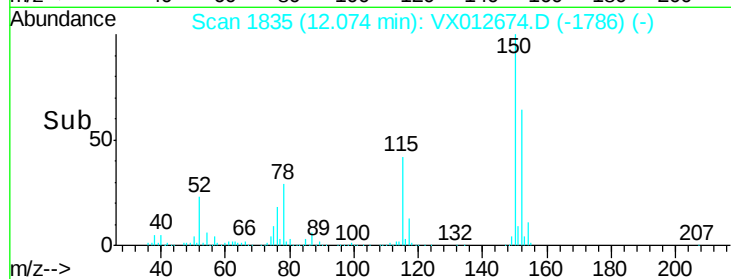
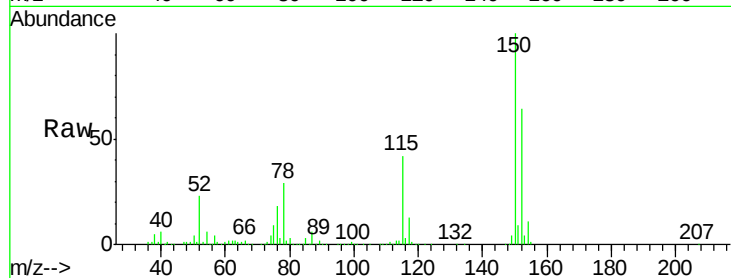
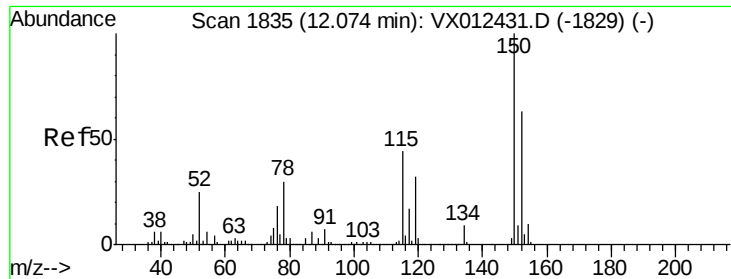


Abundance Ion 116.90 (116.60 to 117.60): VX012674.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012674.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012674.D (-1464) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012674.D

Acq: 26 Sep 2019 15:16

Instrument :

MSVOA_X

ClientSampleId :

S49-0526

Tot Ion:152 Resp: 87893

Ion Ratio Lower Upper

152 100

115 65.5 44.1 132.3

150 157.0 0.0 343.8

