

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012499.D
 Acq On : 19 Sep 2019 01:54
 Operator : JC/SP
 Sample : K4858-25
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D5-20190911

Manual Integrations
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 9/19/2019 1:06:38 PM

Quant Time: Sep 19 08:48:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	195799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	302391	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	92211	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	127761	45.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.06%	
35) Dibromofluoromethane	5.49	113	92014	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
50) Toluene-d8	8.71	98	340354	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
62) 4-Bromofluorobenzene	11.14	95	117627	41.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.64%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	3047	2.705	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	21373	13.851	ug/l	99
12) 1,1-Dichloroethene	2.36	96	4346	3.530	ug/l	88
27) cis-1,2-Dichloroethene	4.58	96	3836	2.009	ug/l	85
30) Chloroform	5.20	83	3758	1.019	ug/l	91
32) 1,1,1-Trichloroethane	5.48	97	1506	0.489	ug/l #	47
38) Carbon Tetrachloride	5.78	117	2368	1.036	ug/l #	80
44) Trichloroethene	7.21	130	231039	150.288	ug/l	97
49) 1,4-Dioxane	7.74	88	1251m	21.536	ug/l	
55) 1,1,2-Trichloroethane	9.21	97	1099	0.566	ug/l #	85

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

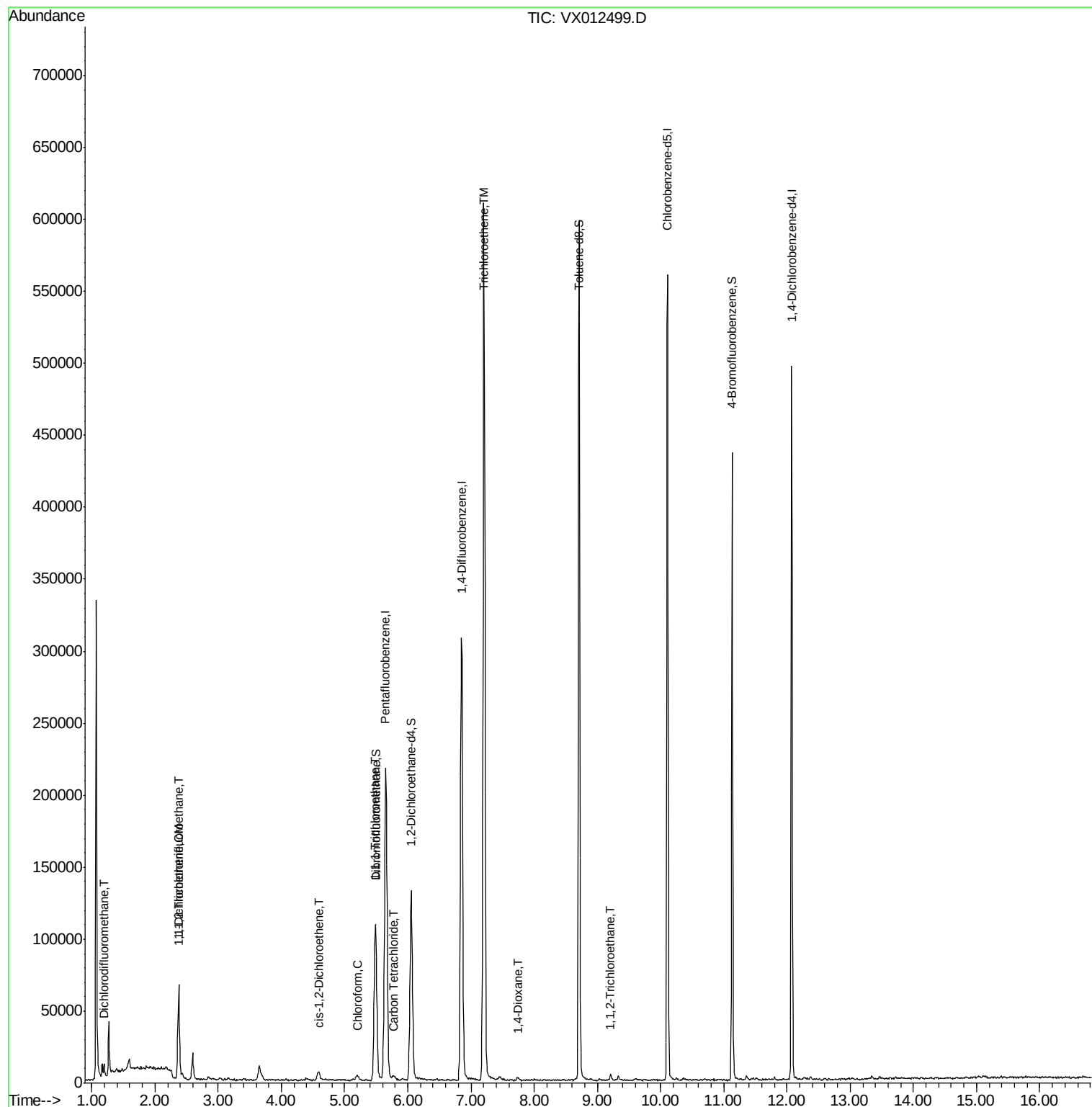
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091819\
Data File : VX012499.D
Acq On : 19 Sep 2019 01:54
Operator : JC/SP
Sample : K4858-25
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ALS Vial : 41 Sample Multiplier: 1

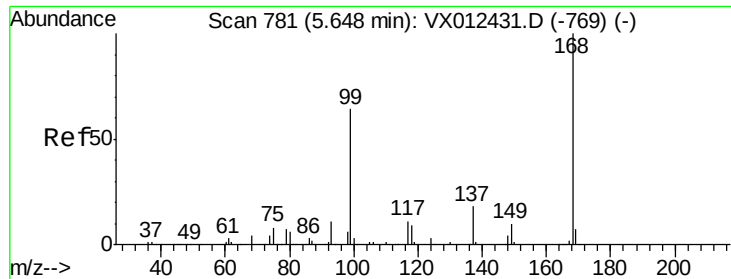
Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911

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Quant Time: Sep 19 08:48:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012499.D

Acq: 19 Sep 2019 01:54

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20190911

Tot Ion:168 Resp: 195799

Ion Ratio Lower Upper

168 100

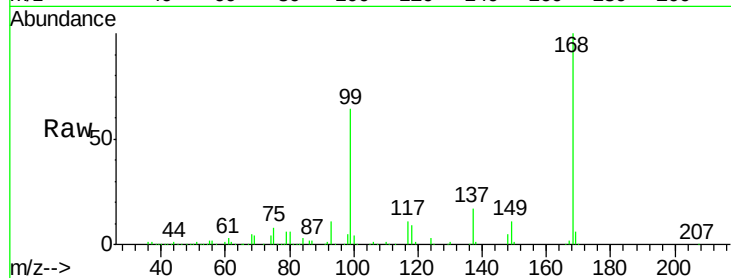
99 63.8 51.4 77.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

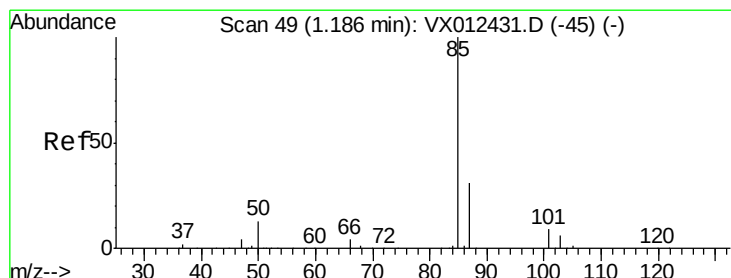
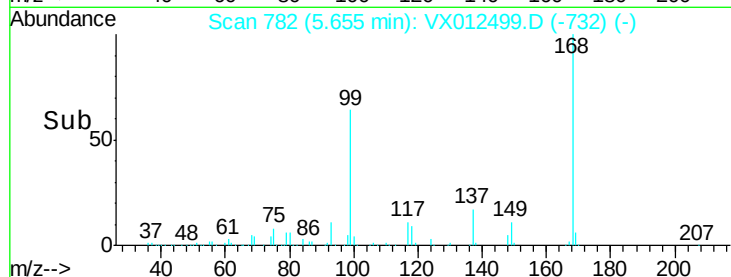
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 2.705 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012499.D

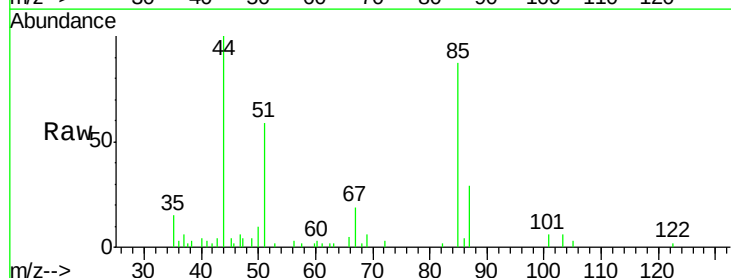
Acq: 19 Sep 2019 01:54

Tgt Ion: 85 Resp: 3047

Ion Ratio Lower Upper

85 100

87 33.3 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

3000

2500

2000

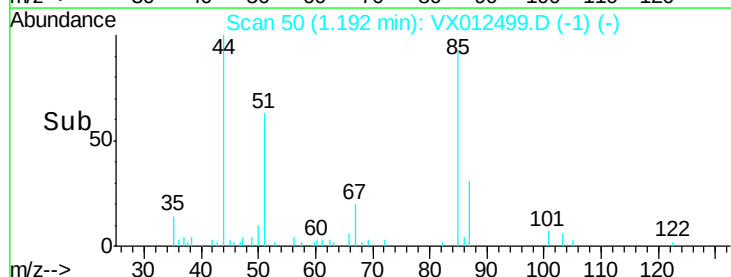
1500

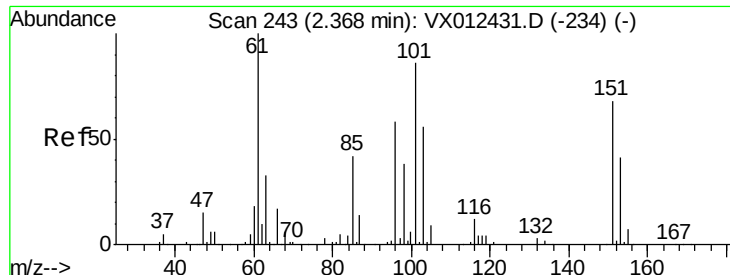
1000

500

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 13.851 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012499.D

Acq: 19 Sep 2019 01:54

Instrument :

MSVOA_X

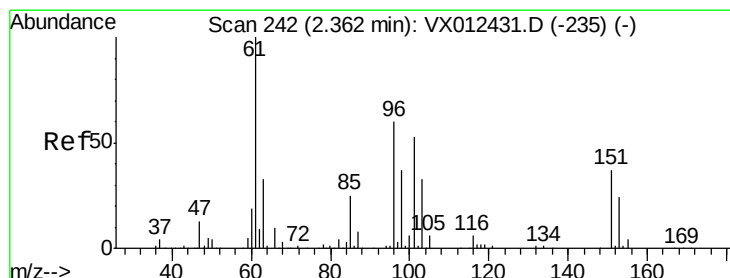
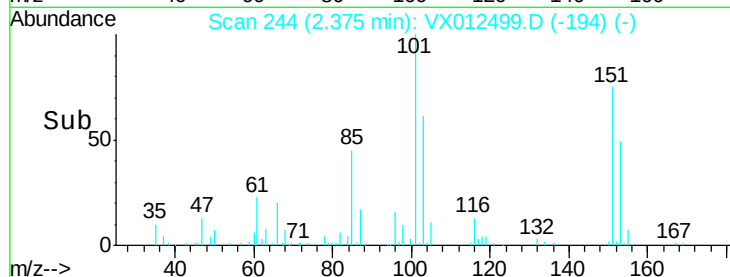
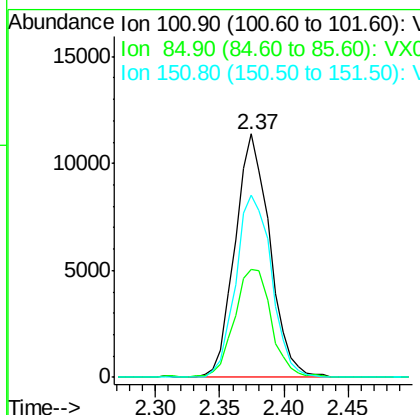
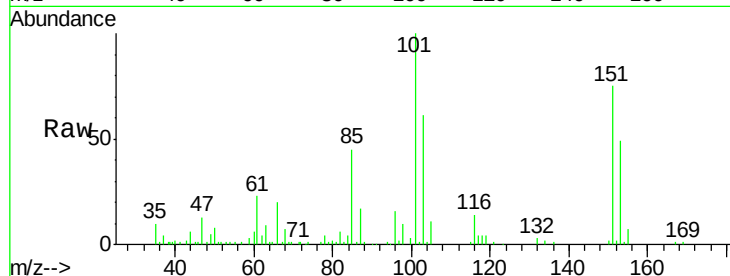
ClientSampleId :

RE132D5-20190911

Tot Ion:	101	Resp:	21373
Ion Ratio	Lower	Upper	
101	100		
85	47.1	37.3	55.9
151	76.7	61.0	91.4

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#12

1,1-Dichloroethene

Concen: 3.530 ug/l

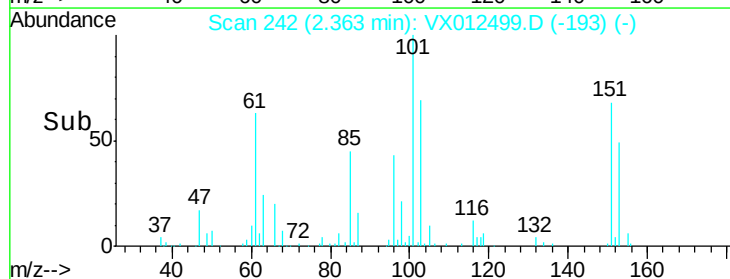
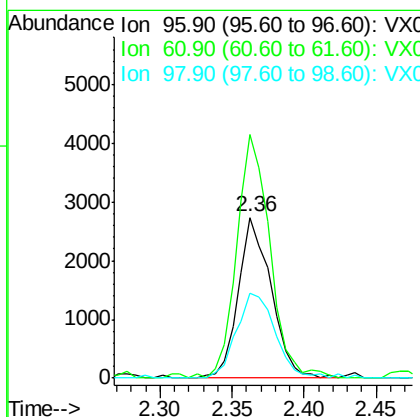
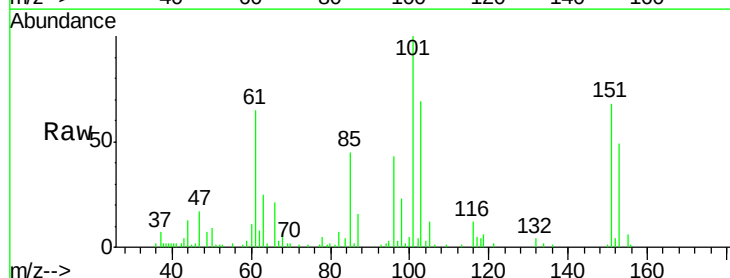
RT: 2.36 min Scan# 242

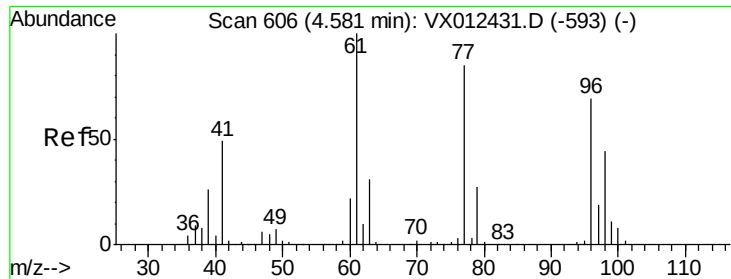
Delta R.T. 0.00 min

Lab File: VX012499.D

Acq: 19 Sep 2019 01:54

Tgt Ion:	96	Resp:	4346
Ion Ratio	Lower	Upper	
96	100		
61	151.4	133.8	200.6
98	52.9	49.9	74.9





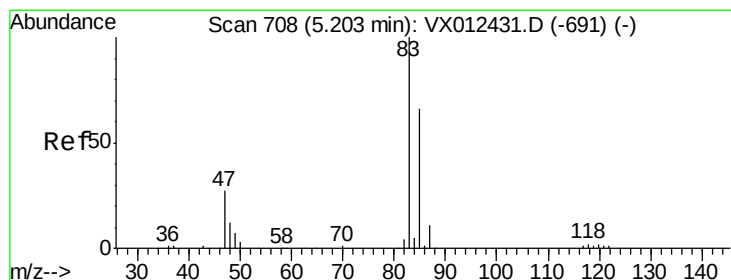
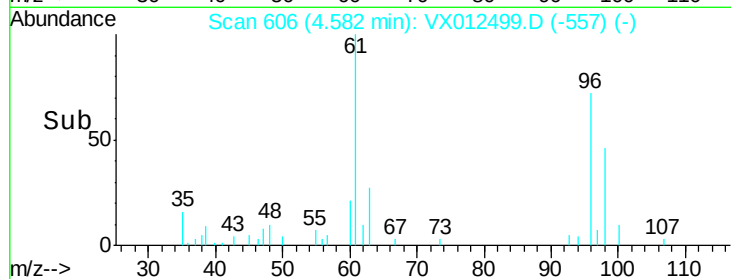
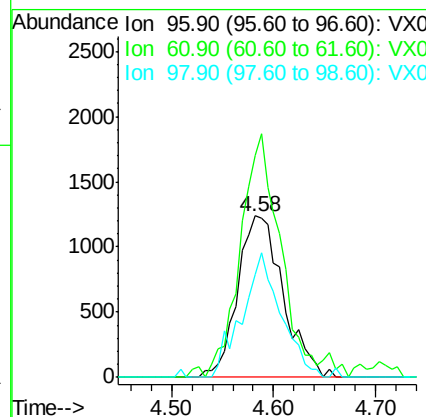
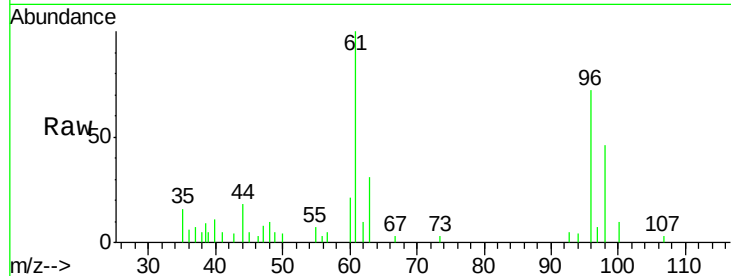
#27
 cis-1,2-Dichloroethene
 Concen: 2.009 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX012499.D
 Acq: 19 Sep 2019 01:54

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D5-20190911

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.3	0.0	319.4
98	66.3	0.0	130.6

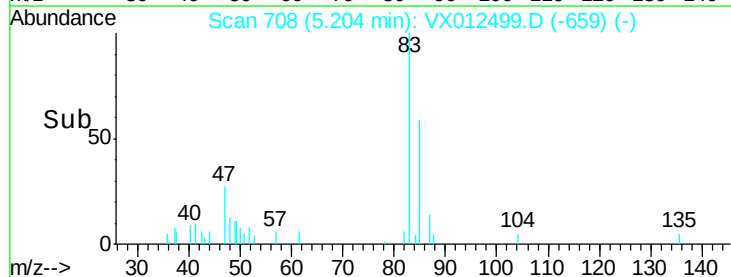
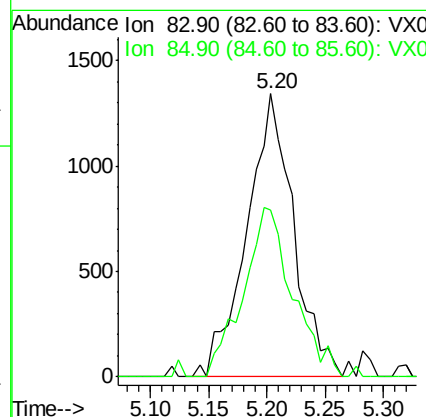
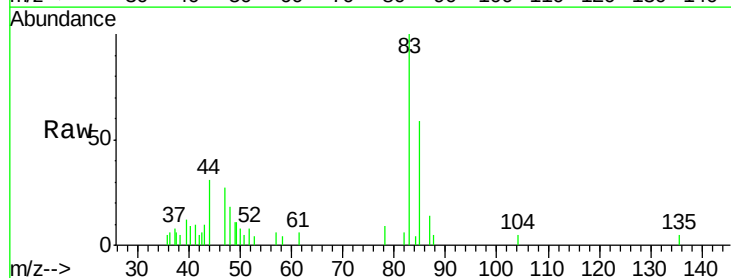
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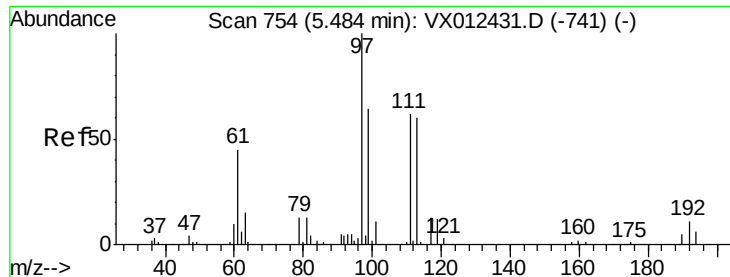
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#30
 Chloroform
 Concen: 1.019 ug/l
 RT: 5.20 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VX012499.D
 Acq: 19 Sep 2019 01:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.9	53.0	79.4





#32

1,1,1-Trichloroethane

Concen: 0.489 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX012499.D

Acq: 19 Sep 2019 01:54

Instrument :

MSVOA_X

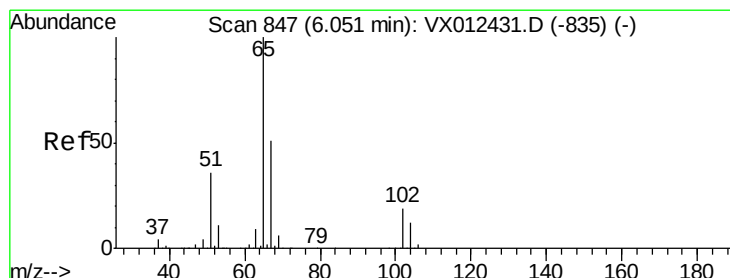
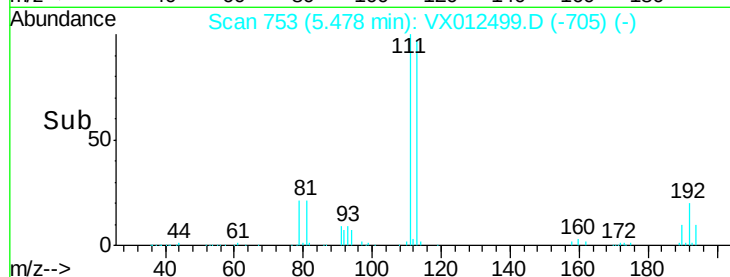
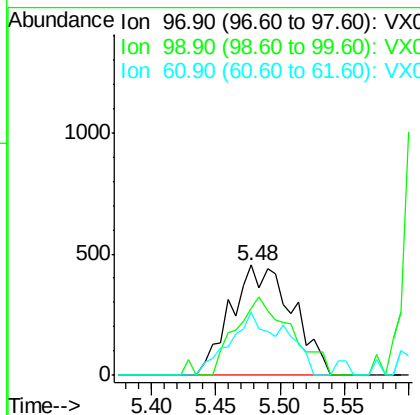
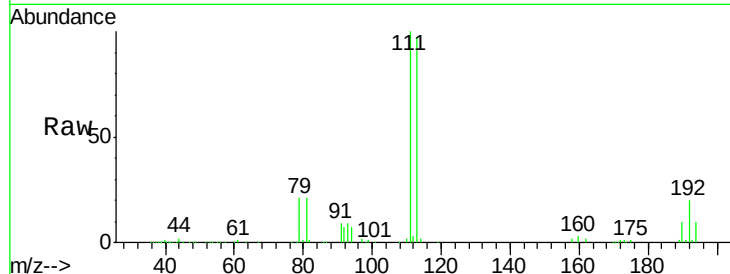
ClientSampleId :

RE132D5-20190911

Tot Ion:	97	Resp:	1506
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.3	76.9#
61	36.7	36.1	54.1

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#33

1,2-Dichloroethane-d4

Concen: 45.528 ug/l

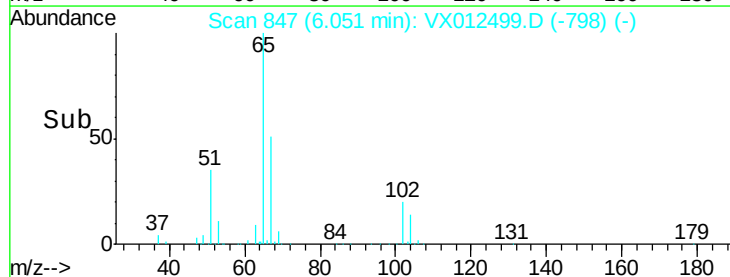
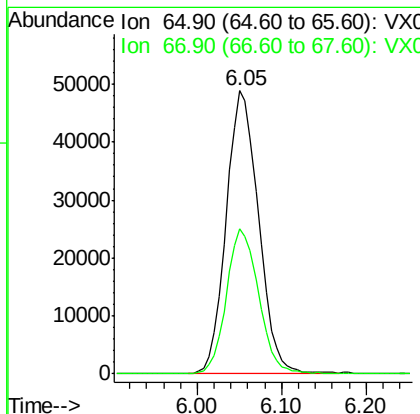
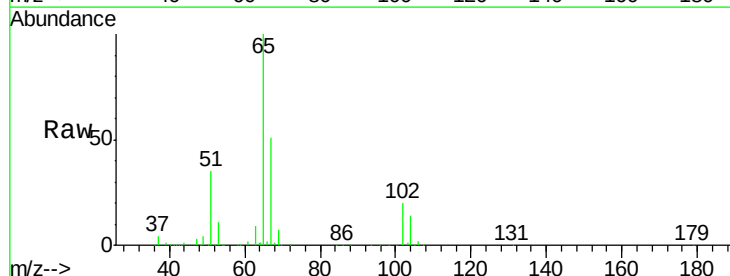
RT: 6.05 min Scan# 847

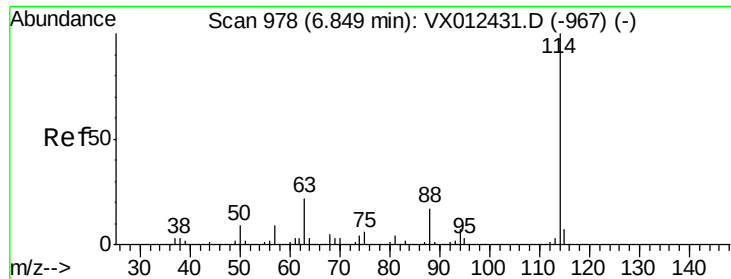
Delta R.T. 0.00 min

Lab File: VX012499.D

Acq: 19 Sep 2019 01:54

Tgt Ion:	65	Resp:	127761
Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	101.2





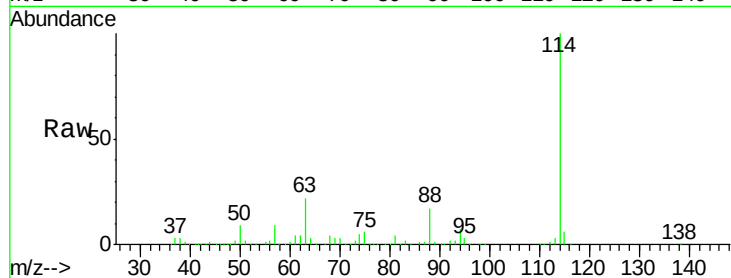
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	22.3	0.0	43.2
88	17.2	0.0	33.2

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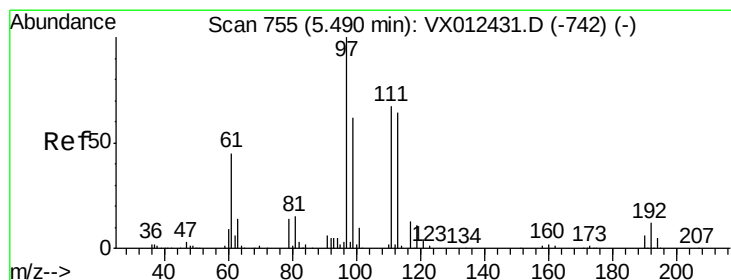
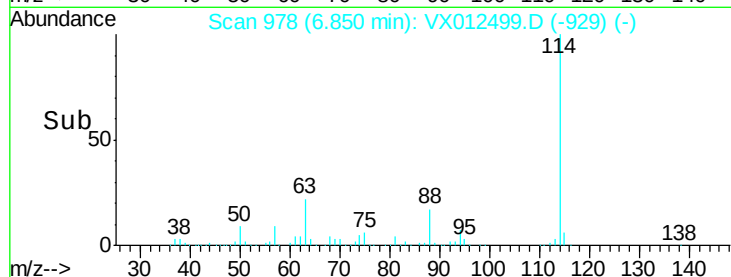
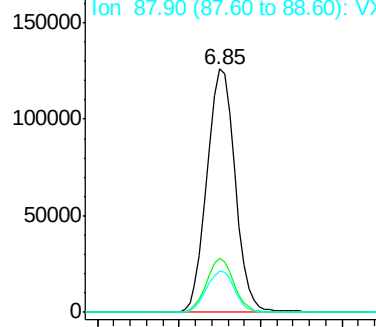
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Abundance Ion 113.90 (113.60 to 114.60): V

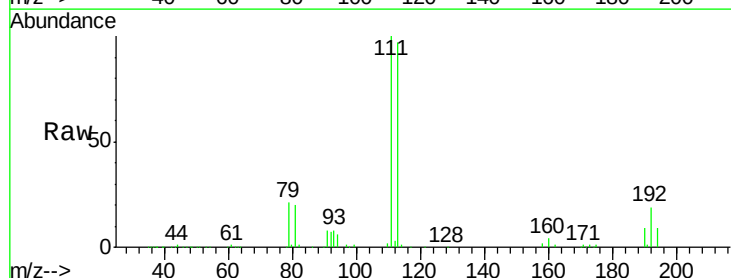
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35
Dibromofluoromethane
Concen: 50.274 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

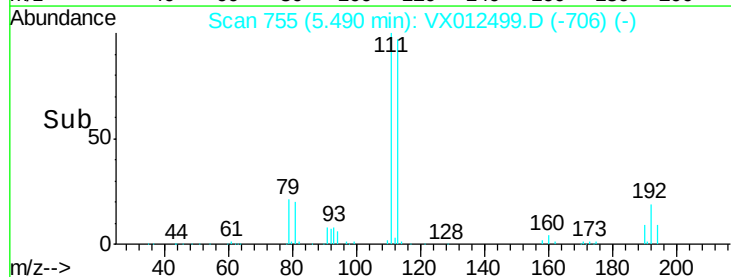
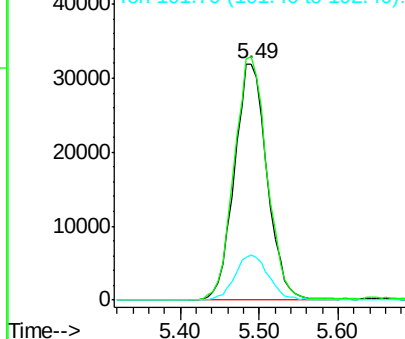
Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	104.0	83.4	125.2
192	19.6	14.4	21.6

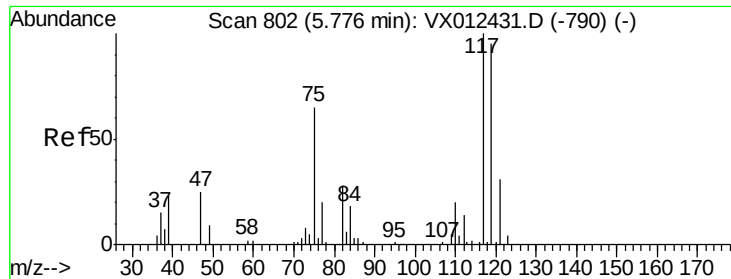


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





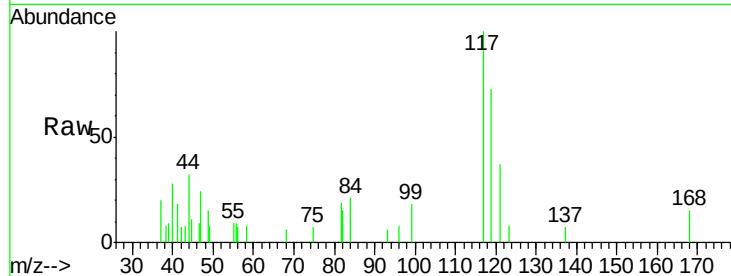
#38
Carbon Tetrachloride
Concen: 1.036 ug/l
RT: 5.78 min Scan# 803
Delta R.T. 0.01 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911

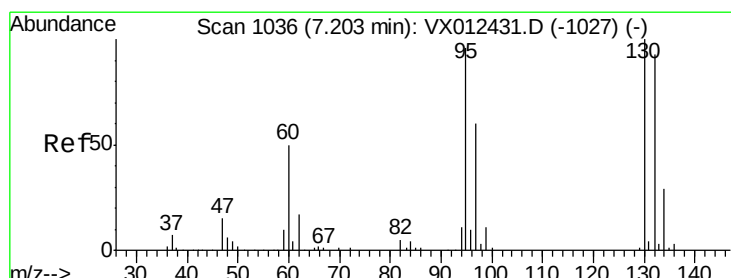
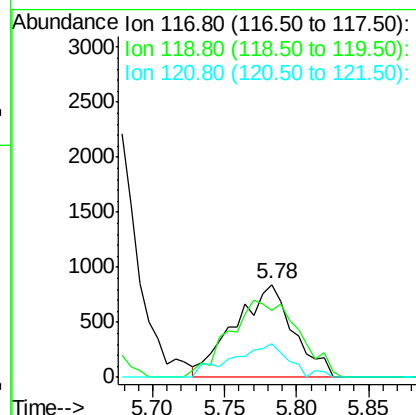
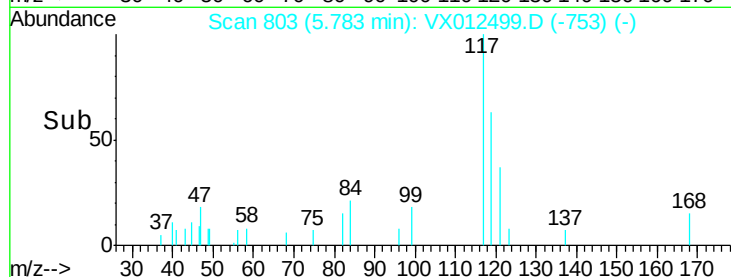
Tot Ion:117 Resp: 2368
Ion Ratio Lower Upper
117 100
119 72.6 75.7 113.5#
121 36.9 24.2 36.4#

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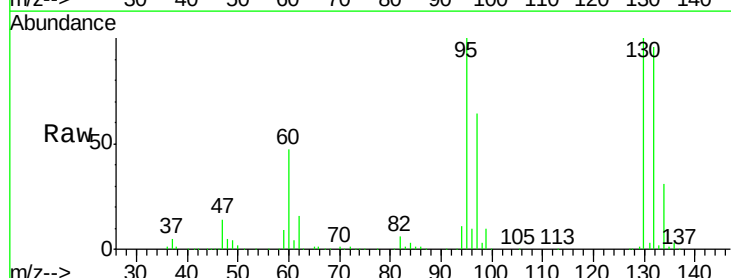


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

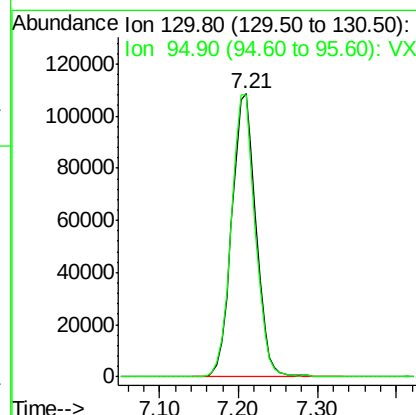
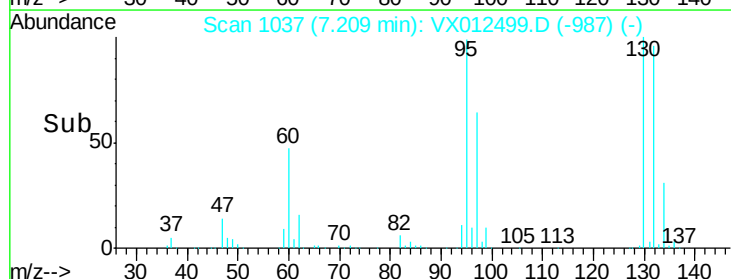


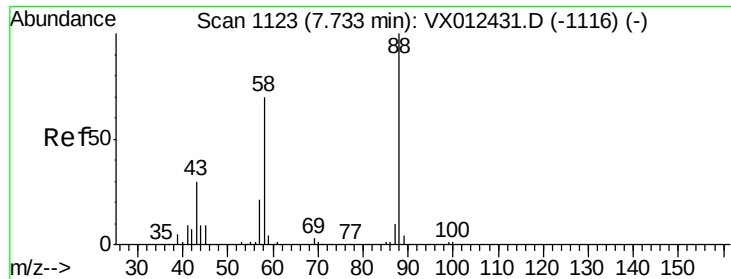
#44
Trichloroethene
Concen: 150.288 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Tgt Ion:130 Resp: 231039
Ion Ratio Lower Upper
130 100
95 99.5 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





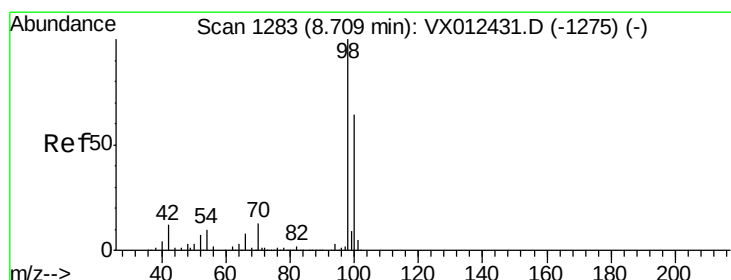
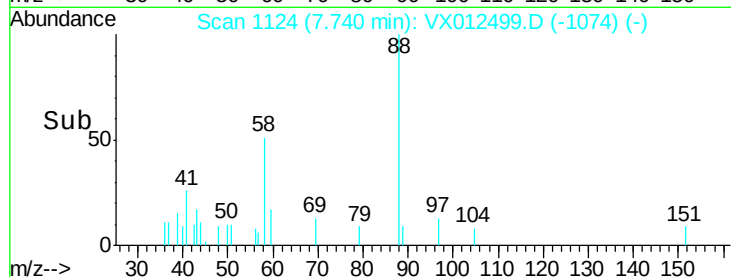
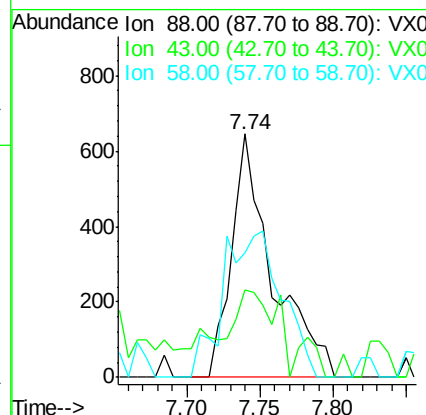
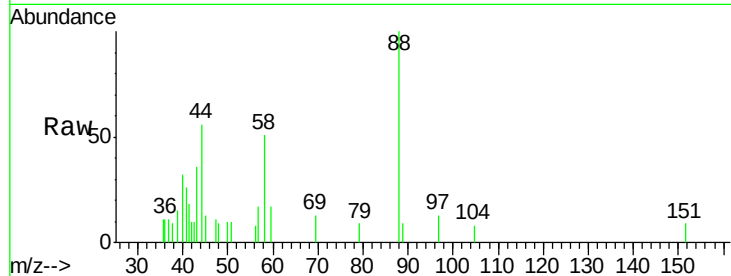
#49
1,4-Dioxane
Concen: 21.536 ug/l m
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911

Tot Ion	Ratio	Lower	Upper
88	100		
43	1.8	29.4	44.0#
58	3.9	57.5	86.3#

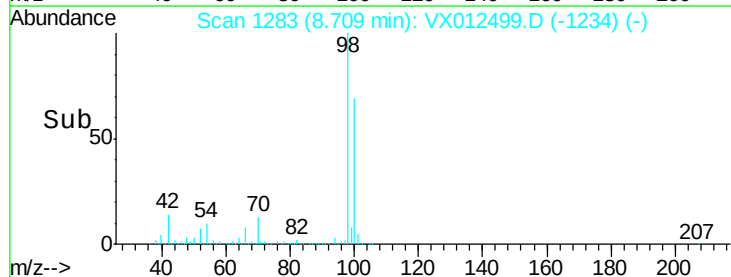
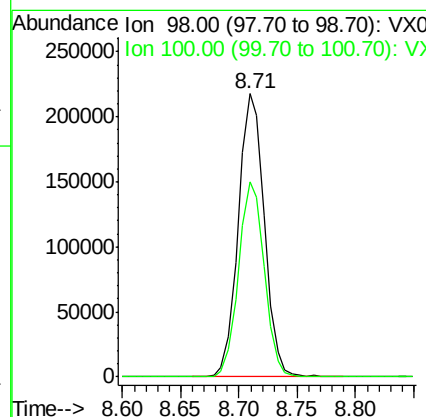
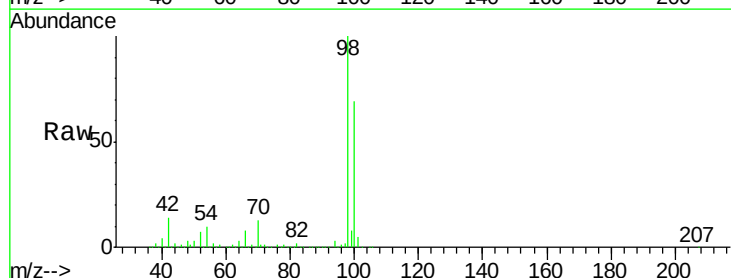
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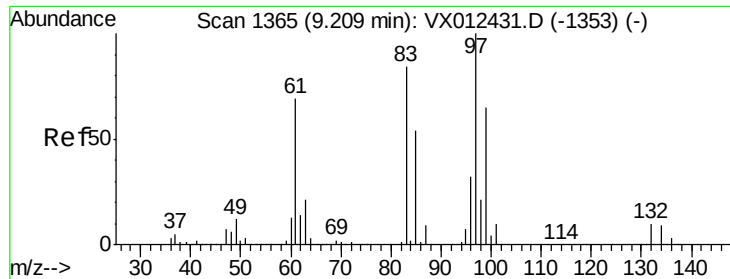
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#50
Toluene-d8
Concen: 50.240 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.4	53.4	80.2





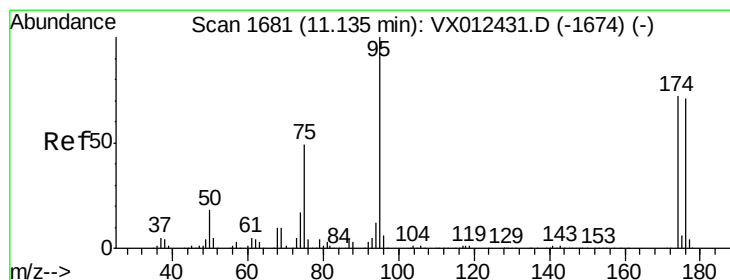
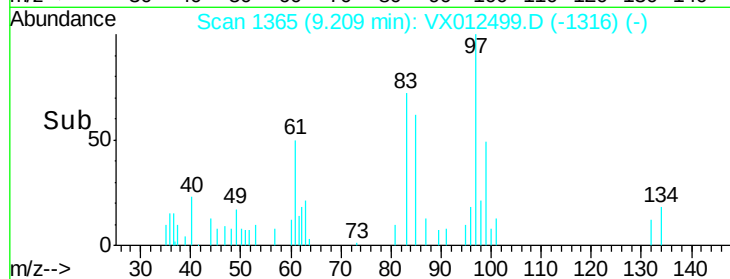
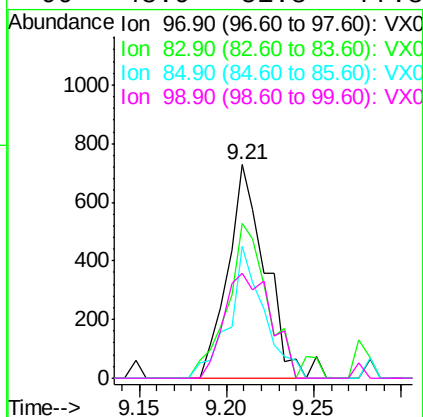
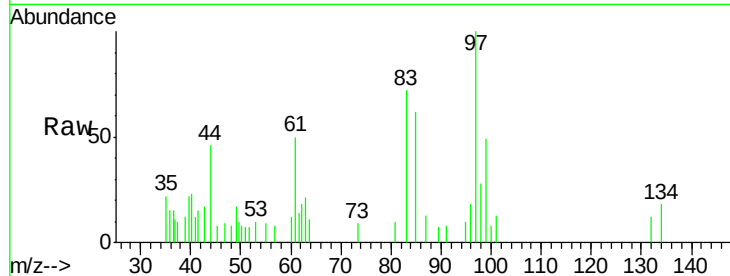
#55
 1,1,2-Trichloroethane
 Concen: 0.566 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012499.D
 Acq: 19 Sep 2019 01:54

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D5-20190911

Tot Ion:	97	Resp:	1099
Ion	Ratio	Lower	Upper
97	100		
83	72.4	67.4	101.2
85	61.7	43.5	65.3
99	48.9	51.8	77.8#

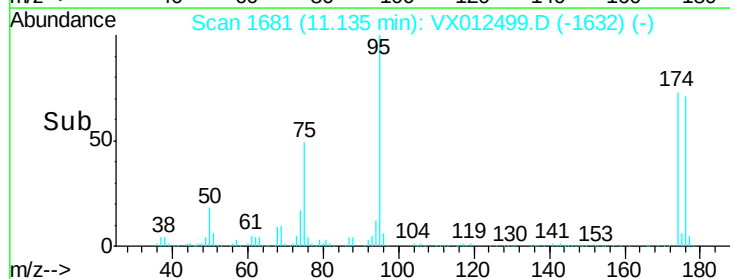
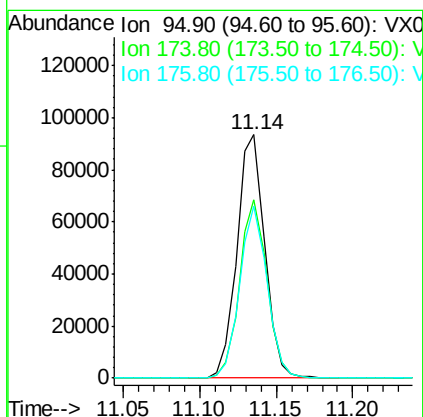
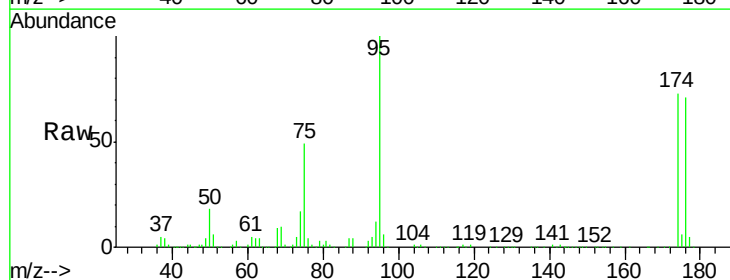
Manual Integrations
 APPROVED

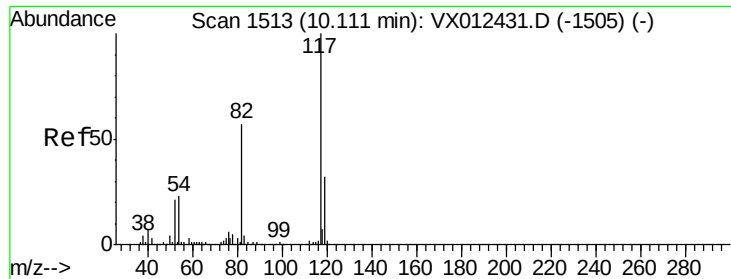
MMDadoda
 9/19/2019 1:06:38 PM



#62
 4-Bromofluorobenzene
 Concen: 41.818 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VX012499.D
 Acq: 19 Sep 2019 01:54

Tgt Ion:	95	Resp:	117627
Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	140.0
176	70.0	0.0	135.4





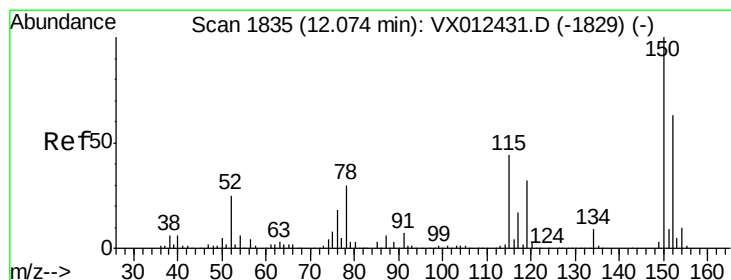
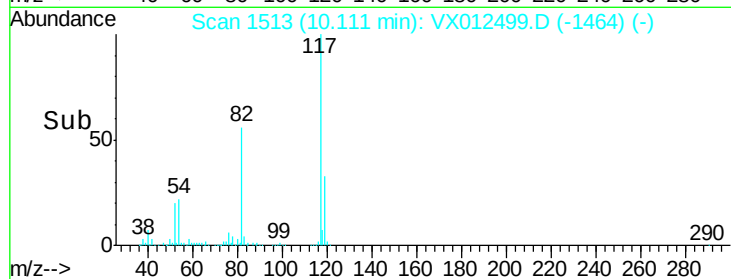
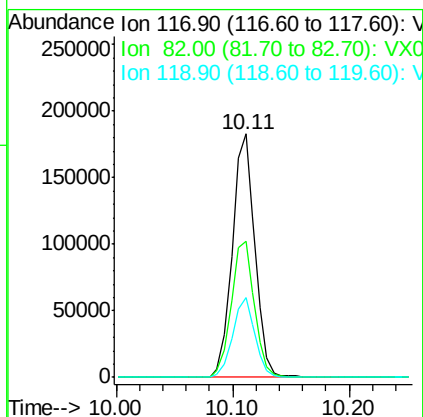
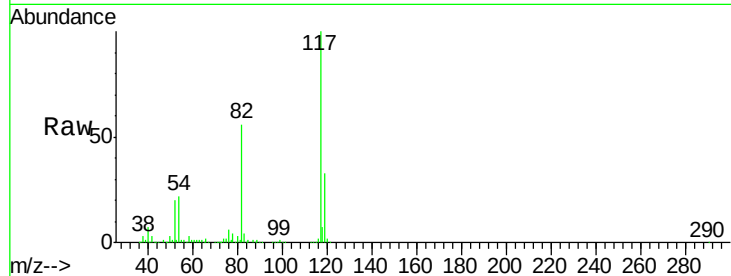
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20190911

Tot Ion	Ratio	Resp	Lower	Upper
117	100	246766		
82	55.9		45.9	68.9
119	33.0		25.3	37.9

Manual Integrations
APPROVED

MMDadoda
9/19/2019 1:06:38 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012499.D
Acq: 19 Sep 2019 01:54

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	92211		
115	64.9		44.1	132.3
150	161.9		0.0	343.8

