

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052819\
 Data File : VX009914.D
 Acq On : 28 May 2019 14:59
 Operator : JC/SP
 Sample : K3000-01DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0154DL

Manual Integrations
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 5/29/2019 9:25:17 AM

Quant Time: May 29 04:35:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	171686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	274580	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	253823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113341	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	116365	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
35) Dibromofluoromethane	5.49	113	83860	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
50) Toluene-d8	8.71	98	355014	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
62) 4-Bromofluorobenzene	11.13	95	123831	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.57	56	2022	0.548	ug/l #	80
40) Benzene	6.14	78	54403	6.583	ug/l	99
65) Chlorobenzene	10.13	112	358829	67.528	ug/l	100
67) Ethyl Benzene	10.25	91	24289	2.546	ug/l	97
73) Isopropylbenzene	11.02	105	4111	0.492	ug/l	100
78) n-propylbenzene	11.36	91	3926	0.407	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	1751	0.461	ug/l	95
88) 1,4-Dichlorobenzene	12.09	146	6430m	1.662	ug/l	
95) Naphthalene	13.83	128	5244	0.630	ug/l	95

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

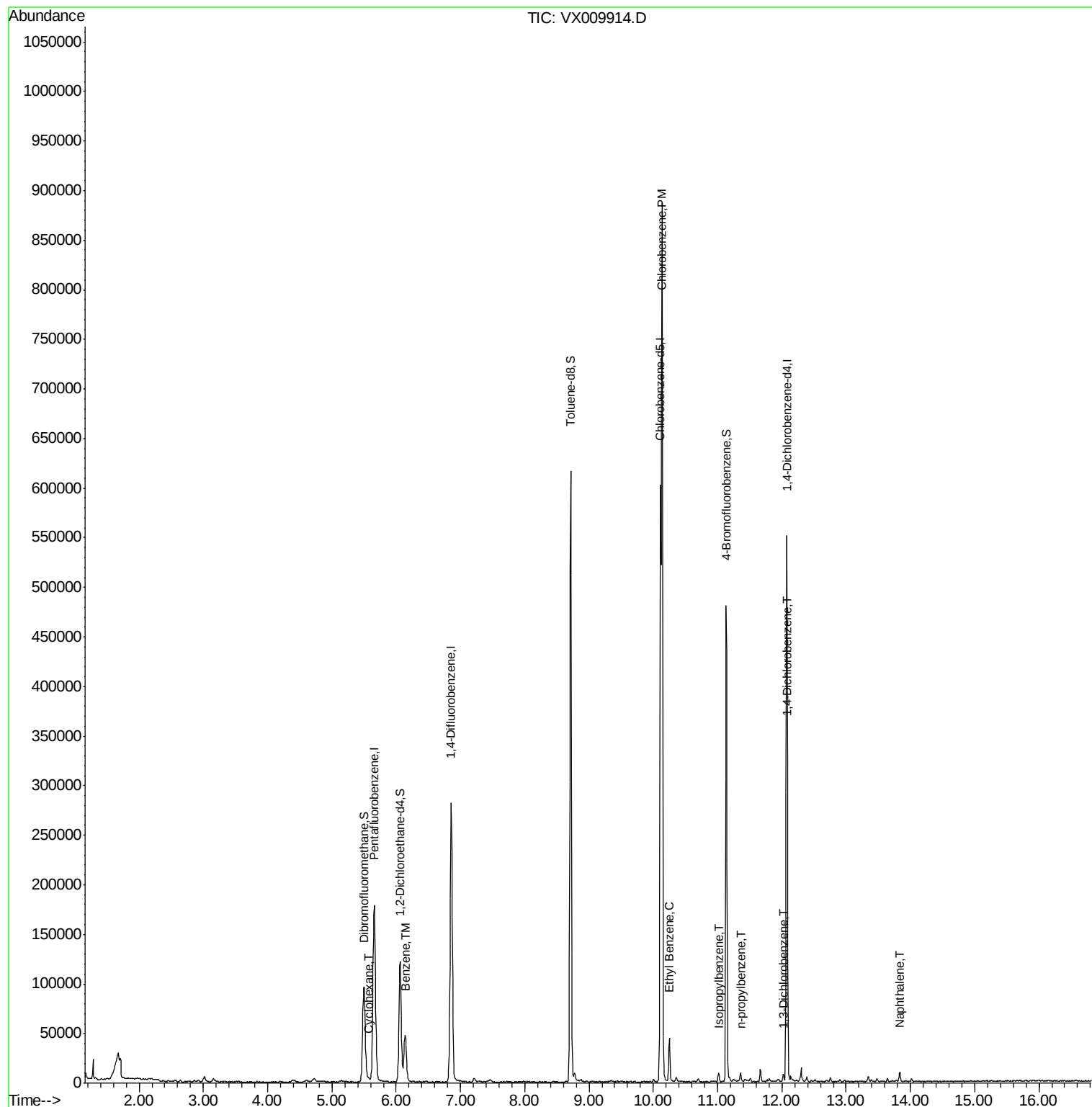
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052819\
Data File : VX009914.D
Acq On : 28 May 2019 14:59
Operator : JC/SP
Sample : K3000-01DL 20X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

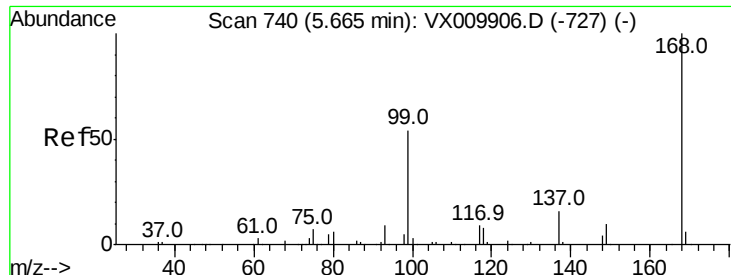
Instrument :
MSVOA_X
ClientSampleId :
S36-0154DL

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Quant Time: May 29 04:35:45 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009914.D

Acq: 28 May 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

S36-0154DL

Tot Ion:168 Resp: 171686

Ion Ratio Lower Upper

168 100

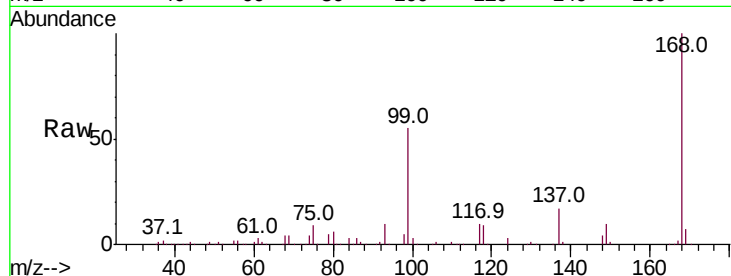
99 55.0 43.0 64.6

Manual Integrations

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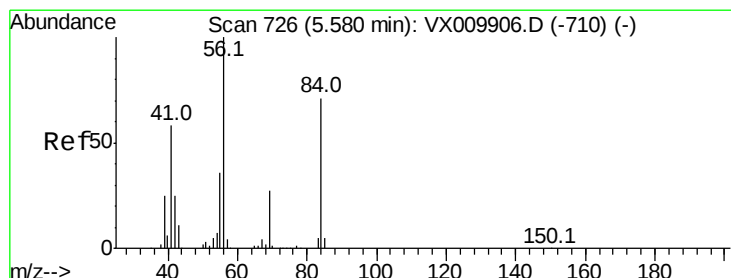
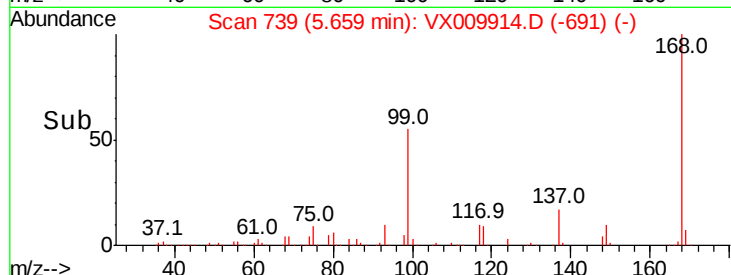
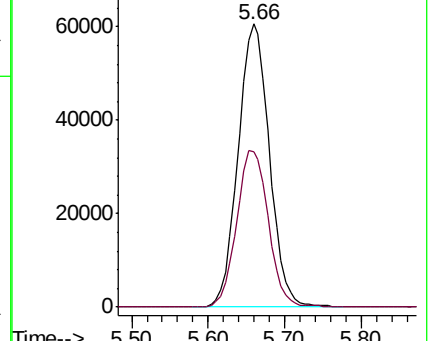
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#31

Cyclohexane

Concen: 0.548 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX009914.D

Acq: 28 May 2019 14:59

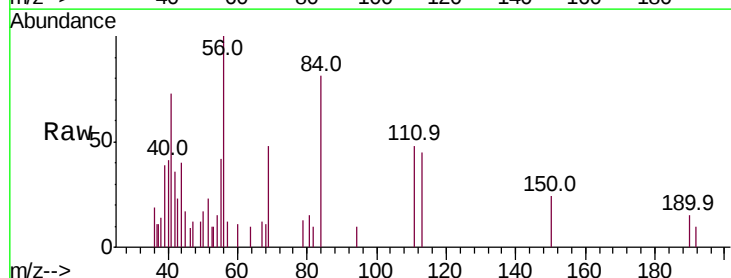
Tgt Ion: 56 Resp: 2022

Ion Ratio Lower Upper

56 100

69 48.4 21.6 32.4#

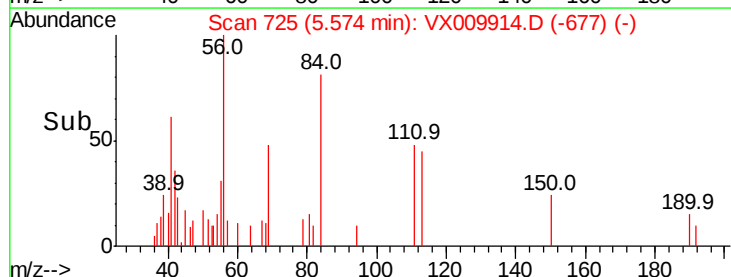
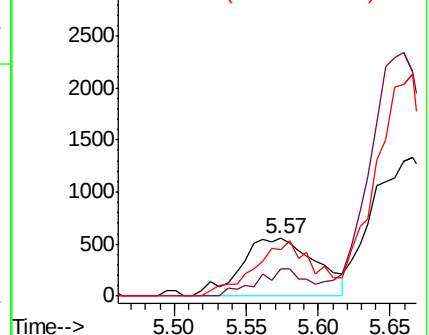
84 81.2 56.8 85.2

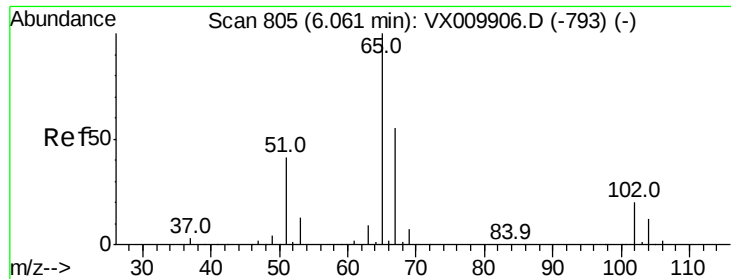


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





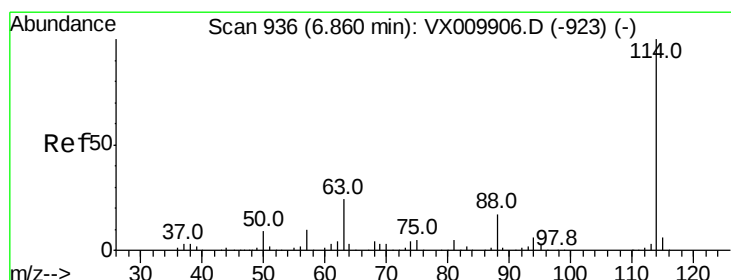
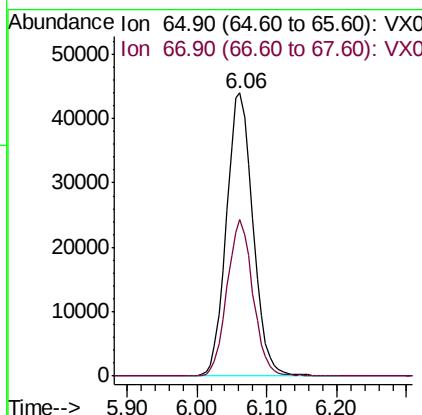
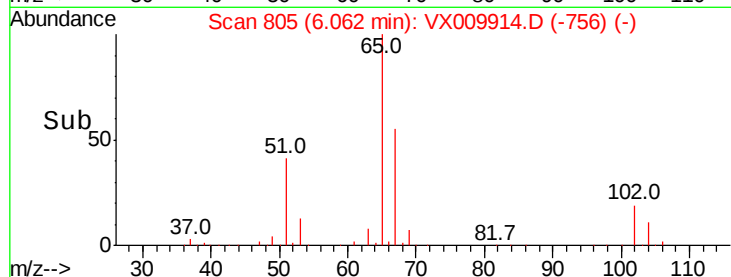
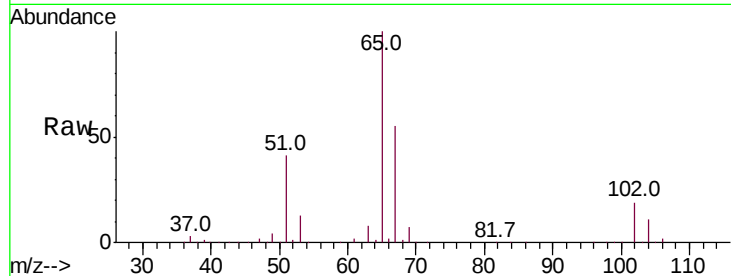
#33
 1,2-Dichloroethane-d4
 Concen: 47.981 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009914.D
 Acq: 28 May 2019 14:59

Instrument :
 MSVOA_X
 ClientSampleID :
 S36-0154DL

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.7	0.0	108.4	

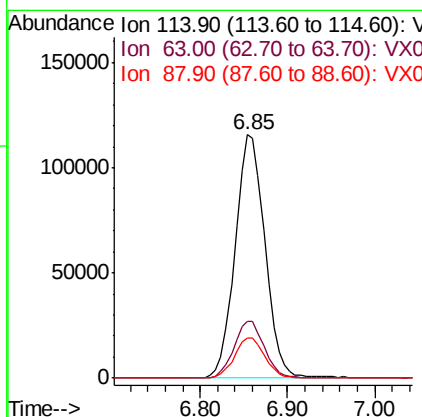
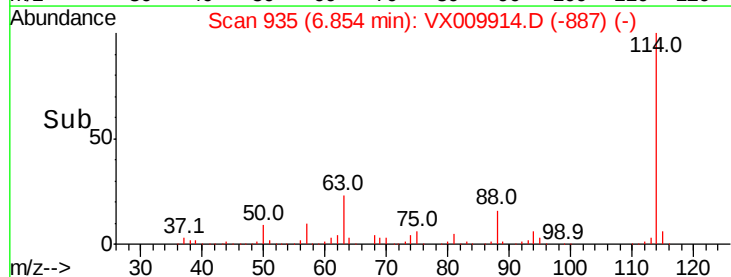
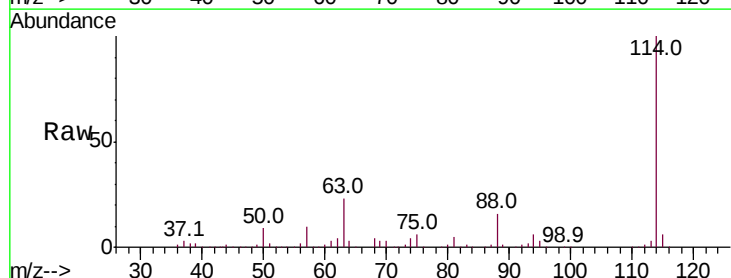
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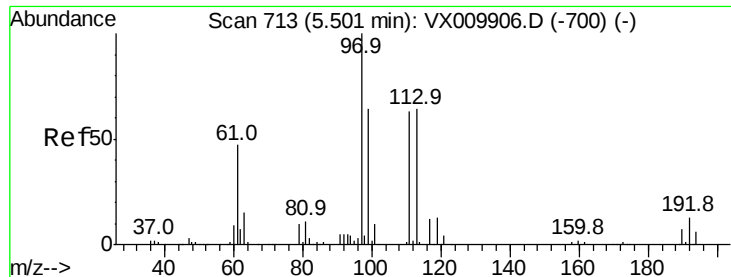
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX009914.D
 Acq: 28 May 2019 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	23.5	0.0	47.4	
88	16.4	0.0	33.0	





#35

Dibromofluoromethane

Concen: 48.578 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX009914.D

Acq: 28 May 2019 14:59

Instrument :

MSVOA_X

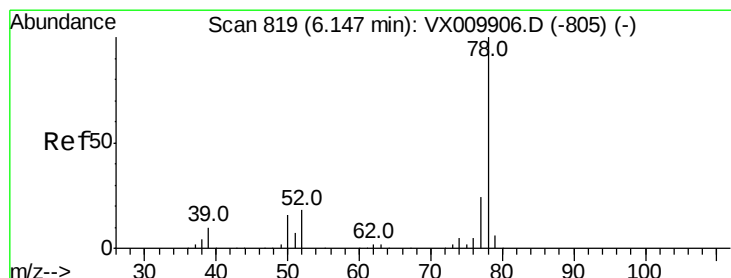
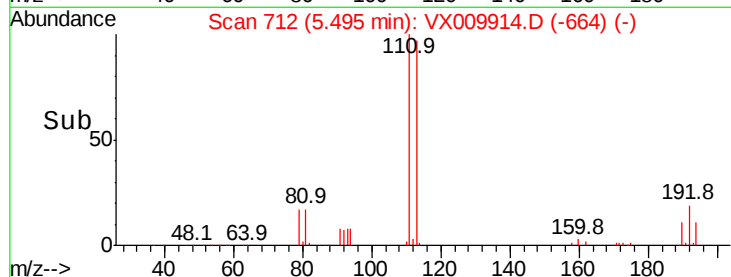
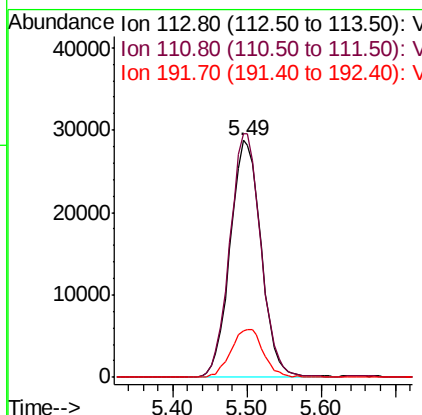
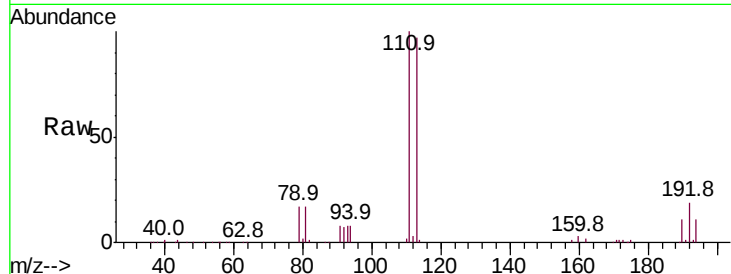
ClientSampleId :

S36-0154DL

Tot Ion:	113	Resp:	83860
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.2
192	21.3	17.1	25.7

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#40

Benzene

Concen: 6.583 ug/l

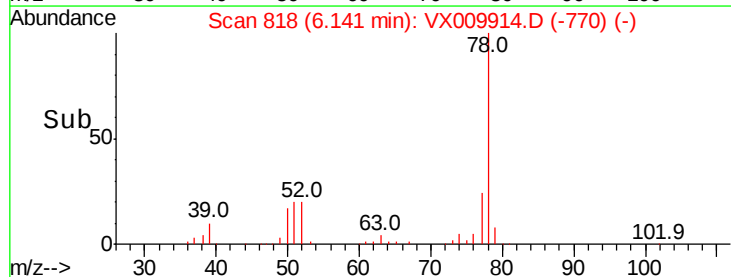
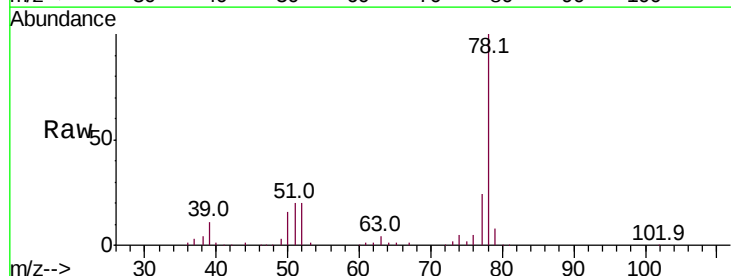
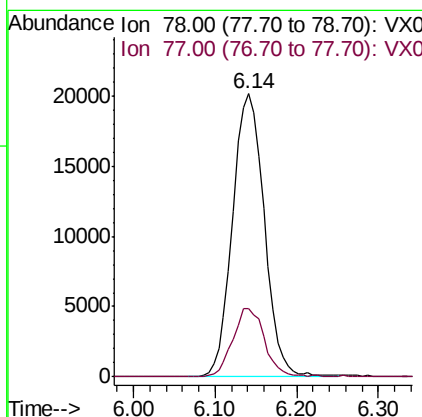
RT: 6.14 min Scan# 818

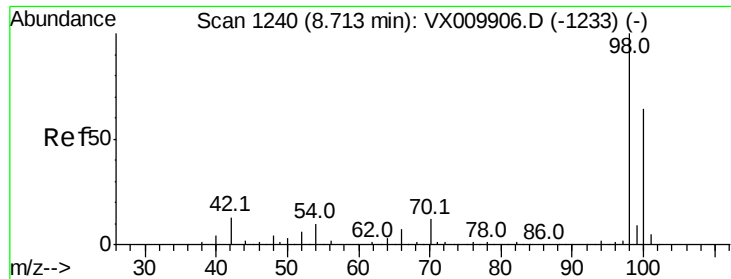
Delta R.T. -0.01 min

Lab File: VX009914.D

Acq: 28 May 2019 14:59

Tgt Ion:	78	Resp:	54403
Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.2	28.8





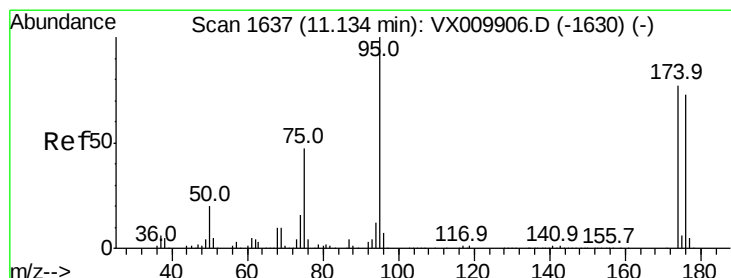
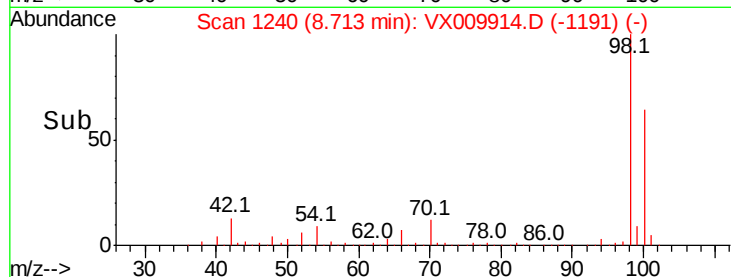
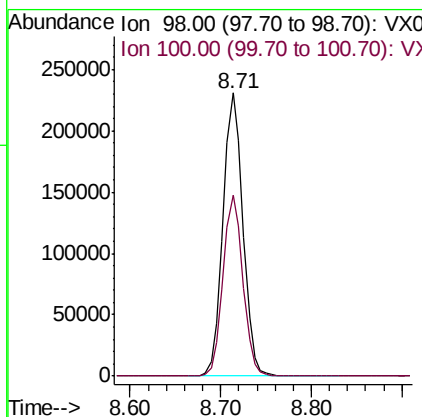
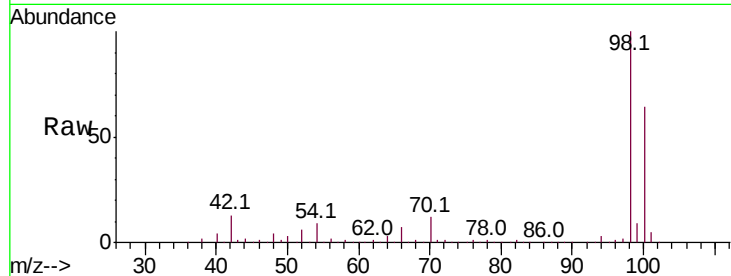
#50
Toluene-d8
Concen: 50.643 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009914.D
Acq: 28 May 2019 14:59

Instrument :
MSVOA_X
ClientSampled :
S36-0154DL

Tot Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.5	77.3

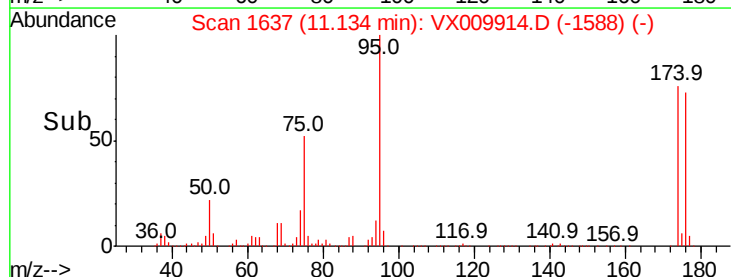
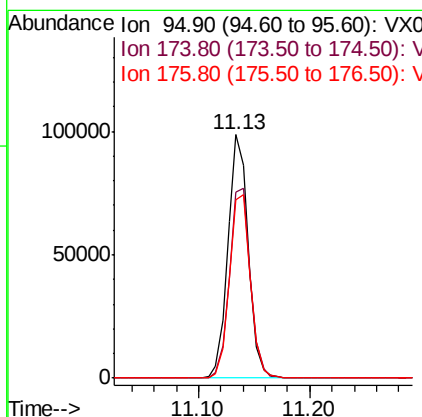
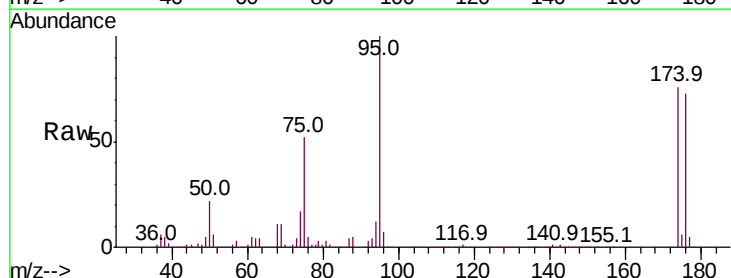
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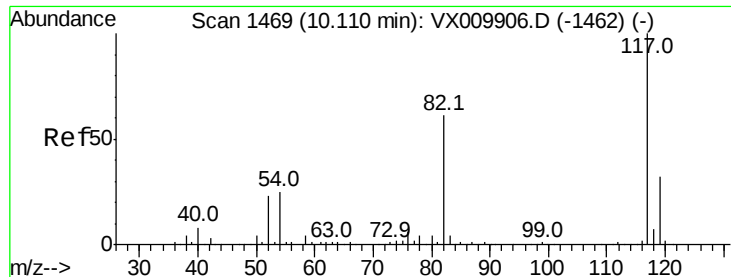
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#62
4-Bromofluorobenzene
Concen: 49.180 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009914.D
Acq: 28 May 2019 14:59

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.3	0.0	160.4
176	78.1	0.0	154.6





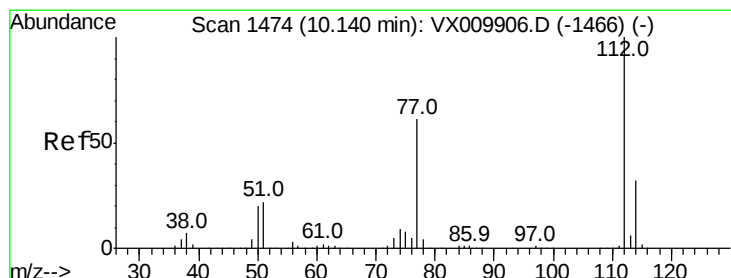
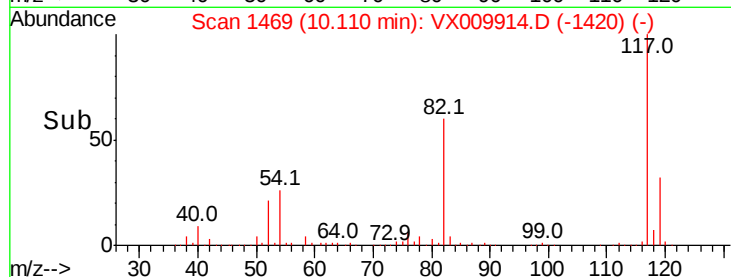
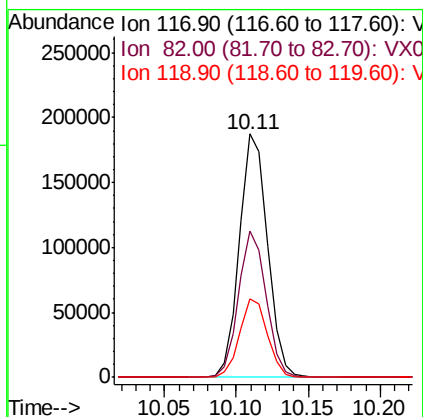
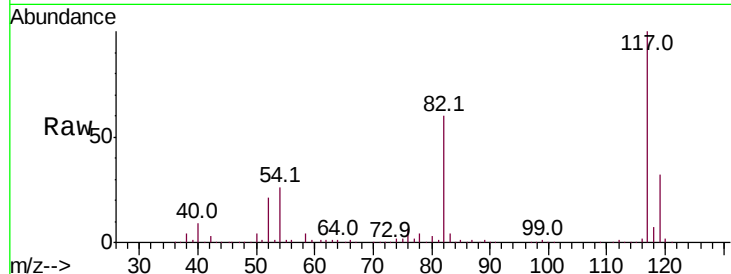
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009914.D
Acq: 28 May 2019 14:59

Instrument :
MSVOA_X
ClientSampleId :
S36-0154DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.9	49.2	73.8
119	32.1	25.2	37.8

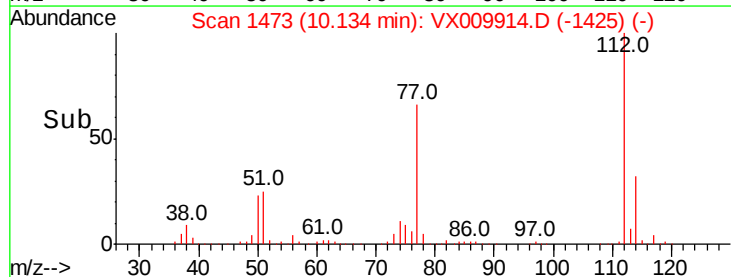
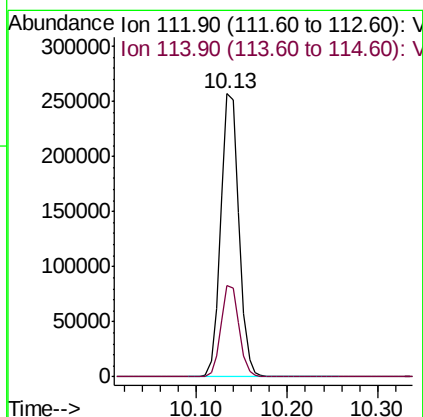
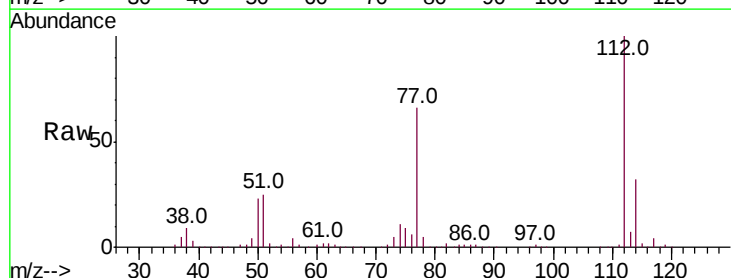
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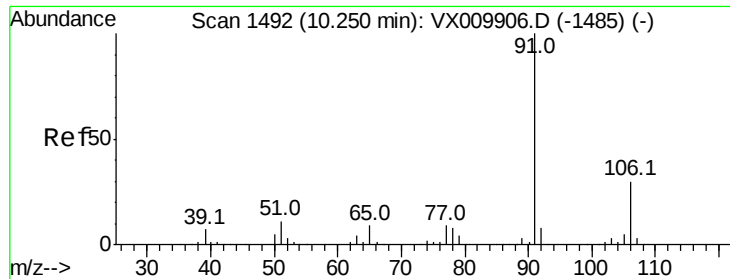
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#65
Chlorobenzene
Concen: 67.528 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX009914.D
Acq: 28 May 2019 14:59

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.8	38.8





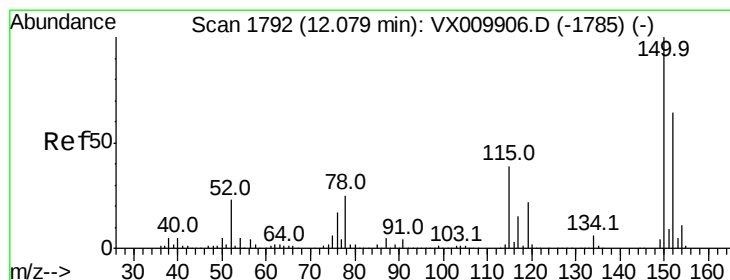
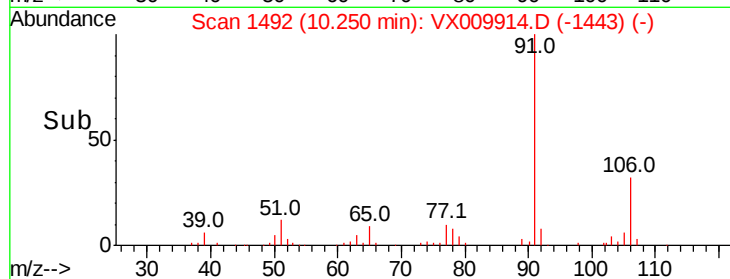
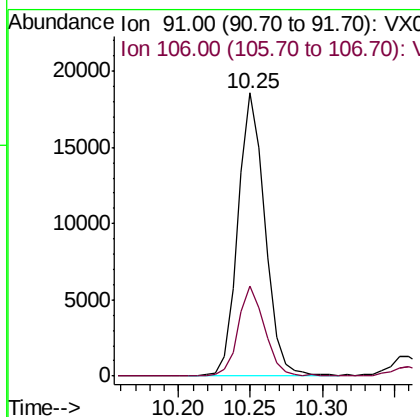
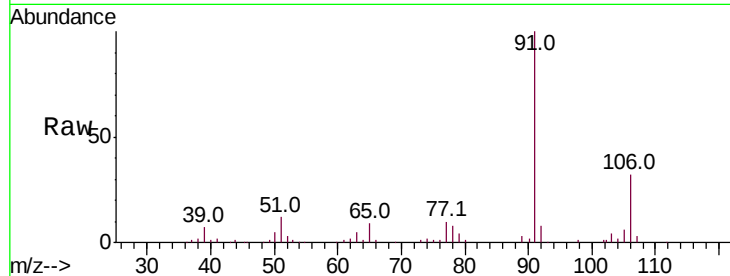
#67
Ethyl Benzene
Concen: 2.546 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009914.D
Acq: 28 May 2019 14:59

Instrument :
MSVOA_X
ClientSampleId :
S36-0154DL

Tot Ion: 91 Resp: 24289
Ion Ratio Lower Upper
91 100
106 31.7 23.9 35.9

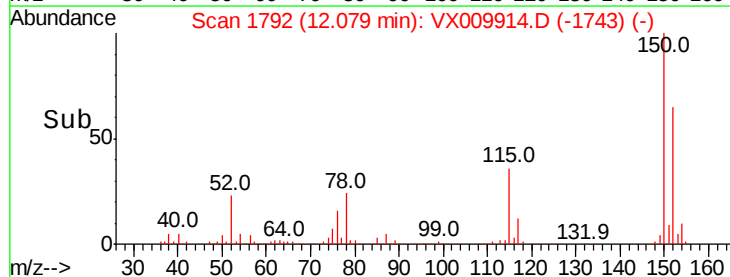
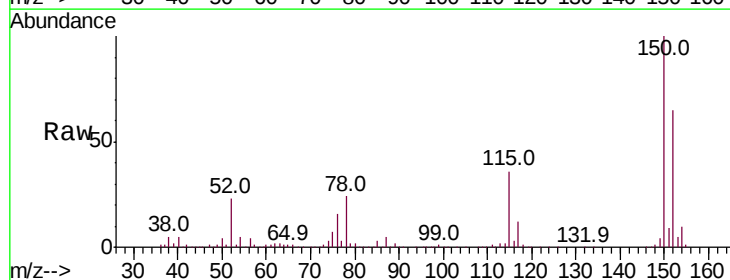
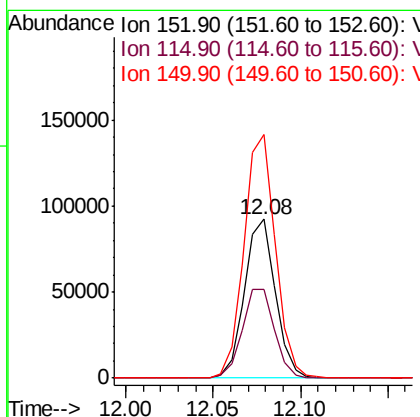
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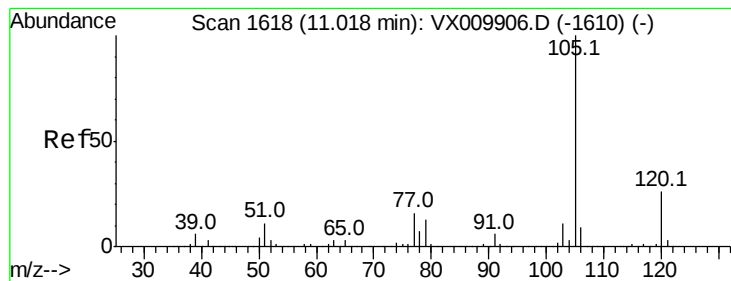
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009914.D
Acq: 28 May 2019 14:59

Tgt Ion: 152 Resp: 113341
Ion Ratio Lower Upper
152 100
115 58.7 41.4 124.2
150 155.5 0.0 345.2





#73

Isopropylbenzene

Concen: 0.492 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009914.D

Acq: 28 May 2019 14:59

Instrument :

MSVOA_X

ClientSampled :

S36-0154DL

Tot Ion: 105 Resp: 4111

Ion Ratio Lower Upper

105 100

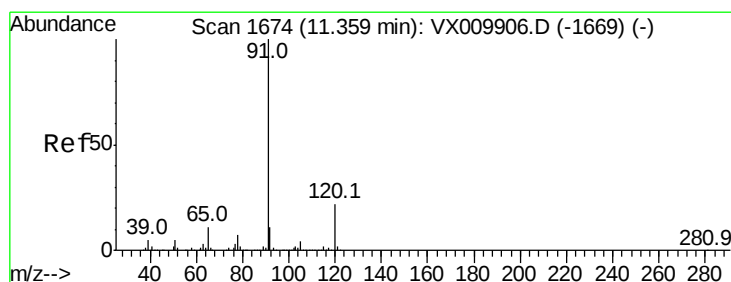
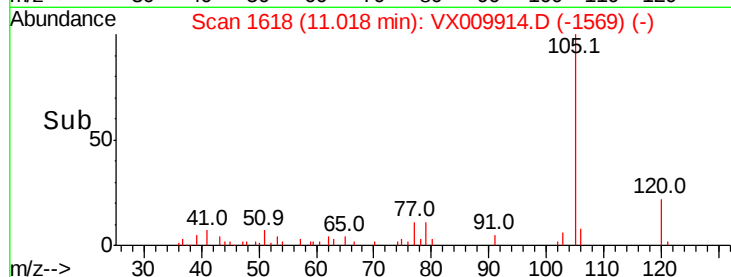
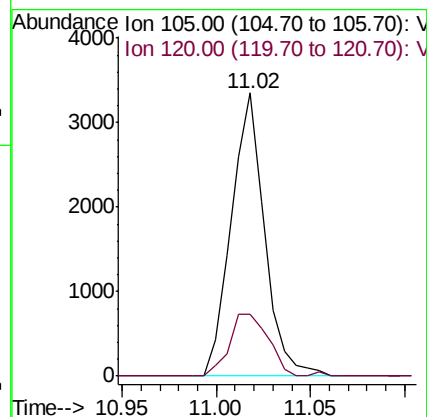
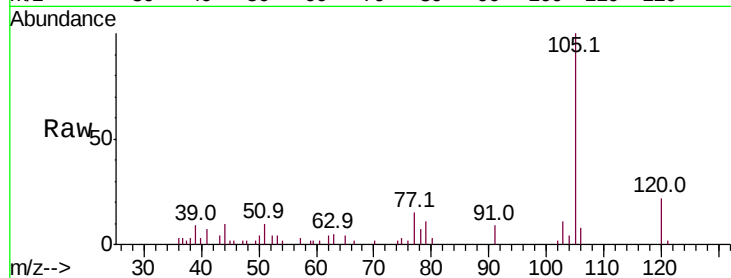
120 25.5 12.8 38.4

Manual Integrations

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#78

n-propylbenzene

Concen: 0.407 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009914.D

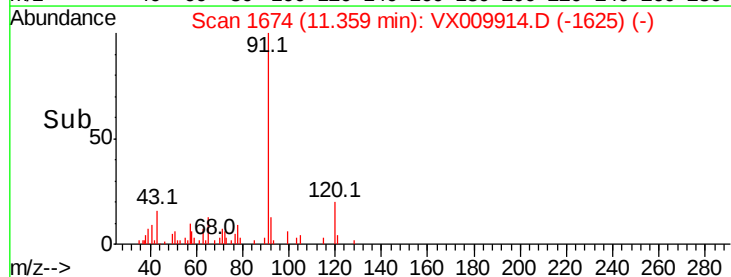
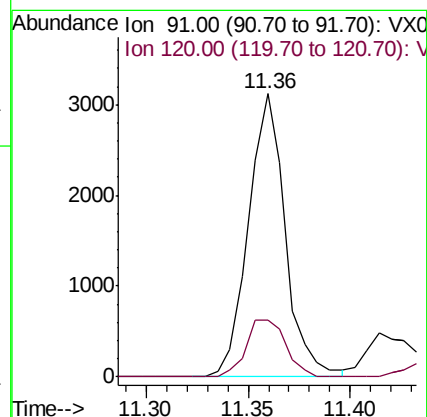
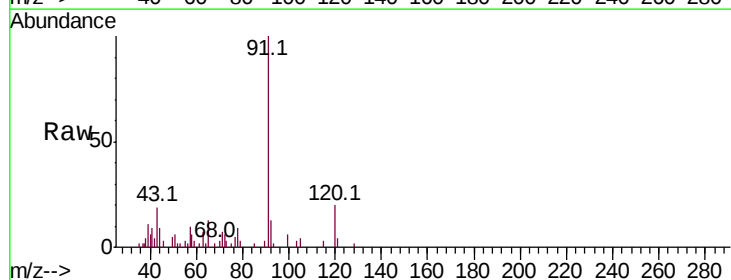
Acq: 28 May 2019 14:59

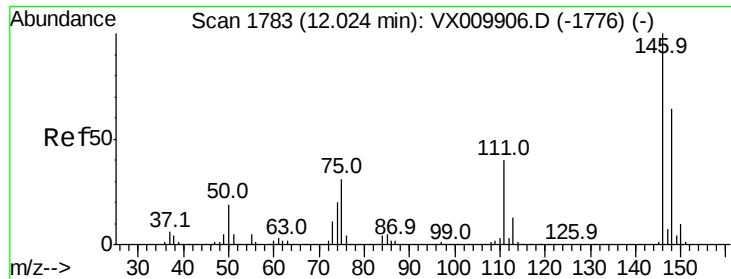
Tgt Ion: 91 Resp: 3926

Ion Ratio Lower Upper

91 100

120 21.8 11.1 33.3





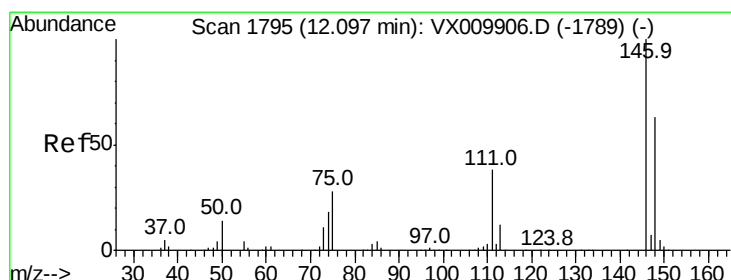
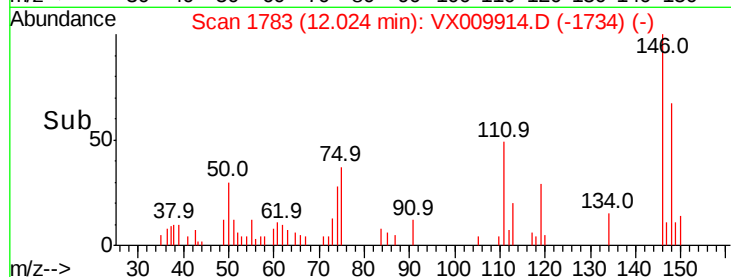
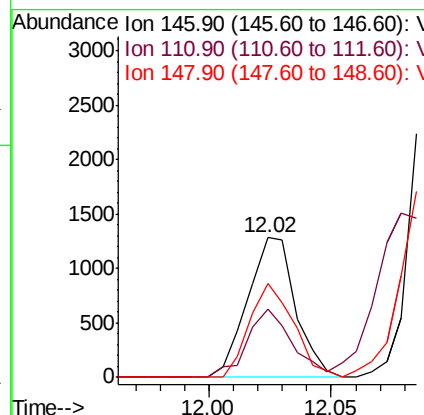
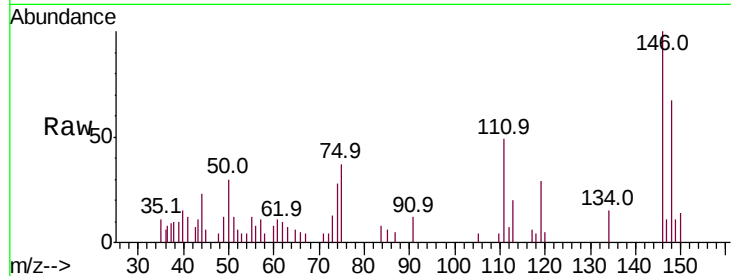
#87
 1,3-Dichlorobenzene
 Concen: 0.461 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009914.D
 Acq: 28 May 2019 14:59

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0154DL

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.0	20.1	60.2
148	61.6	31.9	95.5

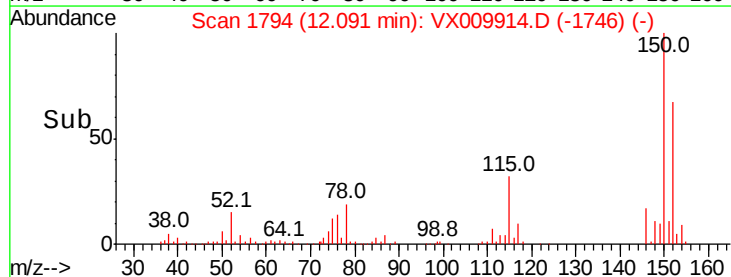
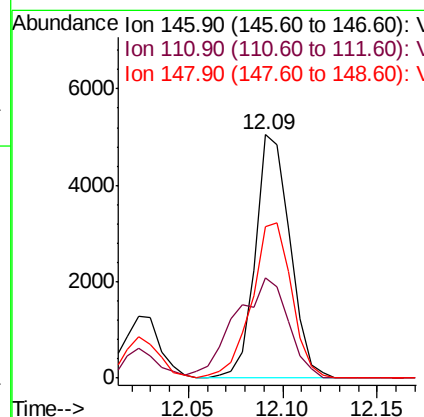
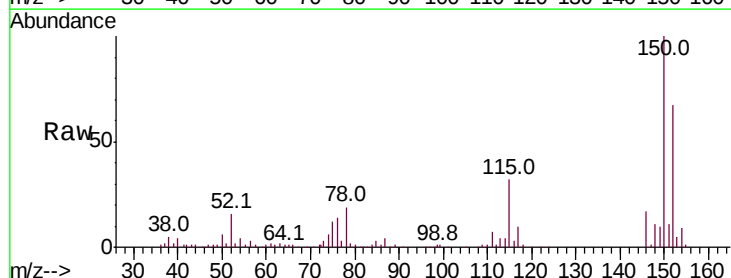
Manual Integrations
 APPROVED

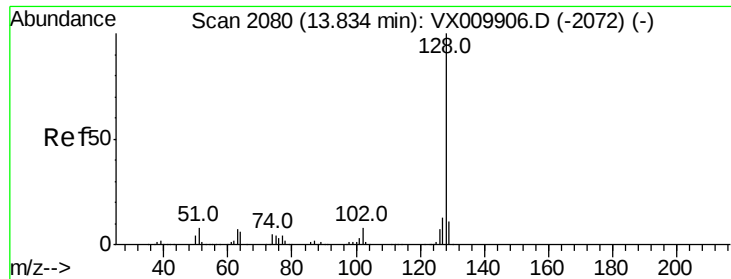
MMDadoda
 5/29/2019 9:25:17 AM



#88
 1,4-Dichlorobenzene
 Concen: 1.662 ug/l m
 RT: 12.09 min Scan# 1794
 Delta R.T. -0.01 min
 Lab File: VX009914.D
 Acq: 28 May 2019 14:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	12.5	20.0	59.9#
148	16.8	32.3	96.9#





#95
Naphthalene
Concen: 0.630 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009914.D
Acq: 28 May 2019 14:59

Instrument :
MSVOA_X
ClientSampleId :
S36-0154DL

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.5	10.6	16.0
129	12.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
5/29/2019 9:25:17 AM

