

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050718\
 Data File : VX001483.D
 Acq On : 07 May 2018 23:47
 Operator : JC/MD
 Sample : VX0507WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBSD02

Manual Integrations
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 5/9/2018 5:47:36 PM

Quant Time: May 08 07:32:34 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	244290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	323816	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	304336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	215217	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	181676	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
35) Dibromofluoromethane	5.51	113	145720	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
50) Toluene-d8	8.72	98	528800	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	11.14	95	196186	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	72404	22.02	ug/l	98
3) Chloromethane	1.32	50	68953	21.53	ug/l	98
4) Vinyl Chloride	1.40	62	75084	22.46	ug/l	98
5) Bromomethane	1.64	94	46316	28.81	ug/l	96
6) Chloroethane	1.72	64	47704	21.59	ug/l	99
7) Trichlorofluoromethane	1.93	101	112652	22.39	ug/l	100
8) Diethyl Ether	2.19	74	43998	22.31	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	63227	21.44	ug/l	100
10) Methyl Iodide	2.51	142	91800	21.57	ug/l	99
11) Tert butyl alcohol	3.08	59	86170	116.40	ug/l	100
12) 1,1-Dichloroethene	2.37	96	60237	22.28	ug/l	97
13) Acrolein	2.29	56	17406	112.87	ug/l	98
14) Allyl chloride	2.73	41	108674	21.56	ug/l	99
15) Acrylonitrile	3.15	53	186967	111.76	ug/l	99
16) Acetone	2.45	43	169306	106.19	ug/l	100
17) Carbon Disulfide	2.57	76	141468	20.56	ug/l	100
18) Methyl Acetate	2.78	43	97656	23.31	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	209178	22.23	ug/l	97
20) Methylene Chloride	2.86	84	68124	21.58	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	64178	21.27	ug/l	99
22) Diisopropyl ether	3.88	45	203038	21.56	ug/l	98
23) Vinyl Acetate	3.83	43	843022	107.42	ug/l	99
24) 1,1-Dichloroethane	3.70	63	110549	21.02	ug/l	99
25) 2-Butanone	4.71	43	253229	109.88	ug/l	96
26) 2,2-Dichloropropane	4.59	77	66499	16.37	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	69533	21.64	ug/l	98
28) Bromochloromethane	5.03	49	52443	22.99	ug/l	97
29) Tetrahydrofuran	5.17	42	16			

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	96041	19.72	ug/l	95
40) Benzene	6.15	78	259492	21.57	ug/l	98
41) Methacrylonitrile	5.07	41	55460	21.47	ug/l	98
42) 1,2-Dichloroethane	6.20	62	101811	22.02	ug/l	100
43) Isopropyl Acetate	6.48	43	148281	21.39	ug/l	100
44) Trichloroethene	7.22	130	79146	21.52	ug/l	100
45) 1,2-Dichloropropane	7.52	63	64756	21.59	ug/l	100
46) Dibromomethane	7.67	93	45802	21.57	ug/l	99
47) Bromodichloromethane	7.90	83	86157	21.92	ug/l	100
48) Methyl methacrylate	7.79	41	79281	21.01	ug/l	98
49) 1,4-Dioxane	7.76	88	35620	436.83	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	508556	110.41	ug/l	98
52) Toluene	8.79	92	171975	21.86	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	93014	20.94	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	84826	19.90	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	69092	21.80	ug/l	99
56) Ethyl methacrylate	9.19	69	96746	21.18	ug/l	98
57) 1,3-Dichloropropane	9.38	76	114910	21.93	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	245105	109.38	ug/l	100
59) 2-Hexanone	9.51	43	385727	109.36	ug/l	99
60) Dibromochloromethane	9.59	129	68601	21.14	ug/l	98
61) 1,2-Dibromoethane	9.68	107	72071	21.66	ug/l	99
64) Tetrachloroethene	9.34	164	96754	22.81	ug/l	98
65) Chlorobenzene	10.15	112	192119	21.52	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	70691	22.14	ug/l	99
67) Ethyl Benzene	10.26	91	316328	21.62	ug/l	98
68) m/p-Xylenes	10.37	106	252457	43.67	ug/l	99
69) o-Xylene	10.70	106	122198	21.75	ug/l	98
70) Styrene	10.72	104	198960	21.80	ug/l	99
71) Bromoform	10.87	173	53612	19.78	ug/l #	100
73) Isopropylbenzene	11.02	105	330202	22.16	ug/l	99
74) N-amyl acetate	6.48	43	148281	21.91	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	95444	21.69	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	95724m	21.93	ug/l	
77) Bromobenzene	11.26	156	94111	21.73	ug/l	99
78) n-propylbenzene	11.37	91	361267	22.27	ug/l	98
79) 2-Chlorotoluene	11.43	91	217492	21.78	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	274018	22.09	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	20829	18.20	ug/l	89
82) 4-Chlorotoluene	11.52	91	251076	21.80	ug/l	100
83) tert-Butylbenzene	11.77	119	264712	21.4		

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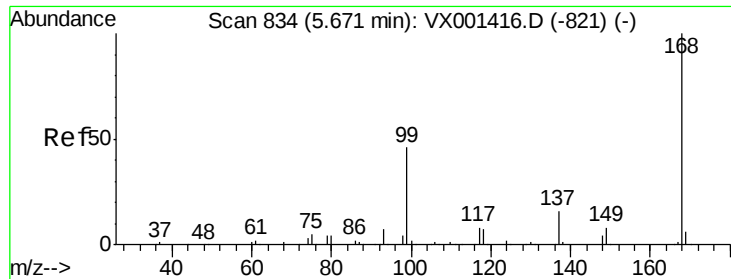
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93) 1,2,4-Trichlorobenzene	13.65	180	119768	20.78	ug/l	99
94) Hexachlorobutadiene	13.79	225	64137	20.33	ug/l	99
95) Naphthalene	13.84	128	352247	22.09	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	126353	21.36	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001483.D

Acq: 07 May 2018 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBSD02

Tot Ion:168 Resp: 244290

Ion Ratio Lower Upper

168 100

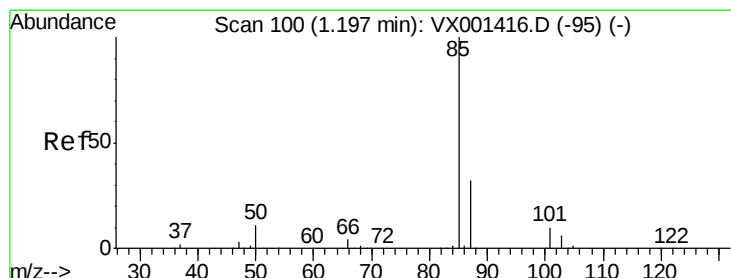
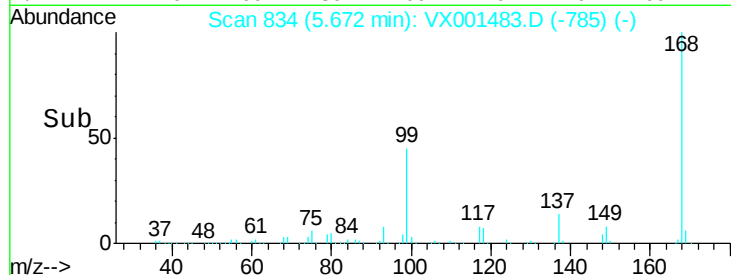
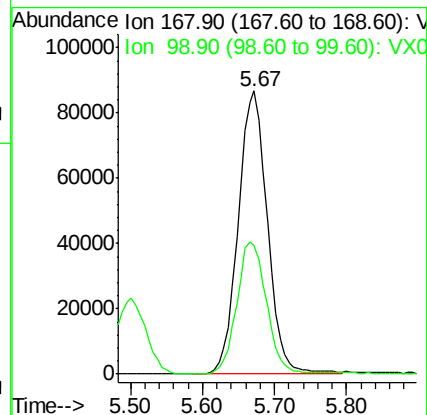
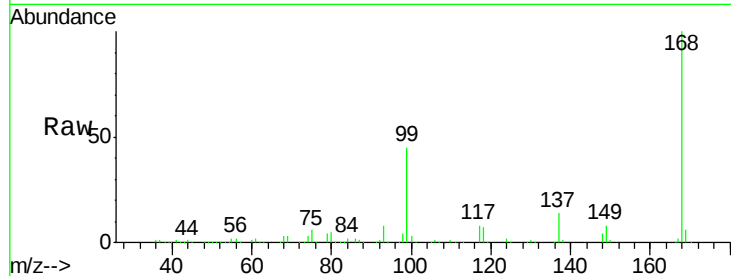
99 45.2 36.6 54.8

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#2

Dichlorodifluoromethane

Concen: 22.02 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001483.D

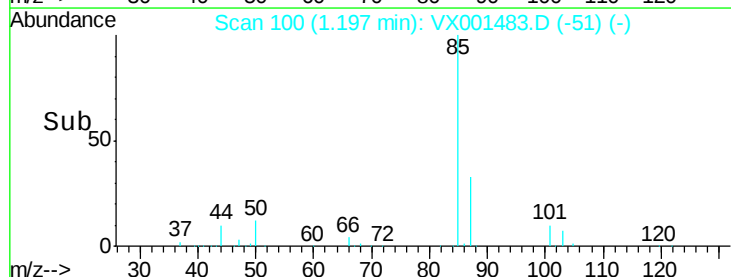
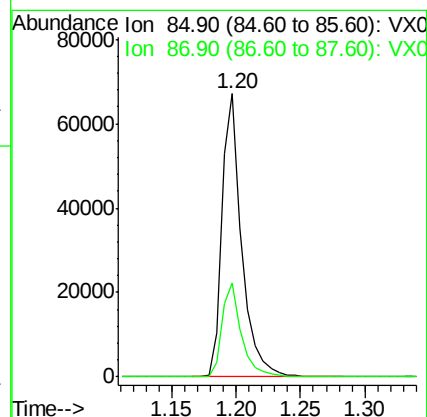
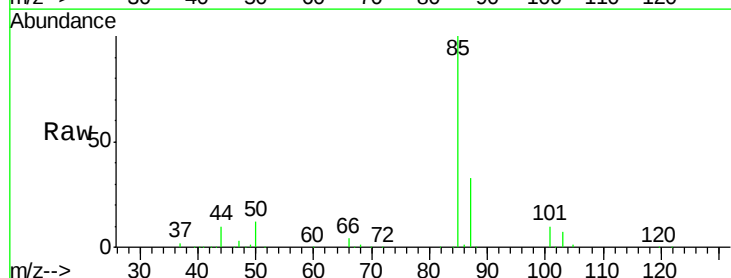
Acq: 07 May 2018 23:47

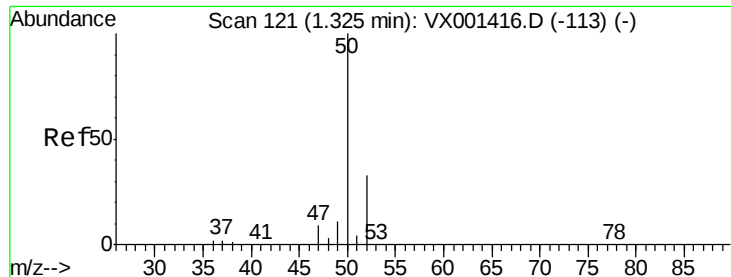
Tgt Ion: 85 Resp: 72404

Ion Ratio Lower Upper

85 100

87 33.4 16.2 48.6





#3

Chloromethane

Concen: 21.53 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001483.D

Acq: 07 May 2018 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBSD02

Tot Ion: 50 Resp: 68953

Ion Ratio Lower Upper

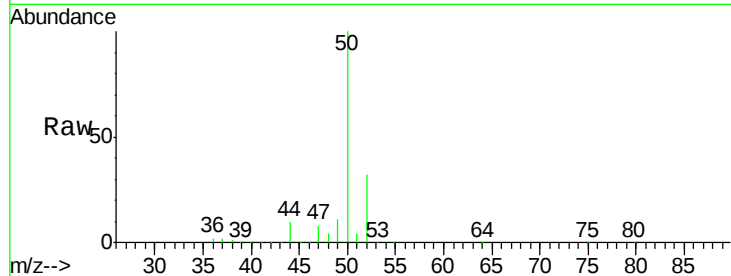
50 100

52 31.9 26.2 39.4

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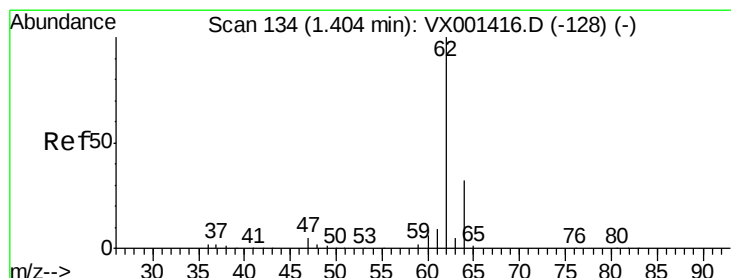
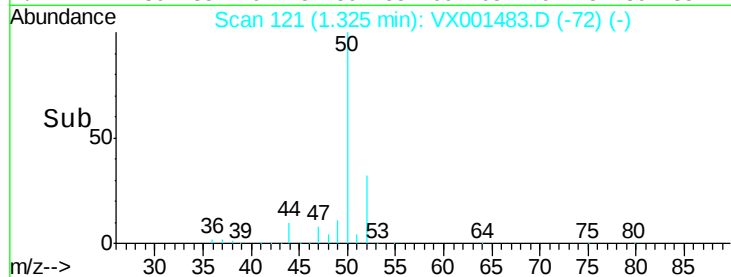
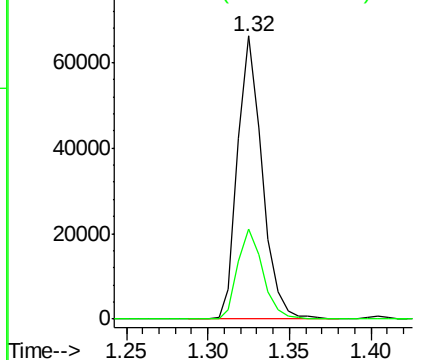
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 22.46 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001483.D

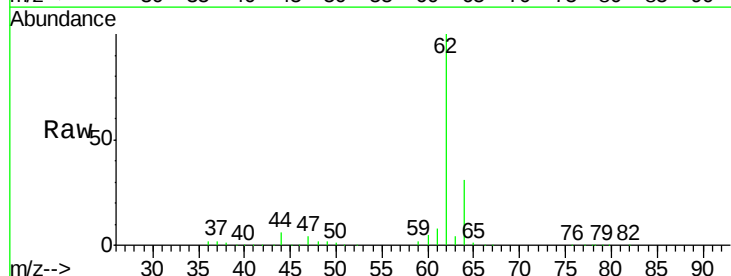
Acq: 07 May 2018 23:47

Tgt Ion: 62 Resp: 75084

Ion Ratio Lower Upper

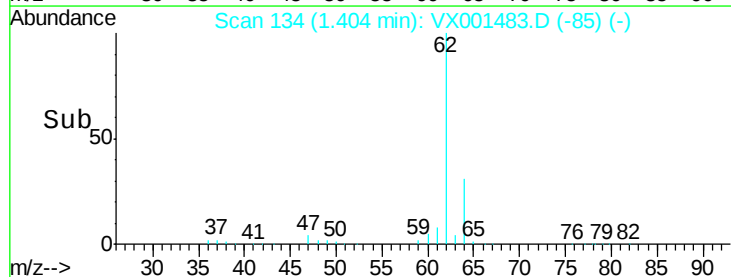
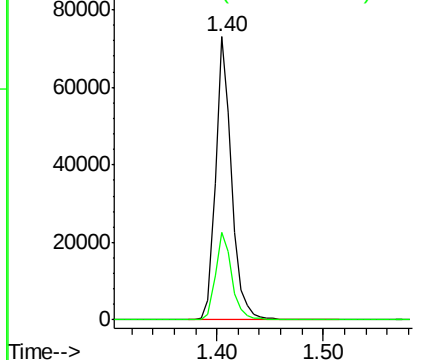
62 100

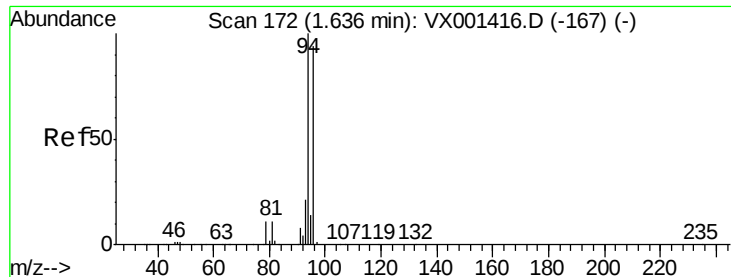
64 30.9 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 28.81 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001483.D

Acq: 07 May 2018 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBSD02

Tot Ion: 94 Resp: 46316

Ion Ratio Lower Upper

94 100

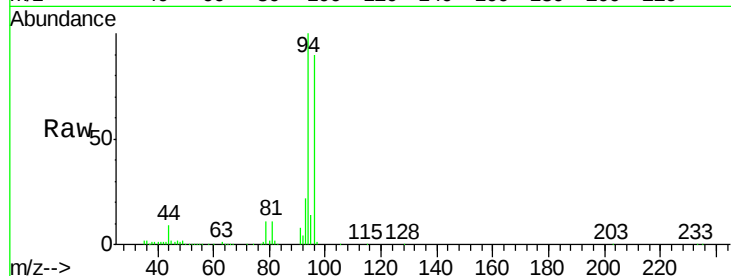
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Manual Integrations

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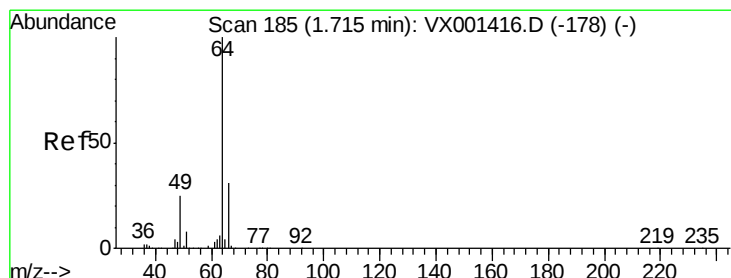
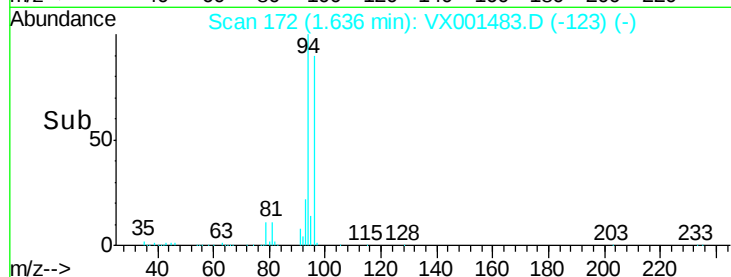
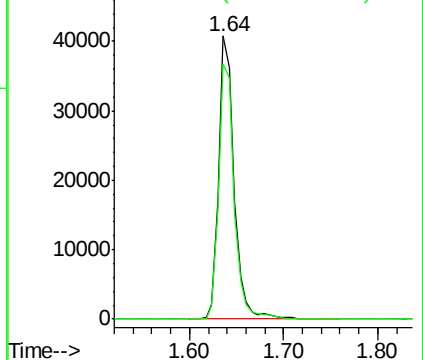
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.59 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001483.D

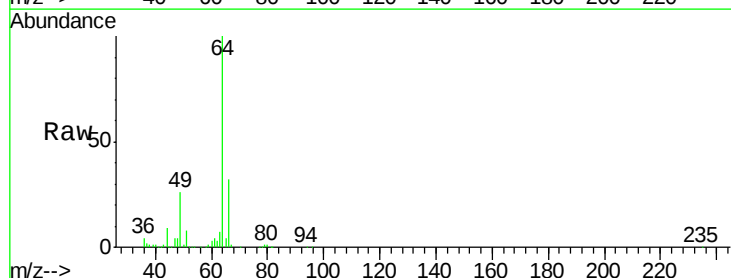
Acq: 07 May 2018 23:47

Tgt Ion: 64 Resp: 47704

Ion Ratio Lower Upper

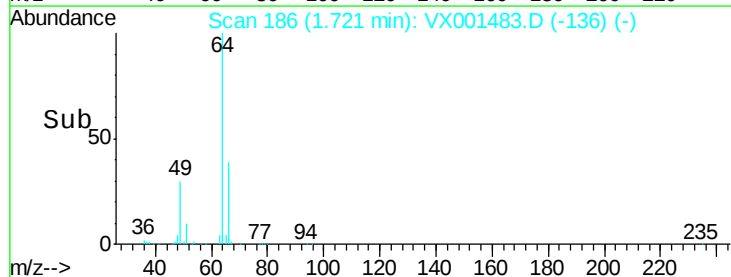
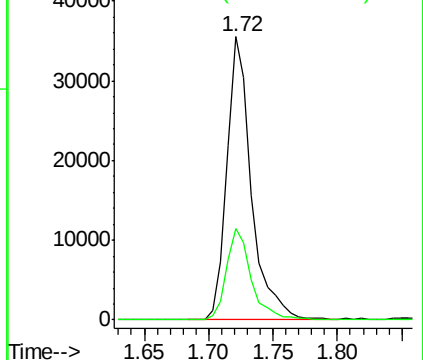
64 100

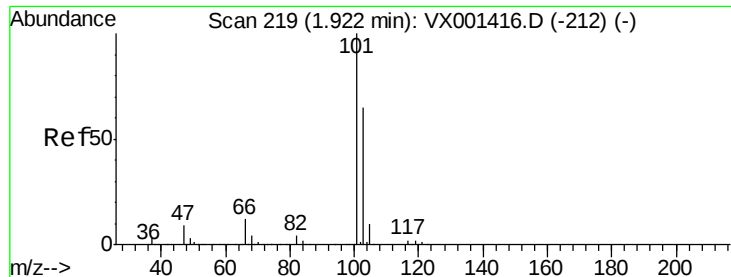
66 32.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

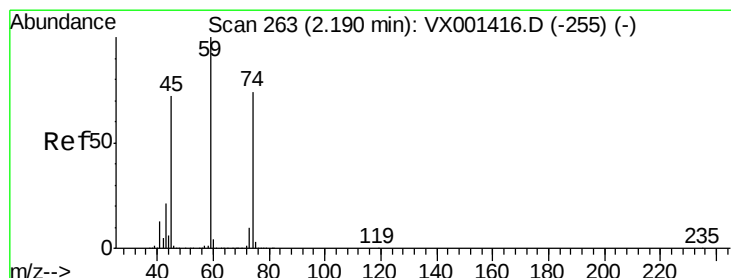
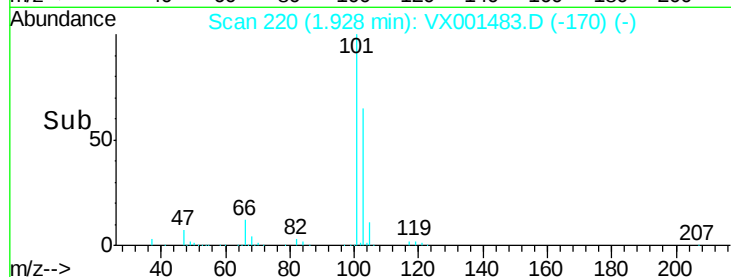
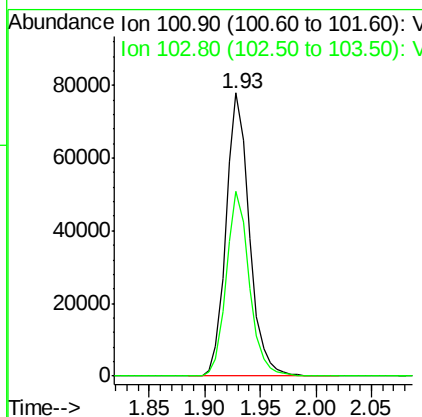
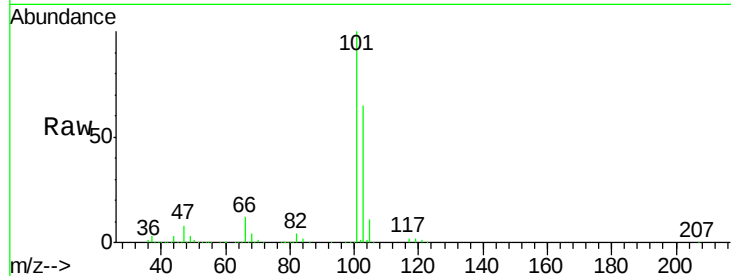
Trichlorofluoromethane
 Concen: 22.39 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX001483.D
 Acq: 07 May 2018 23:47

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	112652		
103	65.2	52.0	78.0	

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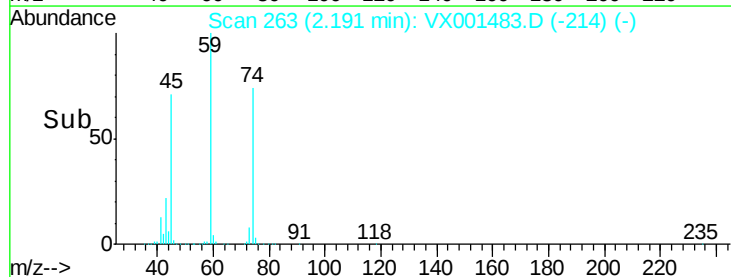
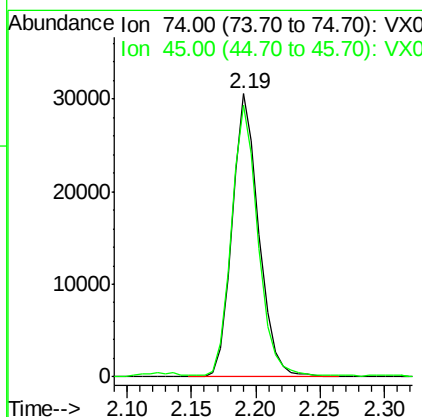
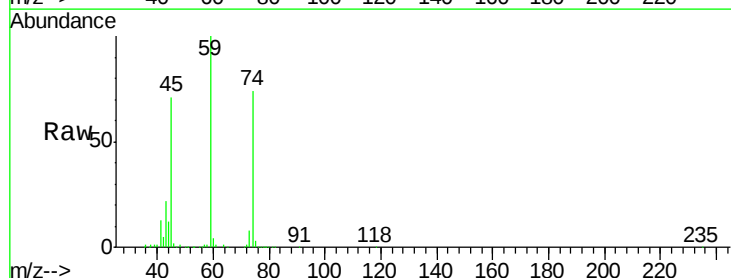
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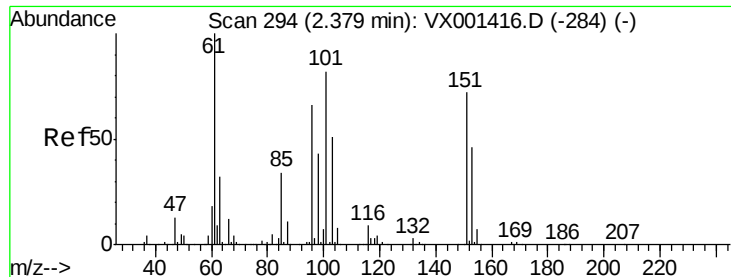


#8

Diethyl Ether
 Concen: 22.31 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001483.D
 Acq: 07 May 2018 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	43998		
45	95.1	47.9	143.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.44 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001483.D

Acq: 07 May 2018 23:47

Instrument :

MSVOA_X

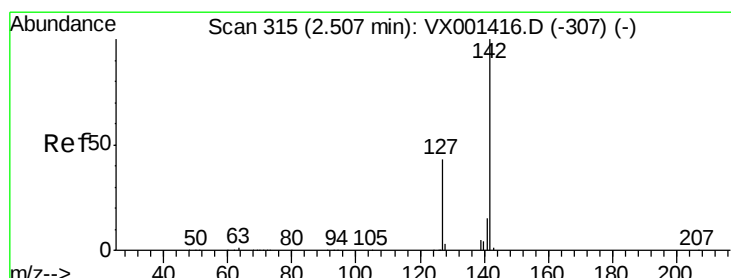
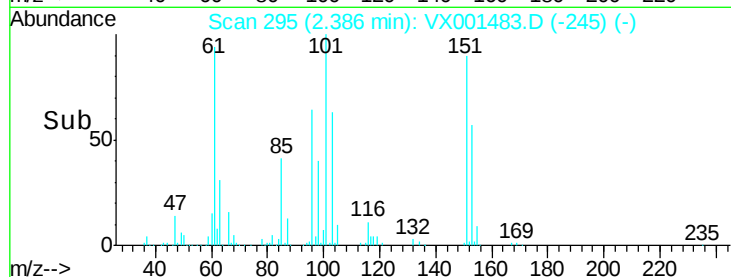
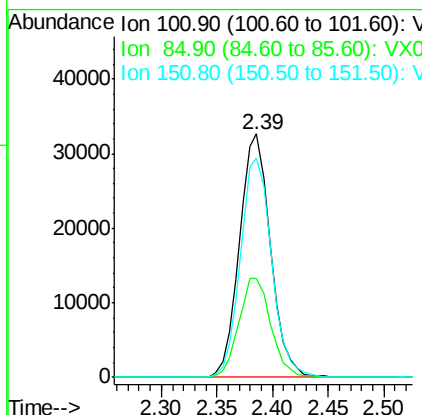
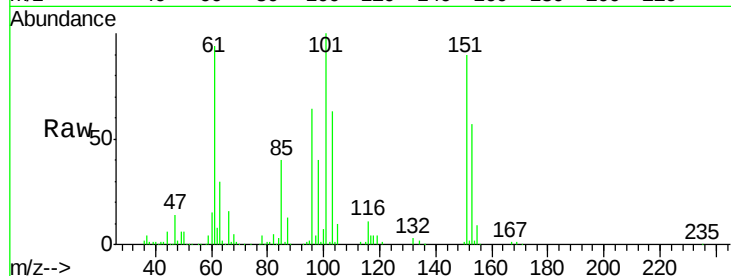
ClientSampleId :

VX0507WBSD02

Tot Ion:	101	Resp:	63227
Ion Ratio	Lower	Upper	
101	100		
85	42.0	33.7	50.5
151	90.8	72.3	108.5

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#10

Methyl Iodide

Concen: 21.57 ug/l

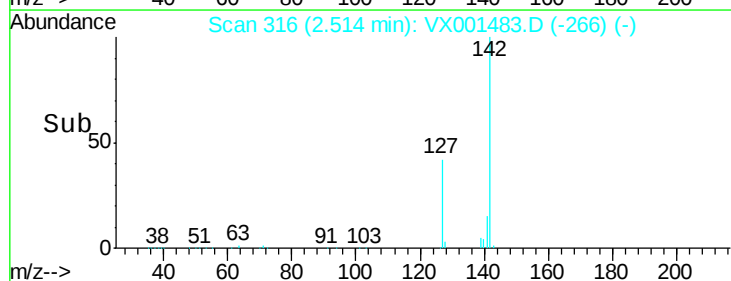
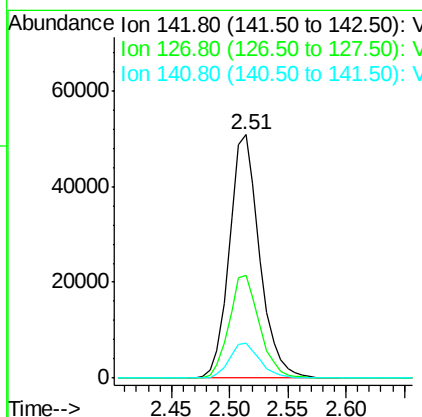
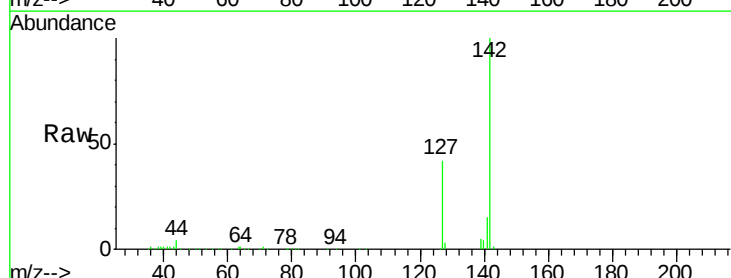
RT: 2.51 min Scan# 316

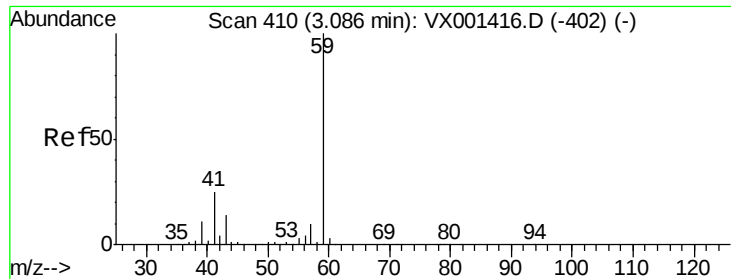
Delta R.T. 0.01 min

Lab File: VX001483.D

Acq: 07 May 2018 23:47

Tgt Ion:	142	Resp:	91800
Ion Ratio	Lower	Upper	
142	100		
127	42.8	33.6	50.4
141	14.5	11.4	17.2





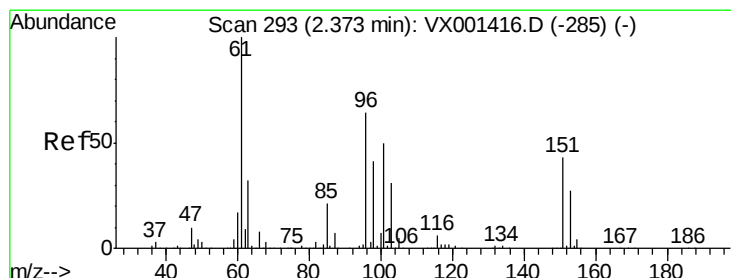
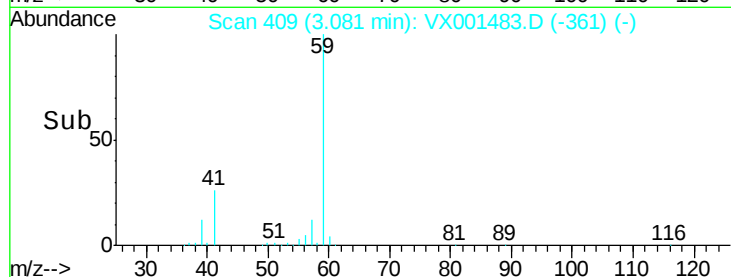
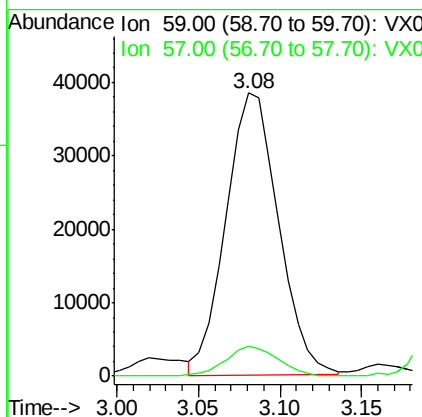
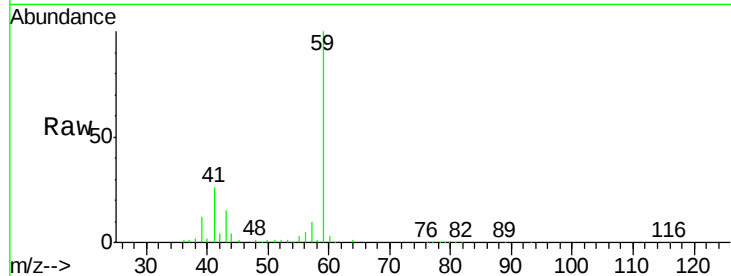
#11
Tert butyl alcohol
Concen: 116.40 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX001483.D
Acq: 07 May 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD02

Tot Ion: 59 Resp: 86170
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

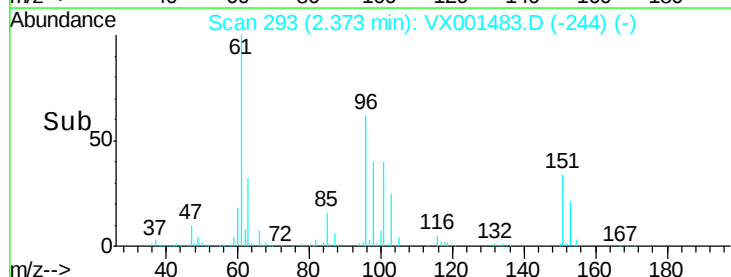
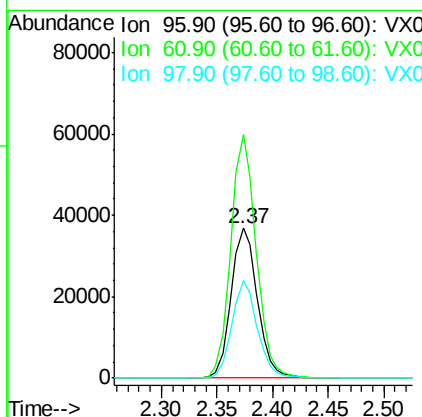
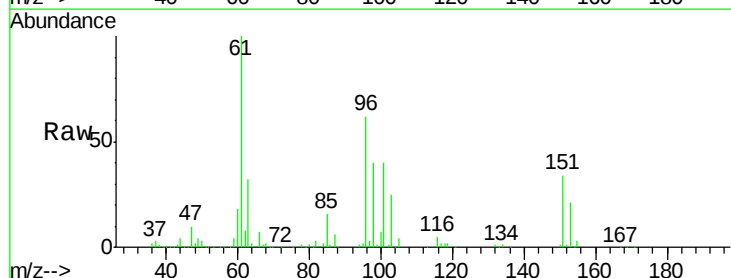
Manual Integrations
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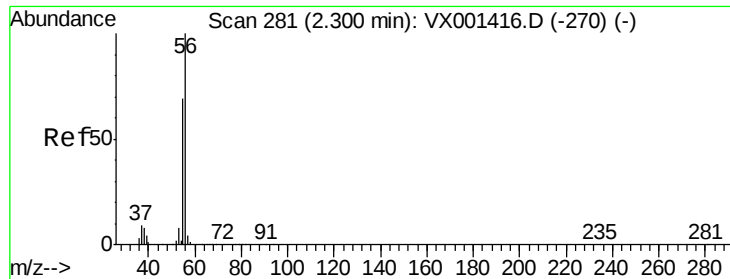
MMDadoda
5/9/2018 5:47:36 PM



#12
1,1-Dichloroethene
Concen: 22.28 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001483.D
Acq: 07 May 2018 23:47

Tgt Ion: 96 Resp: 60237
Ion Ratio Lower Upper
96 100
61 162.3 125.7 188.5
98 65.5 52.0 78.0





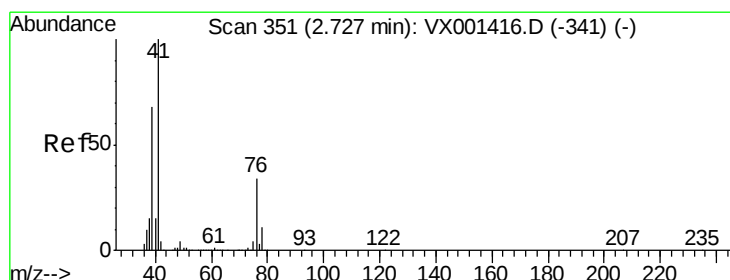
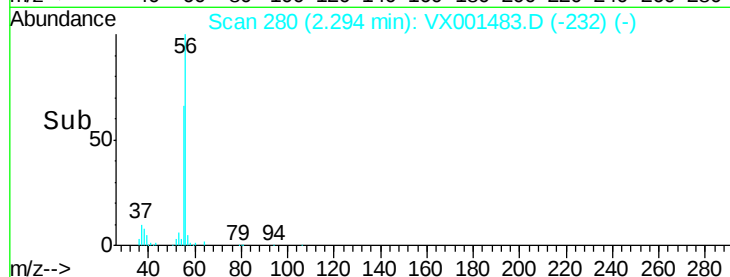
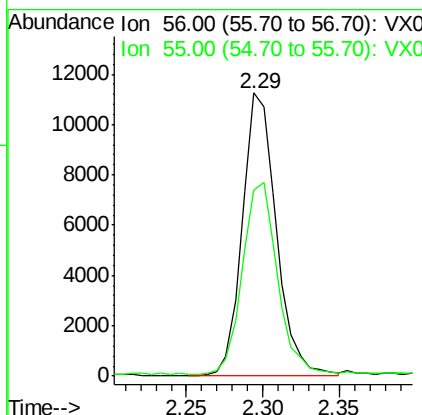
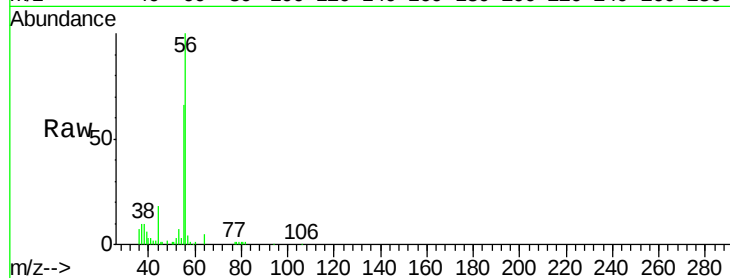
#13
Acrolein
Concen: 112.87 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX001483.D
Acq: 07 May 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.8	54.5	81.7

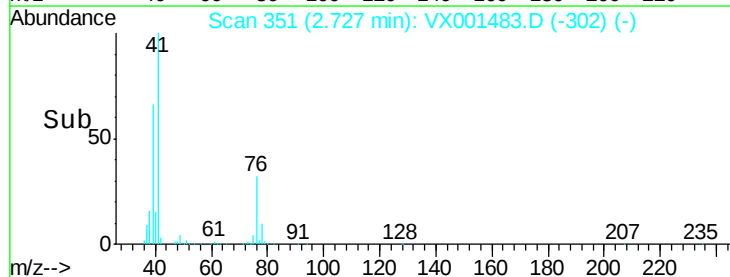
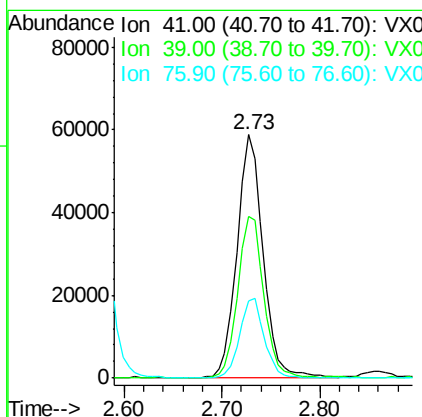
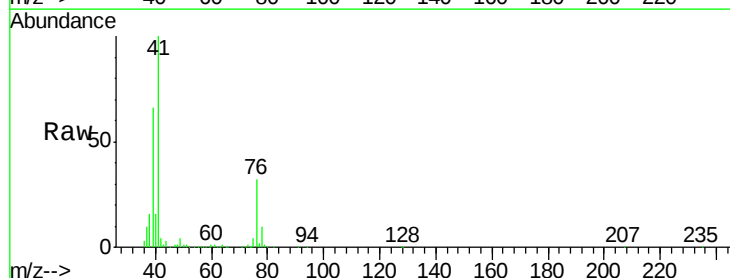
Manual Integrations
APPROVED

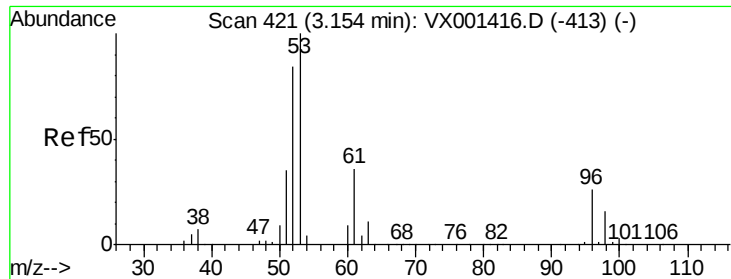
MMDadoda
5/9/2018 5:47:36 PM



#14
Allyl chloride
Concen: 21.56 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX001483.D
Acq: 07 May 2018 23:47

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.8	52.4	78.6
76	31.1	25.8	38.6





#15

Acrylonitrile

Concen: 111.76 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001483.D

Acq: 07 May 2018 23:47

Instrument :

MSVOA_X

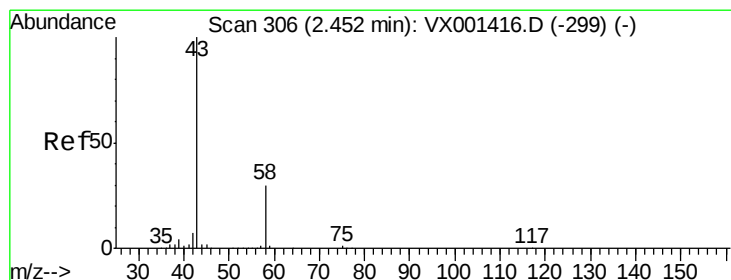
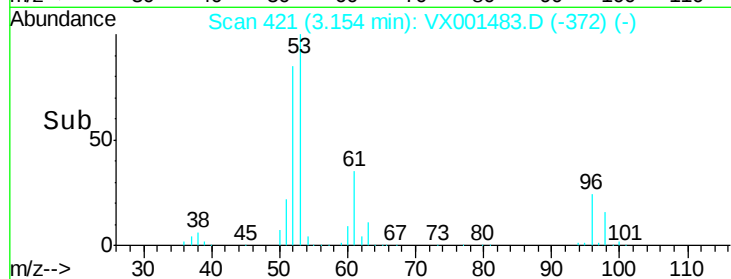
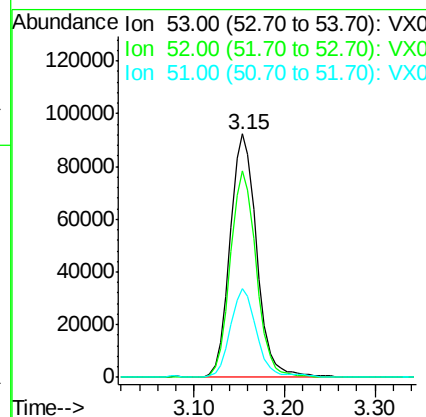
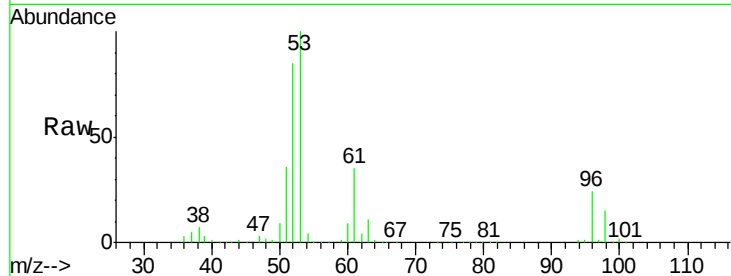
ClientSampleId :

VX0507WBSD02

Tot Ion:	53	Resp:	186967
Ion Ratio		Lower	Upper
53	100		
52	83.1	66.2	99.2
51	36.2	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 106.19 ug/l

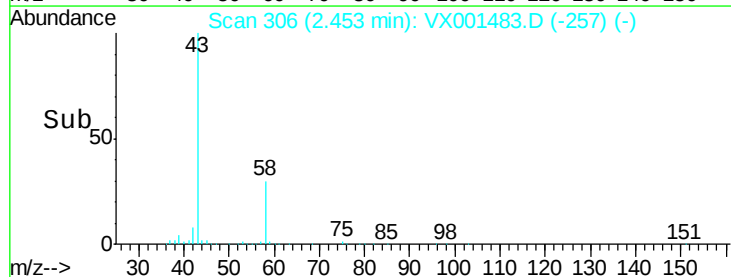
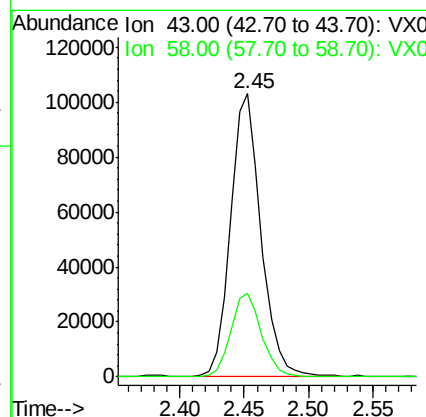
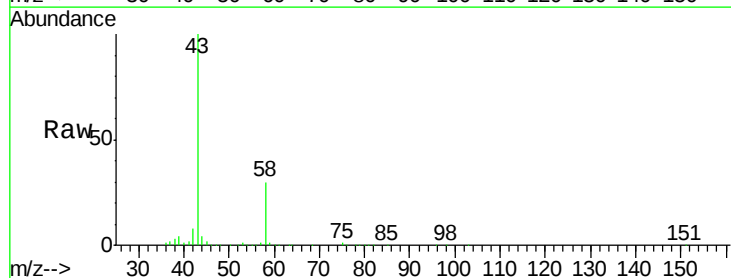
RT: 2.45 min Scan# 306

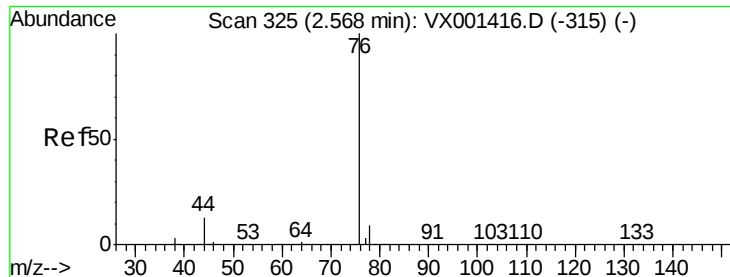
Delta R.T. 0.00 min

Lab File: VX001483.D

Acq: 07 May 2018 23:47

Tgt Ion:	43	Resp:	169306
Ion Ratio		Lower	Upper
43	100		
58	29.8	23.8	35.8





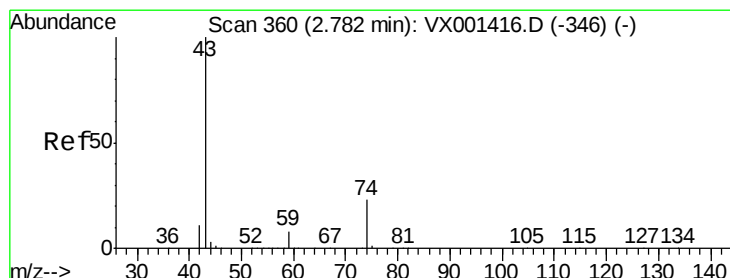
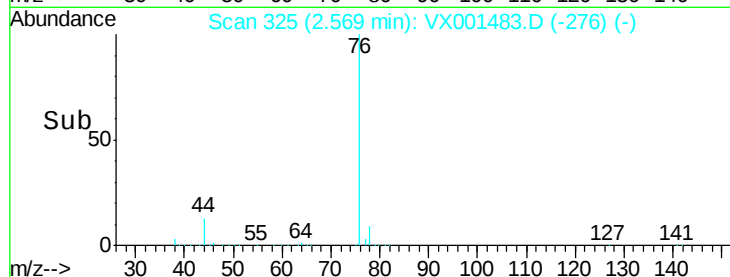
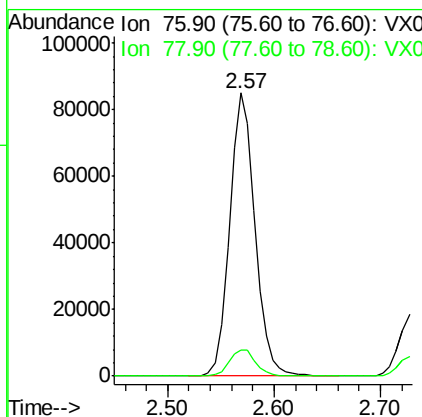
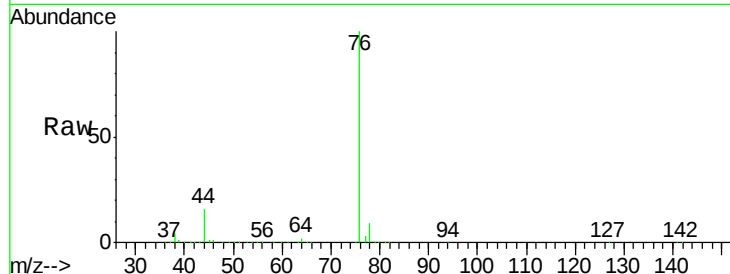
#17
Carbon Disulfide
Concen: 20.56 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX001483.D
Acq: 07 May 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.2

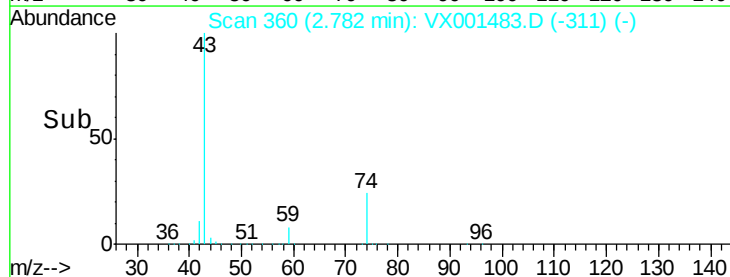
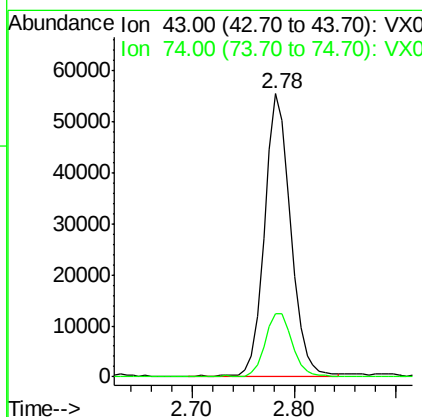
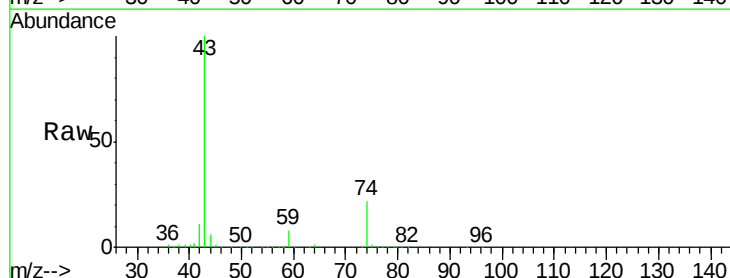
Manual Integrations
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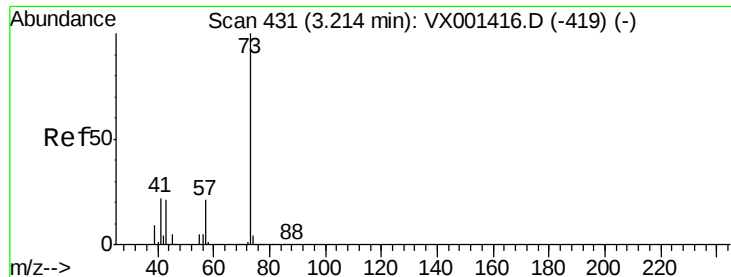
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#18
Methyl Acetate
Concen: 23.31 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001483.D
Acq: 07 May 2018 23:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	18.6	27.8





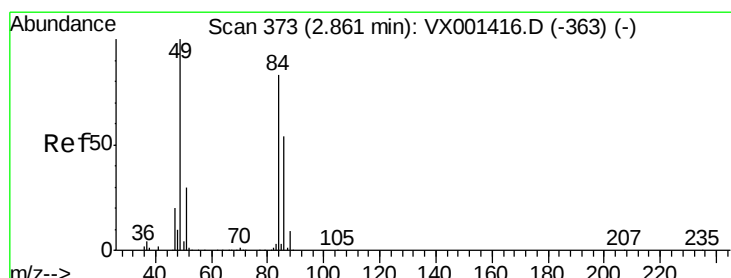
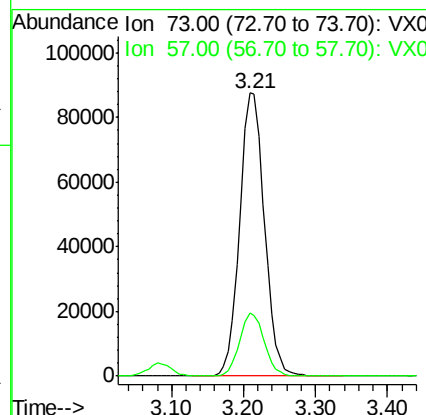
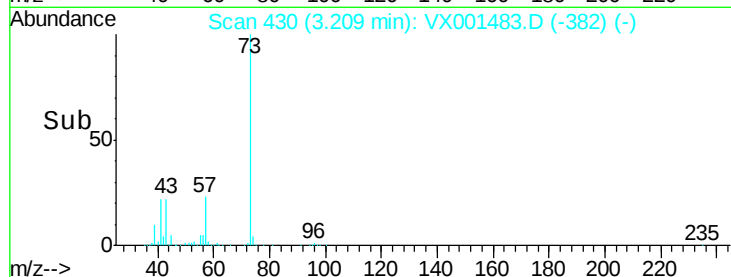
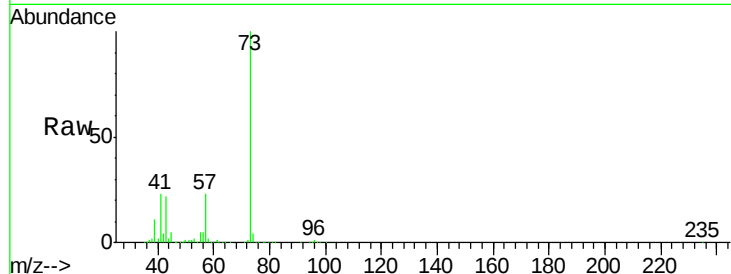
#19
Methvl tert-butvl Ether
Concen: 22.23 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX001483.D
Acq: 07 May 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	17.0	25.6

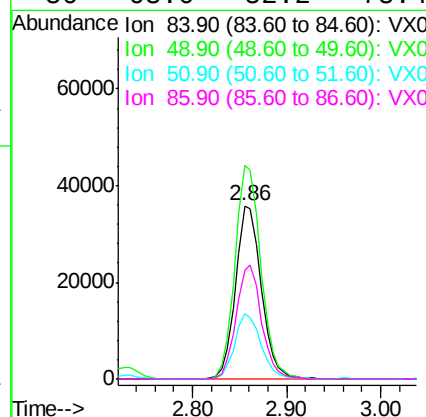
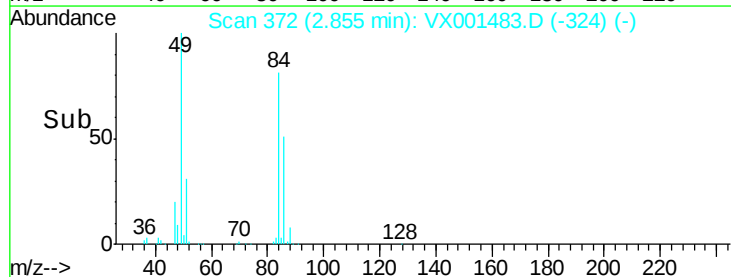
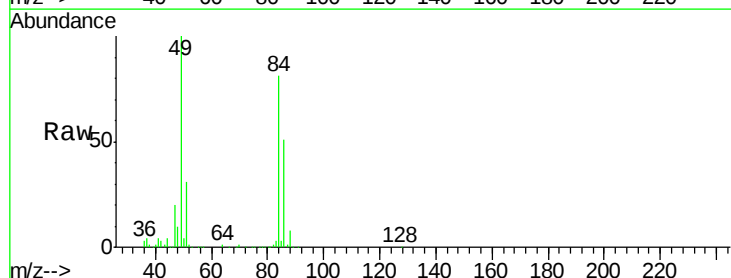
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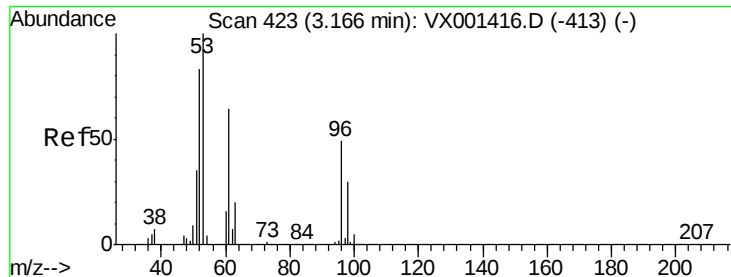
MMDadoda
5/9/2018 5:47:36 PM



#20
Methylene Chloride
Concen: 21.58 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001483.D
Acq: 07 May 2018 23:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.2	96.6	144.8
51	38.1	29.0	43.4
86	63.0	52.2	78.4





#21

trans-1,2-Dichloroethene

Concen: 21.27 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001483.D

Acq: 07 May 2018 23:47

Instrument :

MSVOA_X

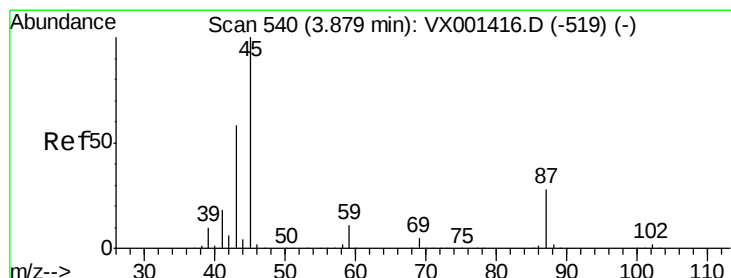
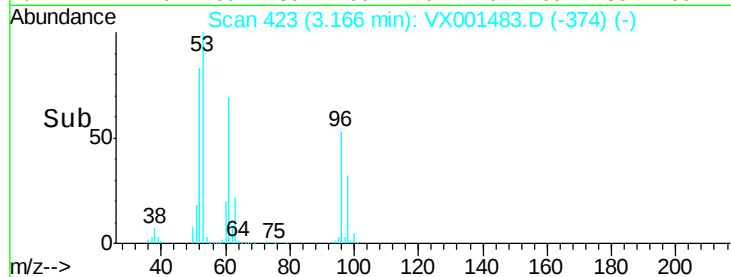
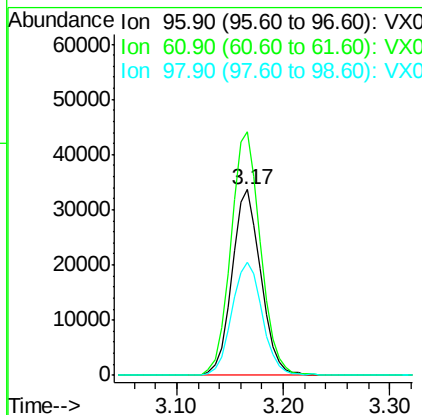
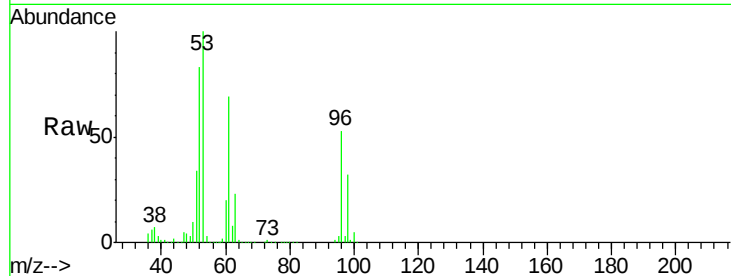
ClientSampleId :

VX0507WBSD02

Tot Ion:	96	Resp:	64178
Ion	Ratio	Lower	Upper
96	100		
61	131.1	105.0	157.4
98	61.0	49.9	74.9

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#22

Diisopropyl ether

Concen: 21.56 ug/l

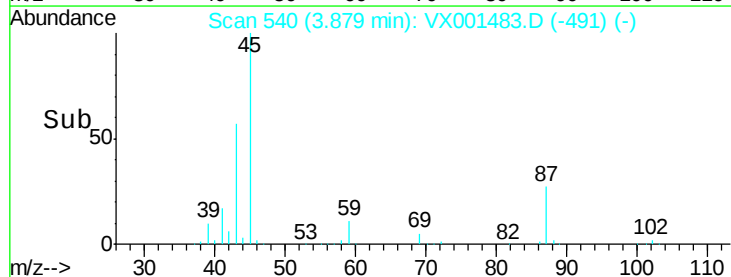
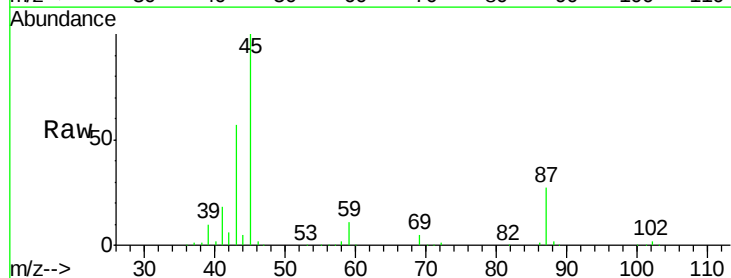
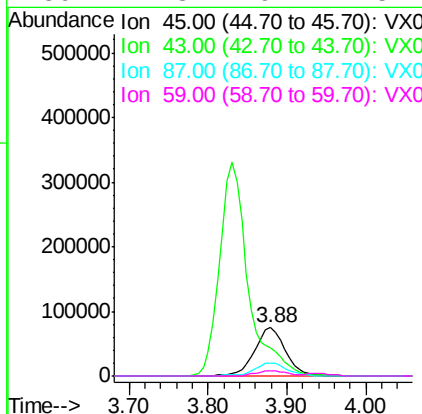
RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001483.D

Acq: 07 May 2018 23:47

Tgt Ion:	45	Resp:	203038
Ion	Ratio	Lower	Upper
45	100		
43	57.0	46.5	69.7
87	27.2	22.6	34.0
59	11.3	9.1	13.7





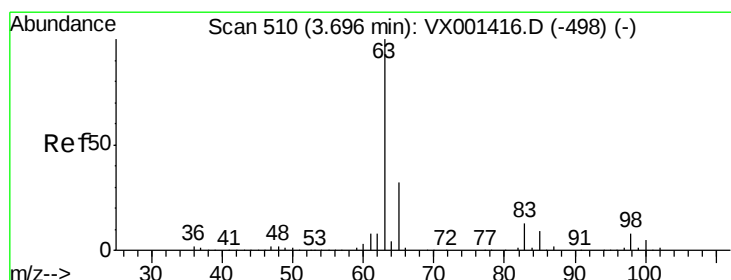
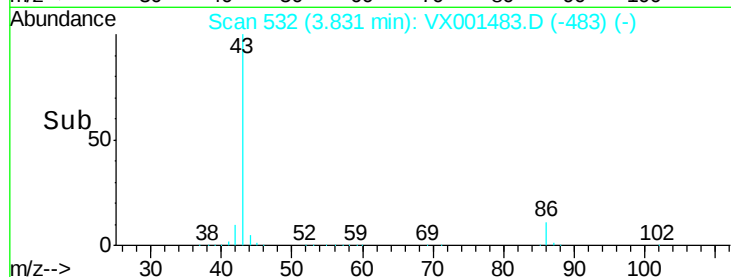
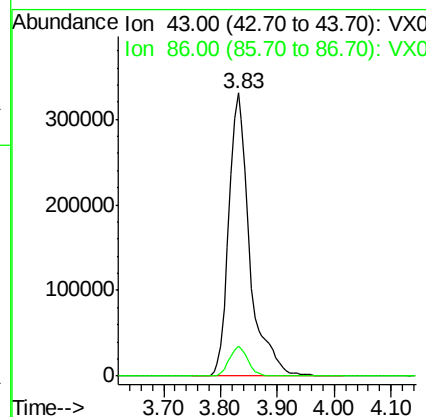
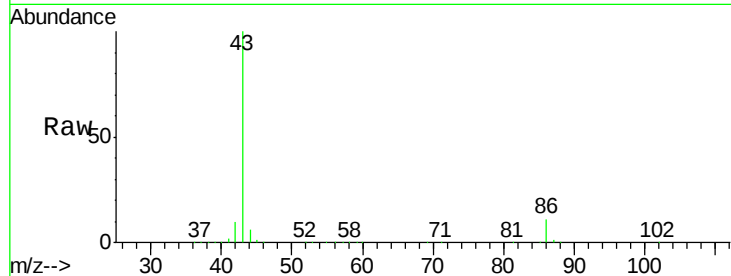
#23
 Vinyl Acetate
 Concen: 107.42 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VX001483.D
 Acq: 07 May 2018 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBSD02

Tot Ion: 43 Resp: 843022
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.6 13.0

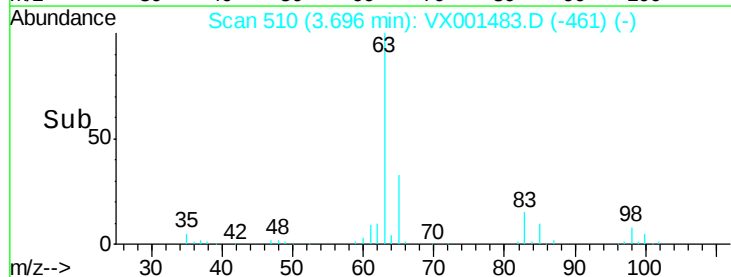
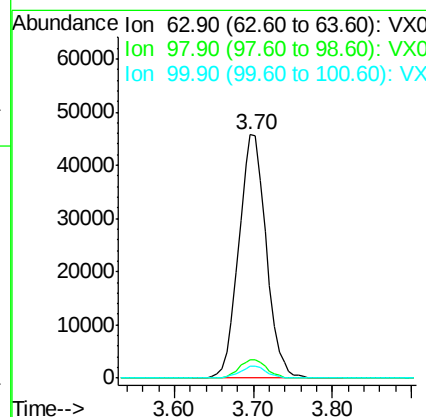
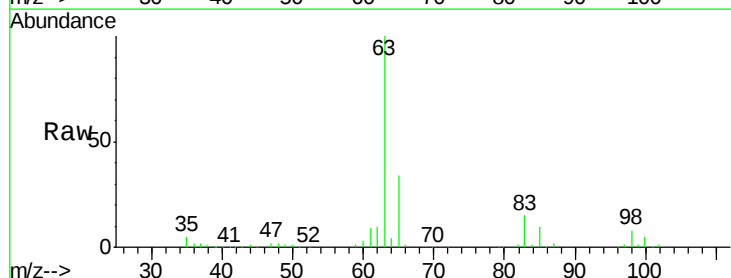
Manual Integrations
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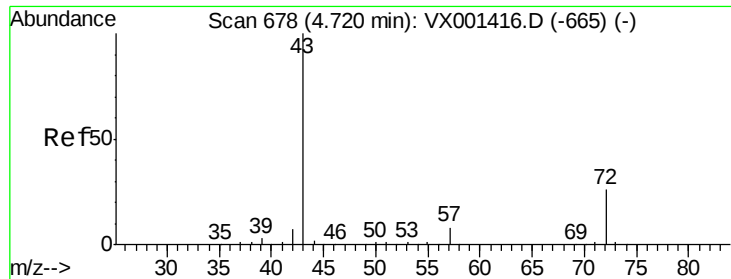
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#24
 1,1-Dichloroethane
 Concen: 21.02 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX001483.D
 Acq: 07 May 2018 23:47

Tgt Ion: 63 Resp: 110549
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.8 11.4
 100 5.0 2.4 7.1





#25

2-Butanone

Concen: 109.88 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001483.D

Acq: 07 May 2018 23:47

Tot Ion: 43 Resp: 253229

Ion Ratio Lower Upper

43 100

72 23.6 20.7 31.1

Instrument :

MSVOA_X

ClientSampleId :

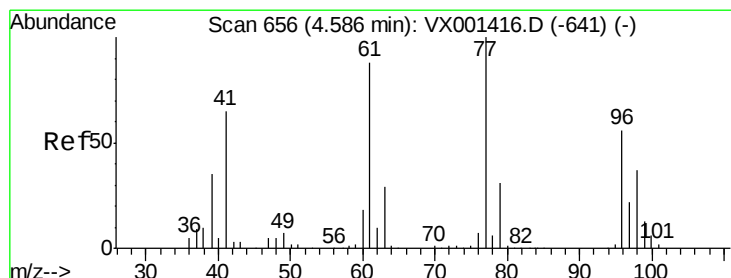
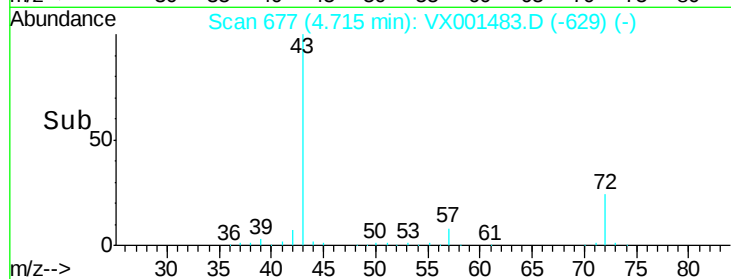
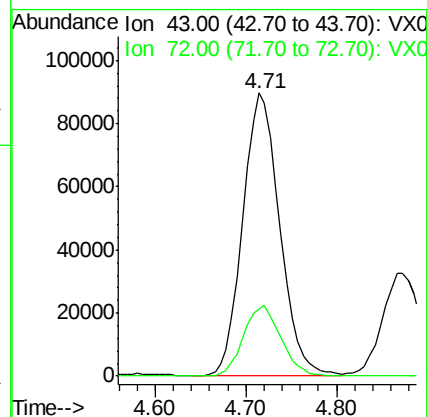
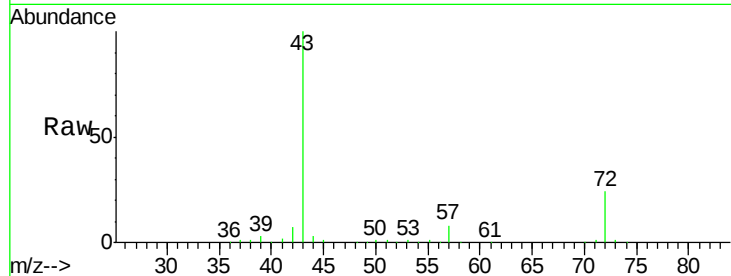
VX0507WBSD02

Manual Integrations

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5/9/2018 5:47:36 PM



#26

2,2-Dichloropropane

Concen: 16.37 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001483.D

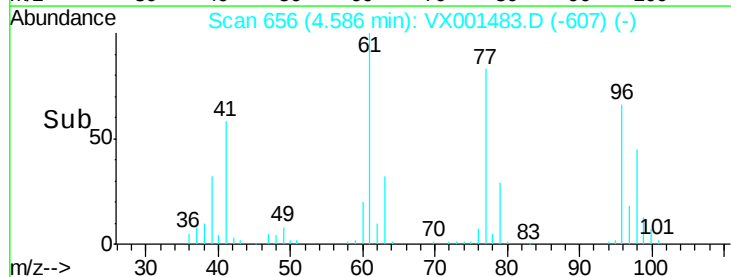
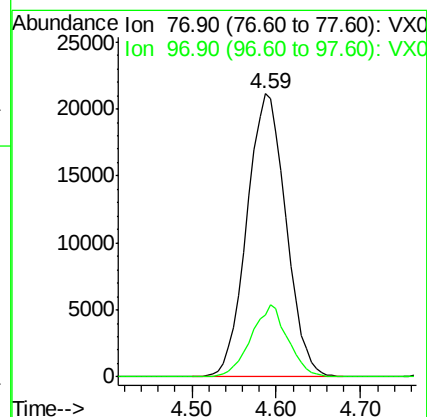
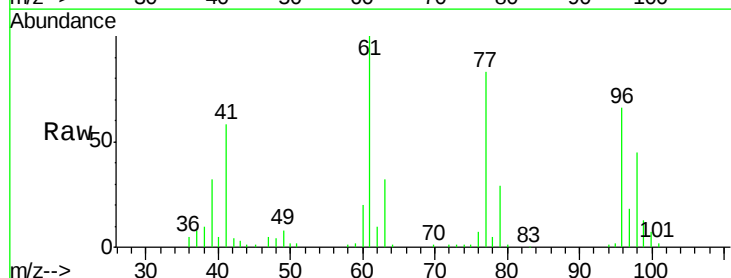
Acq: 07 May 2018 23:47

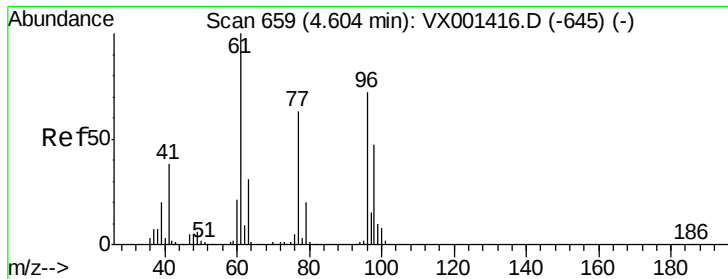
Tgt Ion: 77 Resp: 66499

Ion Ratio Lower Upper

77 100

97 24.0 11.2 33.6





#27

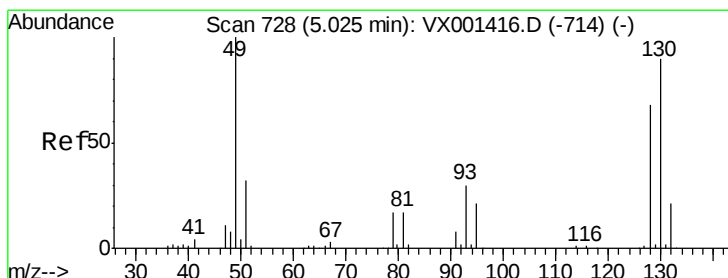
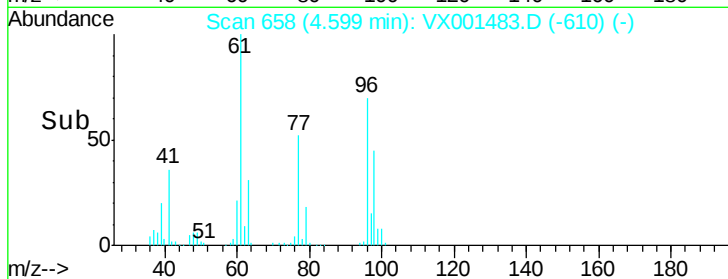
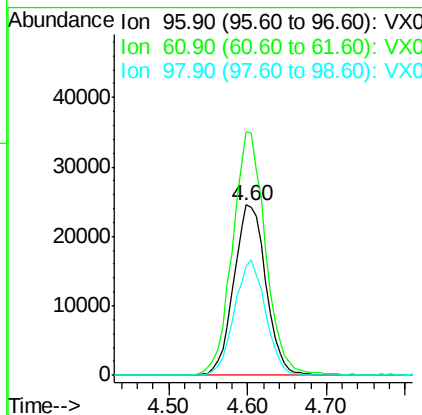
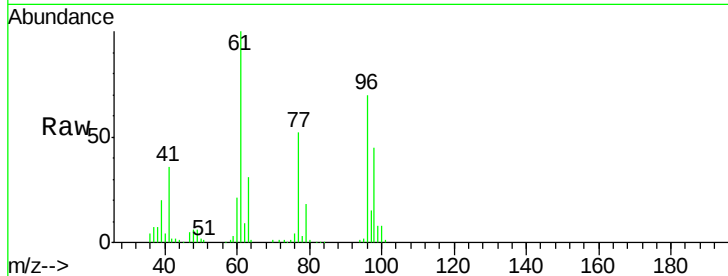
cis-1,2-Dichloroethene
 Concen: 21.64 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: VX001483.D
 Acq: 07 May 2018 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	69533		
61	147.1		0.0	301.6
98	65.6		0.0	131.6

Manual Integrations
 APPROVED

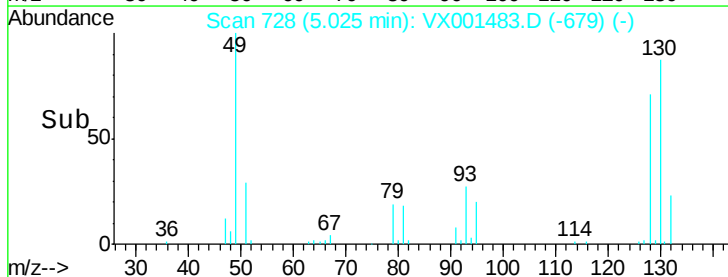
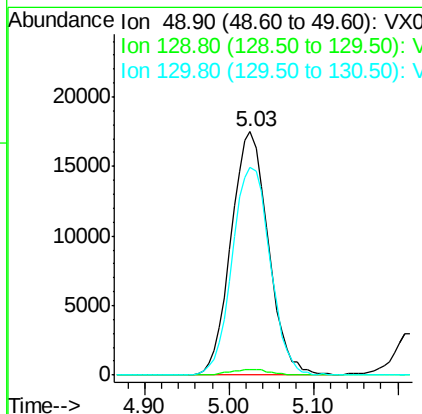
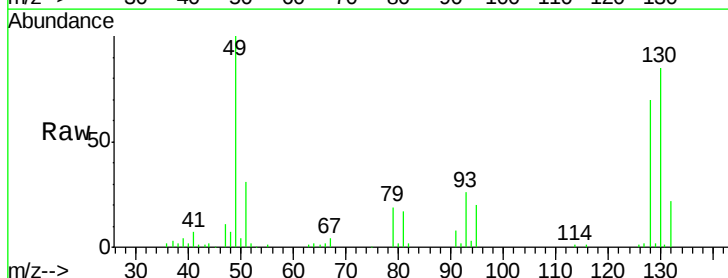
MMDadoda
 5/9/2018 5:47:36 PM

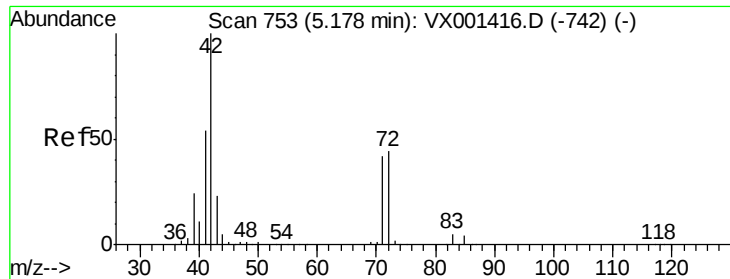


#28

Bromochloromethane
 Concen: 22.99 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. 0.00 min
 Lab File: VX001483.D
 Acq: 07 May 2018 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	52443		
129	2.5		0.0	4.8
130	87.1		71.9	107.9





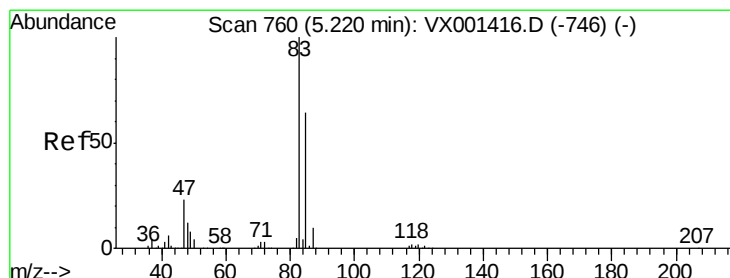
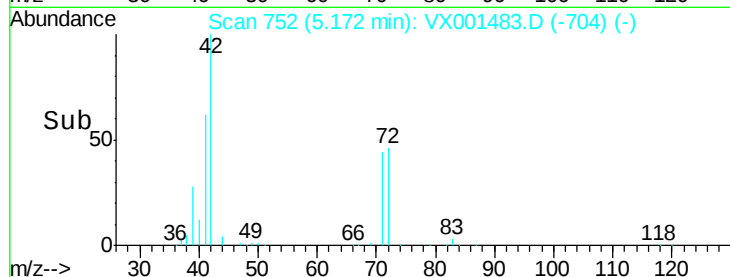
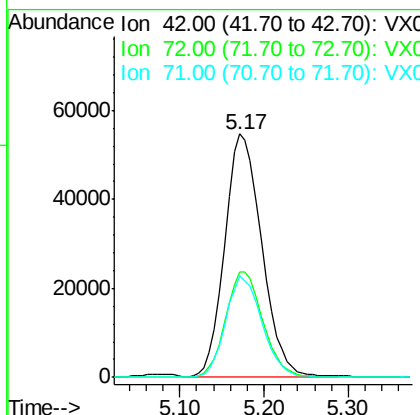
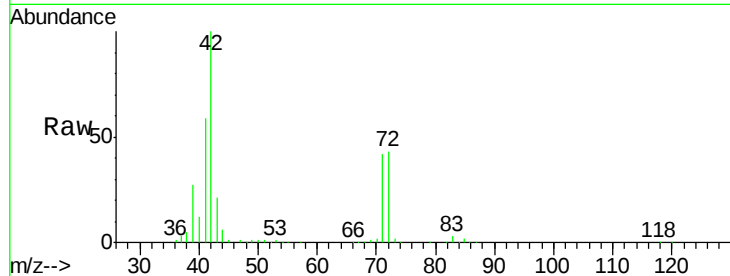
#29
Tetrahydrofuran
Concen: 110.03 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX001483.D
Acq: 07 May 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.3	35.4	53.2
71	41.1	33.0	49.4

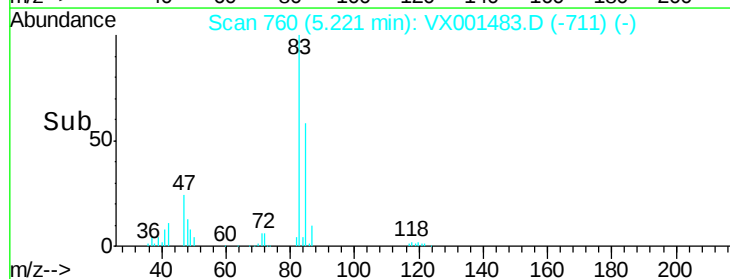
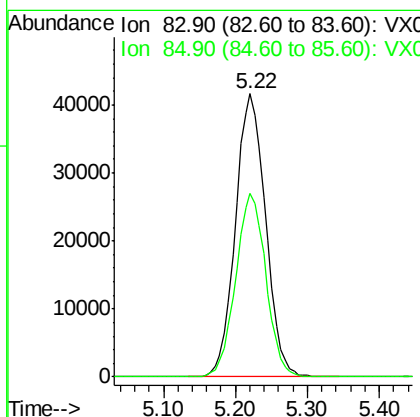
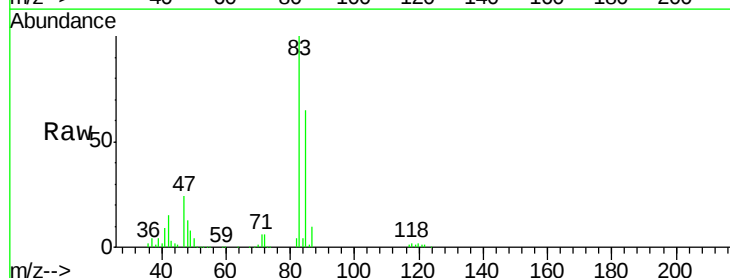
Manual Integrations
APPROVED

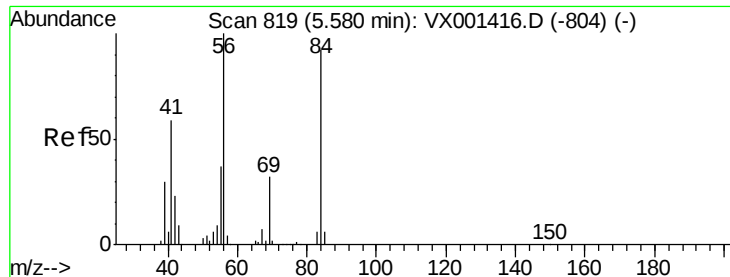
MMDadoda
5/9/2018 5:47:36 PM



#30
Chloroform
Concen: 22.32 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001483.D
Acq: 07 May 2018 23:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.0	76.4





#31

Cyclohexane

Concen: 21.20 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001483.D

Acq: 07 May 2018 23:47

Instrument :

MSVOA_X

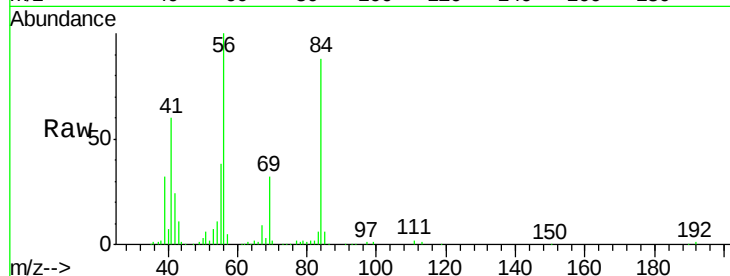
ClientSampleId :

VX0507WBSD02

Tot Ion:	56	Resp:	95764
Ion	Ratio	Lower	Upper
56	100		
69	31.8	25.4	38.0
84	86.8	73.8	110.8

Manual Integrations
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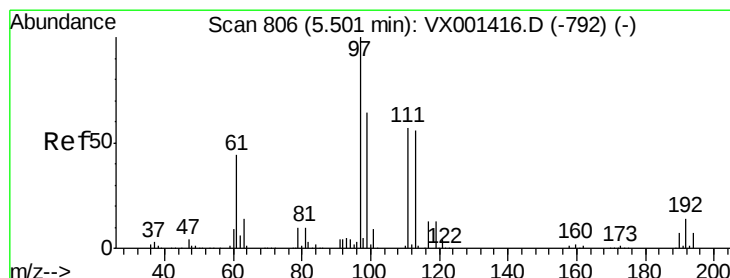
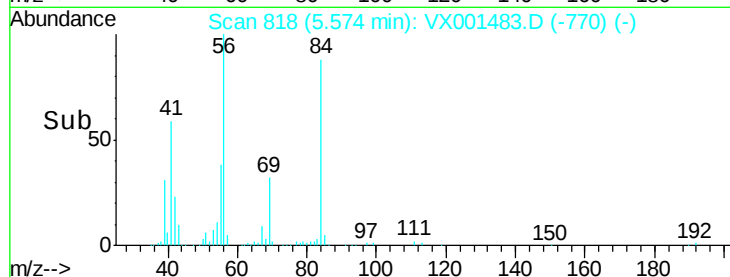
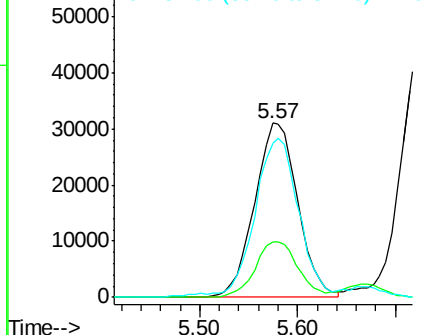


Abundance

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



#32

1,1,1-Trichloroethane

Concen: 22.50 ug/l

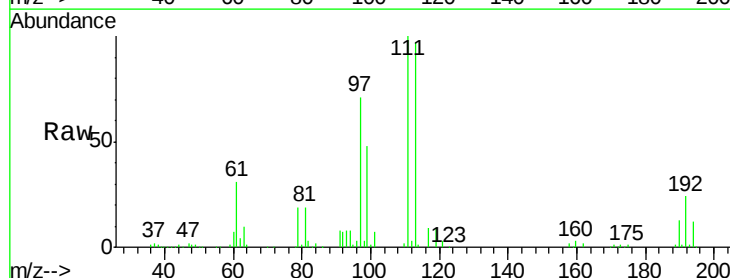
RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001483.D

Acq: 07 May 2018 23:47

Tgt Ion:	97	Resp:	106569
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.3	76.9
61	43.9	34.8	52.2

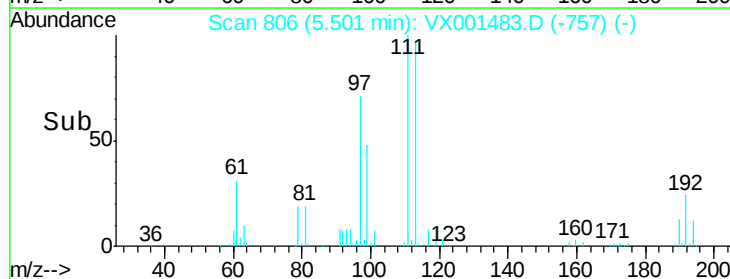
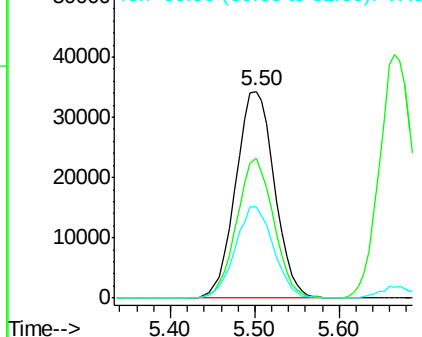


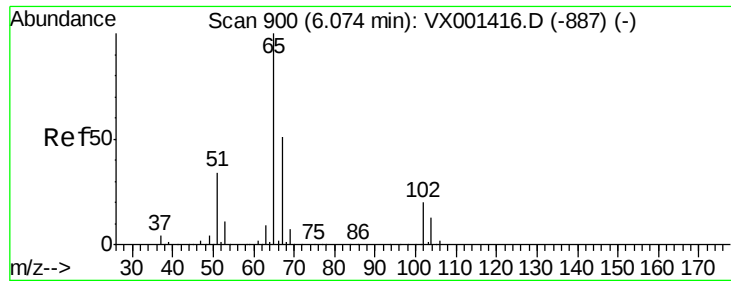
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.74 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001483.D

Acq: 07 May 2018 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBSD02

Tot Ion: 65 Resp: 181676

Ion Ratio Lower Upper

65 100

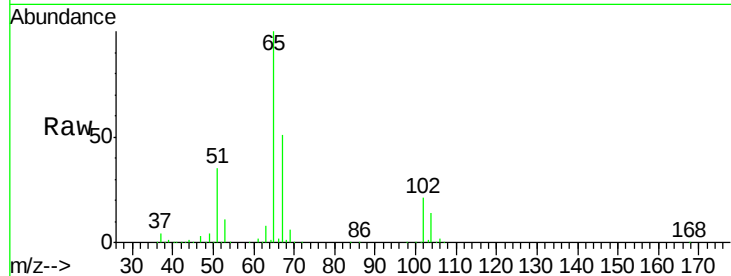
67 50.5 0.0 101.8

Manual Integrations

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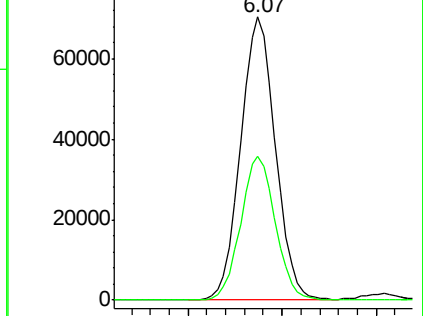
MMDadoda

5/9/2018 5:47:36 PM

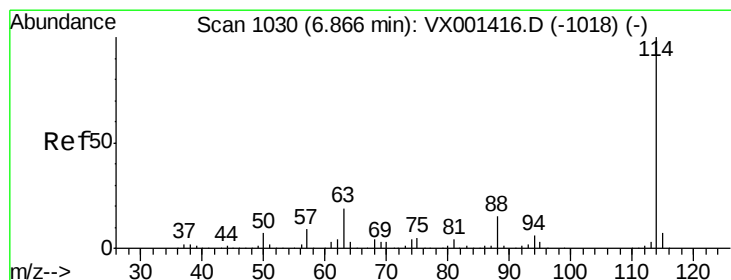
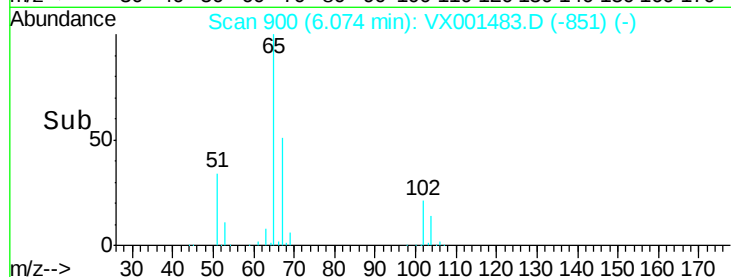


Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001483.D

Acq: 07 May 2018 23:47

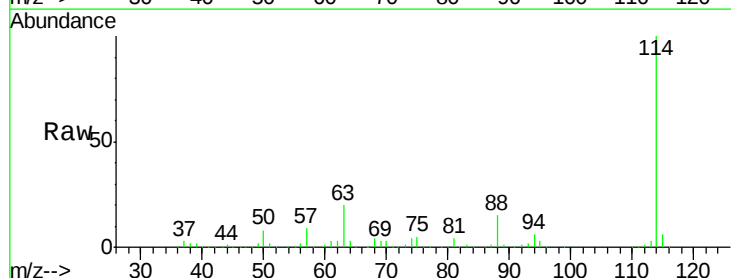
Tgt Ion: 114 Resp: 323816

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.6

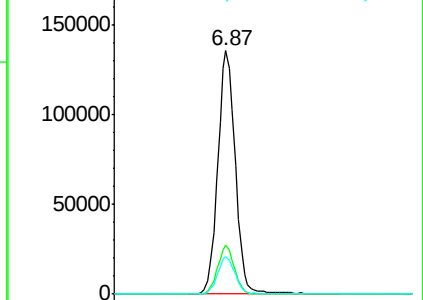
88 15.2 0.0 30.8



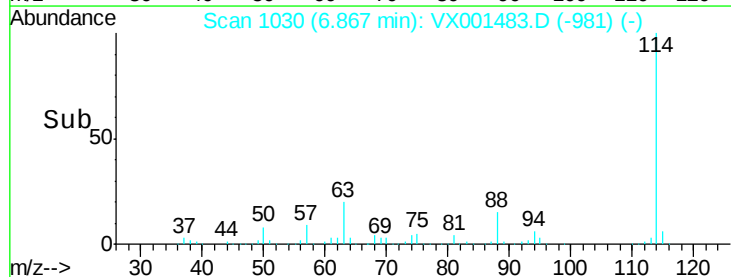
Abundance Ion 113.90 (113.60 to 114.60): V

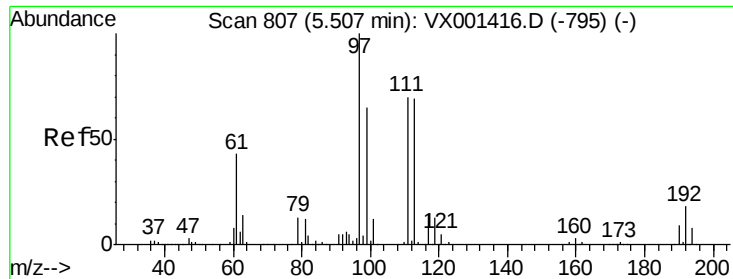
Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



Time-->





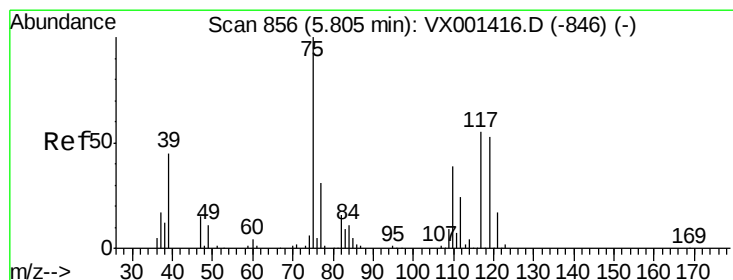
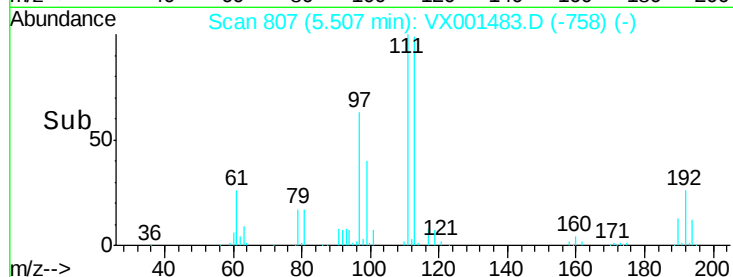
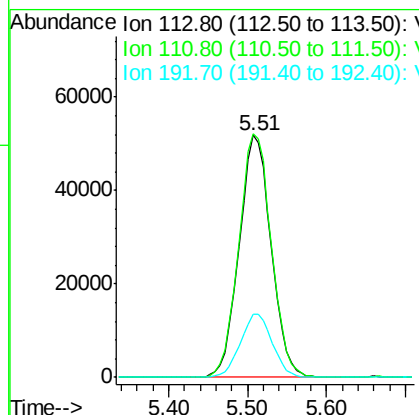
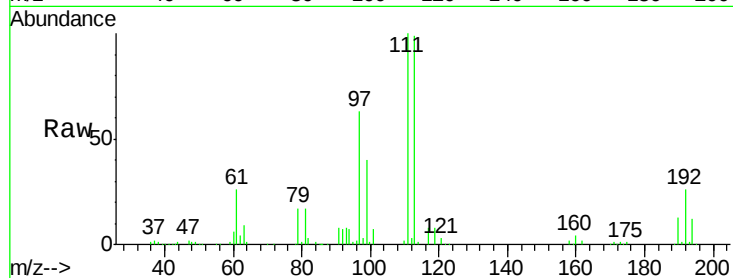
#35
 Dibromofluoromethane
 Concen: 50.59 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001483.D
 Acq: 07 May 2018 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	145720		
111	102.5	82.2	123.2	
192	26.2	21.4	32.0	

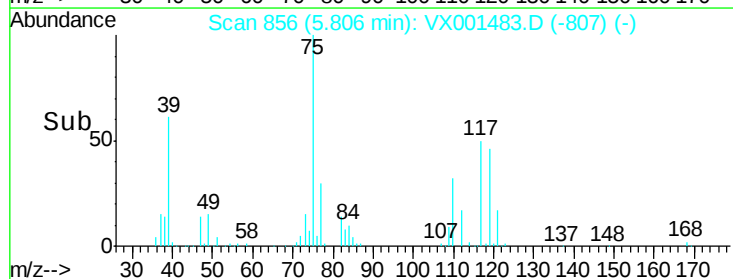
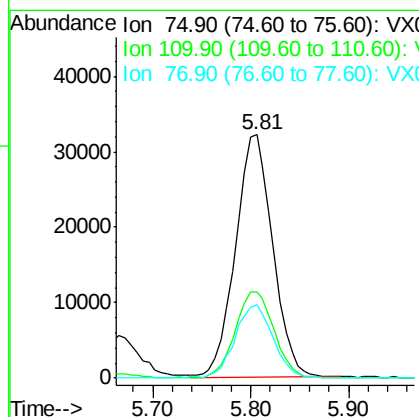
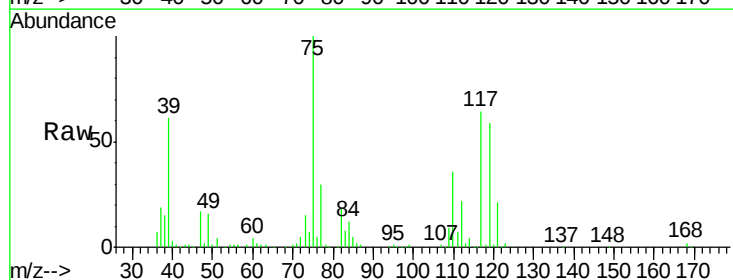
Manual Integrations
 APPROVED

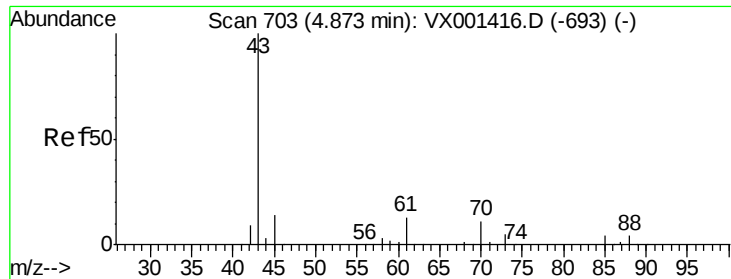
MMDadoda
 5/9/2018 5:47:36 PM



#36
 1,1-Dichloropropene
 Concen: 20.59 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001483.D
 Acq: 07 May 2018 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	84813		
110	37.4	18.9	56.7	
77	30.9	24.9	37.3	





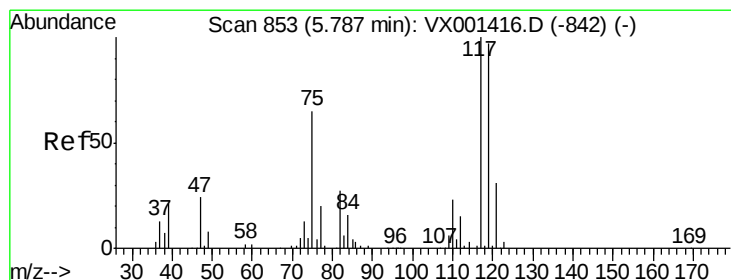
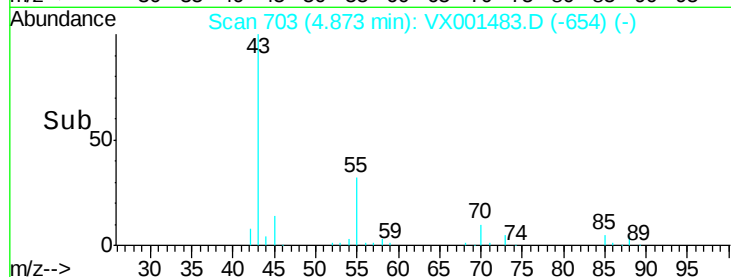
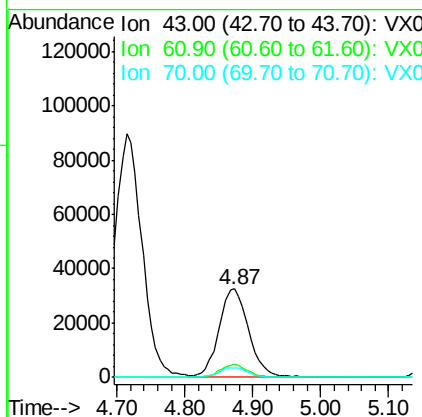
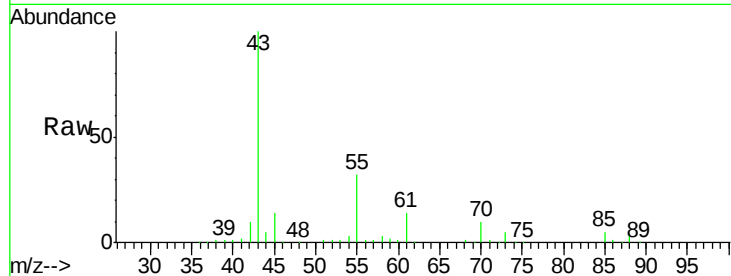
#37
Ethyl Acetate
Concen: 21.73 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX001483.D
Acq: 07 May 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.7	16.1
70	10.5	8.4	12.6

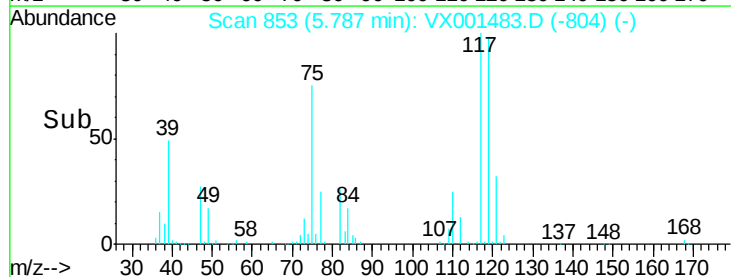
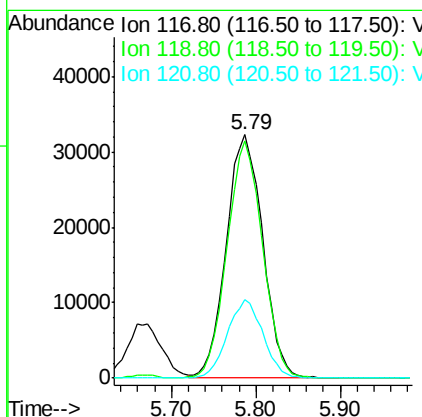
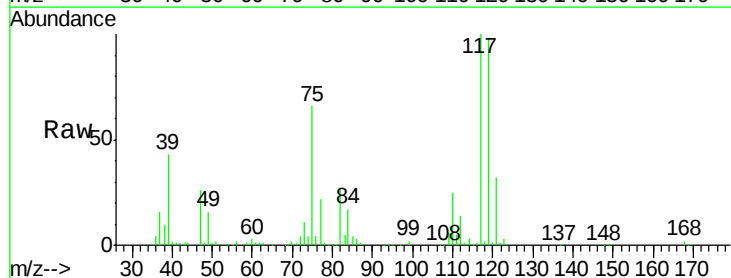
Manual Integrations
APPROVED

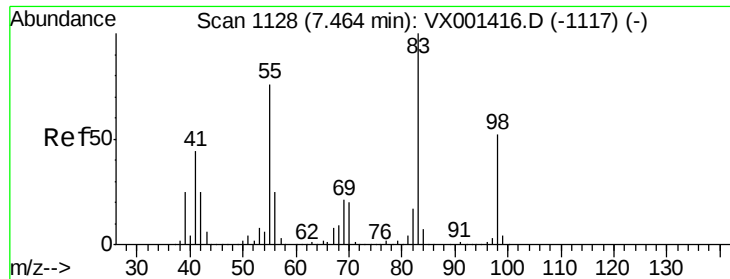
MMDadoda
5/9/2018 5:47:36 PM



#38
Carbon Tetrachloride
Concen: 21.63 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001483.D
Acq: 07 May 2018 23:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.0	115.6
121	32.0	25.1	37.7





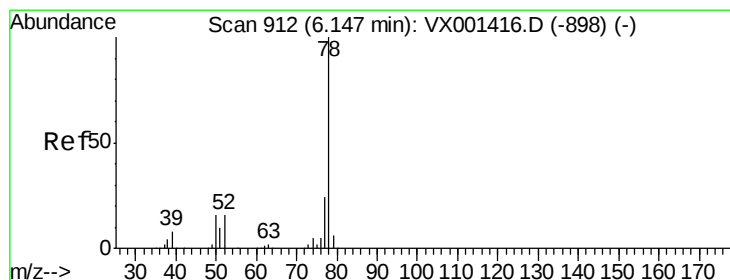
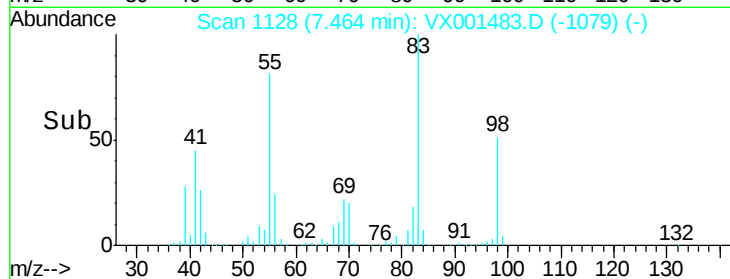
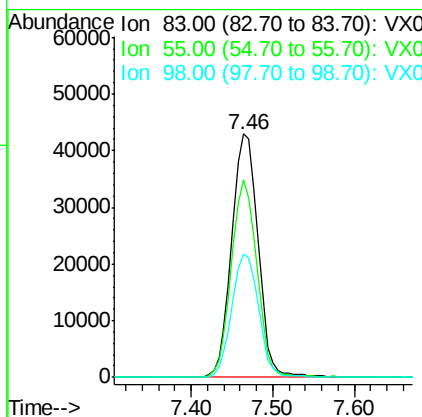
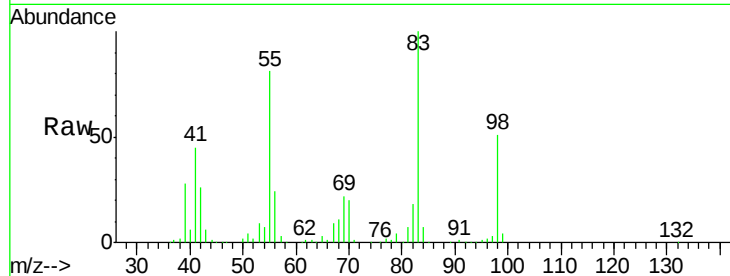
#39
Methvlcvclohexane
Concen: 19.72 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001483.D
Acq: 07 May 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.3	60.9	91.3
98	50.6	41.9	62.9

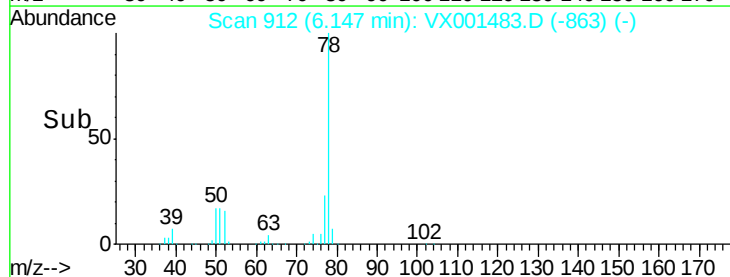
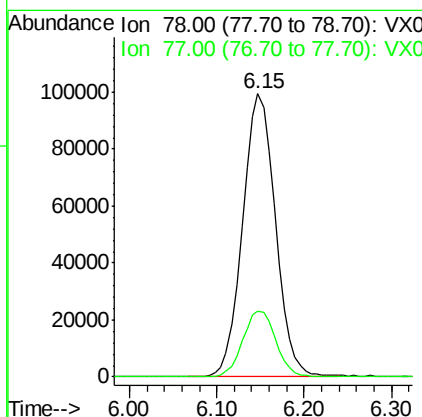
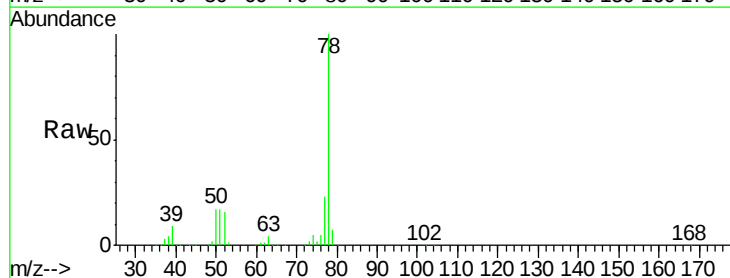
Manual Integrations
APPROVED

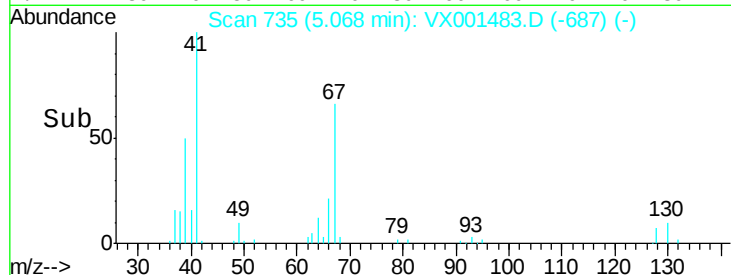
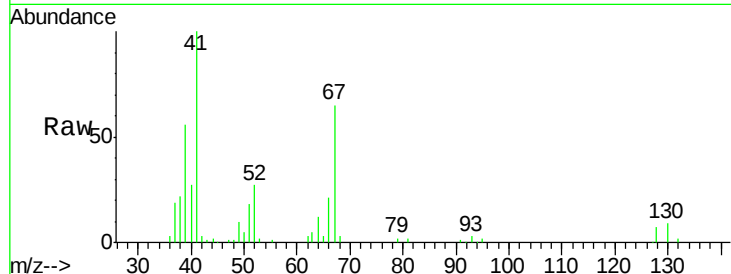
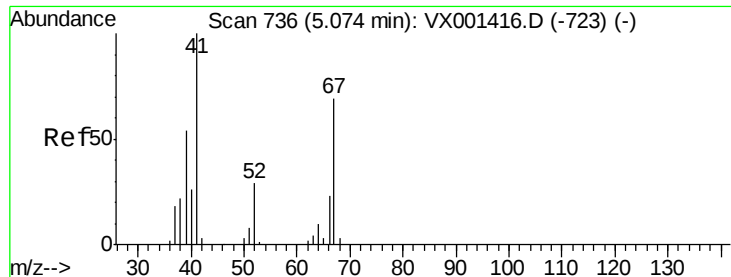
MMDadoda
5/9/2018 5:47:36 PM



#40
Benzene
Concen: 21.57 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001483.D
Acq: 07 May 2018 23:47

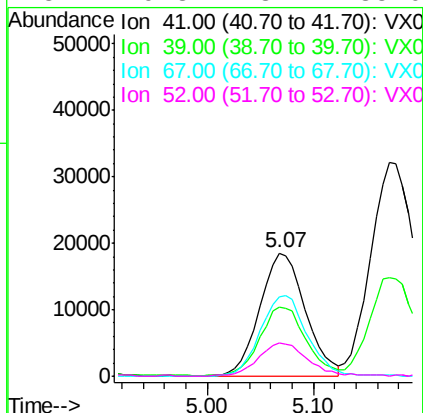
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.4	29.2





#41
Methacrylonitrile
Concen: 21.47 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX001483.D
Acq: 07 May 2018 23:47

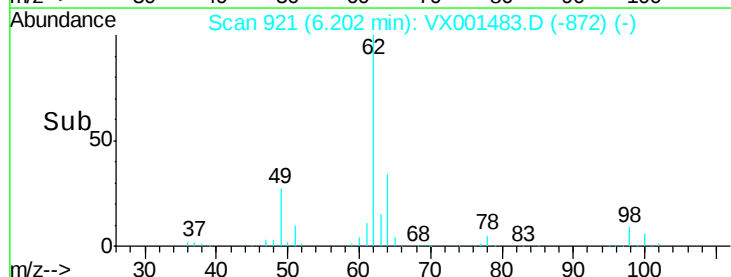
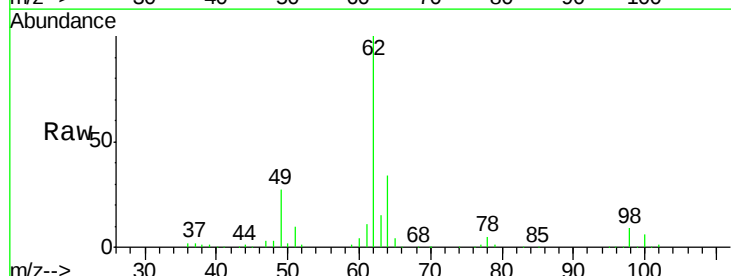
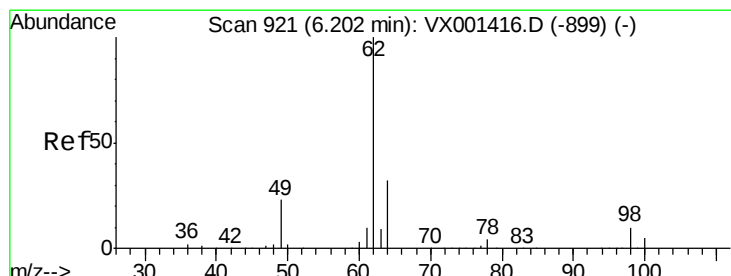
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	55.9	45.0	67.6		
67	66.4	55.0	82.6		
52	29.3	23.4	35.0		



Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD02

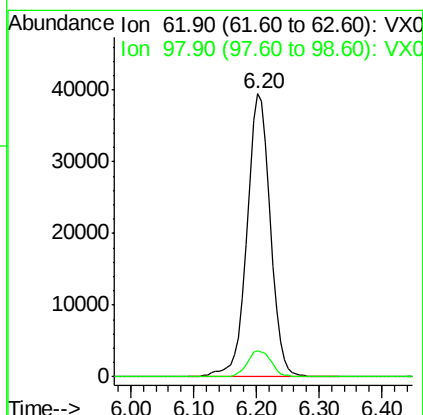
Manual Integrations
APPROVED

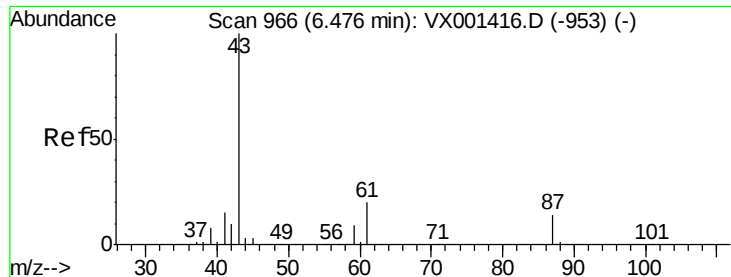
MMDadoda
5/9/2018 5:47:36 PM



#42
1,2-Dichloroethane
Concen: 22.02 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001483.D
Acq: 07 May 2018 23:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.5	0.0	19.0		





#43

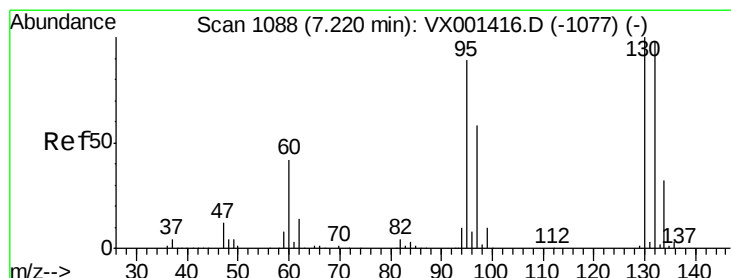
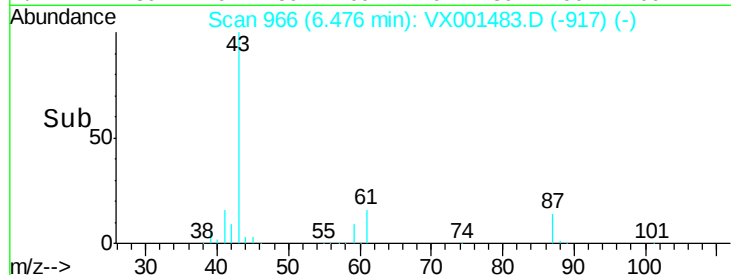
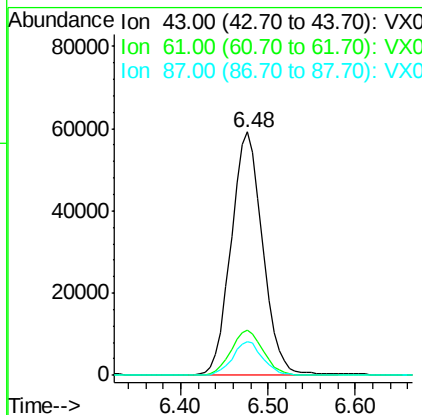
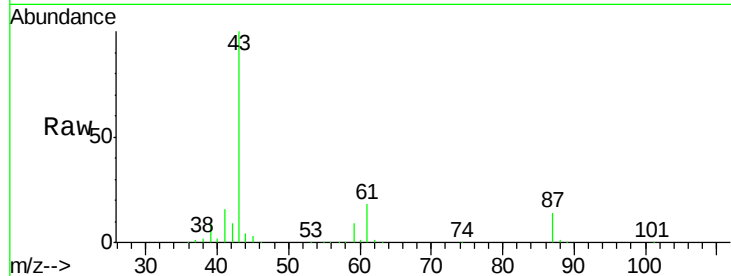
Isopropyl Acetate
 Concen: 21.39 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VX001483.D
 Acq: 07 May 2018 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.4	23.0
87	13.4	10.8	16.2

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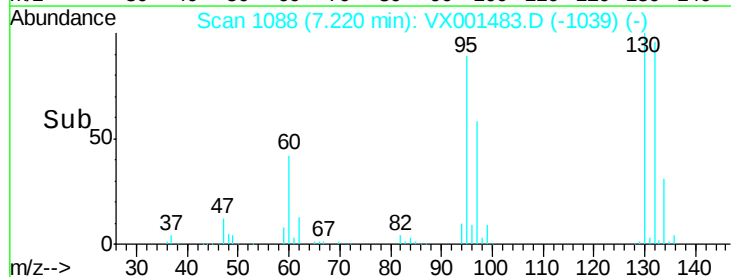
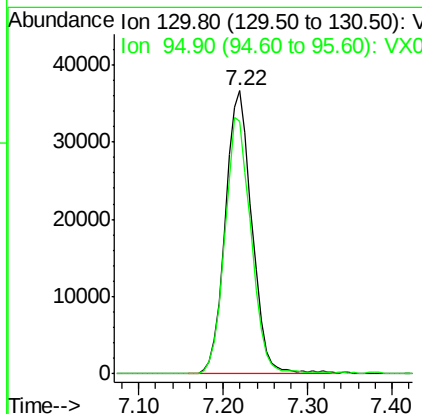
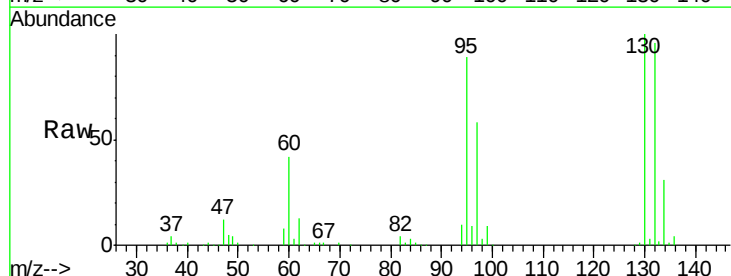
MMDadoda
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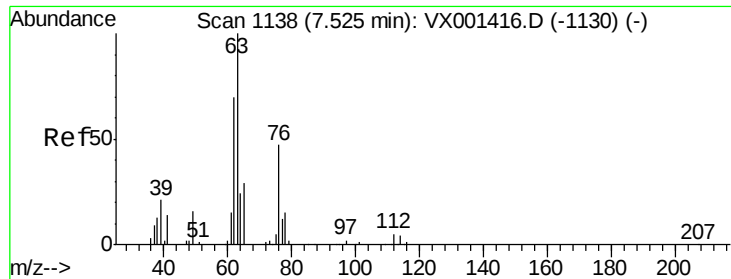


#44

Trichloroethene
 Concen: 21.52 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001483.D
 Acq: 07 May 2018 23:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.2	0.0	178.4





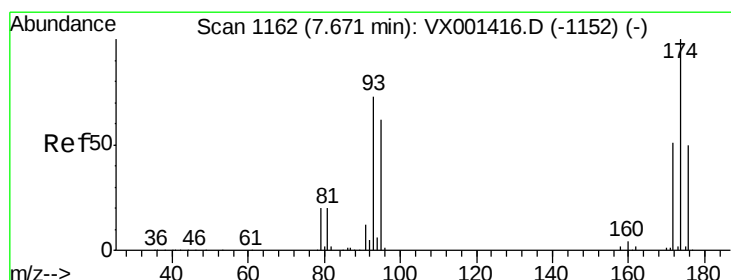
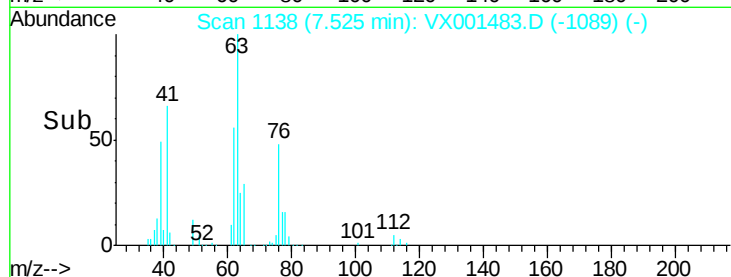
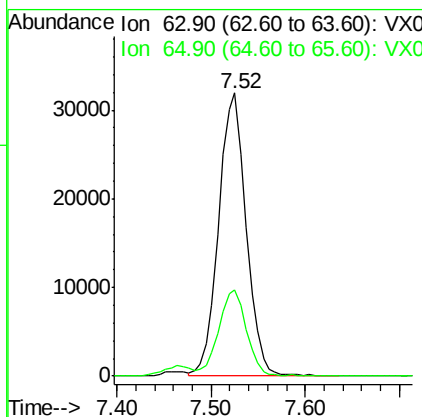
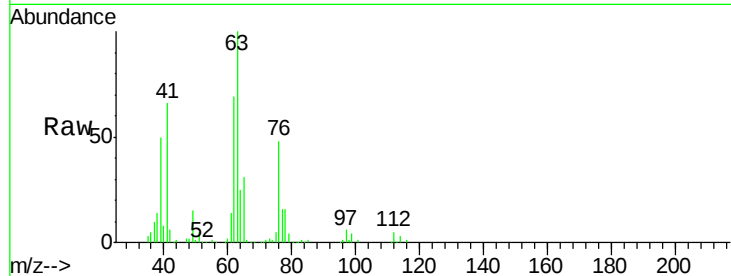
#45
 1,2-Dichloropropane
 Concen: 21.59 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001483.D
 Acq: 07 May 2018 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBSD02

Tot Ion: 63 Resp: 64756
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.5 36.7

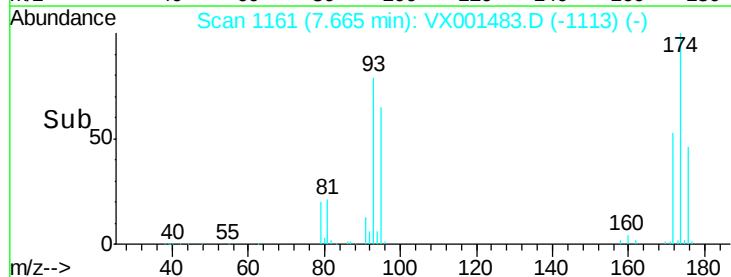
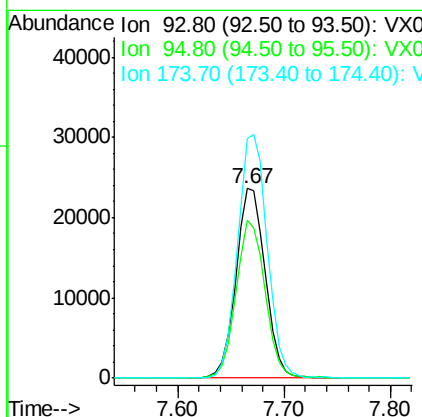
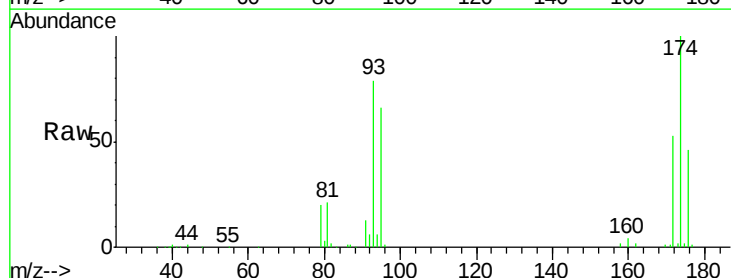
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#46
 Dibromomethane
 Concen: 21.57 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: VX001483.D
 Acq: 07 May 2018 23:47

Tgt Ion: 93 Resp: 45802
 Ion Ratio Lower Upper
 93 100
 95 82.5 67.0 100.4
 174 130.2 104.5 156.7





#47

Bromodichloromethane

Concen: 21.92 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001483.D

Acq: 07 May 2018 23:47

Instrument :

MSVOA_X

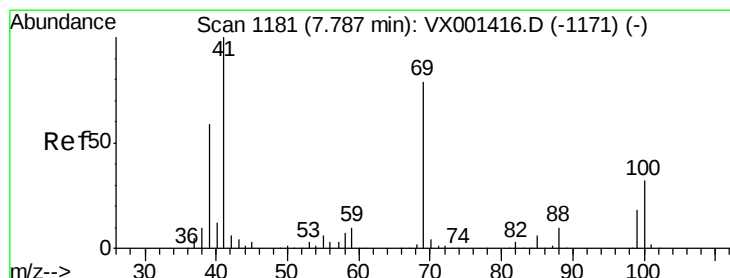
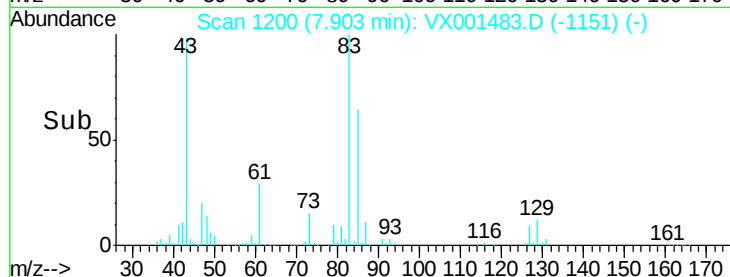
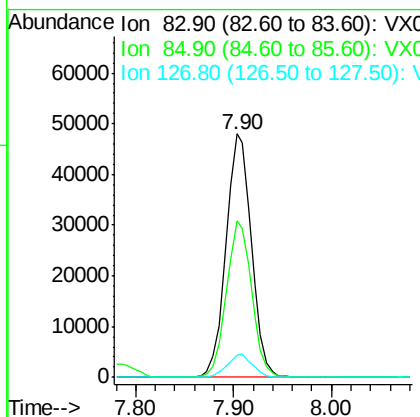
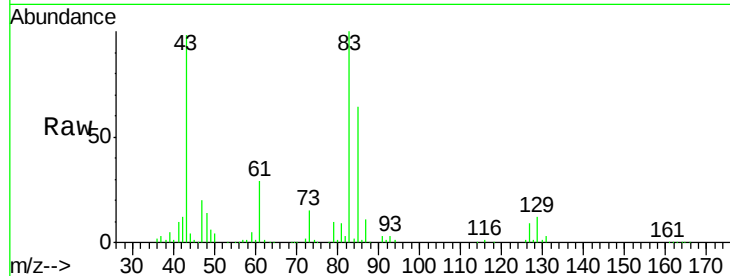
ClientSampleId :

VX0507WBSD02

Tot Ion:	83	Resp:	86157
Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.0	76.6
127	9.2	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.01 ug/l

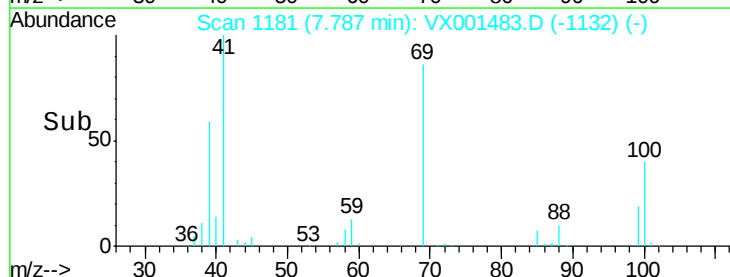
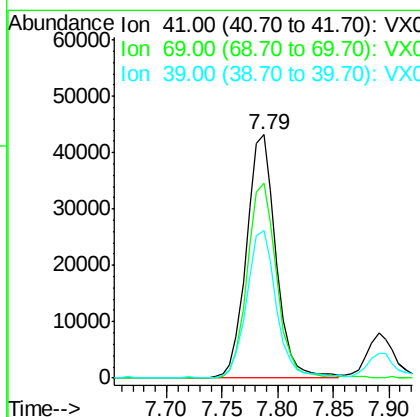
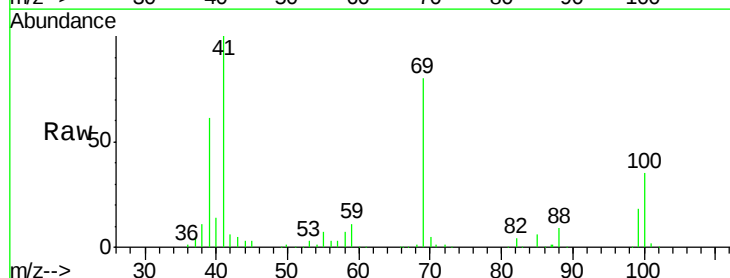
RT: 7.79 min Scan# 1181

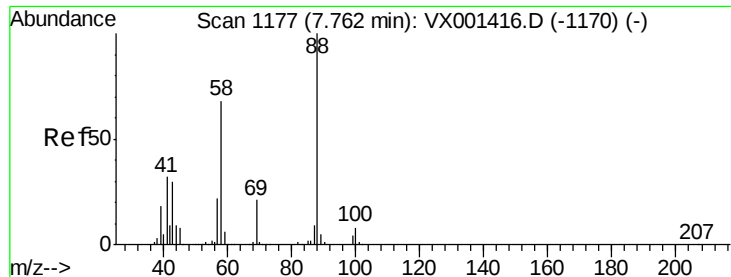
Delta R.T. 0.00 min

Lab File: VX001483.D

Acq: 07 May 2018 23:47

Tgt Ion:	41	Resp:	79281
Ion	Ratio	Lower	Upper
41	100		
69	80.0	63.4	95.2
39	60.6	47.0	70.4





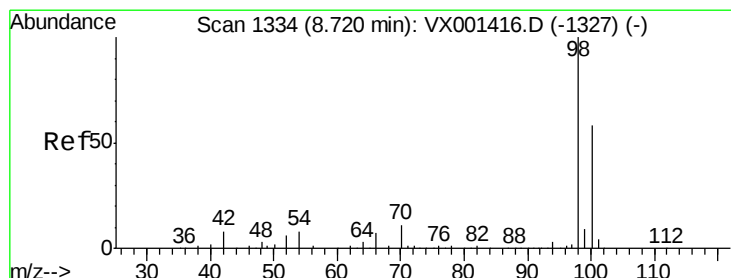
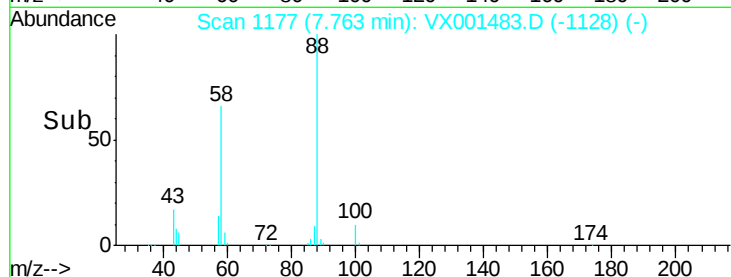
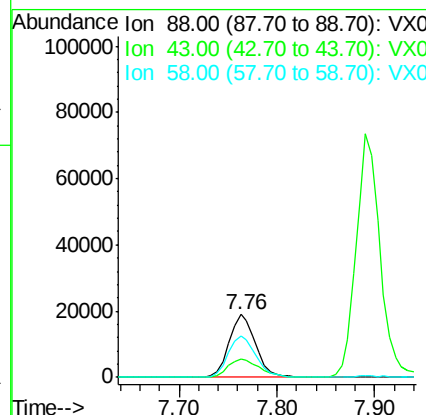
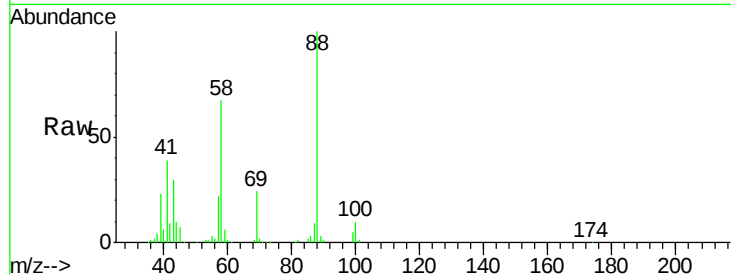
#49
1,4-Dioxane
Concen: 436.83 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001483.D
Acq: 07 May 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.2	26.4	39.6
58	69.8	54.1	81.1

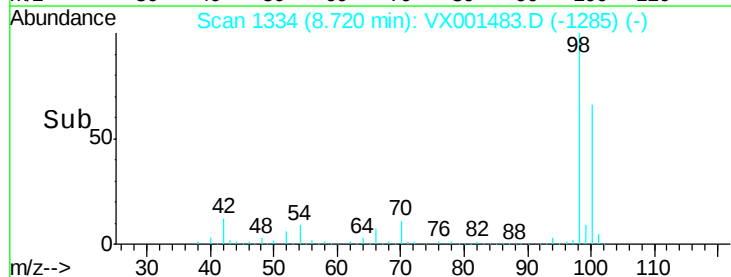
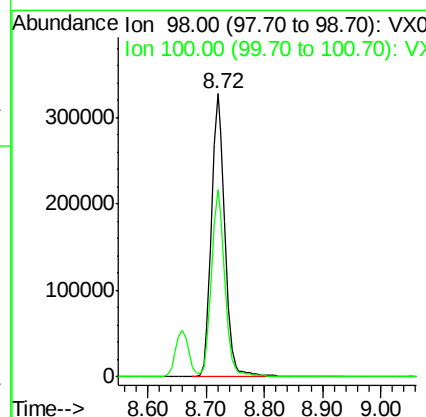
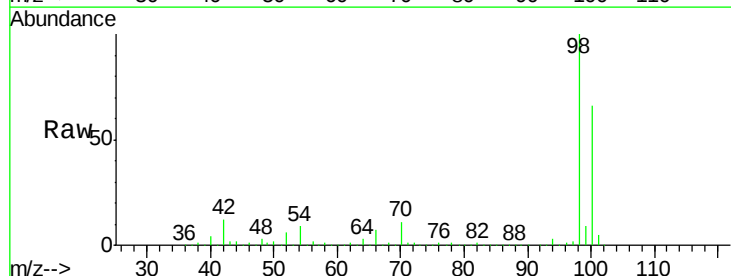
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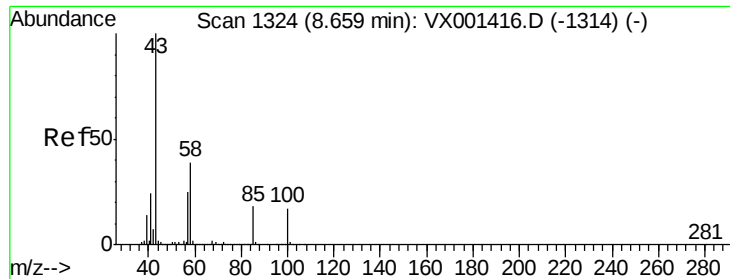
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#50
Toluene-d8
Concen: 50.30 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001483.D
Acq: 07 May 2018 23:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	54.0	81.0





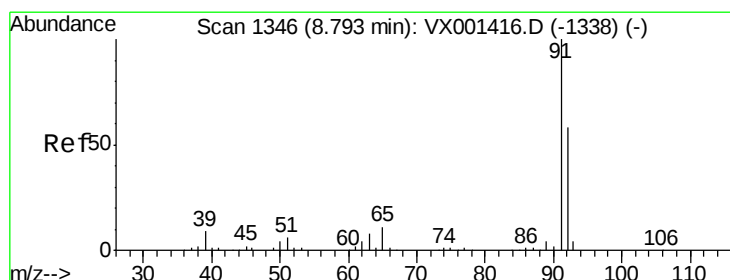
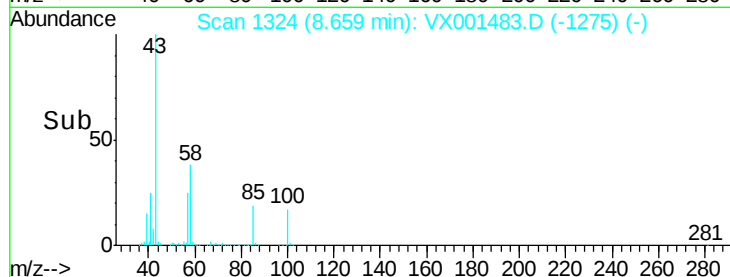
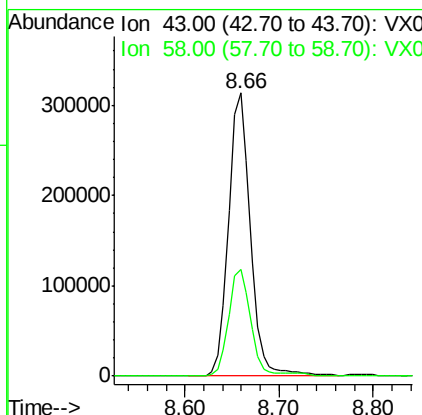
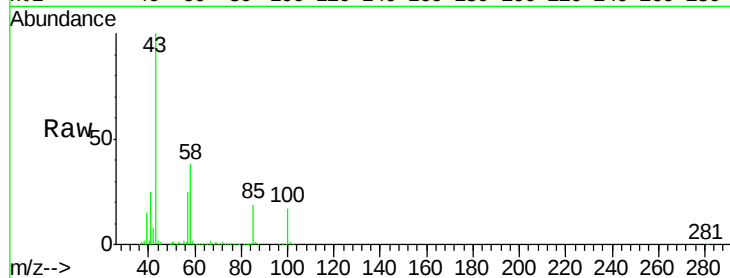
#51
4-Methyl-2-Pentanone
Concen: 110.41 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX001483.D
Acq: 07 May 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.5	30.8	46.2

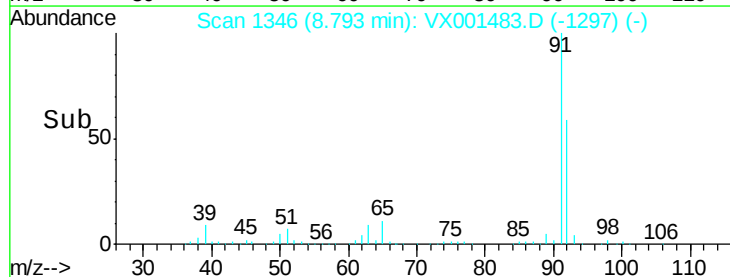
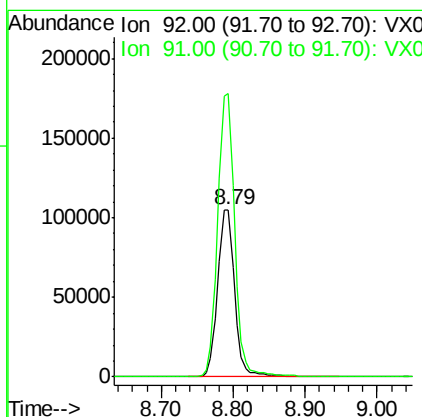
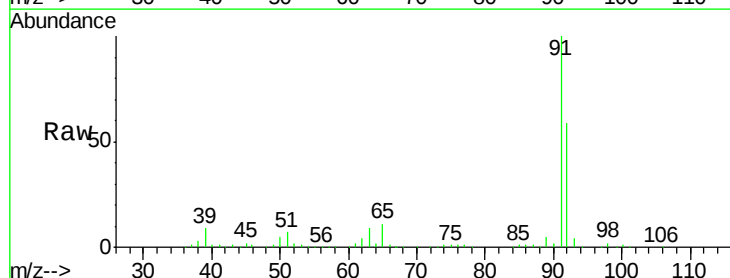
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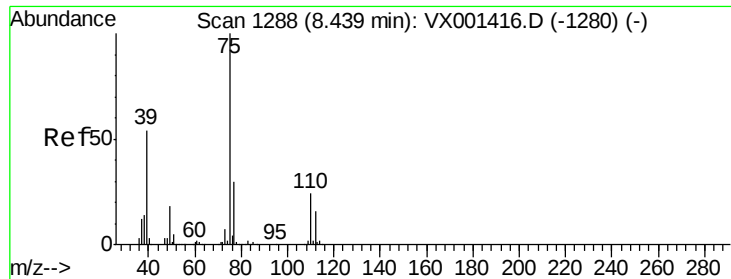
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#52
Toluene
Concen: 21.86 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VX001483.D
Acq: 07 May 2018 23:47

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.8	135.2	202.8





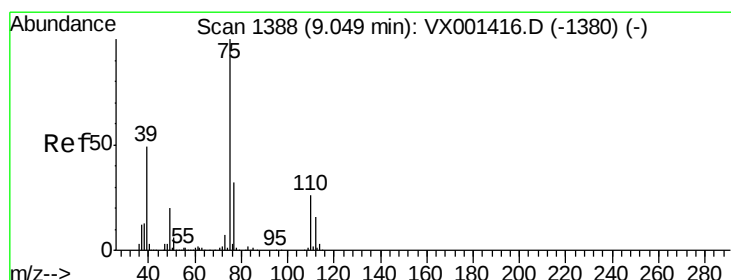
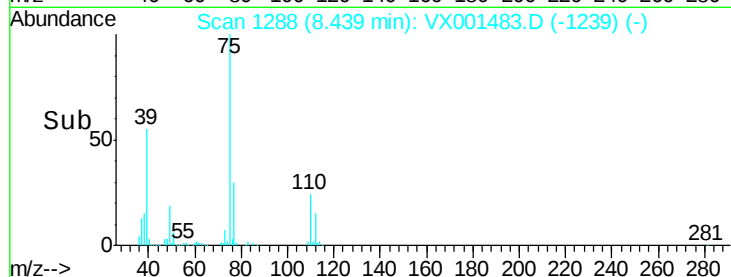
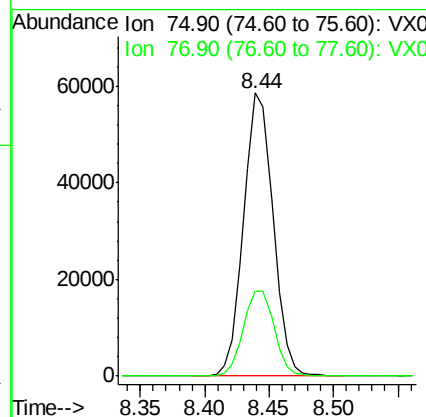
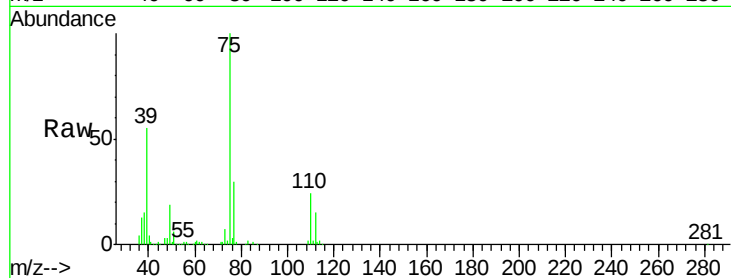
#53
t-1,3-Dichloropropene
Concen: 20.94 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX001483.D
Acq: 07 May 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.0	24.2	36.4

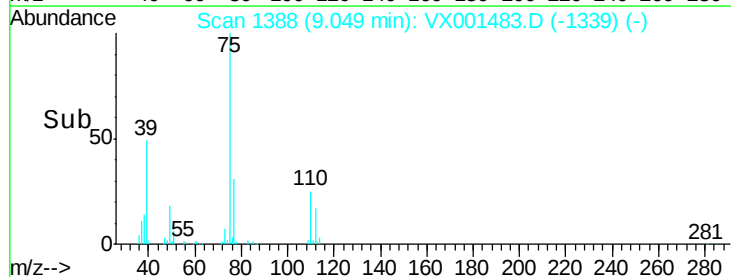
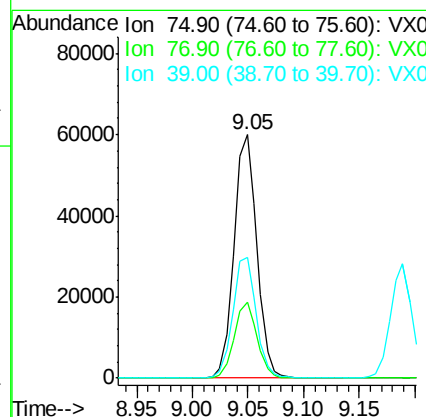
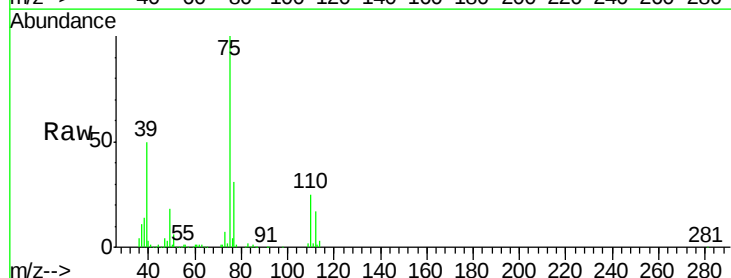
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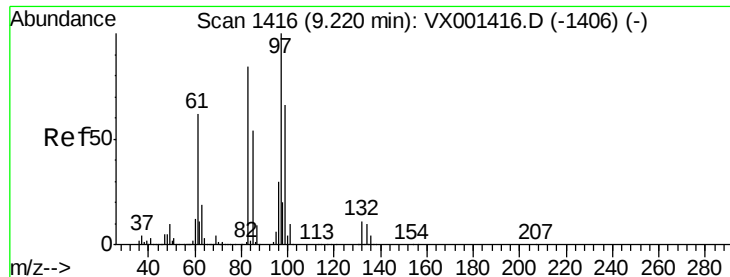
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#54
cis-1,3-Dichloropropene
Concen: 19.90 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001483.D
Acq: 07 May 2018 23:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.5	38.3
39	49.4	38.9	58.3





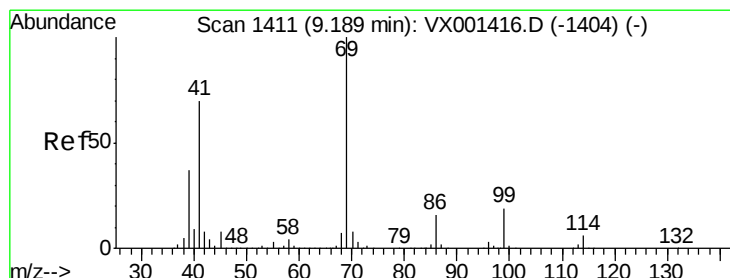
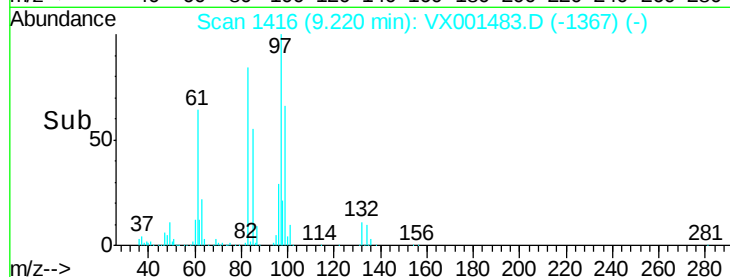
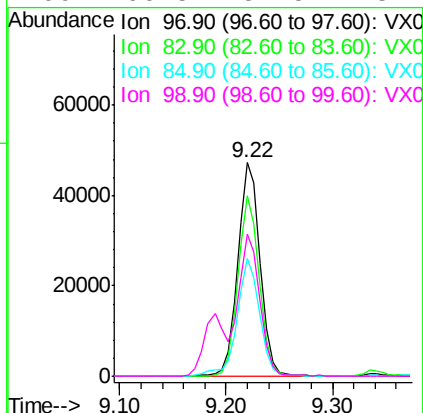
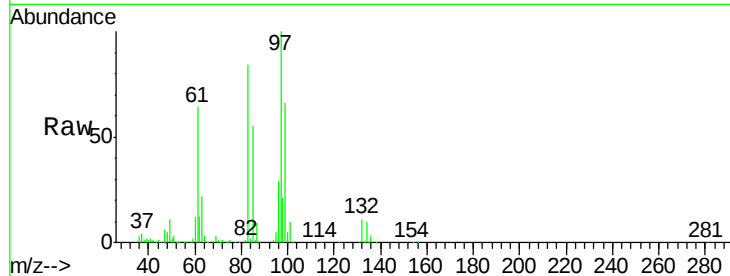
#55
 1,1,2-Trichloroethane
 Concen: 21.80 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001483.D
 Acq: 07 May 2018 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBSD02

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.4	67.4	101.0
85	55.0	43.3	64.9
99	66.5	52.5	78.7

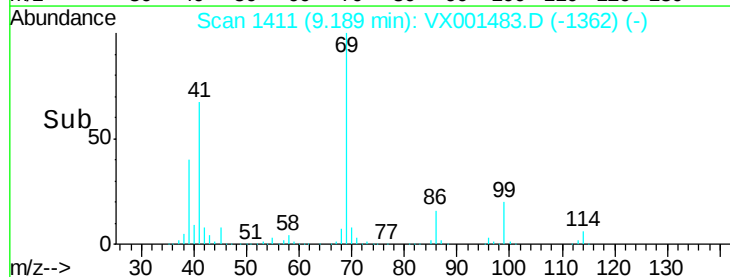
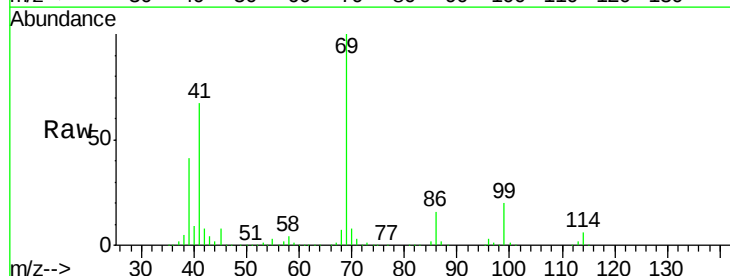
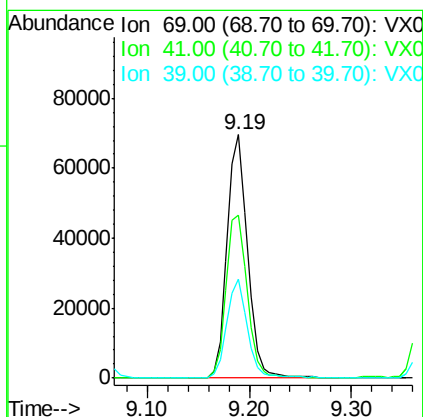
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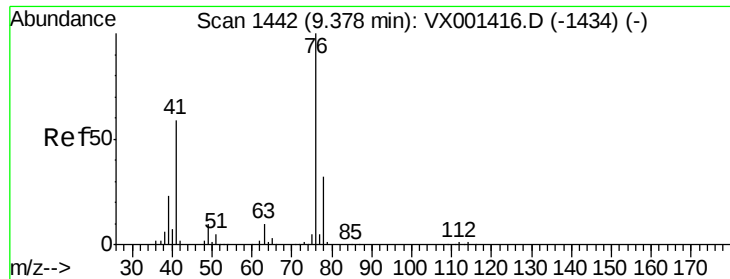
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#56
 Ethyl methacrylate
 Concen: 21.18 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001483.D
 Acq: 07 May 2018 23:47

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.4	55.1	82.7
39	40.4	29.9	44.9





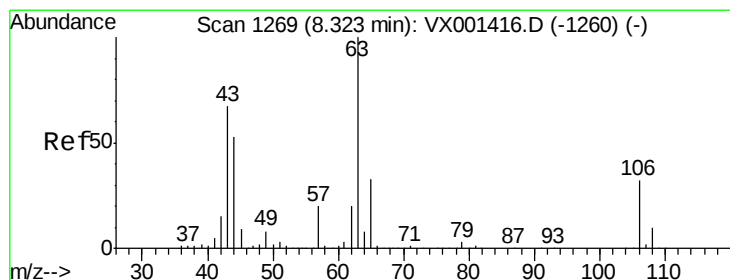
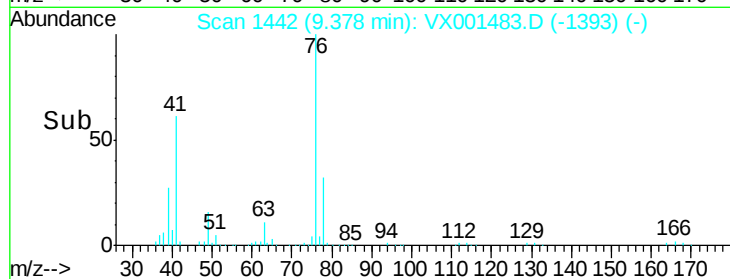
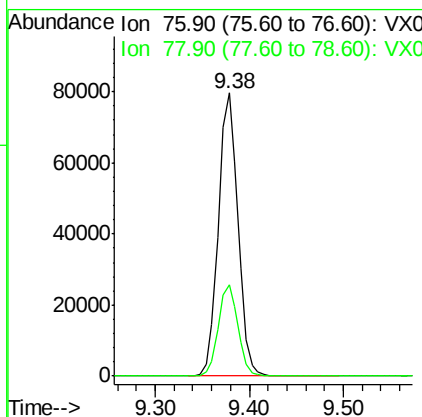
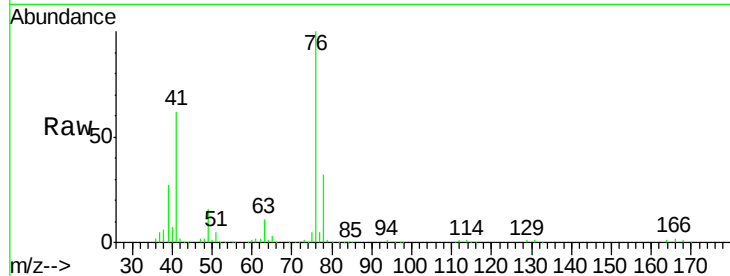
#57
 1,3-Dichloropropane
 Concen: 21.93 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001483.D
 Acq: 07 May 2018 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.8	38.6

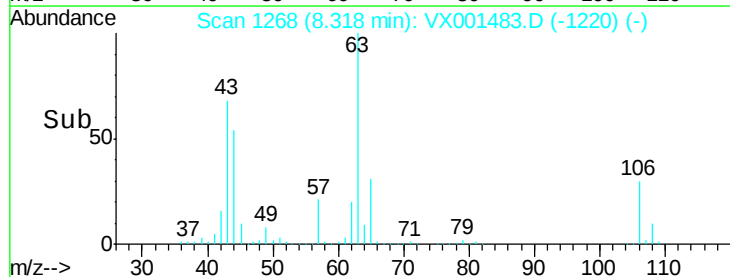
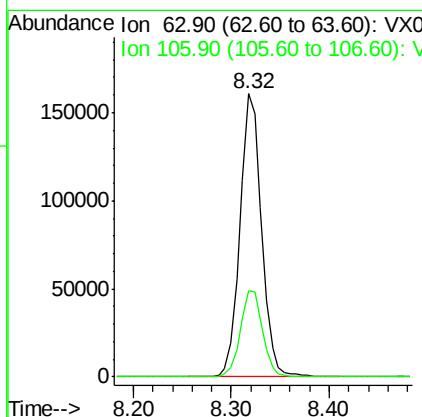
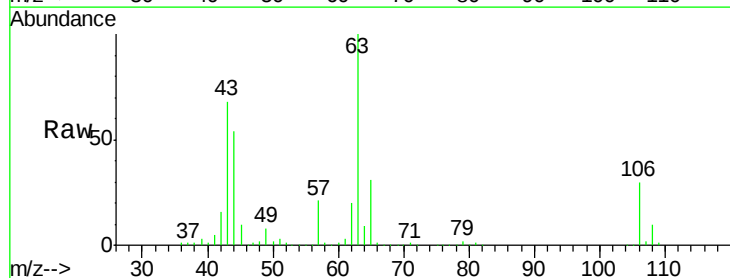
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#58
 2-Chloroethyl Vinyl ether
 Concen: 109.38 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001483.D
 Acq: 07 May 2018 23:47

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.6	25.4	38.0





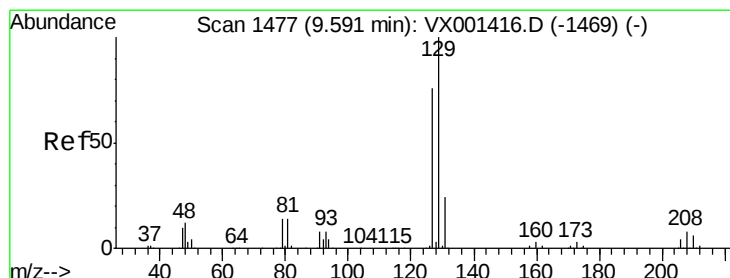
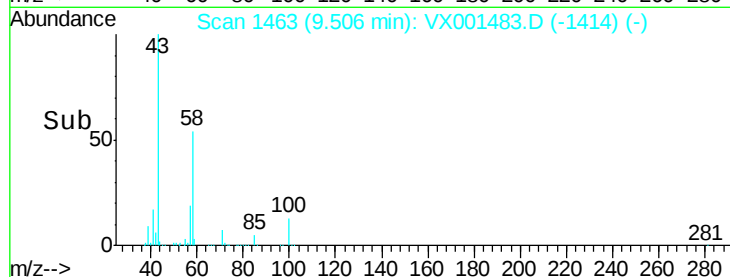
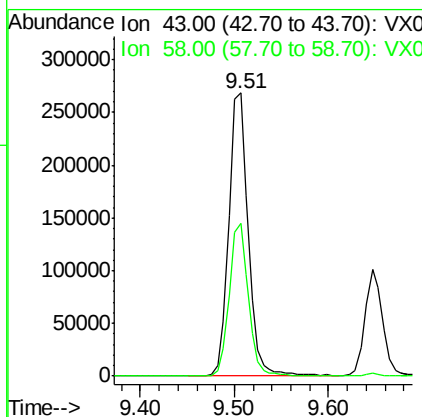
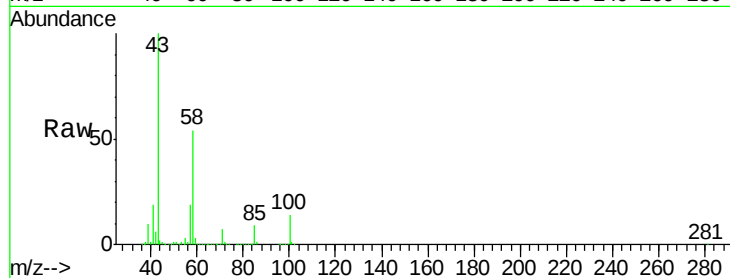
#59
2-Hexanone
Concen: 109.36 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001483.D
Acq: 07 May 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.3	27.1	81.2

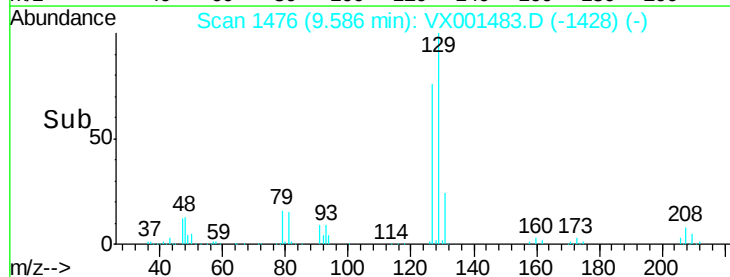
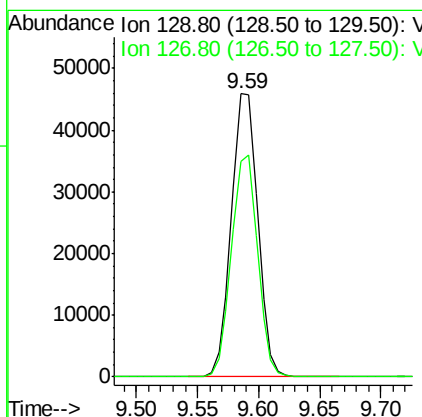
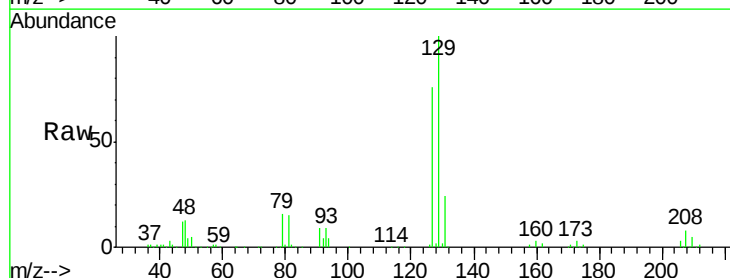
Manual Integrations
APPROVED

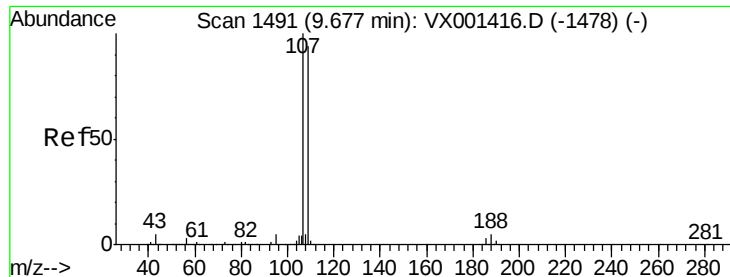
MMDadoda
5/9/2018 5:47:36 PM



#60
Dibromochloromethane
Concen: 21.14 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001483.D
Acq: 07 May 2018 23:47

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.8	38.1	114.5





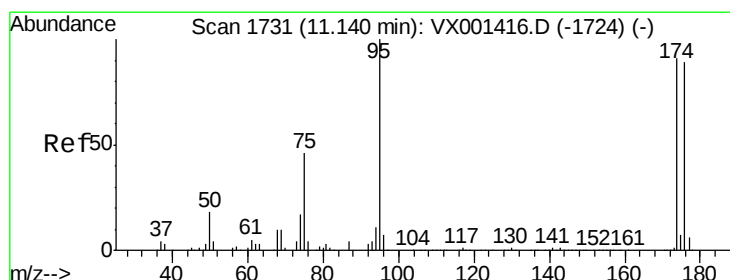
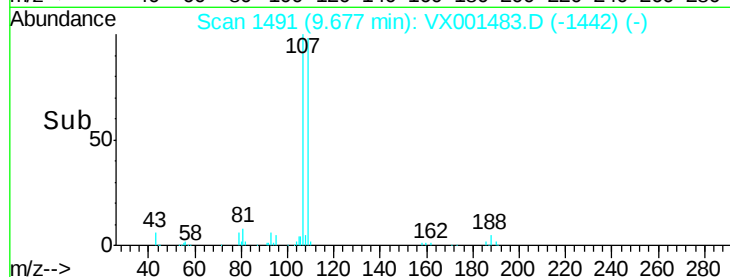
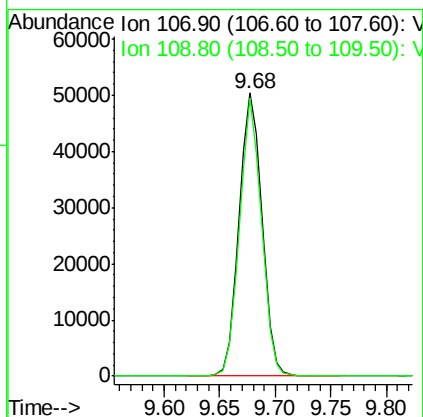
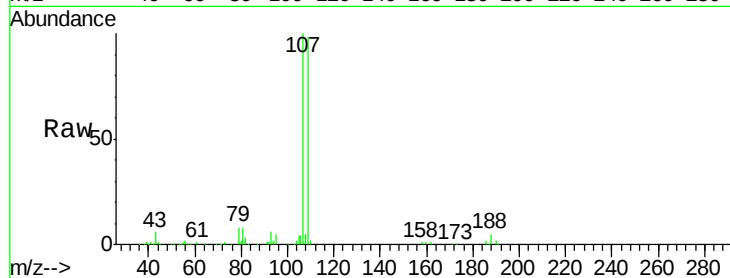
#61
1,2-Dibromoethane
Concen: 21.66 ug/l
RT: 9.68 min Scan# 1491
Delta R.T. 0.00 min
Lab File: VX001483.D
Acq: 07 May 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	72071		
109	109	93.8	75.5	113.3	

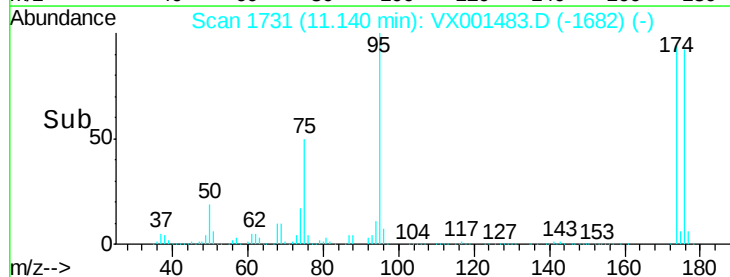
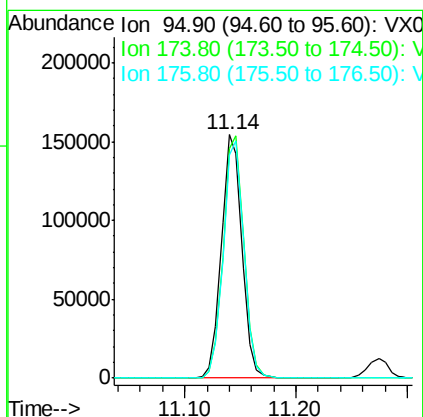
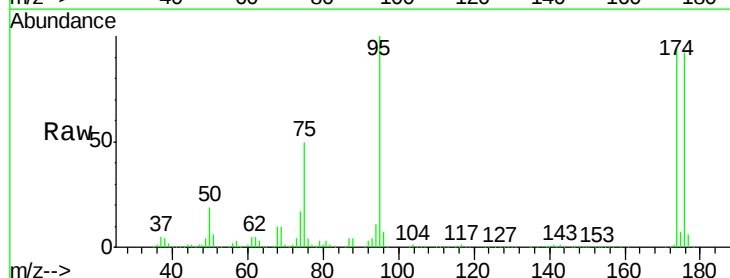
Manual Integrations
APPROVED

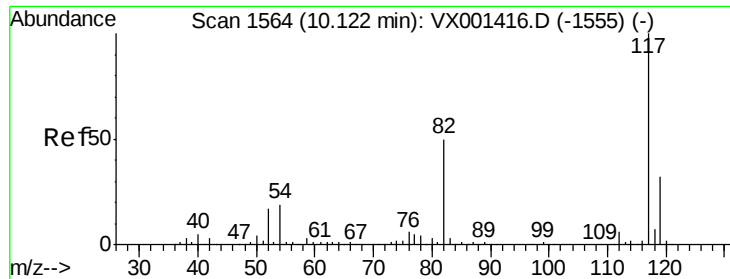
MMDadoda
5/9/2018 5:47:36 PM



#62
4-Bromofluorobenzene
Concen: 48.61 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001483.D
Acq: 07 May 2018 23:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	95	100	196186		
174	174	100.5	0.0	202.0	
176	176	98.2	0.0	197.4	





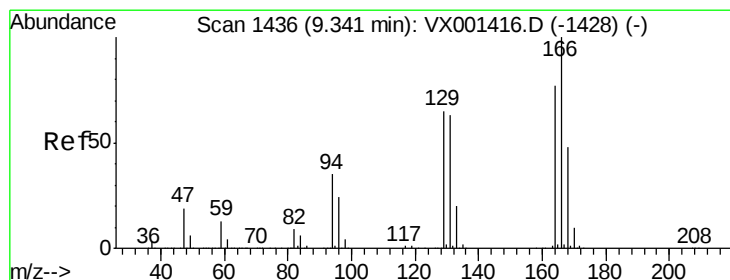
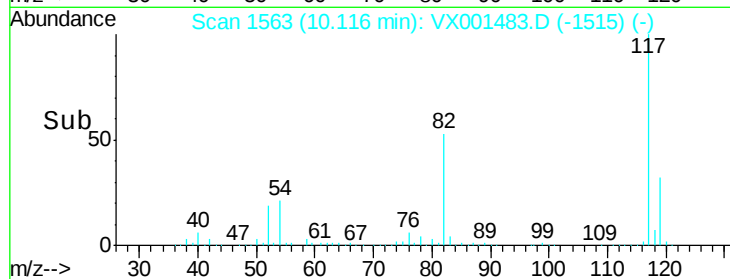
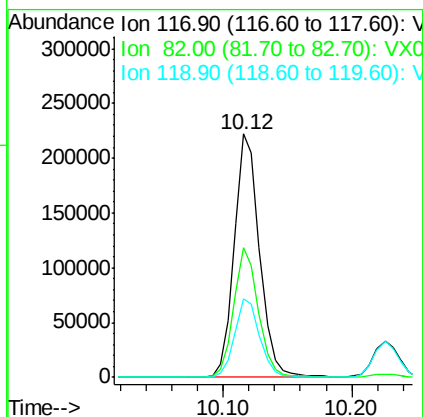
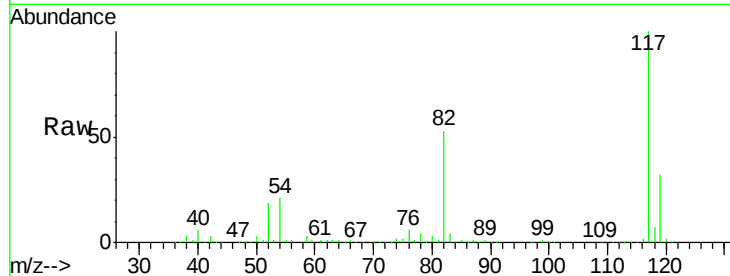
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001483.D
Acq: 07 May 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	40.0	60.0
119	32.1	25.8	38.8

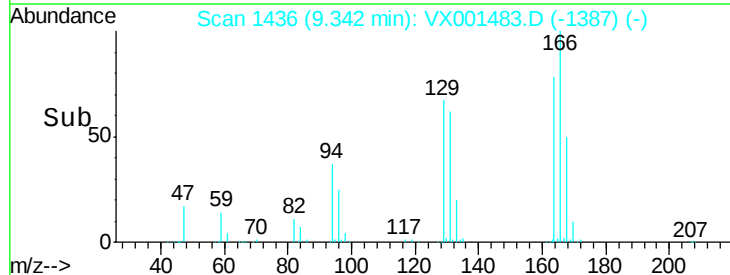
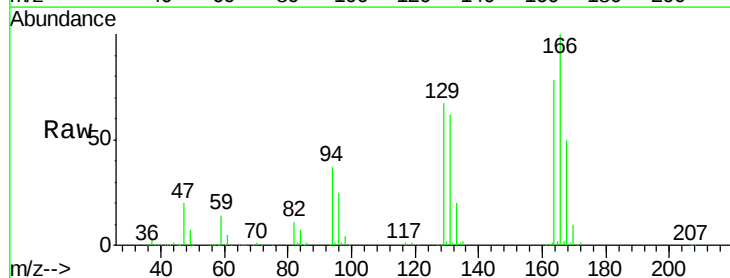
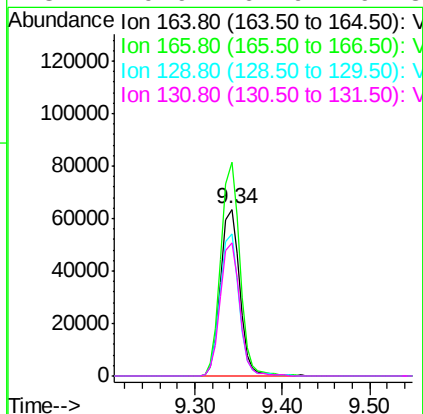
Manual Integrations
APPROVED

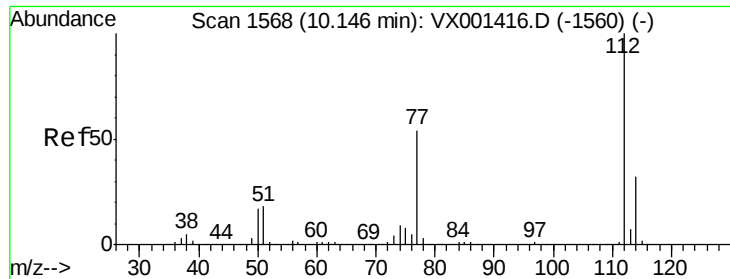
MMDadoda
5/9/2018 5:47:36 PM



#64
Tetrachloroethene
Concen: 22.81 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001483.D
Acq: 07 May 2018 23:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	103.5	155.3
129	85.2	66.7	100.1
131	79.9	64.9	97.3





#65

Chlorobenzene

Concen: 21.52 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001483.D

Acq: 07 May 2018 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBSD02

Tot Ion:112 Resp: 192119

Ion Ratio Lower Upper

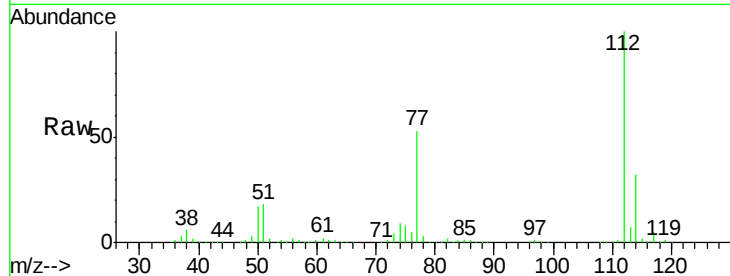
112 100

114 32.2 26.0 39.0

Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

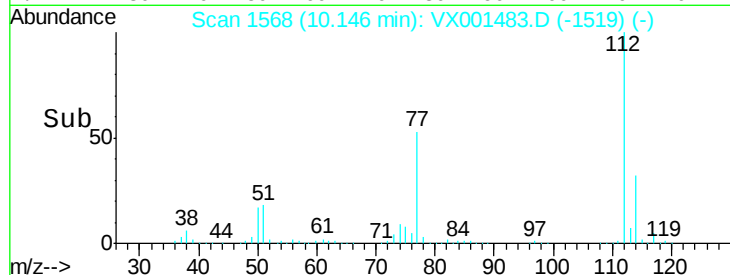
150000

100000

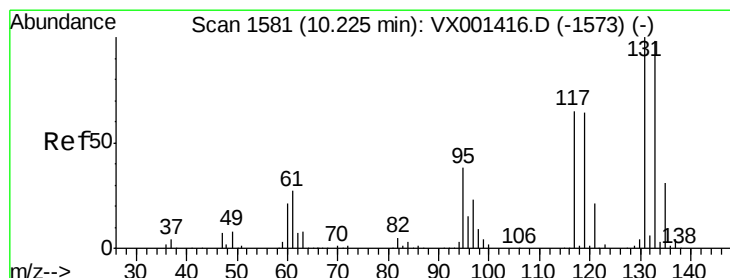
50000

0

Time-->



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 22.14 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001483.D

Acq: 07 May 2018 23:47

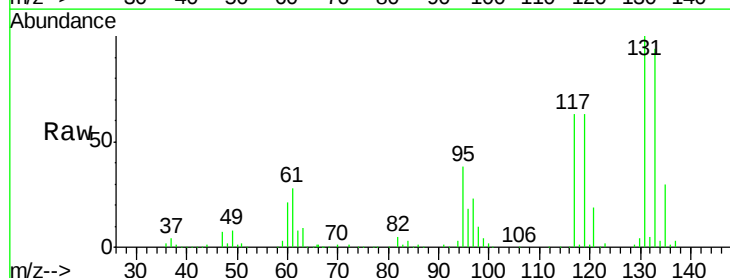
Tgt Ion:131 Resp: 70691

Ion Ratio Lower Upper

131 100

133 94.6 47.9 143.8

119 62.6 31.1 93.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

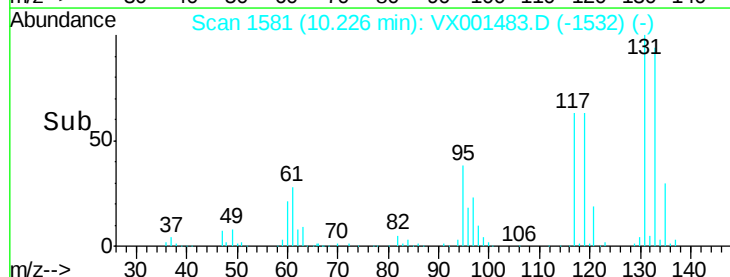
60000

40000

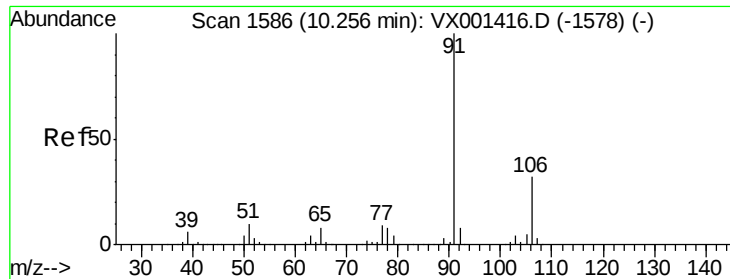
20000

0

Time-->



Time-->



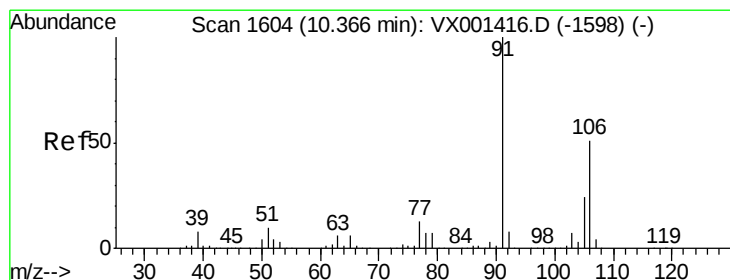
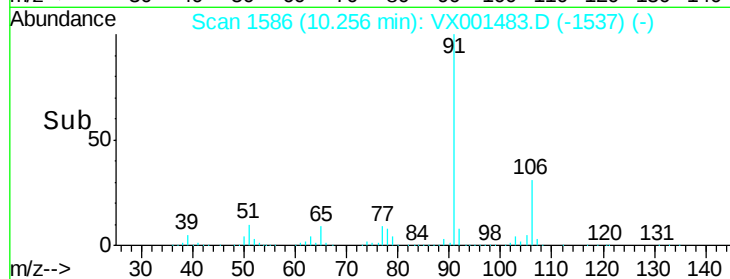
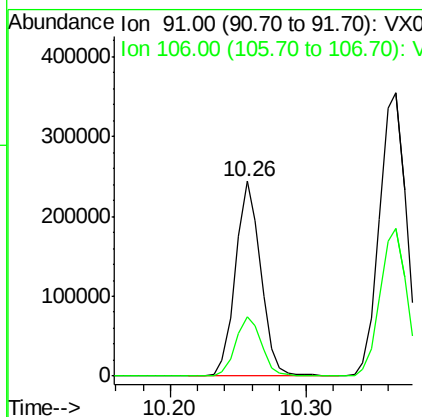
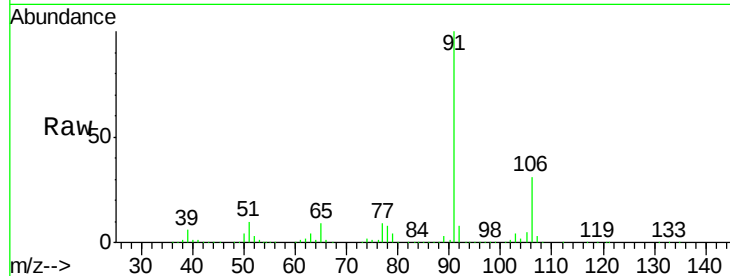
#67
Ethyl Benzene
Concen: 21.62 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001483.D
Acq: 07 May 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD02

Tot Ion: 91 Resp: 316328
Ion Ratio Lower Upper
91 100
106 30.7 25.5 38.3

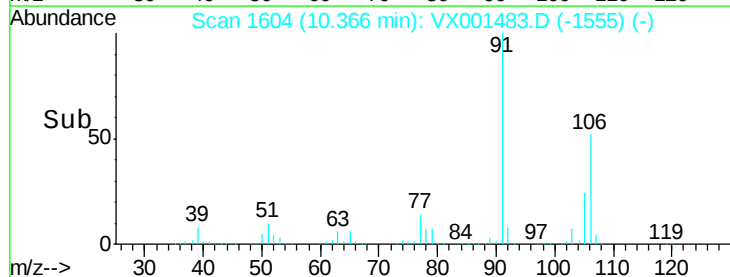
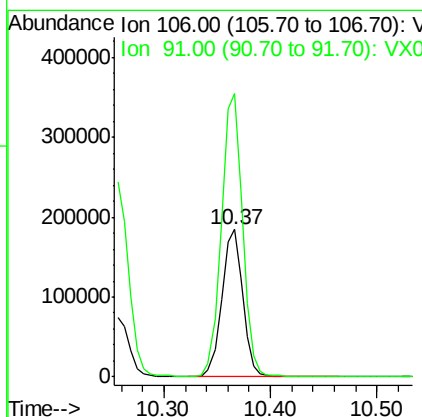
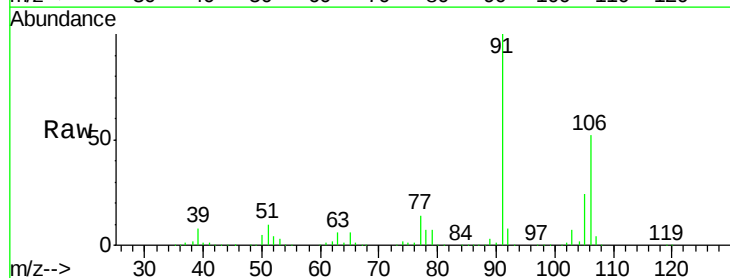
Manual Integrations
APPROVED

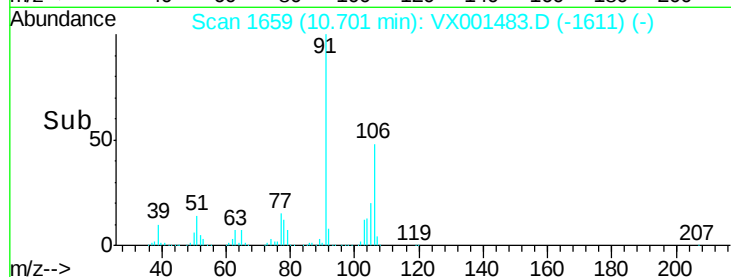
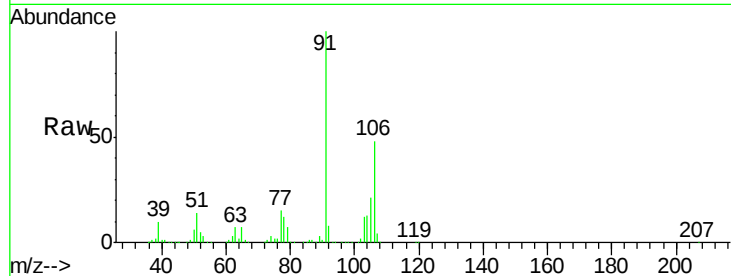
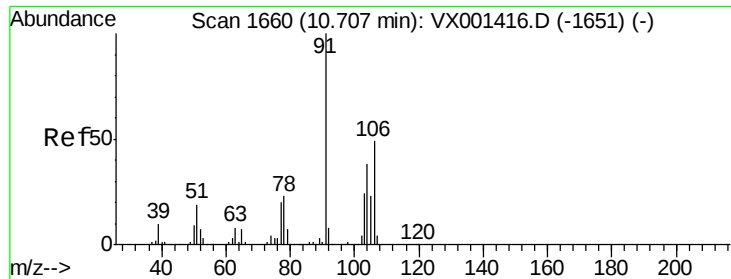
MMDadoda
5/9/2018 5:47:36 PM



#68
m/p-Xylenes
Concen: 43.67 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001483.D
Acq: 07 May 2018 23:47

Tgt Ion: 106 Resp: 252457
Ion Ratio Lower Upper
106 100
91 194.9 157.5 236.3





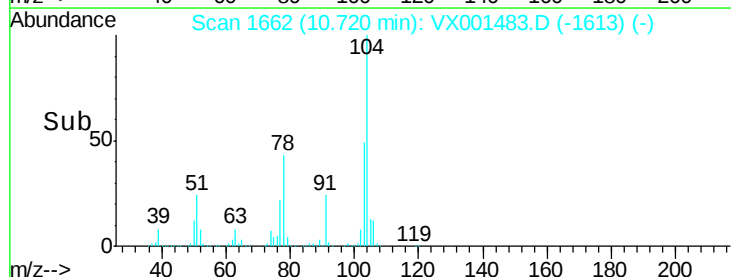
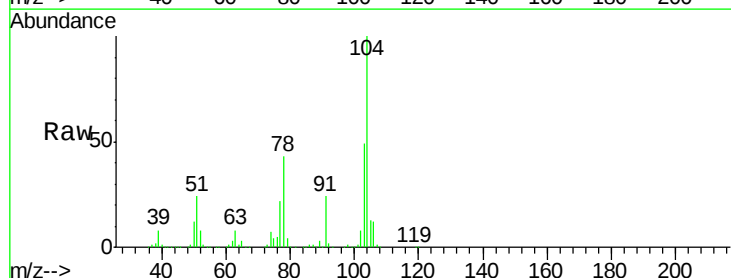
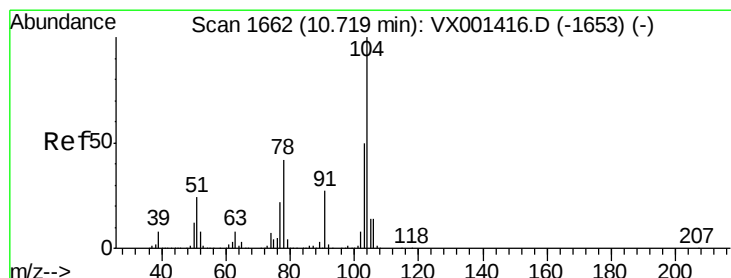
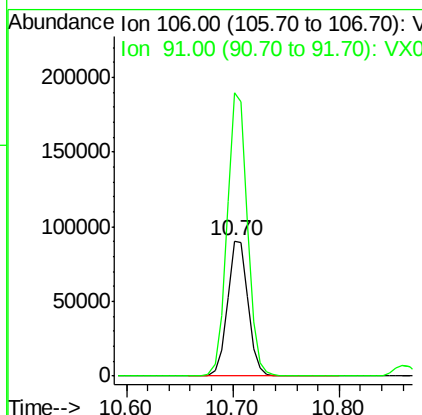
#69
o-Xylene
Concen: 21.75 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001483.D
Acq: 07 May 2018 23:47

Tot Ion	Ratio	Resp	Lower	Upper
106	100	122198		
91	208.6	103.1	309.1	

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD02

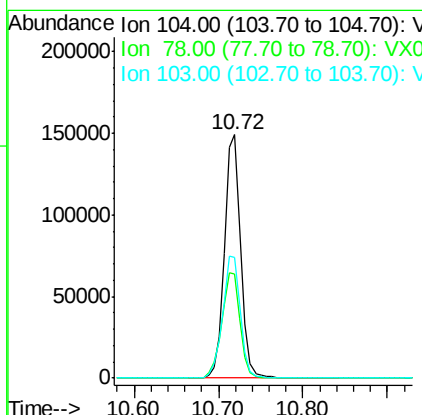
Manual Integrations
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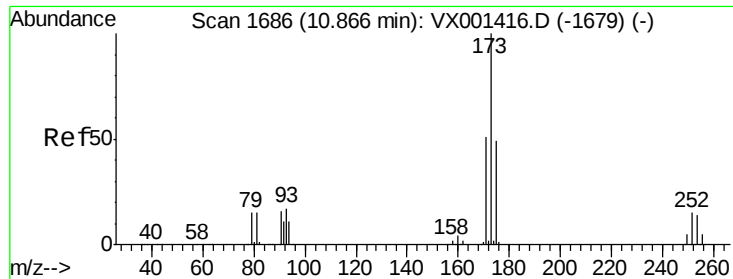
MMDadoda
5/9/2018 5:47:36 PM



#70
Styrene
Concen: 21.80 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001483.D
Acq: 07 May 2018 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	198960		
78	48.9	38.6	58.0	
103	55.2	44.0	66.0	





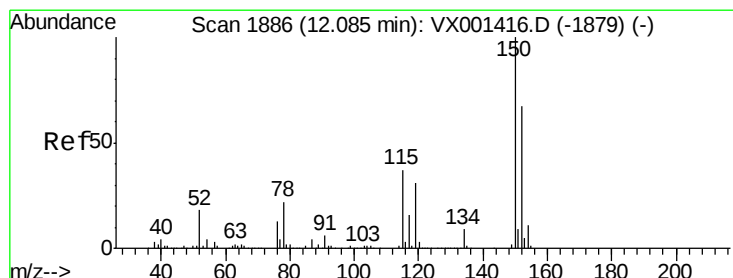
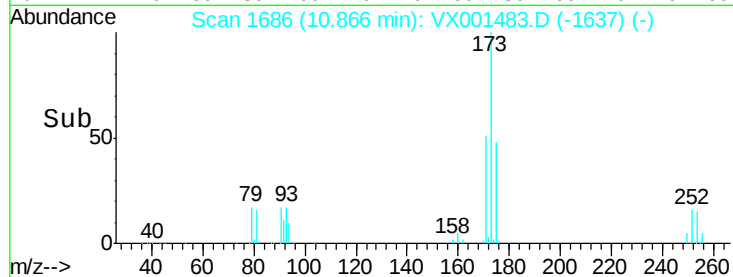
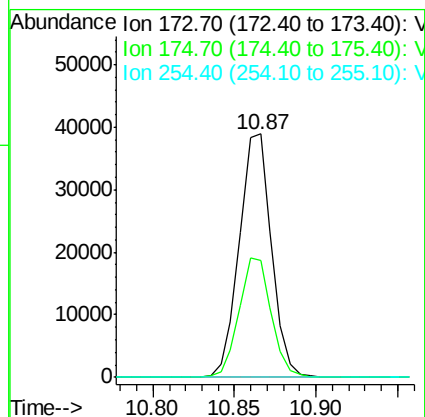
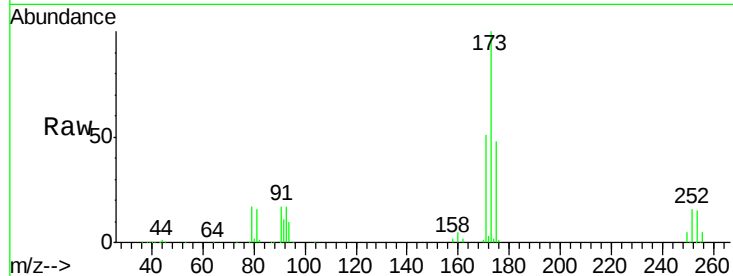
#71
Bromoform
Concen: 19.78 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX001483.D
Acq: 07 May 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.5	73.5
254	0.2	0.2	0.2

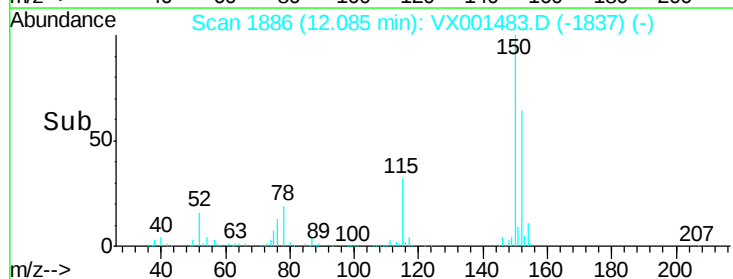
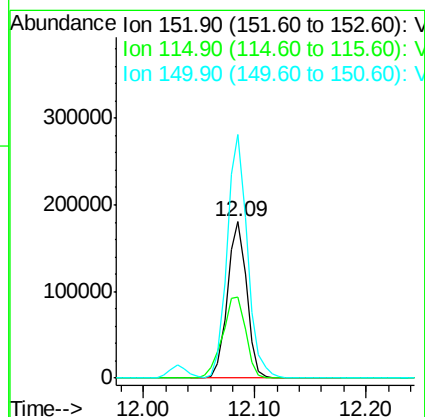
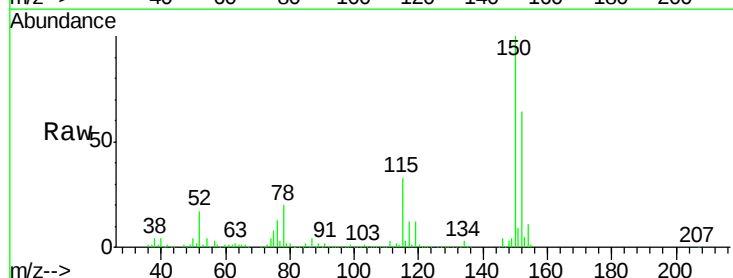
Manual Integrations
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5/9/2018 5:47:36 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001483.D
Acq: 07 May 2018 23:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.1	37.7	113.1
150	164.0	0.0	349.4





#73

Isopropylbenzene

Concen: 22.16 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001483.D

Acq: 07 May 2018 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBSD02

Tot Ion: 105 Resp: 330202

Ion Ratio Lower Upper

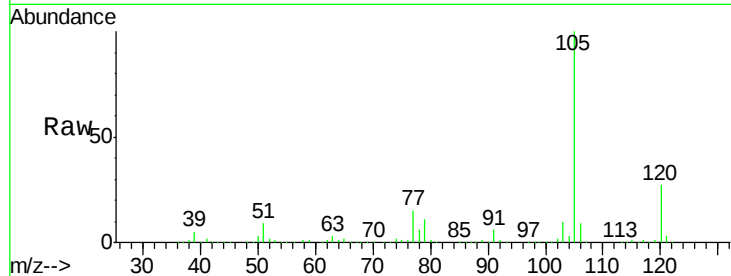
105 100

120 26.9 13.6 40.8

Manual Integrations
APPROVED

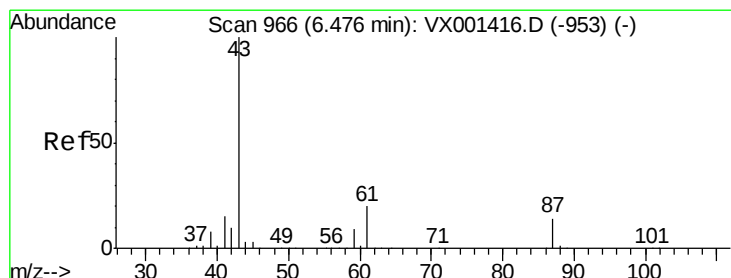
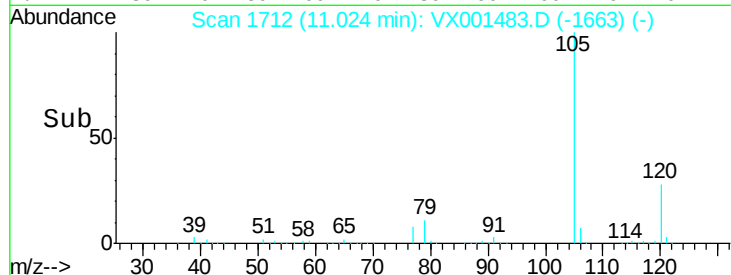
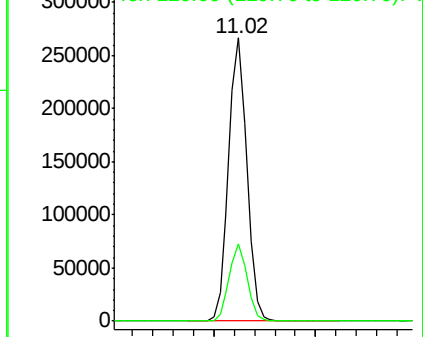
MMDadoda

5/9/2018 5:47:36 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.91 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001483.D

Acq: 07 May 2018 23:47

Tgt Ion: 43 Resp: 148281

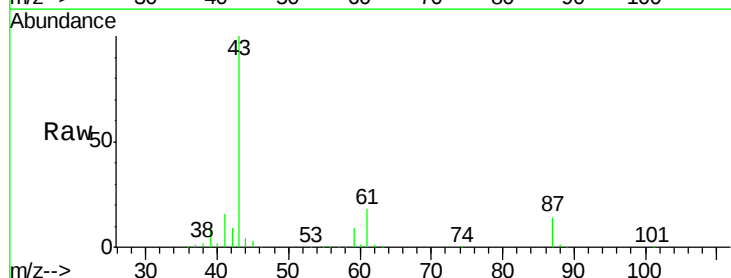
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 19.0 15.4 23.0

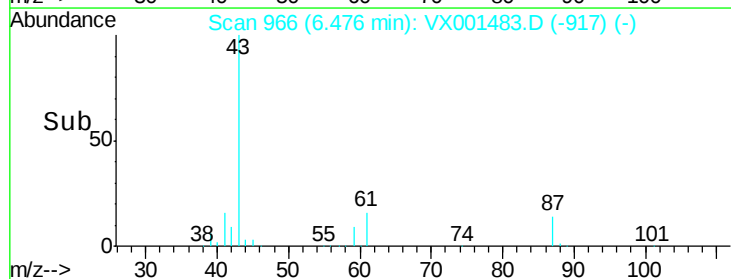
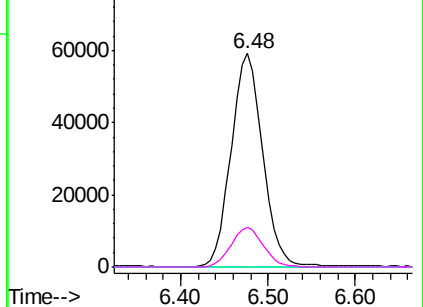


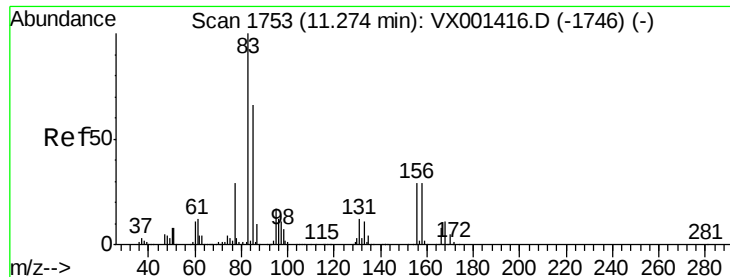
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.69 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001483.D

Acq: 07 May 2018 23:47

Instrument :

MSVOA_X

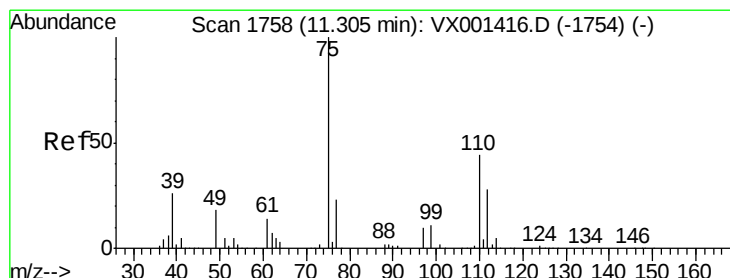
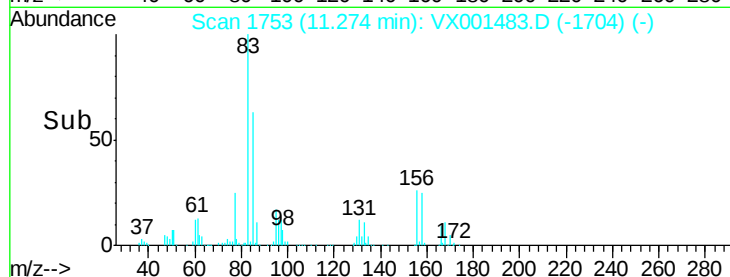
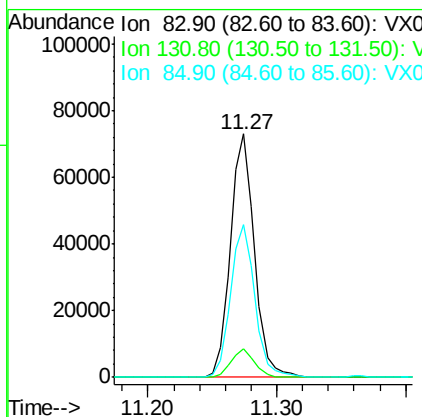
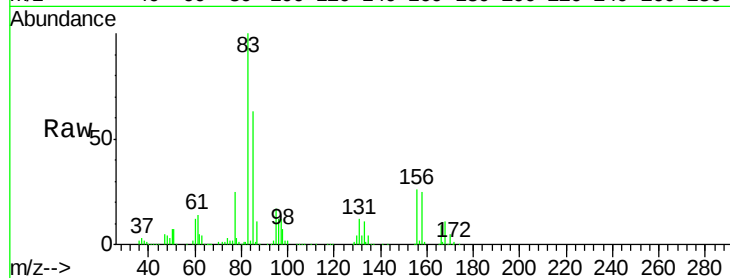
ClientSampleId :

VX0507WBSD02

Tot Ion:	83	Resp:	95444
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.8	17.4
85	63.4	32.7	98.1

Manual Integrations
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5/9/2018 5:47:36 PM



#76

1,2,3-Trichloropropane

Concen: 21.93 ug/l m

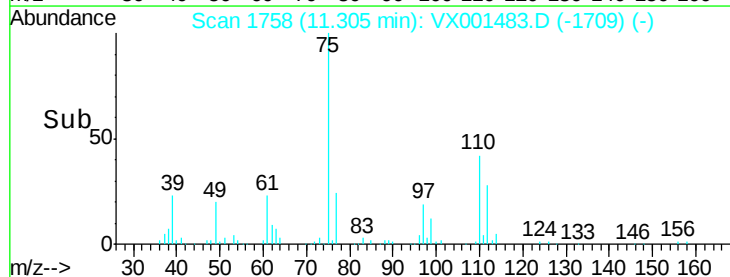
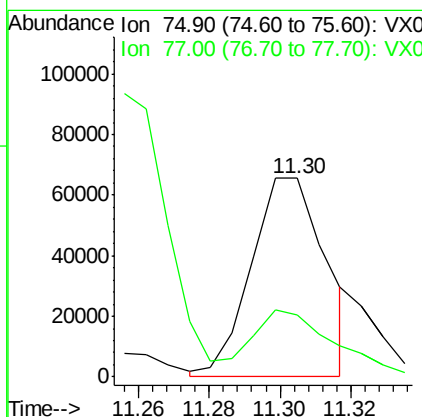
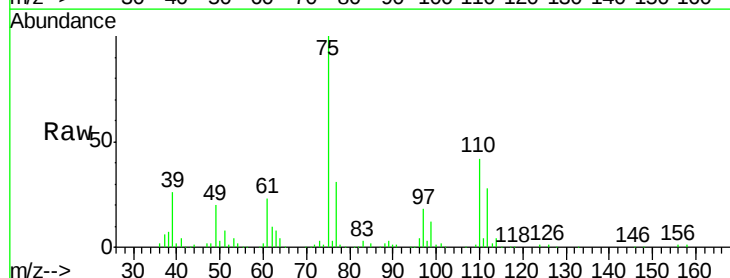
RT: 11.30 min Scan# 1758

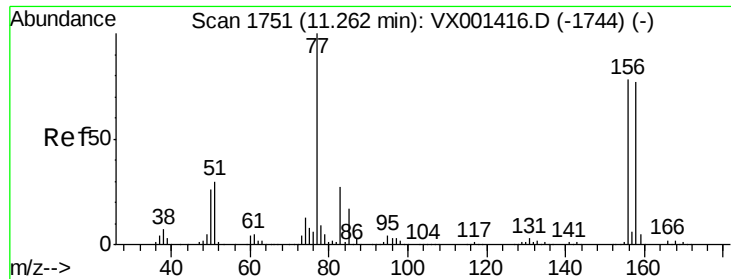
Delta R.T. 0.00 min

Lab File: VX001483.D

Acq: 07 May 2018 23:47

Tgt Ion:	75	Resp:	95724
Ion Ratio	Lower	Upper	
75	100		
77	38.2	19.6	58.7





#77

Bromobenzene

Concen: 21.73 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001483.D

Acq: 07 May 2018 23:47

Instrument :

MSVOA_X

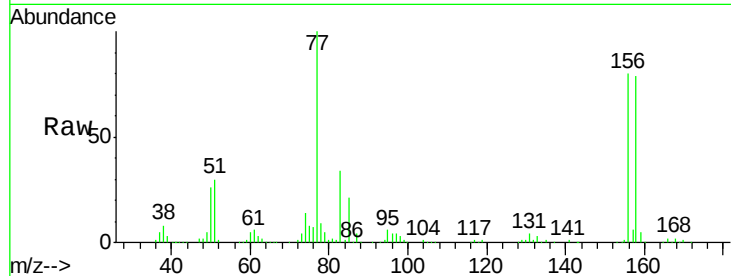
ClientSampleId :

VX0507WBSD02

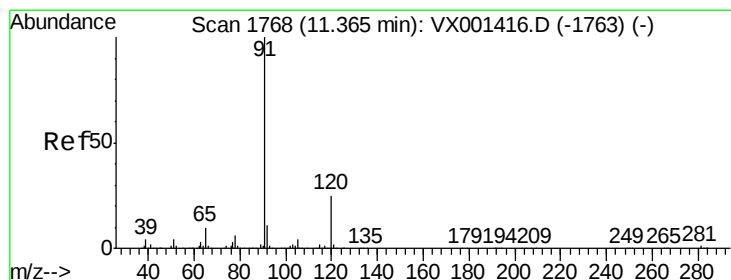
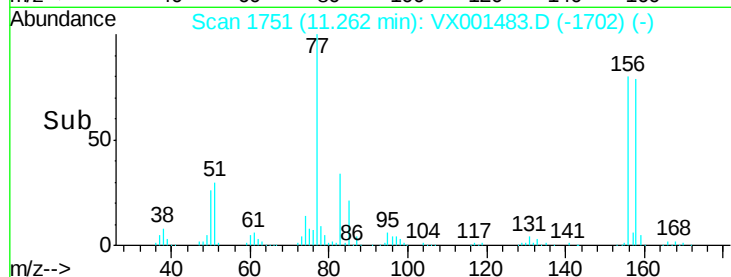
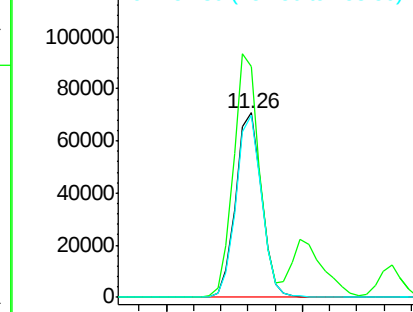
Tot Ion:	156	Resp:	94111
Ion Ratio	Lower	Upper	
156	100		
77	130.1	66.0	198.2
158	97.6	49.4	148.2

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.27 ug/l

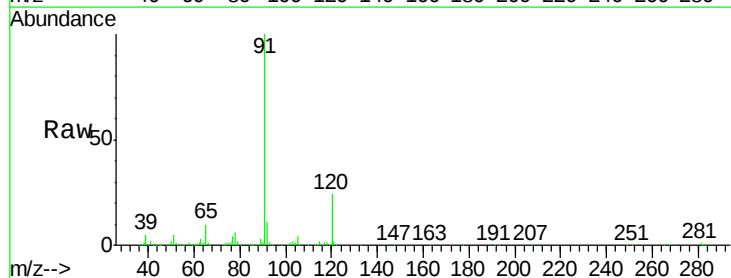
RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

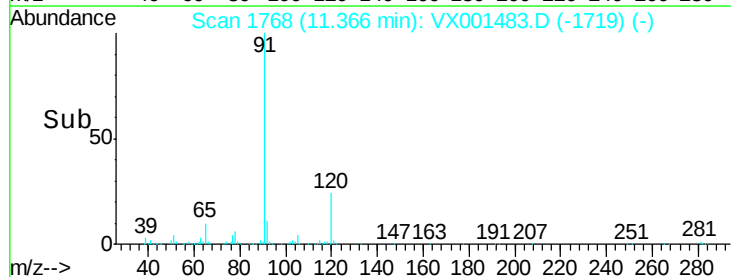
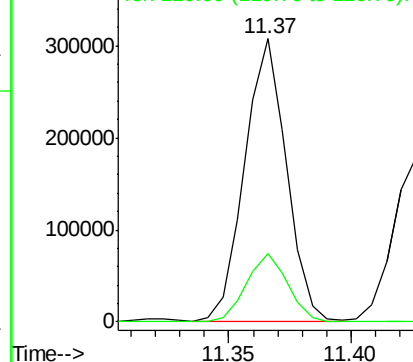
Lab File: VX001483.D

Acq: 07 May 2018 23:47

Tgt Ion:	91	Resp:	361267
Ion Ratio	Lower	Upper	
91	100		
120	24.2	12.5	37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.78 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001483.D

Acq: 07 May 2018 23:47

Instrument :

MSVOA_X

ClientSampled :

VX0507WBSD02

Tot Ion: 91 Resp: 217492

Ion Ratio Lower Upper

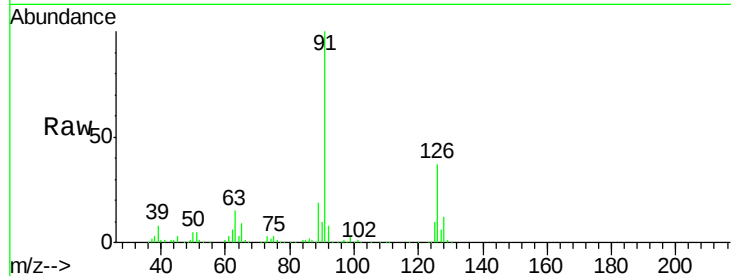
91 100

126 36.8 18.1 54.4

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Abundance Ion 91.00 (90.70 to 91.70): VX001416.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX001416.D (-1773) (-)

300000

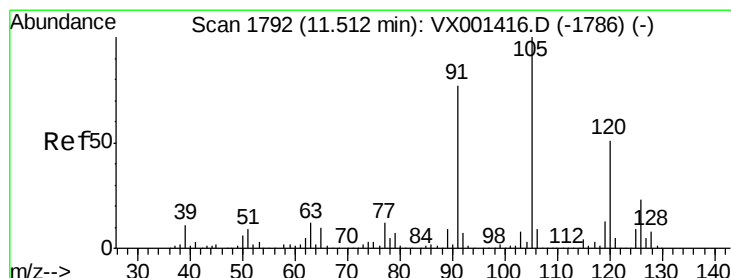
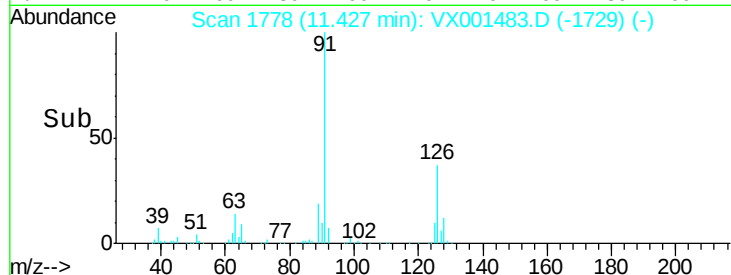
200000

100000

0

11.40 11.43 11.45 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 22.09 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001483.D

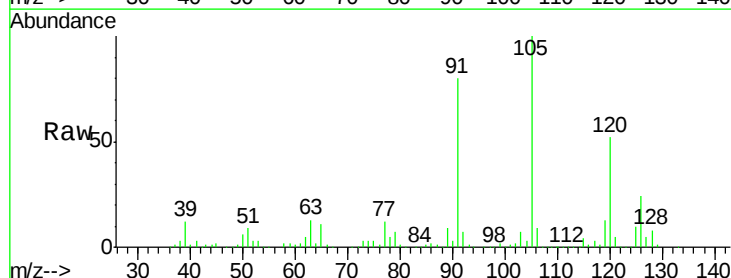
Acq: 07 May 2018 23:47

Tgt Ion: 105 Resp: 274018

Ion Ratio Lower Upper

105 100

120 50.7 25.7 77.1



Abundance Ion 105.00 (104.70 to 105.70): VX001416.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX001416.D (-1786) (-)

250000

200000

150000

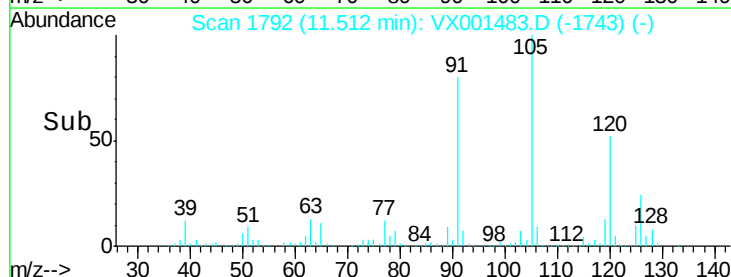
100000

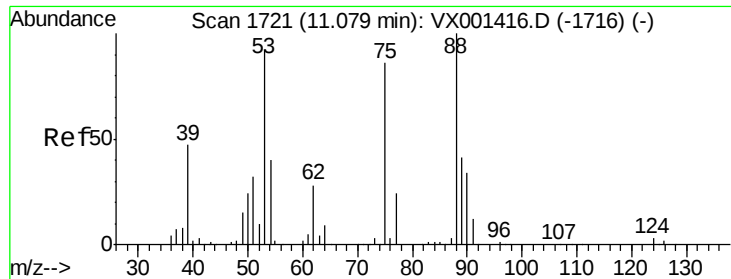
50000

0

11.45 11.50 11.55 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.20 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001483.D

Acq: 07 May 2018 23:47

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBSD02

Tot Ion: 75 Resp: 20829

Ion Ratio Lower Upper

75 100

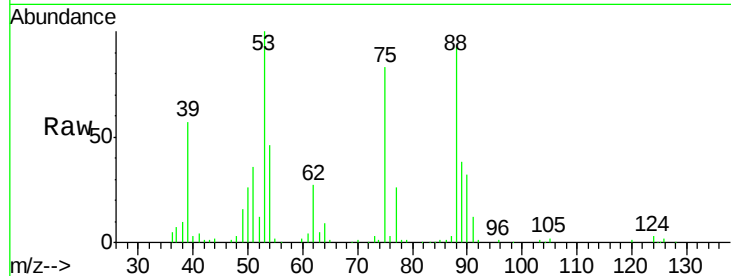
53 121.6 84.5 126.7

89 47.9 39.5 59.3

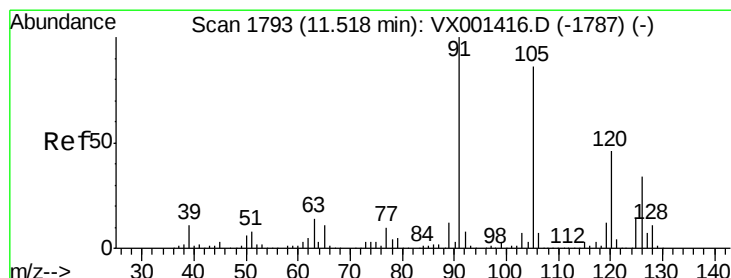
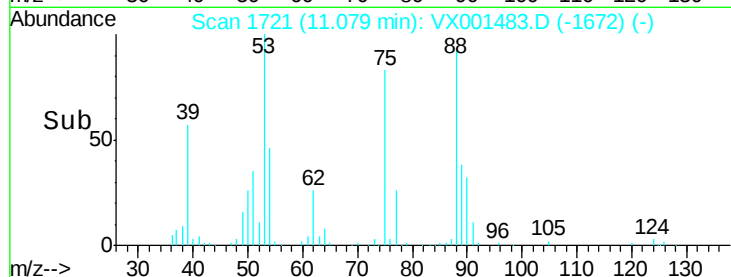
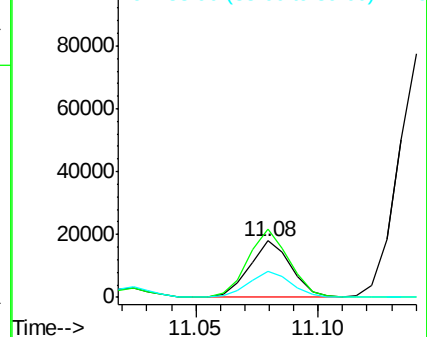
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Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 21.80 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001483.D

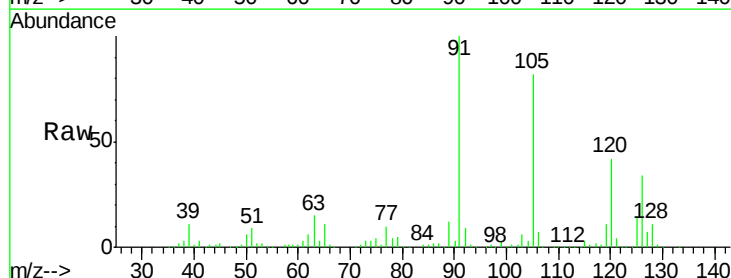
Acq: 07 May 2018 23:47

Tgt Ion: 91 Resp: 251076

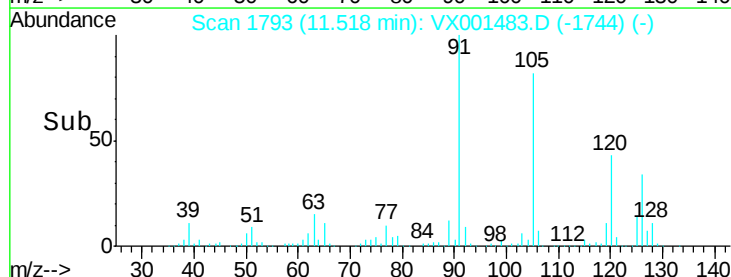
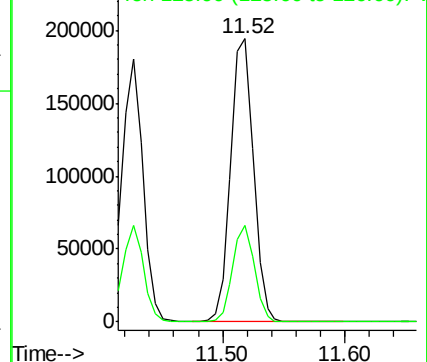
Ion Ratio Lower Upper

91 100

126 32.6 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V





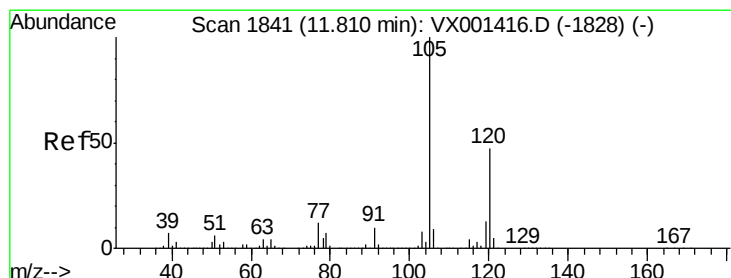
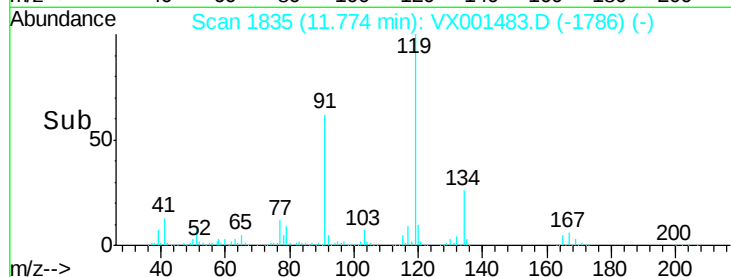
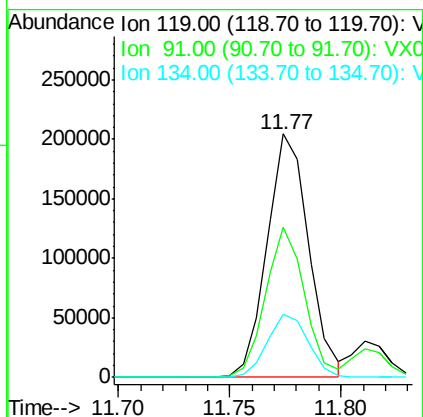
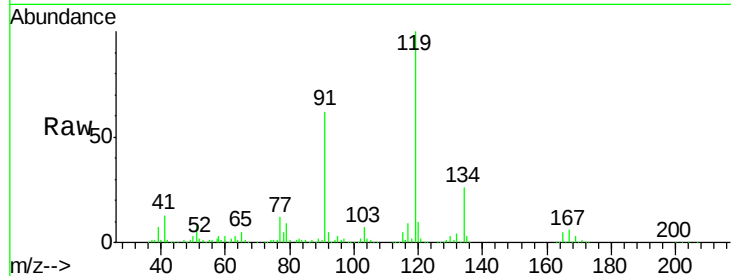
#83
 tert-Butylbenzene
 Concen: 21.45 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001483.D
 Acq: 07 May 2018 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBSD02

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.2	27.8	83.3
134	25.7	12.4	37.0

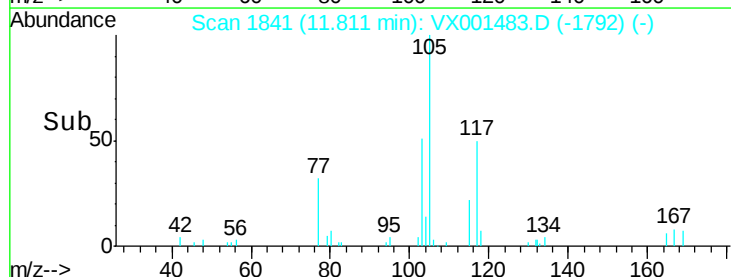
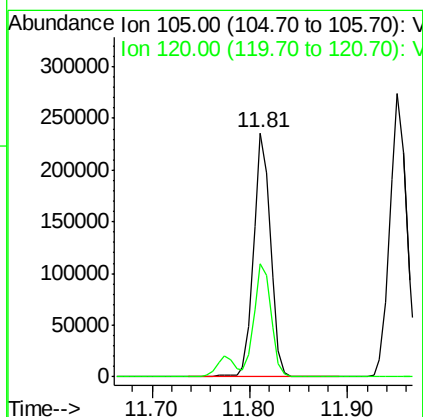
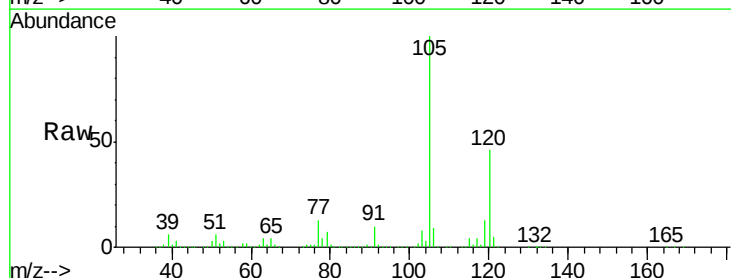
Manual Integrations
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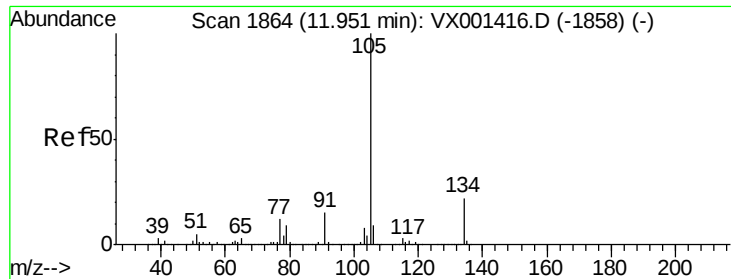
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#84
 1,2,4-Trimethylbenzene
 Concen: 22.11 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001483.D
 Acq: 07 May 2018 23:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.4	70.2





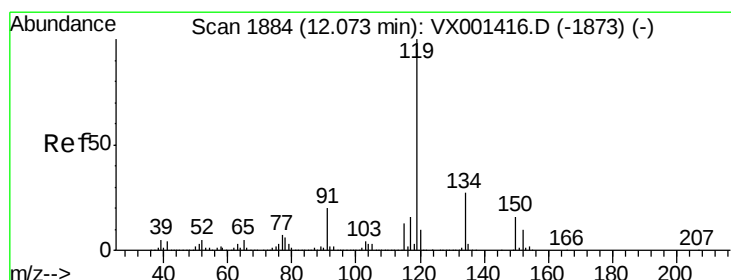
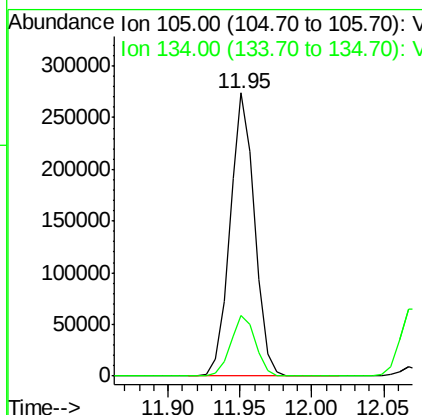
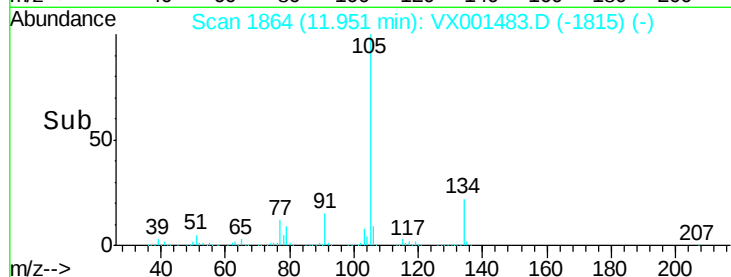
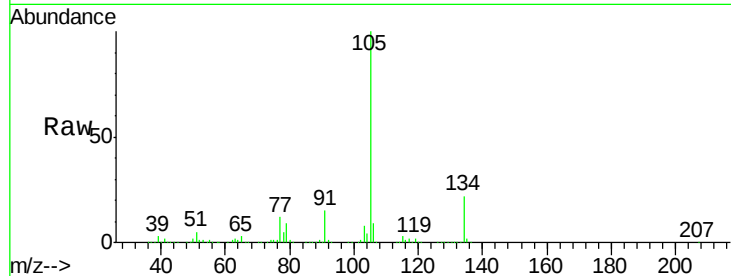
#85
 sec-Butylbenzene
 Concen: 22.08 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001483.D
 Acq: 07 May 2018 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBSD02

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.8	10.9	32.9

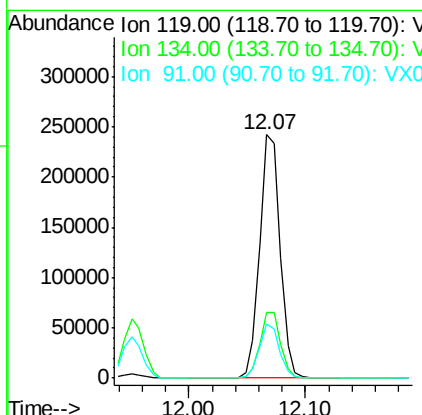
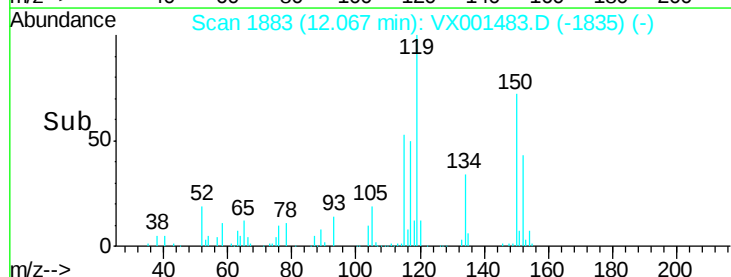
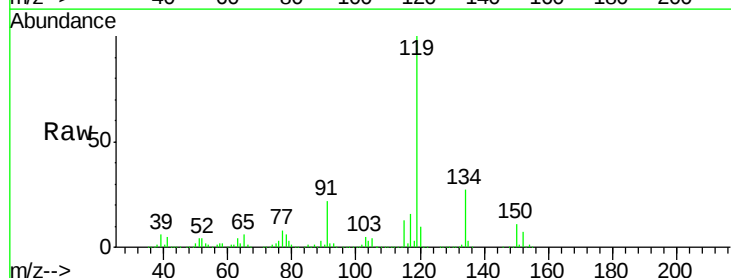
Manual Integrations
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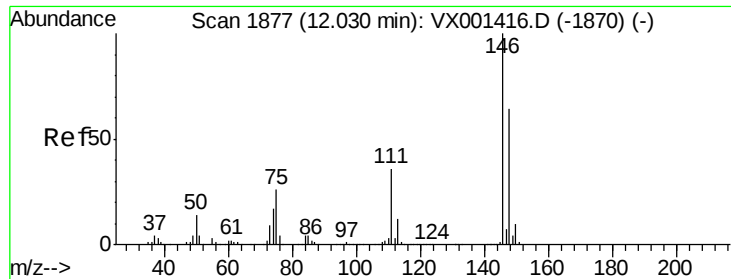
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#86
 p-Isopropyltoluene
 Concen: 21.95 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001483.D
 Acq: 07 May 2018 23:47

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.3	13.6	40.8
91	22.1	10.8	32.3





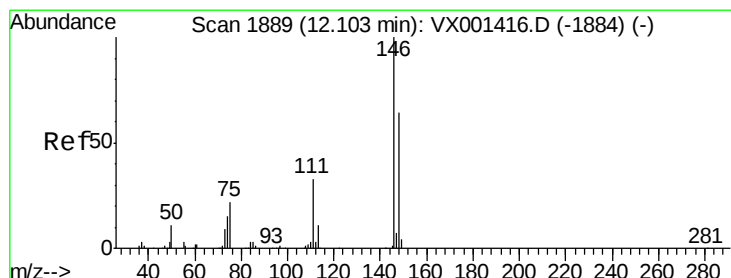
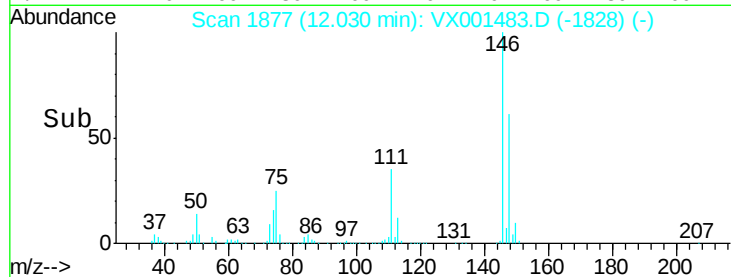
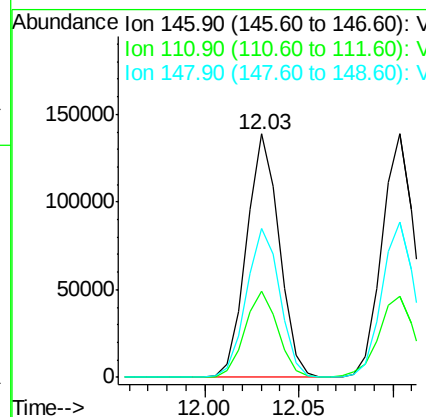
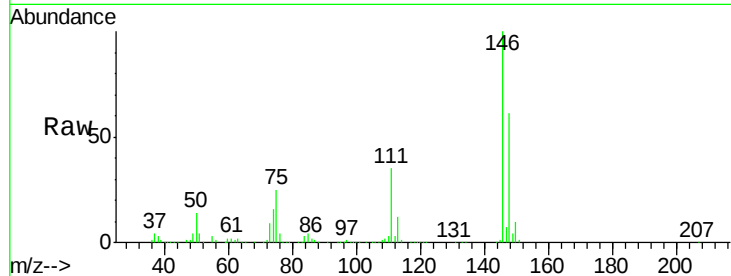
#87
 1,3-Dichlorobenzene
 Concen: 21.59 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001483.D
 Acq: 07 May 2018 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.6	18.1	54.1
148	62.9	32.1	96.5

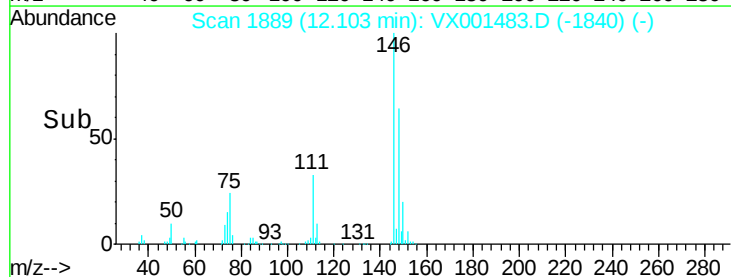
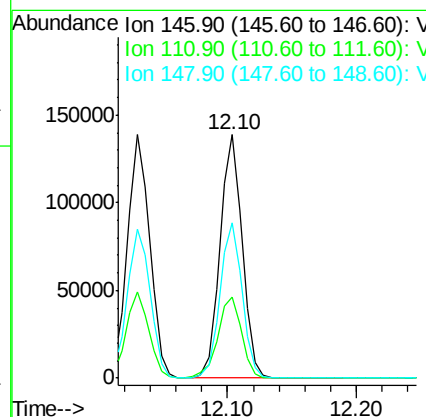
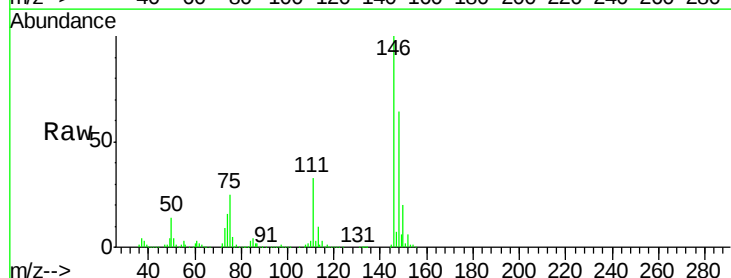
Manual Integrations
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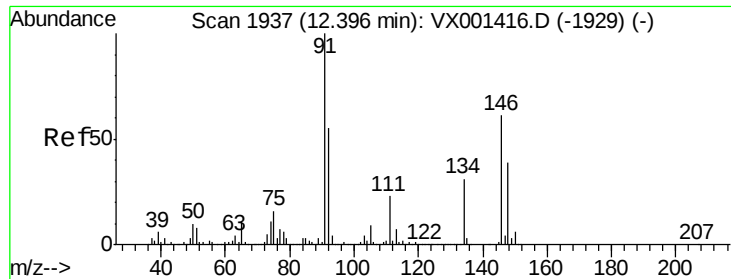
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#88
 1,4-Dichlorobenzene
 Concen: 21.42 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001483.D
 Acq: 07 May 2018 23:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.5	17.4	52.3
148	63.7	32.2	96.6





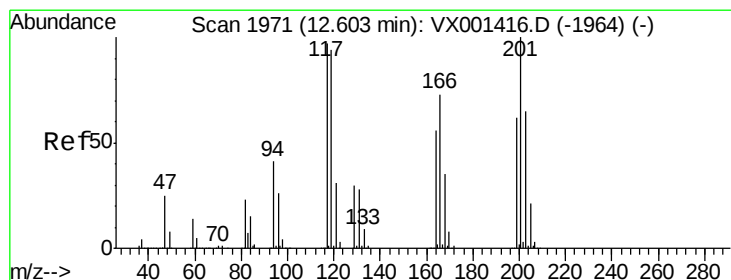
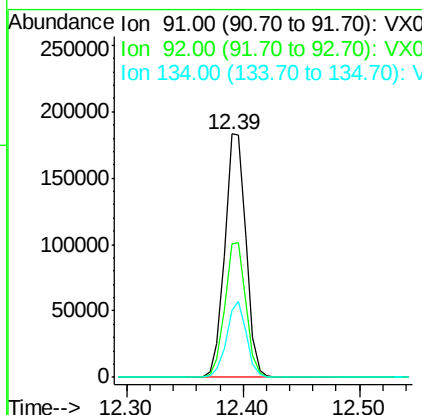
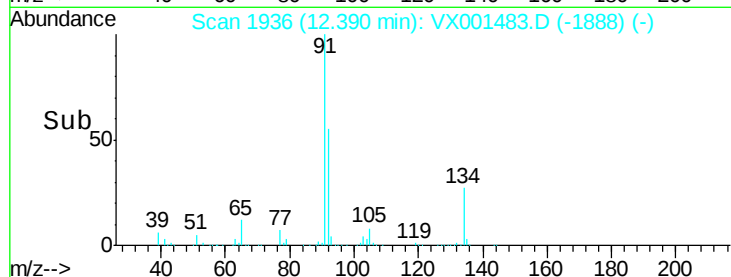
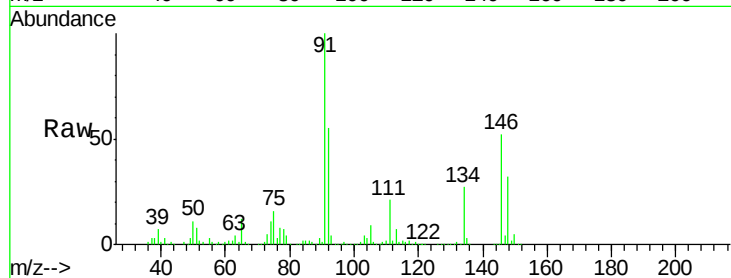
#89
n-Butylbenzene
Concen: 20.40 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001483.D
Acq: 07 May 2018 23:47

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.2	81.5
134	29.3	14.6	44.0

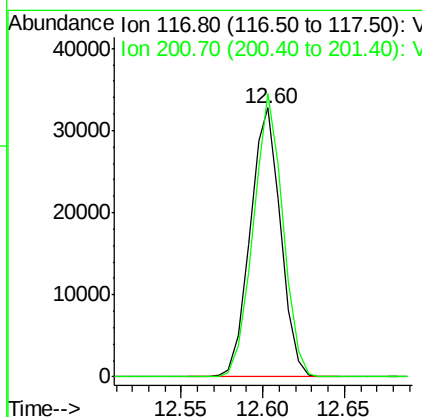
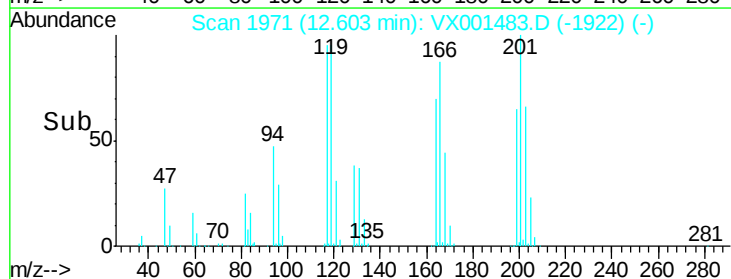
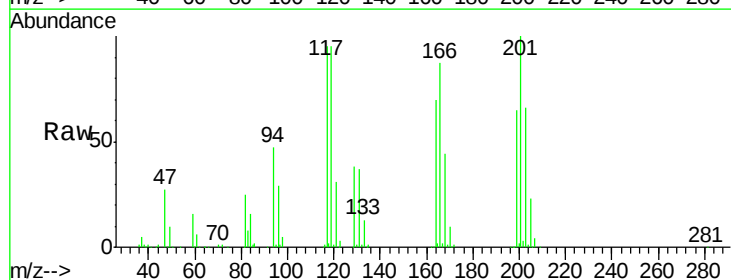
Manual Integrations
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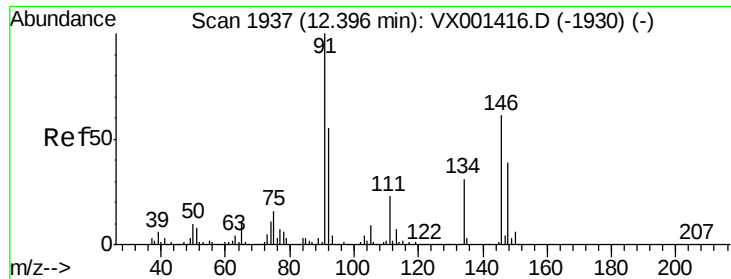
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#90
Hexachloroethane
Concen: 20.73 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001483.D
Acq: 07 May 2018 23:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	102.0	51.5	154.5





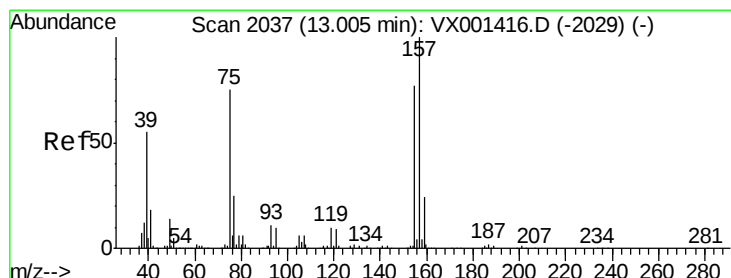
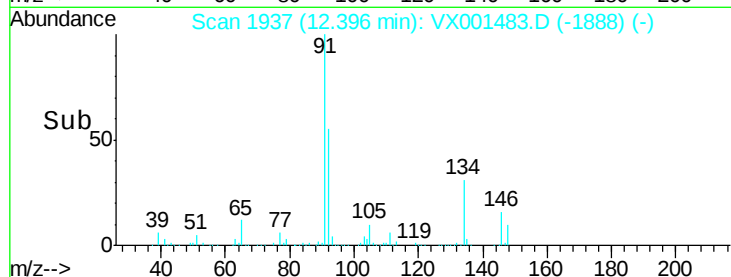
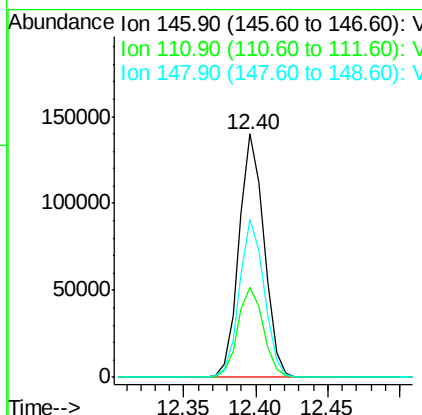
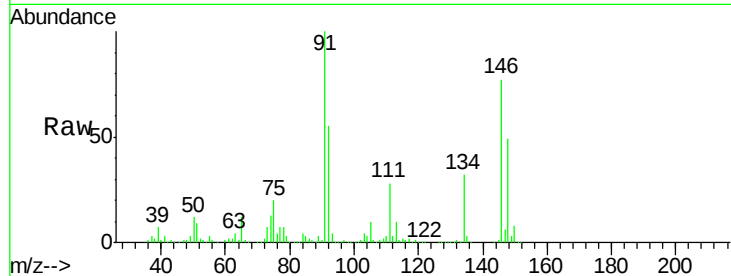
#91
 1,2-Dichlorobenzene
 Concen: 21.57 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001483.D
 Acq: 07 May 2018 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	169926		
111	37.3	18.6	55.8	
148	64.1	32.1	96.5	

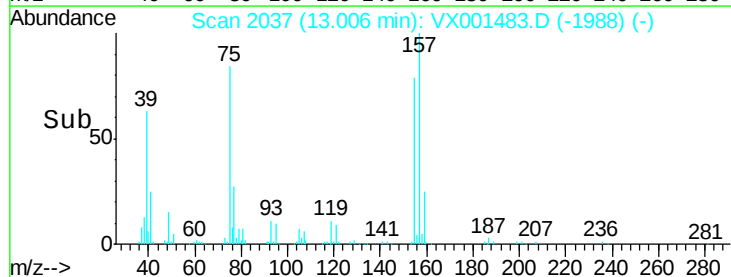
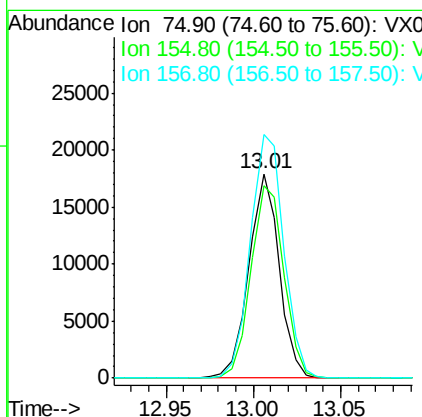
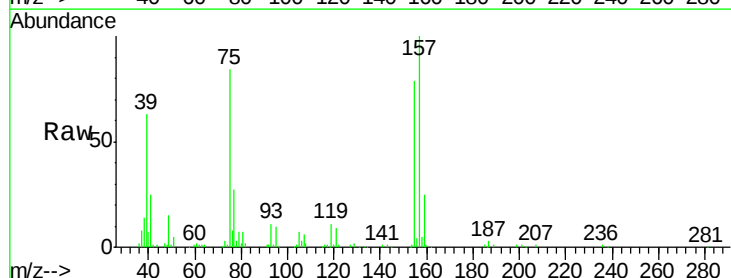
Manual Integrations
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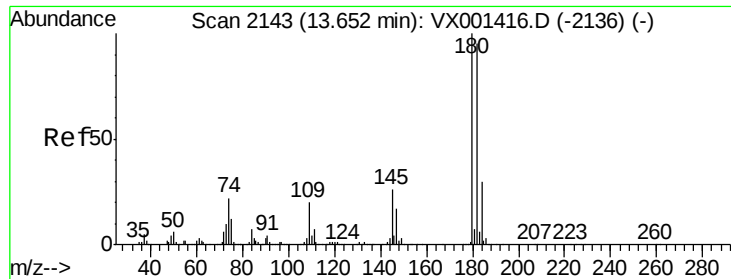
MMDadoda
 5/9/2018 5:47:36 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.40 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001483.D
 Acq: 07 May 2018 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	21655		
155	101.8	53.4	160.2	
157	130.6	68.3	204.8	





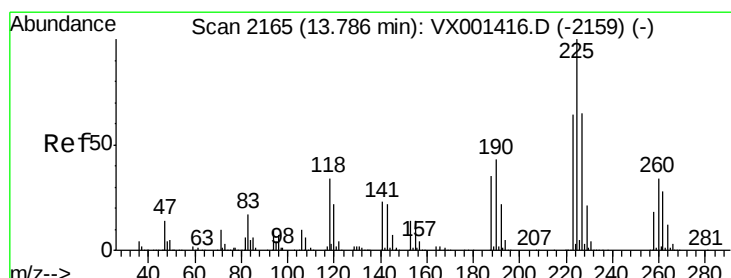
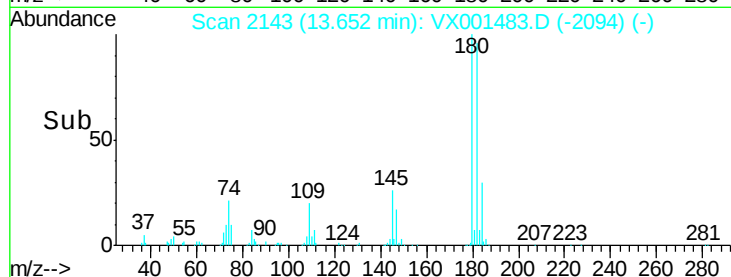
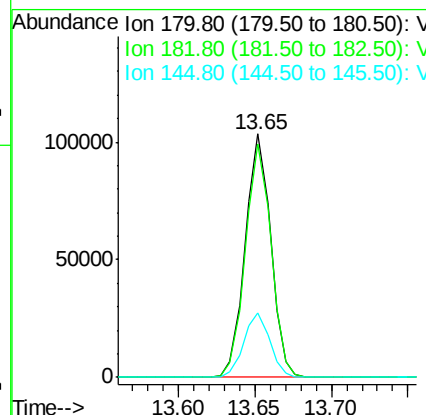
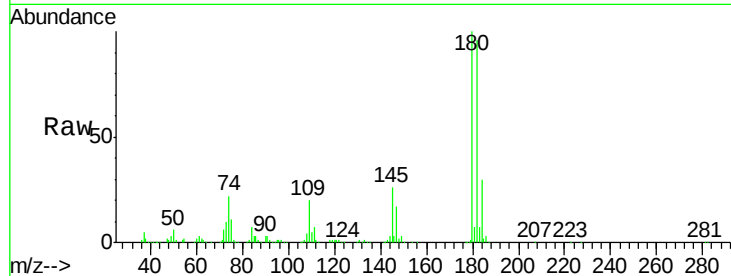
#93
 1,2,4-Trichlorobenzene
 Concen: 20.78 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001483.D
 Acq: 07 May 2018 23:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	119768		
182	96.2	47.8	143.4	
145	27.1	13.3	39.9	

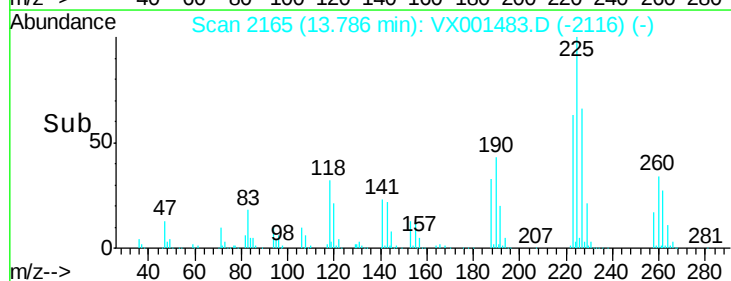
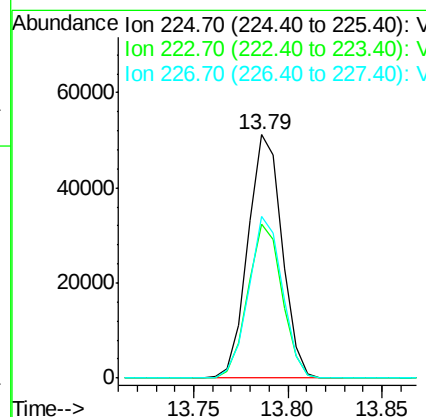
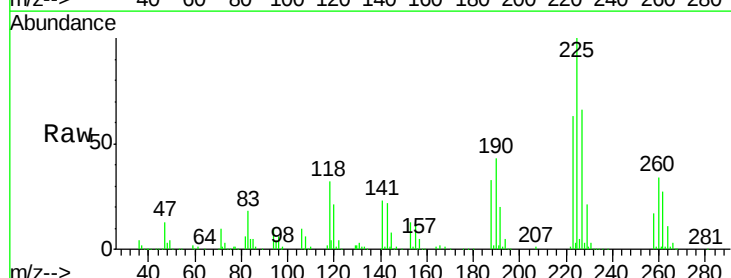
Manual Integrations
 APPROVED

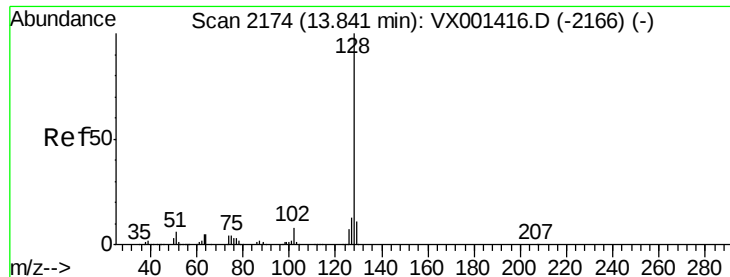
MMDadoda
 5/9/2018 5:47:36 PM



#94
 Hexachlorobutadiene
 Concen: 20.33 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001483.D
 Acq: 07 May 2018 23:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	64137		
223	63.4	31.3	93.9	
227	65.4	32.4	97.2	





#95

Naphthalene

Concen: 22.09 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001483.D

Acq: 07 May 2018 23:47

Instrument :

MSVOA_X

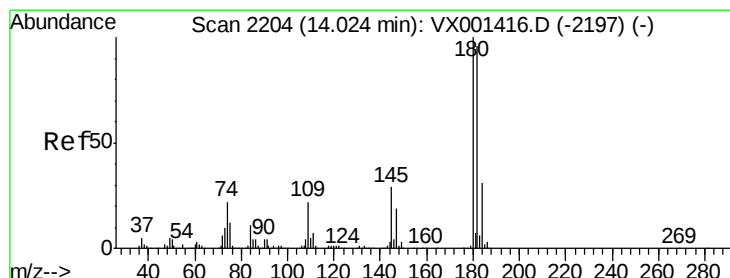
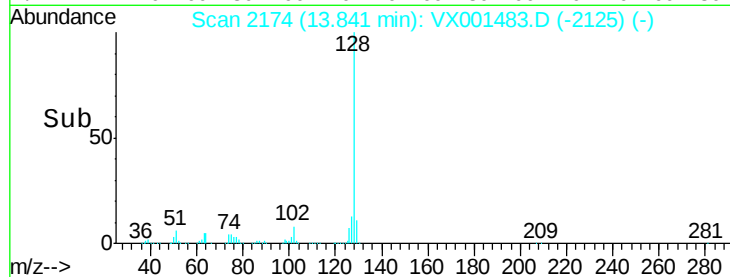
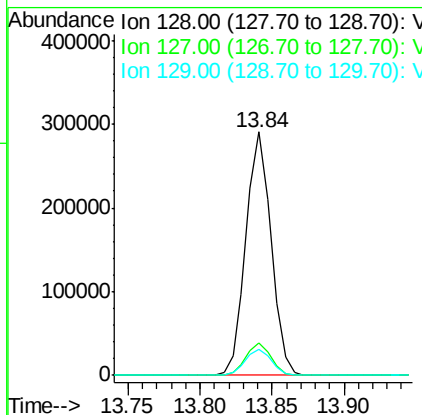
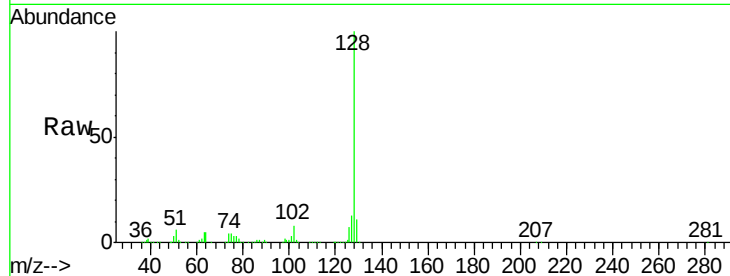
ClientSampleId :

VX0507WBSD02

Tot Ion:	128	Resp:	352247
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/9/2018 5:47:36 PM



#96

1,2,3-Trichlorobenzene

Concen: 21.36 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001483.D

Acq: 07 May 2018 23:47

Tgt Ion:	180	Resp:	126353
Ion Ratio	Lower	Upper	
180	100		
182	96.0	48.0	144.2
145	28.4	14.1	42.4

