

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
 Data File : VX005323.D
 Acq On : 13 Oct 2018 05:24
 Operator : JC/MD
 Sample : J5429-04MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-MMW3414MS

Manual Integrations
 APPROVED

MMDadoda
 10/17/2018 9:06:20 AM

Quant Time: Oct 15 00:59:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	246120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	367095	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	347336	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199257	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	144541	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	
35) Dibromofluoromethane	5.51	113	116207	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
50) Toluene-d8	8.72	98	438503	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
62) 4-Bromofluorobenzene	11.14	95	161398	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	99625	51.77	ug/l	98
3) Chloromethane	1.32	50	141545	50.76	ug/l	100
4) Vinyl Chloride	1.41	62	145881	51.65	ug/l	99
5) Bromomethane	1.64	94	81656	51.17	ug/l	99
6) Chloroethane	1.71	64	92587	56.16	ug/l	100
7) Trichlorofluoromethane	1.93	101	201770	53.53	ug/l	95
8) Diethyl Ether	2.19	74	84781	52.67	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	111385	51.20	ug/l	97
10) Methyl Iodide	2.51	142	140703	58.53	ug/l	98
11) Tert butyl alcohol	3.08	59	188286	244.36	ug/l	100
12) 1,1-Dichloroethene	2.37	96	112388	52.14	ug/l	95
13) Acrolein	2.30	56	110845	225.22	ug/l	96
14) Allyl chloride	2.73	41	240140	50.74	ug/l	95
15) Acrylonitrile	3.15	53	453415	259.68	ug/l	98
16) Acetone	2.45	43	410557	259.95	ug/l	96
17) Carbon Disulfide	2.57	76	335641	51.40	ug/l	99
18) Methyl Acetate	2.78	43	308384	68.63	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	415194	54.69	ug/l	97
20) Methylene Chloride	2.86	84	133672	58.30	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	123169	51.56	ug/l	97
22) Diisopropyl ether	3.87	45	399504	50.26	ug/l	95
23) Vinyl Acetate	3.82	43	1434924	206.53	ug/l	96
24) 1,1-Dichloroethane	3.70	63	243240	53.39	ug/l	98
25) 2-Butanone	4.70	43	580659	251.28	ug/l	95
26) 2,2-Dichloropropane	4.59	77	106854	31.36	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	133621	51.47	ug/l	99
28) Bromochloromethane	5.02	49	106248	51.16	ug/l	95
29) Tetrahydrofuran	5.15	42	374521	254.09	ug/l	94
30) Chloroform	5.21	83	220863	52.23	ug/l	96
31) Cyclohexane	5.57	56	190062	50.62	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	191365	52.01	ug/l	99
36) 1,1-Dichloropropene	5.80	75	160649	45.19	ug/l	99
37) Ethyl Acetate	4.86	43	173924	38.04	ug/l	98
38) Carbon Tetrachloride	5.78	117	171867	48.11	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	180453	46.90	ug/l	96
40) Benzene	6.14	78	497137	46.61	ug/l	99
41) Methacrylonitrile	5.06	41	118893	48.50	ug/l	96
42) 1,2-Dichloroethane	6.20	62	178834	47.49	ug/l	97
43) Isopropyl Acetate	6.46	43	275217	45.19	ug/l	97
44) Trichloroethene	7.21	130	134786	49.49	ug/l	96
45) 1,2-Dichloropropane	7.52	63	131946	50.44	ug/l	97
46) Dibromomethane	7.66	93	85946	49.78	ug/l	98
47) Bromodichloromethane	7.90	83	166915	52.26	ug/l	98
48) Methyl methacrylate	7.77	41	165044	52.25	ug/l	94
49) 1,4-Dioxane	7.75	88	65545	899.61	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1122660	266.21	ug/l	94
52) Toluene	8.79	92	314267	53.86	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	173847	50.30	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	182674	48.78	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	130461	52.79	ug/l	99
56) Ethyl methacrylate	9.18	69	199936	55.50	ug/l	96
57) 1,3-Dichloropropane	9.37	76	215968	52.36	ug/l	100
59) 2-Hexanone	9.50	43	889938	262.34	ug/l	94
60) Dibromochloromethane	9.59	129	139192	54.49	ug/l	100
61) 1,2-Dibromoethane	9.67	107	135502	52.24	ug/l	99
64) Tetrachloroethene	9.34	164	129305	46.24	ug/l	98
65) Chlorobenzene	10.14	112	357056	48.33	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	131157	49.82	ug/l	98
67) Ethyl Benzene	10.25	91	604351	50.32	ug/l	96
68) m/p-Xylenes	10.36	106	471098	101.05	ug/l	95
69) o-Xylene	10.70	106	226830	50.45	ug/l	97
70) Styrene	10.71	104	385070	52.07	ug/l	97
71) Bromoform	10.86	173	116774	49.63	ug/l #	99
73) Isopropylbenzene	11.02	105	613232	51.77	ug/l	99
74) N-amyl acetate	10.90	43	238418	41.73	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	215586	48.25	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	195738m	50.64	ug/l	
77) Bromobenzene	11.26	156	168308	49.69	ug/l	100
78) n-propylbenzene	11.36	91	699729	51.33	ug/l	100
79) 2-Chlorotoluene	11.42	91	419463	50.25	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	520674	51.33	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	54107	42.54	ug/l	98
82) 4-Chlorotoluene	11.51	91	496150	50.14	ug/l	100
83) tert-Butylbenzene	11.77	119	532775	51.87	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	543126	52.03	ug/l	98
85) sec-Butylbenzene	11.94	105	622332	51.20	ug/l	99
86) p-Isopropyltoluene	12.07	119	561827	51.14	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	306900	48.49	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	313198	48.38	ug/l	99
89) n-Butylbenzene	12.39	91	480997	48.22	ug/l	98
90) Hexachloroethane	12.60	117	94589	49.95	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	313507	48.54	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	52665	48.32	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	235765	49.76	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	116295	46.47	ug/l	96
95) Naphthalene	13.83	128	745297	54.24	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	244313	50.39	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

FA18-MMW3414MS

Tgt Ion:168 Resp: 246120

Ion Ratio Lower Upper

168 100

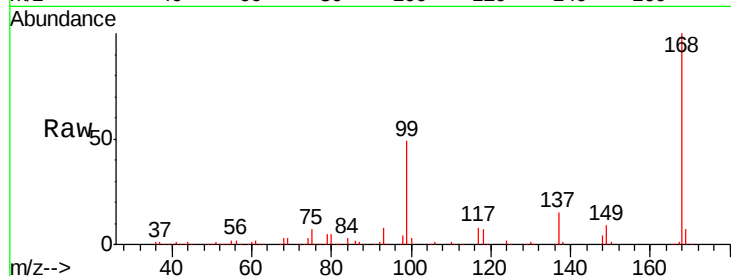
99 48.5 39.9 59.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

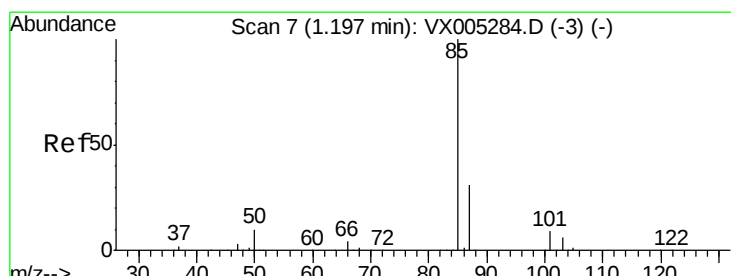
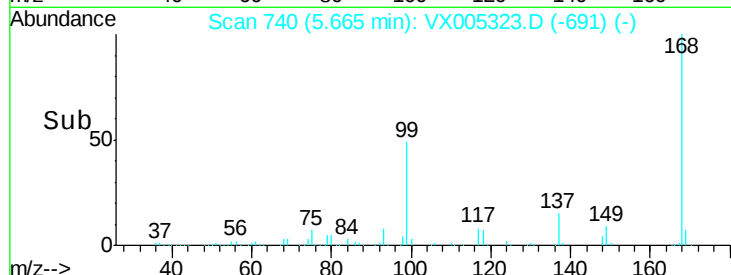
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.77 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005323.D

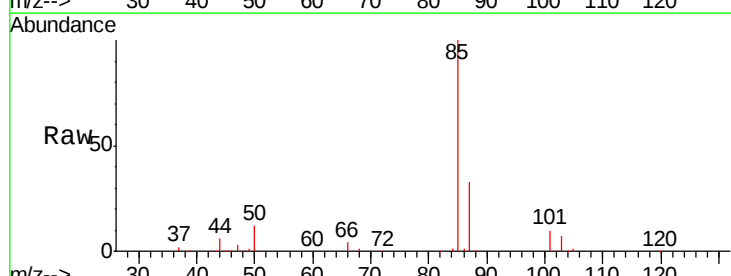
Acq: 13 Oct 2018 05:24

Tgt Ion: 85 Resp: 99625

Ion Ratio Lower Upper

85 100

87 32.6 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

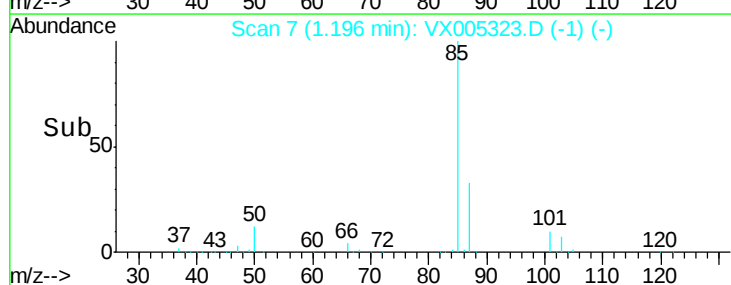
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20000

0

Time-->





#3

Chloromethane

Concen: 50.76 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

FA18-MMW3414MS

Tgt Ion: 50 Resp: 141545

Ion Ratio Lower Upper

50 100

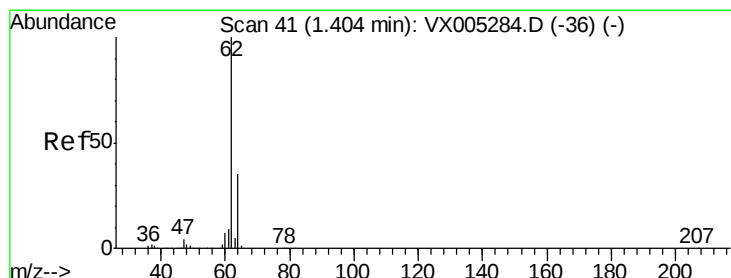
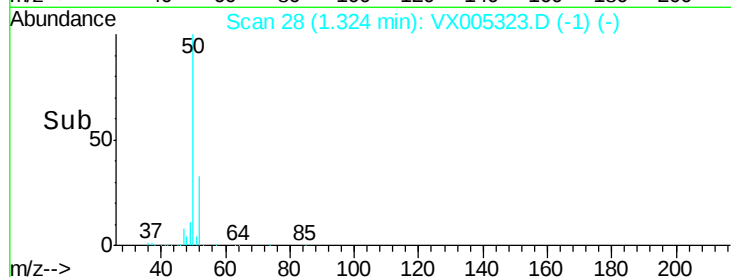
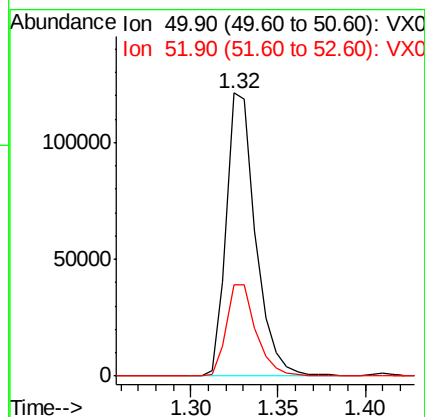
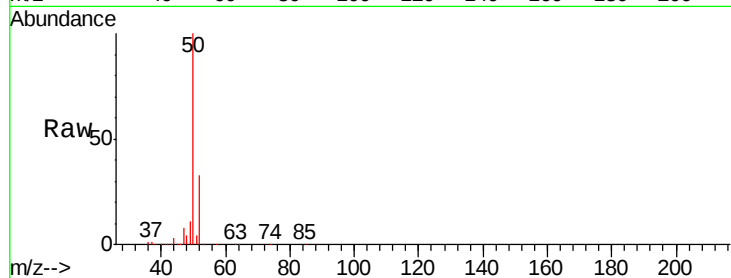
52 32.5 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.65 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005323.D

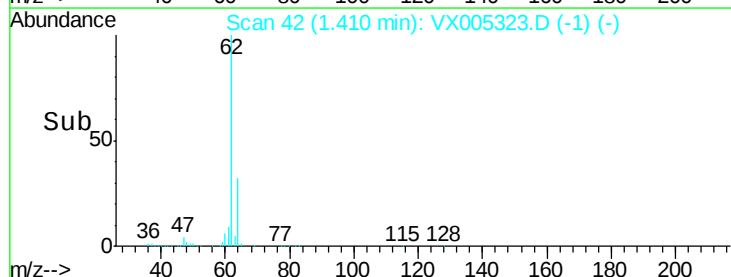
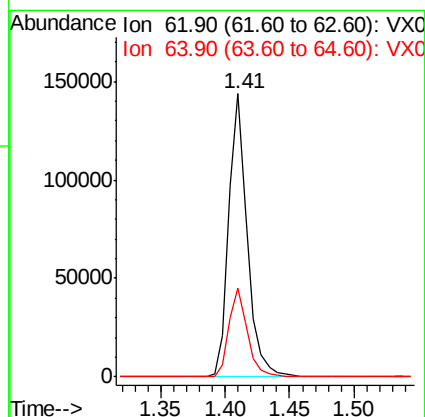
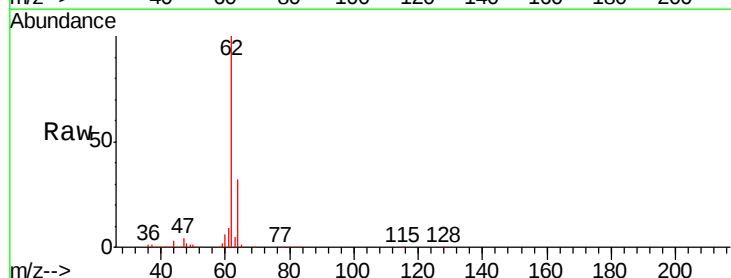
Acq: 13 Oct 2018 05:24

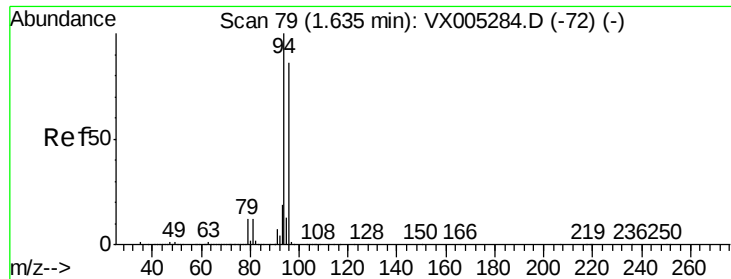
Tgt Ion: 62 Resp: 145881

Ion Ratio Lower Upper

62 100

64 31.6 25.8 38.8





#5

Bromomethane

Concen: 51.17 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

FA18-MMW3414MS

Tgt Ion: 94 Resp: 81656

Ion Ratio Lower Upper

94 100

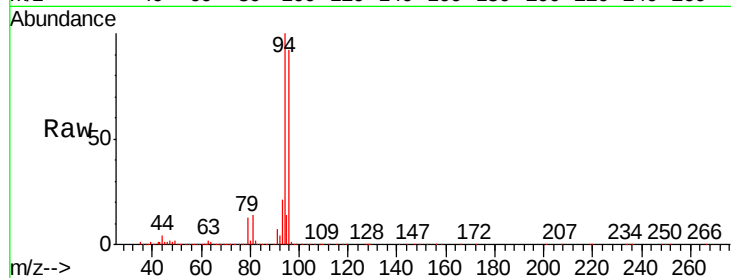
96 92.2 74.5 111.7

Manual Integrations

APPROVED

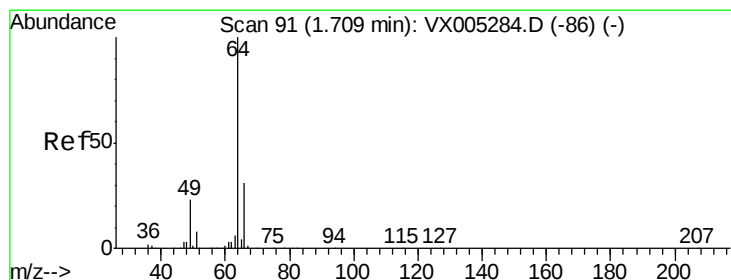
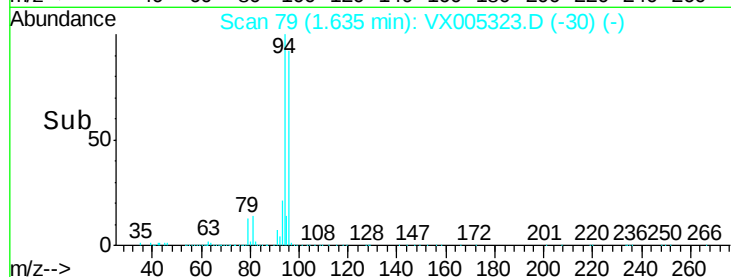
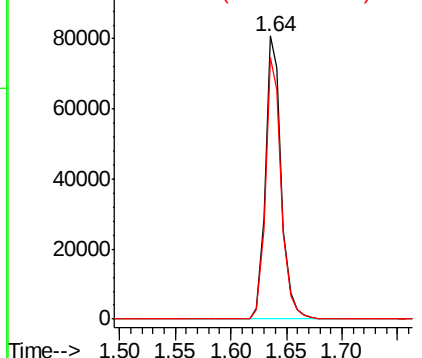
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 56.16 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005323.D

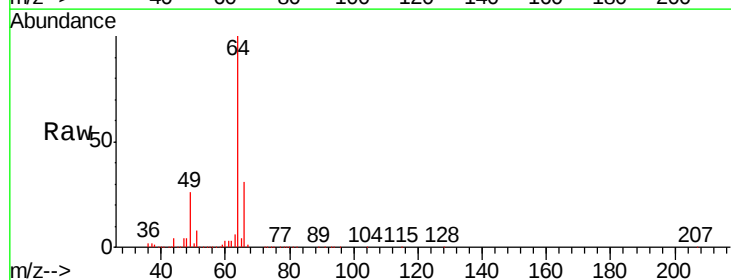
Acq: 13 Oct 2018 05:24

Tgt Ion: 64 Resp: 92587

Ion Ratio Lower Upper

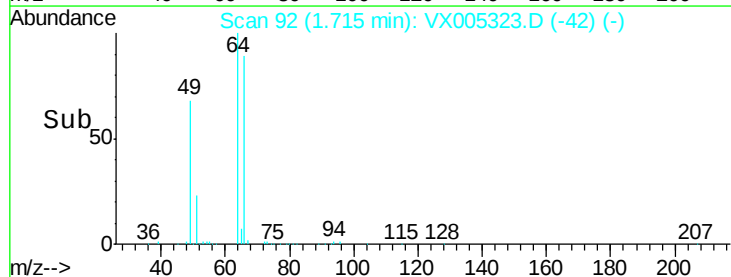
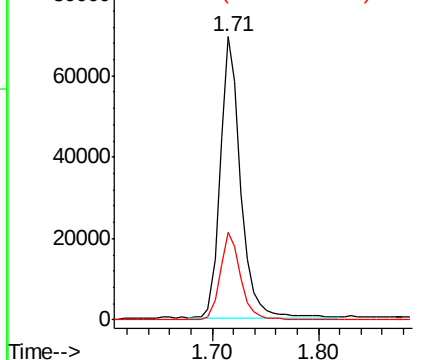
64 100

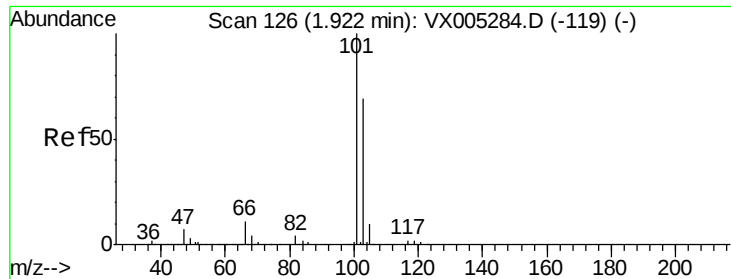
66 30.9 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

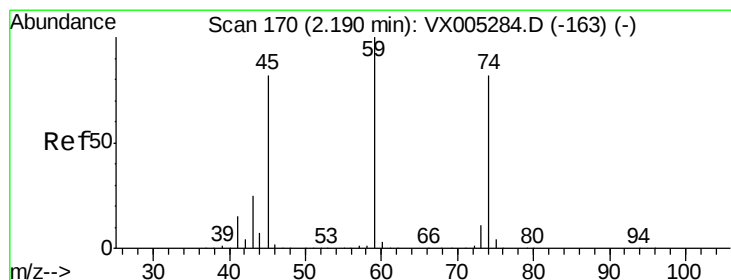
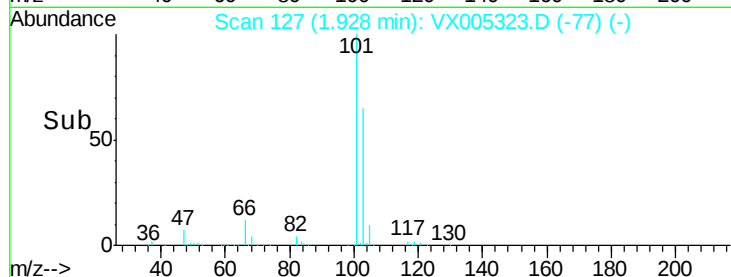
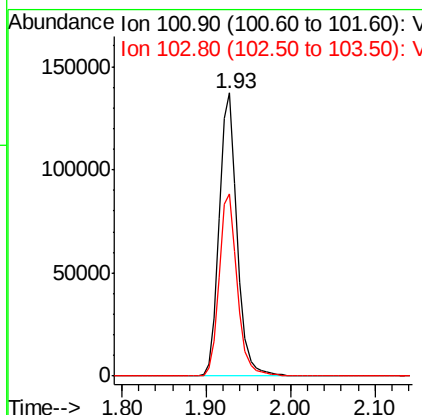
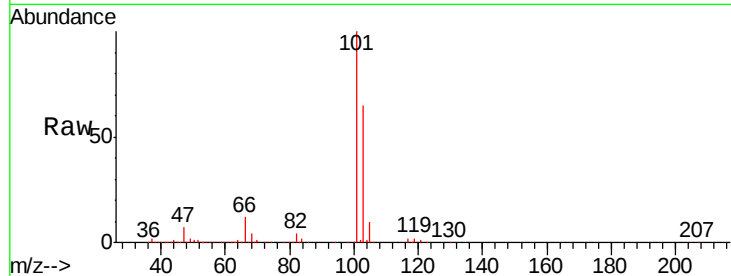
Trichlorofluoromethane
Concen: 53.53 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX005323.D
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Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.6	48.9	73.3

Manual Integrations
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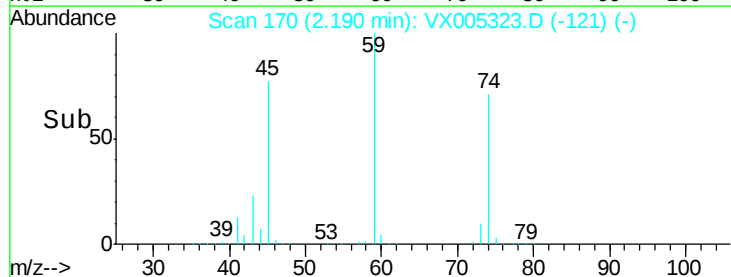
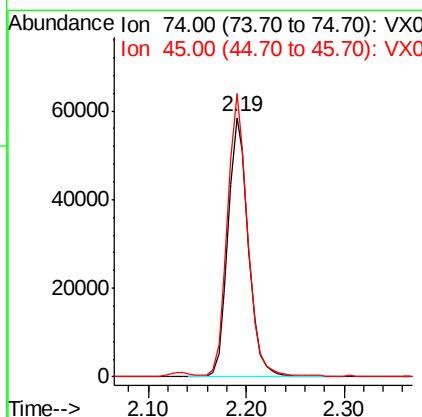
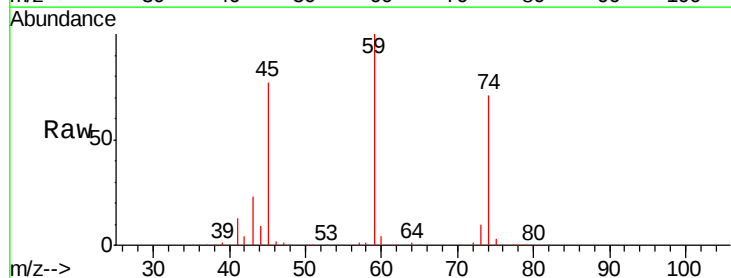
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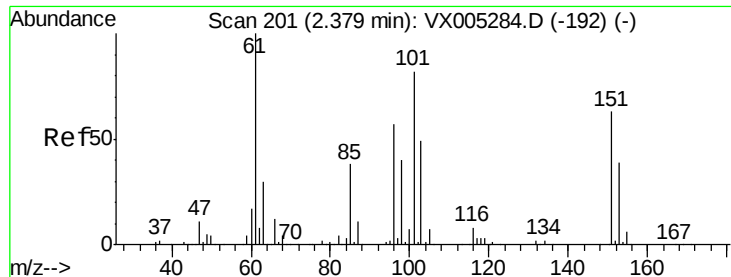


#8

Diethyl Ether
Concen: 52.67 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.3	48.3	144.8





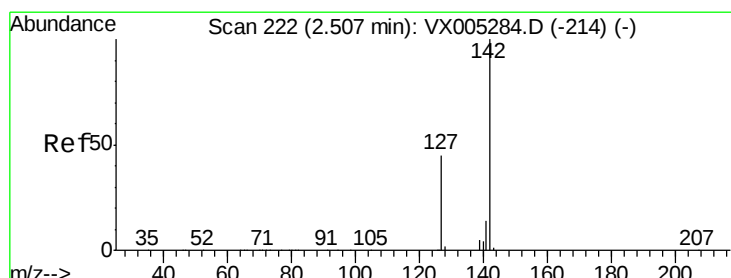
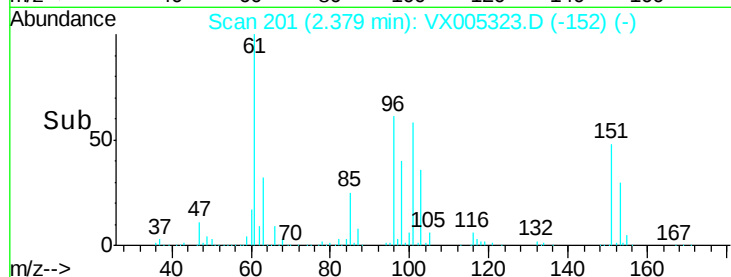
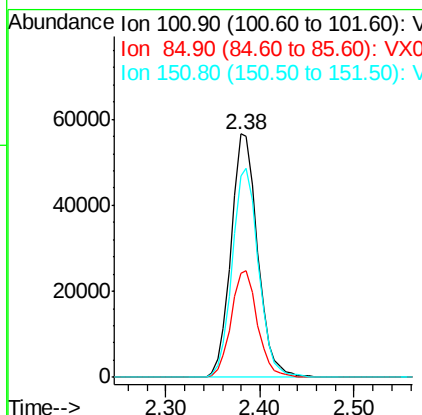
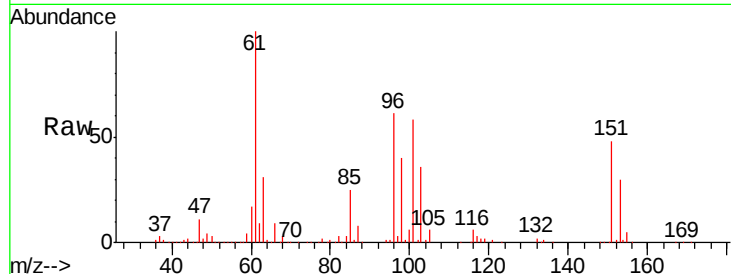
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.20 ug/l
RT: 2.38 min Scan# 201
Delta R.T. -0.00 min
Lab File: VX005323.D
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Instrument :
MSVOA_X
ClientSampleId :
FA18-MMW3414MS

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	111385		
85	43.7	34.2	51.4	
151	85.1	65.0	97.6	

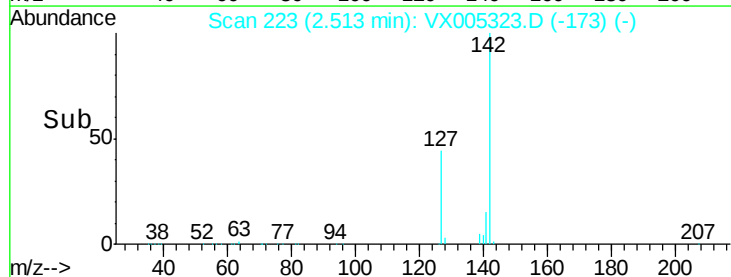
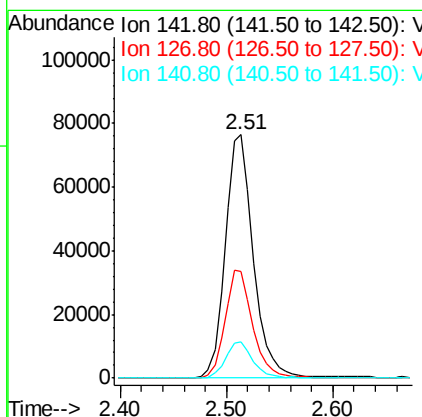
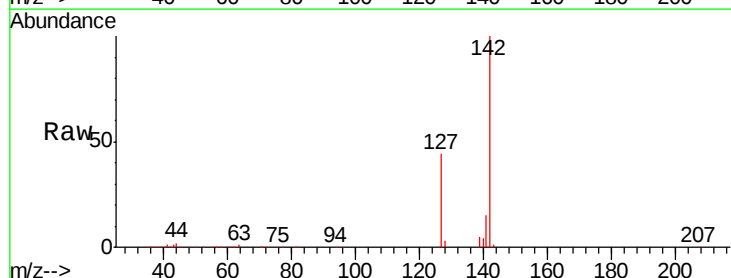
Manual Integrations
APPROVED

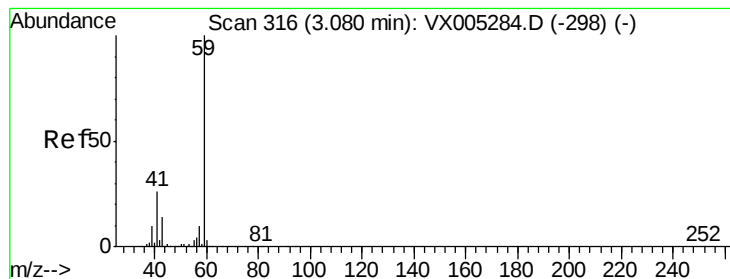
MMDadoda
10/17/2018 9:06:20 AM



#10
Methyl Iodide
Concen: 58.53 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	140703		
127	44.1	33.8	50.6	
141	14.5	11.4	17.0	





#11

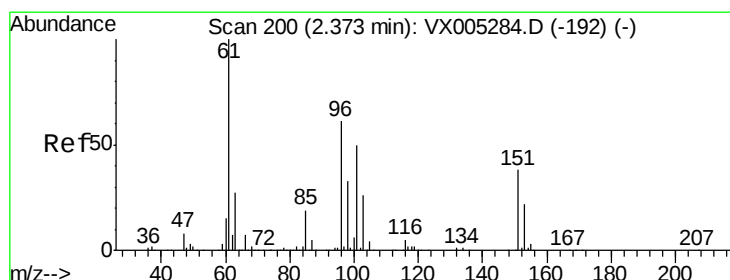
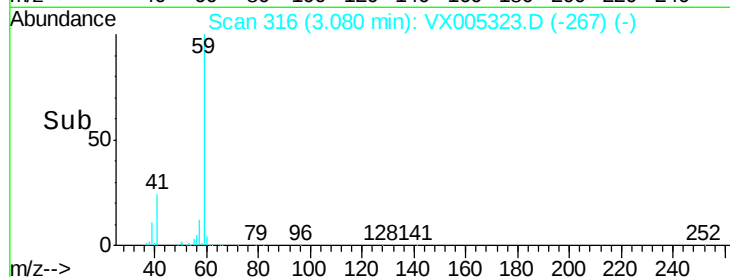
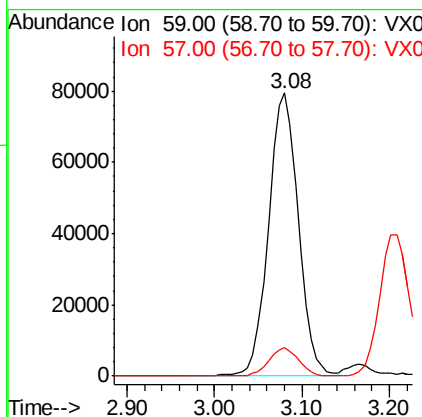
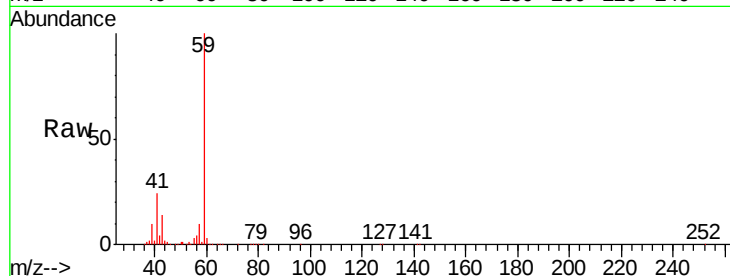
Tert butyl alcohol
Concen: 244.36 ug/l
RT: 3.08 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Instrument :
MSVOA_X
ClientSampleId :
FA18-MMW3414MS

Tgt Ion: 59 Resp: 188286
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

Manual Integrations
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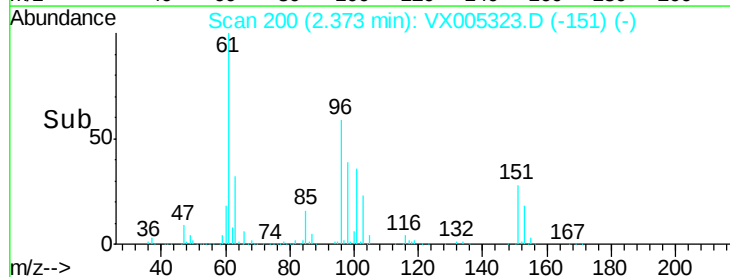
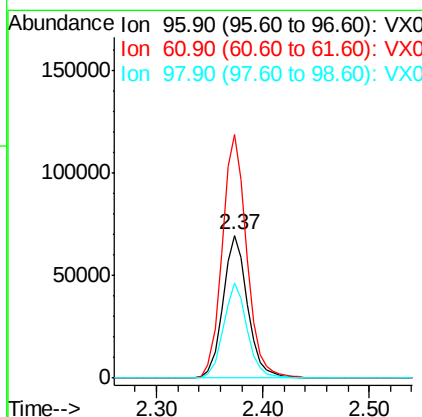
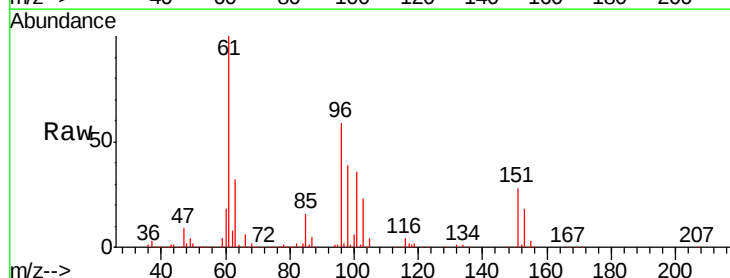
MMDadoda
10/17/2018 9:06:20 AM

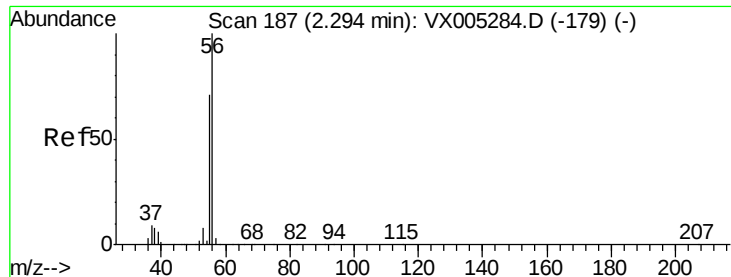


#12

1,1-Dichloroethene
Concen: 52.14 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Tgt Ion: 96 Resp: 112388
Ion Ratio Lower Upper
96 100
61 170.3 128.8 193.2
98 66.1 52.2 78.2





#13

Acrolein

Concen: 225.22 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

FA18-MMW3414MS

Tgt Ion: 56 Resp: 110845

Ion Ratio Lower Upper

56 100

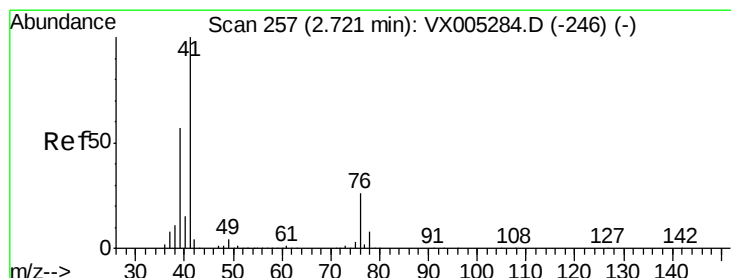
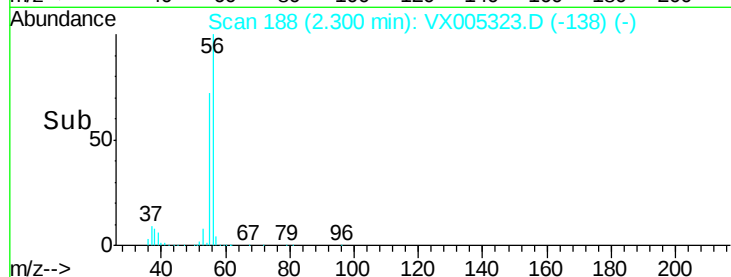
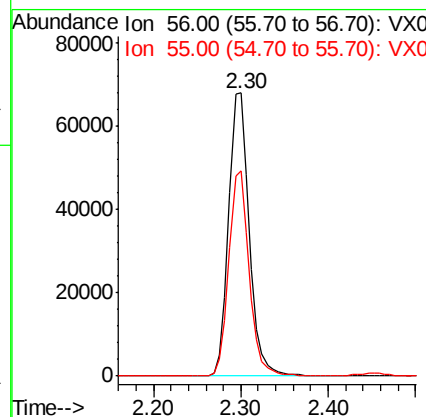
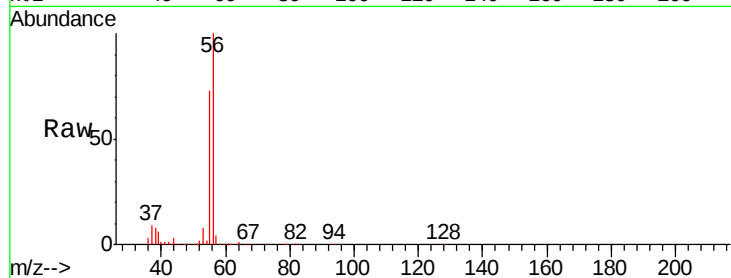
55 71.9 54.7 82.1

Manual Integrations

APPROVED

MMDadoda

10/17/2018 9:06:20 AM



#14

Allyl chloride

Concen: 50.74 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

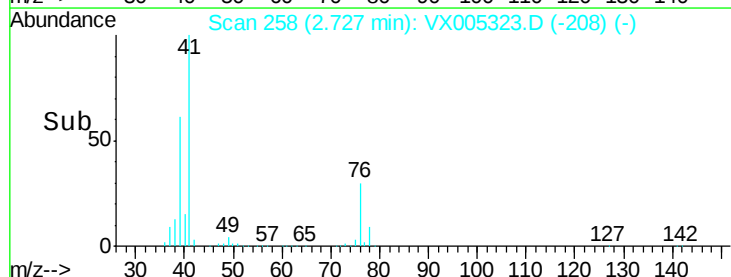
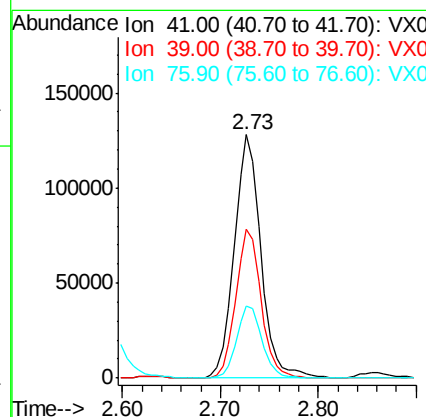
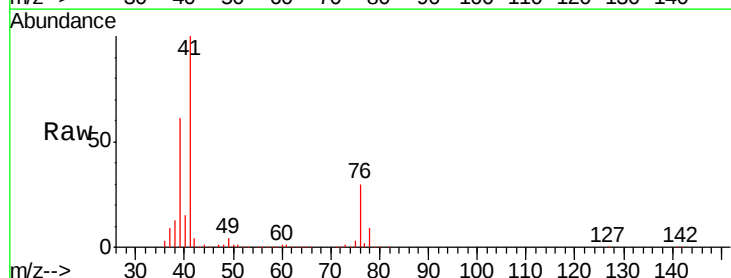
Tgt Ion: 41 Resp: 240140

Ion Ratio Lower Upper

41 100

39 58.6 48.9 73.3

76 28.7 26.7 40.1





#15

Acrylonitrile

Concen: 259.68 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

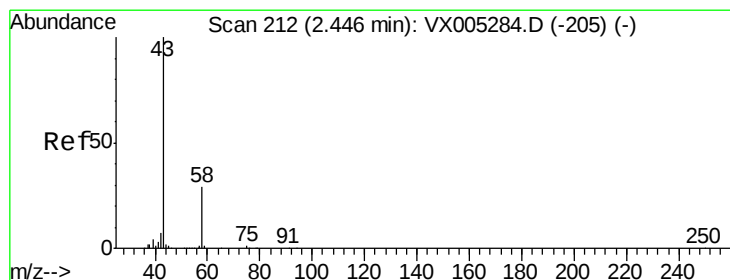
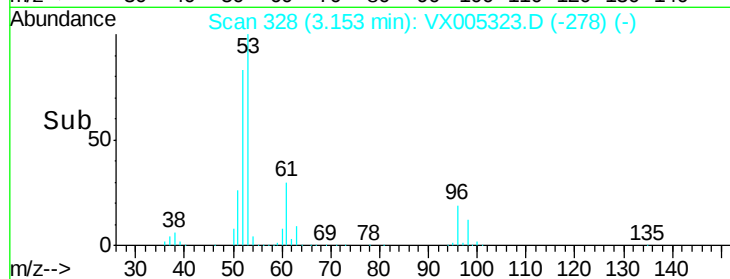
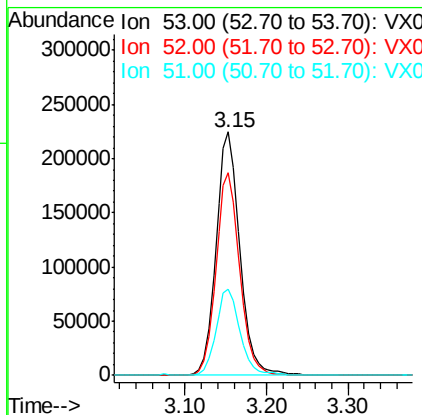
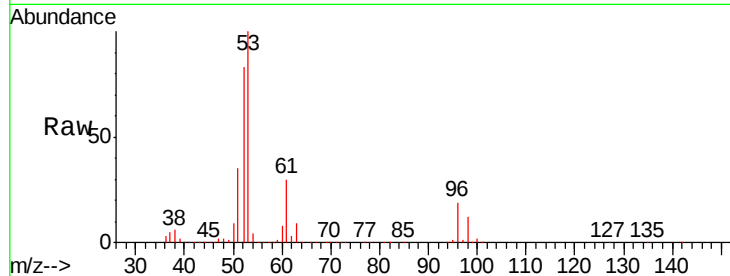
ClientSampleId :

FA18-MMW3414MS

Tgt Ion:	53	Resp:	453415
Ion	Ratio	Lower	Upper
53	100		
52	83.0	65.2	97.8
51	35.9	28.2	42.2

Manual Integrations
APPROVED

MMDadoda
10/17/2018 9:06:20 AM



#16

Acetone

Concen: 259.95 ug/l

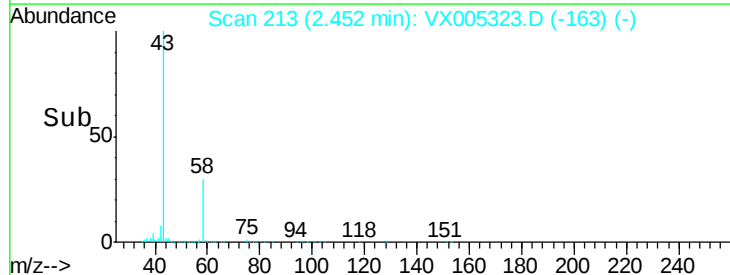
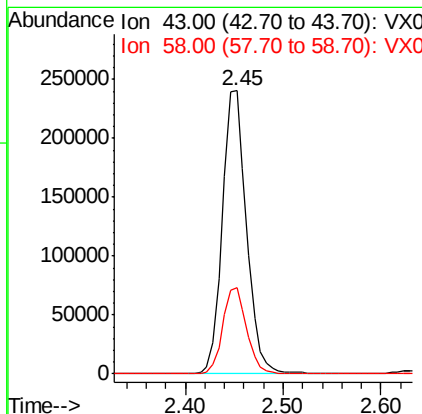
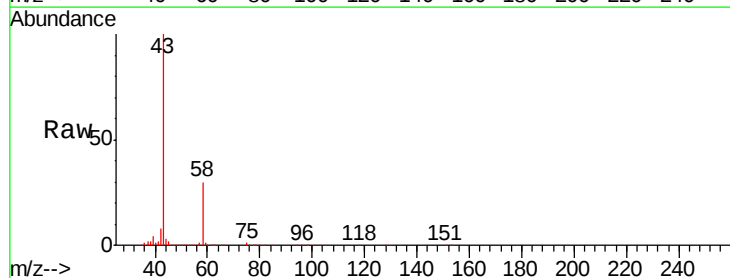
RT: 2.45 min Scan# 213

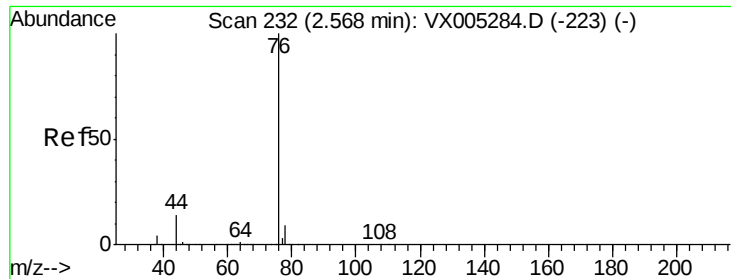
Delta R.T. 0.01 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Tgt Ion:	43	Resp:	410557
Ion	Ratio	Lower	Upper
43	100		
58	30.5	26.2	39.4





#17

Carbon Disulfide

Concen: 51.40 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

FA18-MMW3414MS

Tgt Ion: 76 Resp: 335641

Ion Ratio Lower Upper

76 100

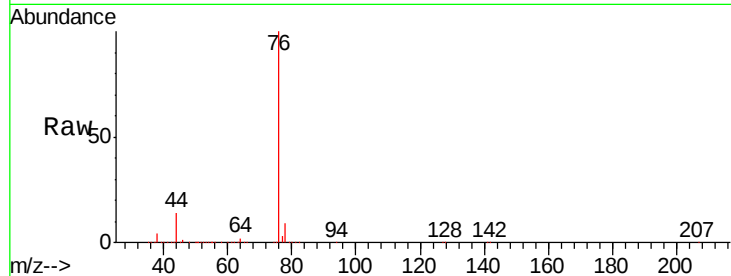
78 9.1 7.0 10.6

Manual Integrations

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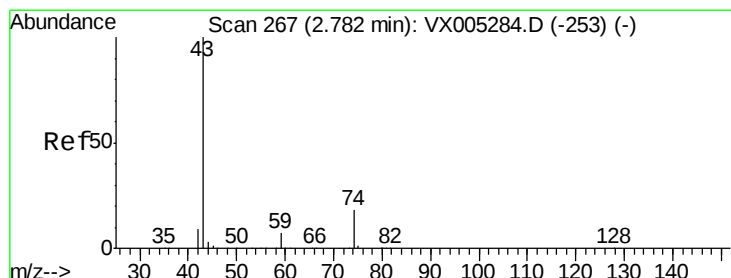
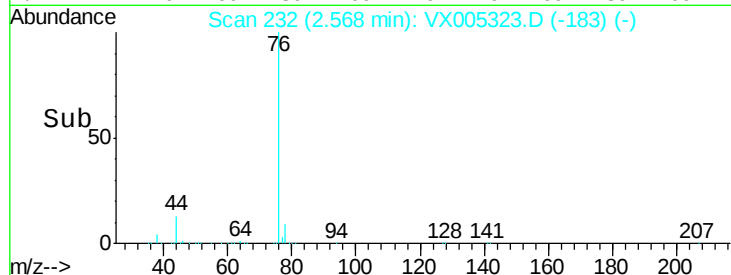
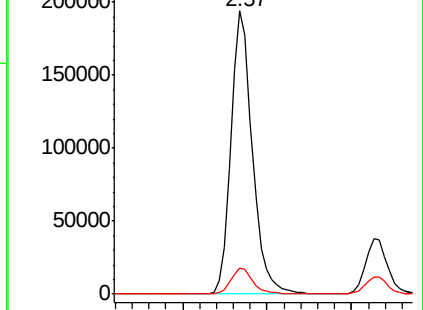
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 68.63 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX005323.D

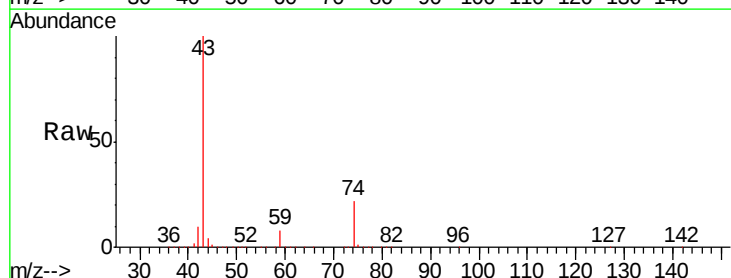
Acq: 13 Oct 2018 05:24

Tgt Ion: 43 Resp: 308384

Ion Ratio Lower Upper

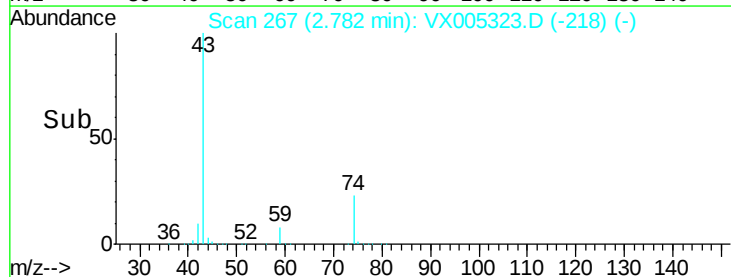
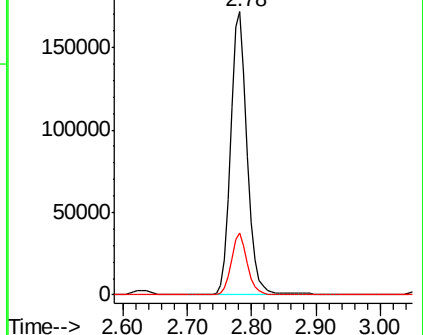
43 100

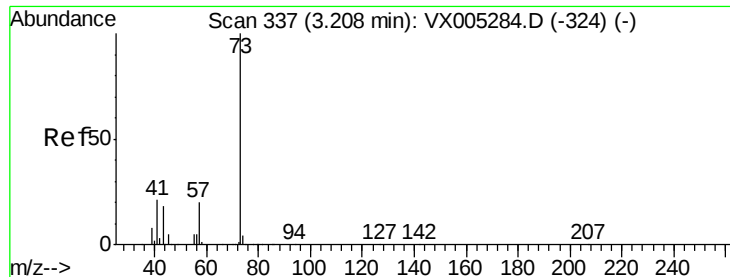
74 21.4 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





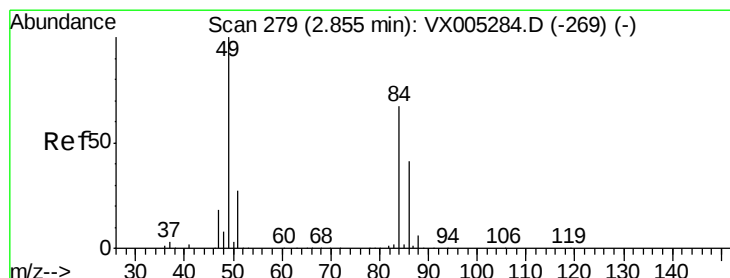
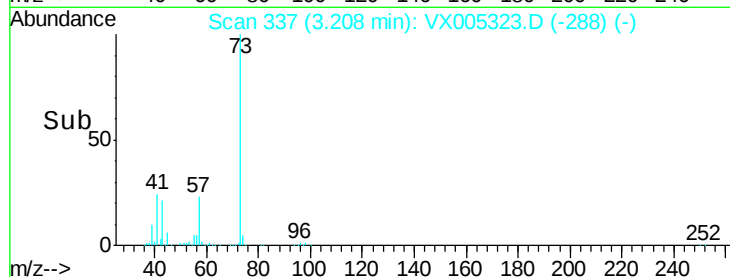
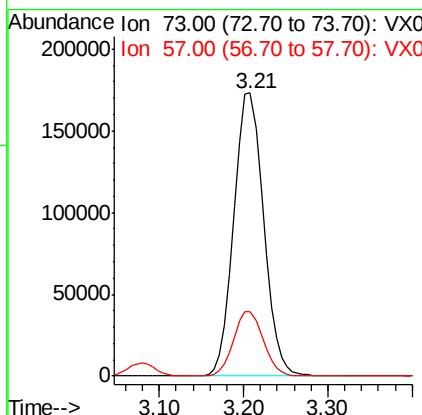
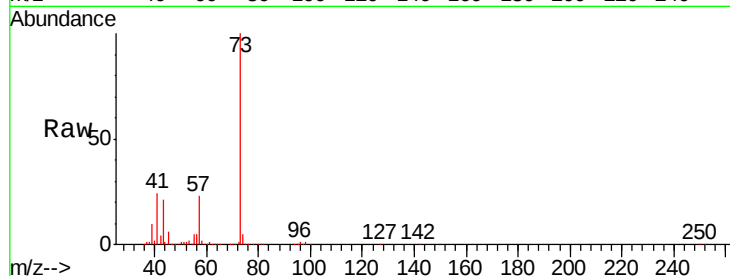
#19
Methyl tert-butyl Ether
Concen: 54.69 ug/l
RT: 3.21 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Instrument :
MSVOA_X
ClientSampleId :
FA18-MMW3414MS

Tgt Ion: 73 Resp: 415194
Ion Ratio Lower Upper
73 100
57 22.9 17.1 25.7

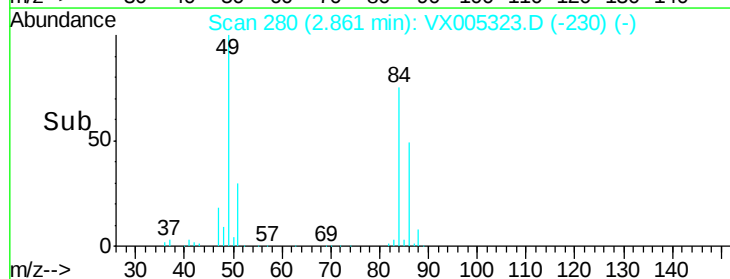
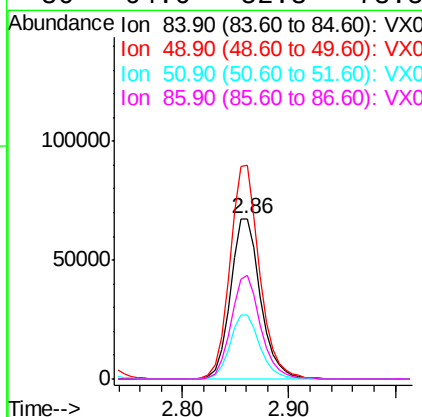
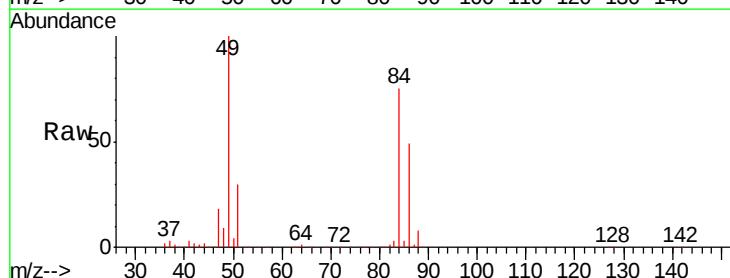
Manual Integrations
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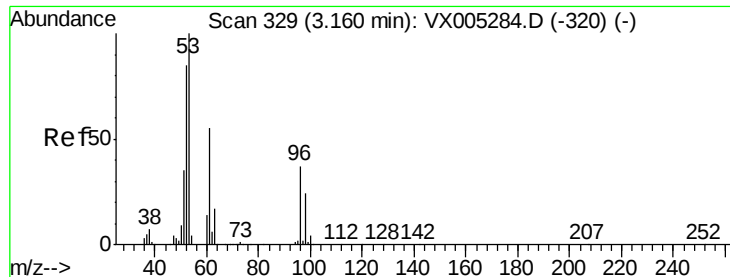
MMDadoda
10/17/2018 9:06:20 AM



#20
Methylene Chloride
Concen: 58.30 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Tgt Ion: 84 Resp: 133672
Ion Ratio Lower Upper
84 100
49 132.9 101.2 151.8
51 39.8 29.5 44.3
86 64.6 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 51.56 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005323.D

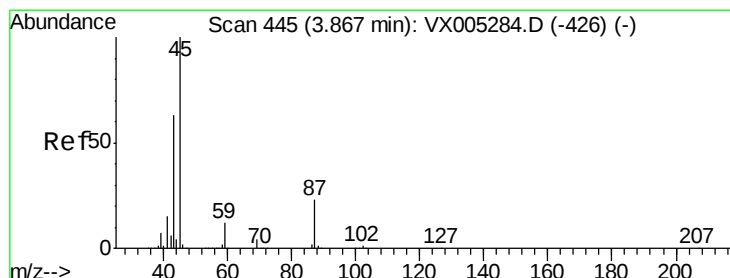
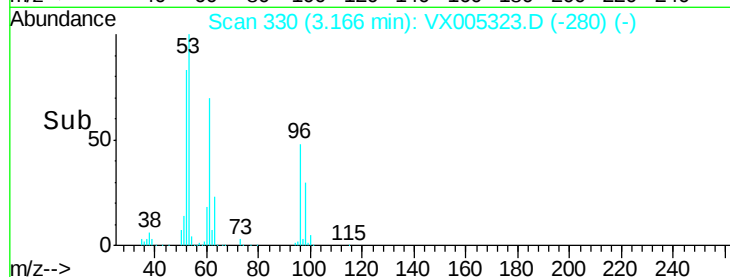
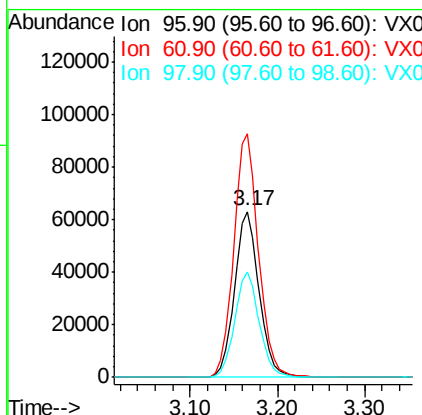
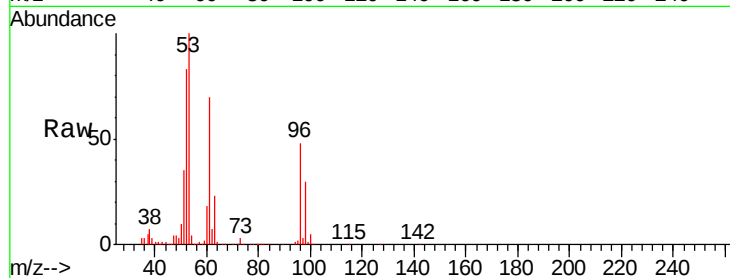
Acq: 13 Oct 2018 05:24

Instrument :
MSVOA_X
ClientSampleId :
FA18-MMW3414MS

Tgt Ion:	96	Resp:	123169
Ion	Ratio	Lower	Upper
96	100		
61	146.4	113.8	170.6
98	63.7	51.8	77.8

Manual Integrations
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MMDadoda
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#22

Diisopropyl ether

Concen: 50.26 ug/l

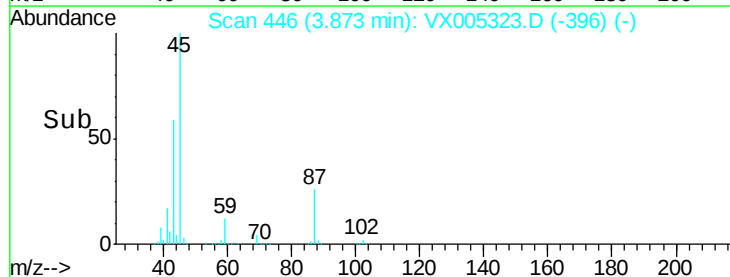
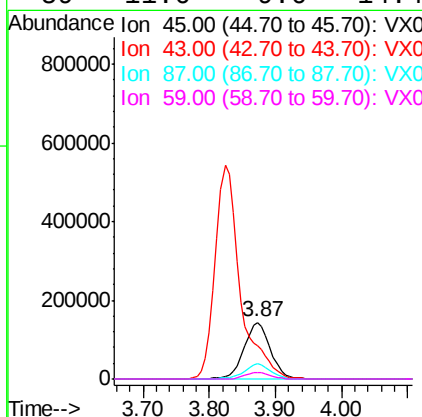
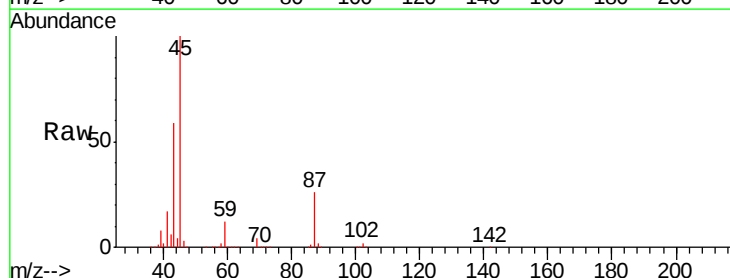
RT: 3.87 min Scan# 446

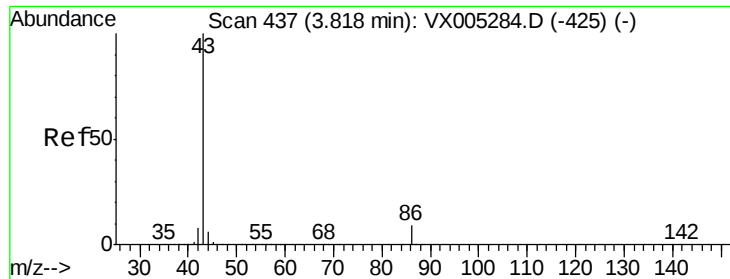
Delta R.T. 0.01 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Tgt Ion:	45	Resp:	399504
Ion	Ratio	Lower	Upper
45	100		
43	58.5	42.8	64.2
87	26.3	22.6	34.0
59	11.6	9.6	14.4





#23

Vinyl Acetate

Concen: 206.53 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

FA18-MMW3414MS

Tgt Ion: 43 Resp: 1434924

Ion Ratio Lower Upper

43 100

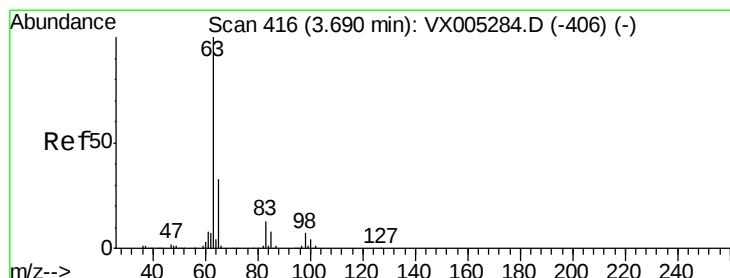
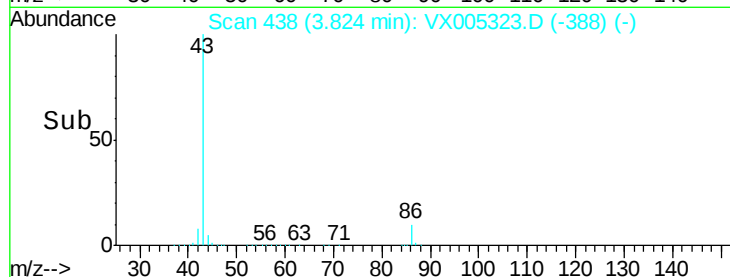
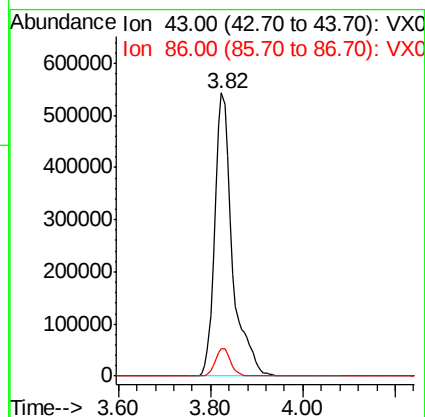
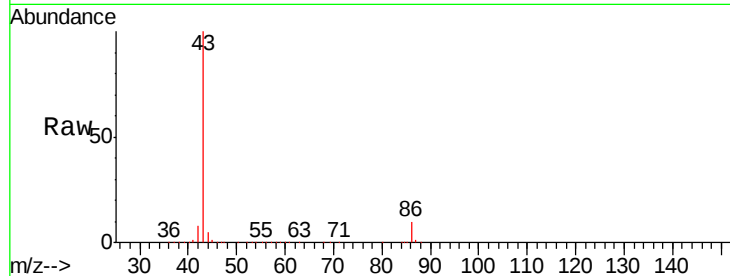
86 9.7 8.9 13.3

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 53.39 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

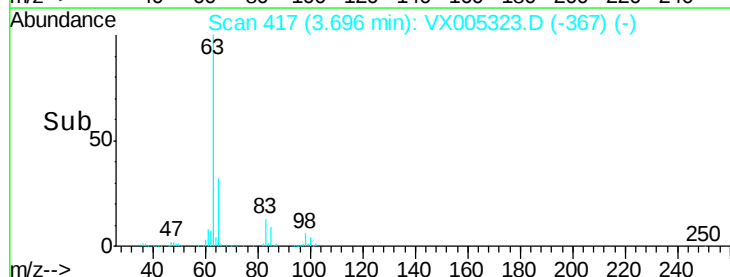
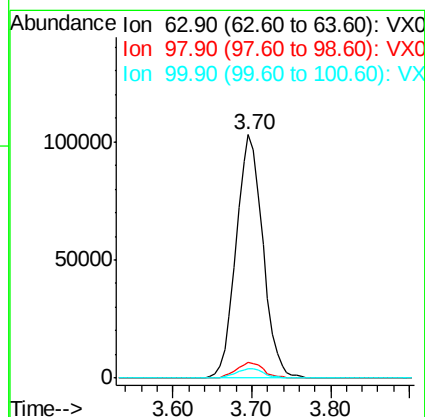
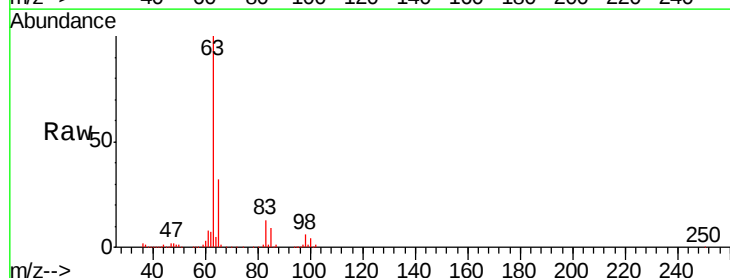
Tgt Ion: 63 Resp: 243240

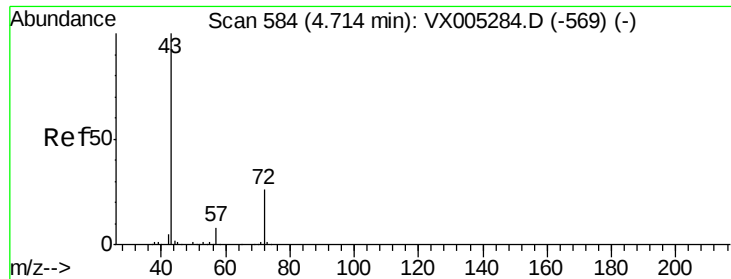
Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.4

100 4.0 2.4 7.1





#25

2-Butanone

Concen: 251.28 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

FA18-MMW3414MS

Tgt Ion: 43 Resp: 580659

Ion Ratio Lower Upper

43 100

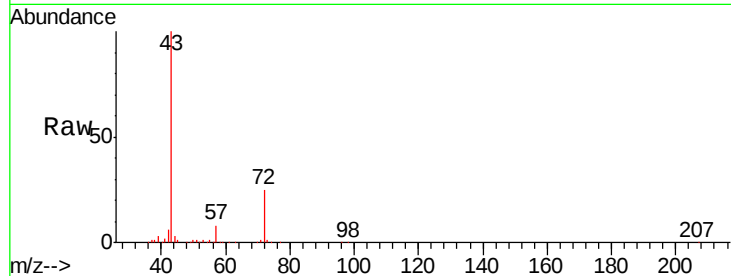
72 24.8 22.0 33.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

200000

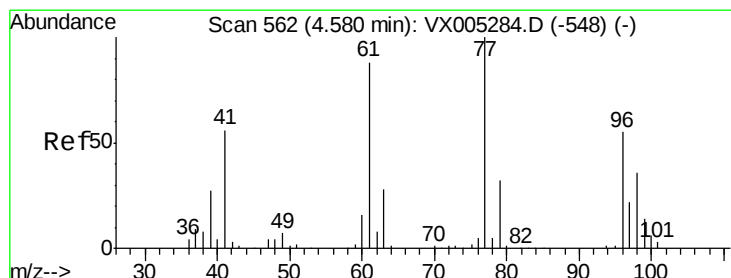
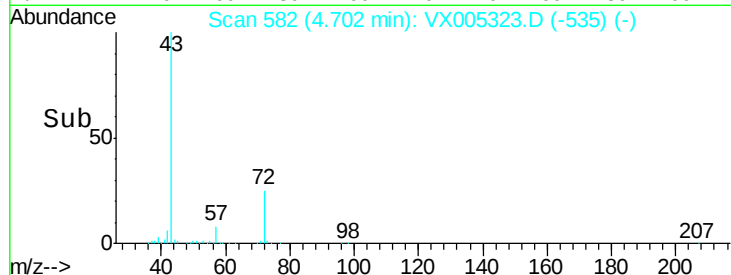
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 31.36 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005323.D

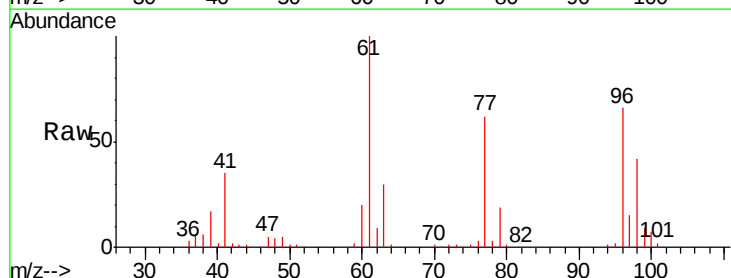
Acq: 13 Oct 2018 05:24

Tgt Ion: 77 Resp: 106854

Ion Ratio Lower Upper

77 100

97 25.6 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

40000

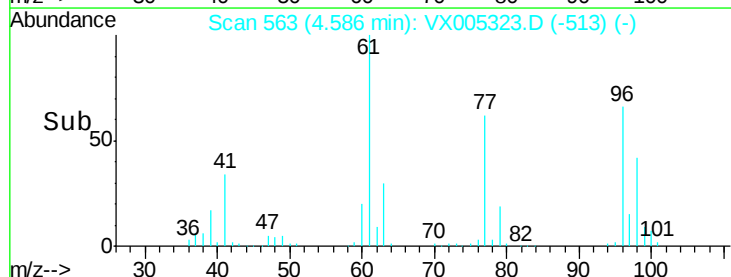
30000

20000

10000

0

Time-->





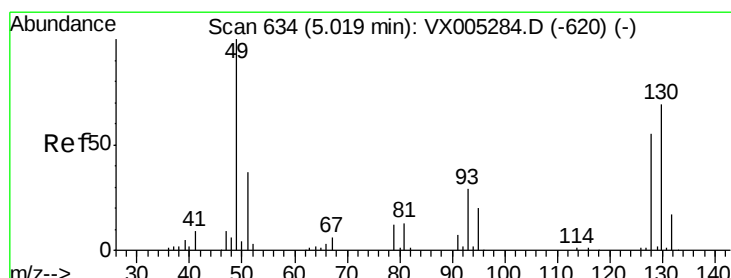
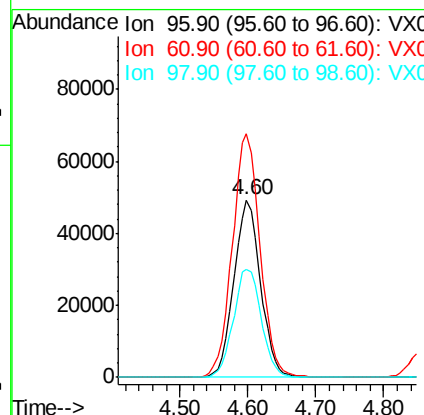
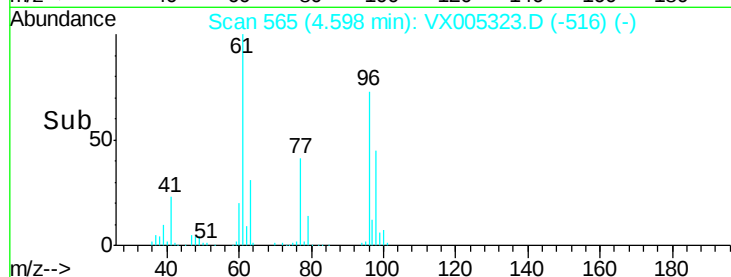
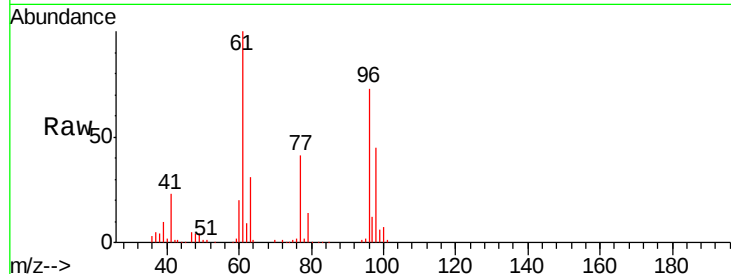
#27
 cis-1,2-Dichloroethene
 Concen: 51.47 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX005323.D
 Acq: 13 Oct 2018 05:24

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-MMW3414MS

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	133621		
61	143.1	0.0	282.6	
98	64.3	0.0	130.2	

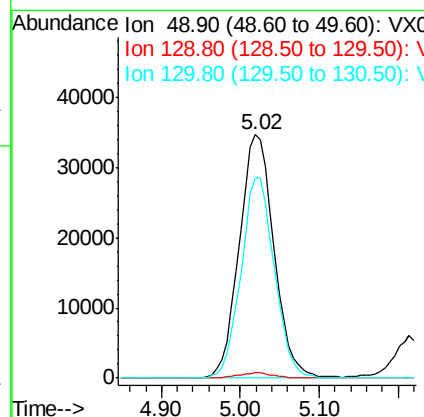
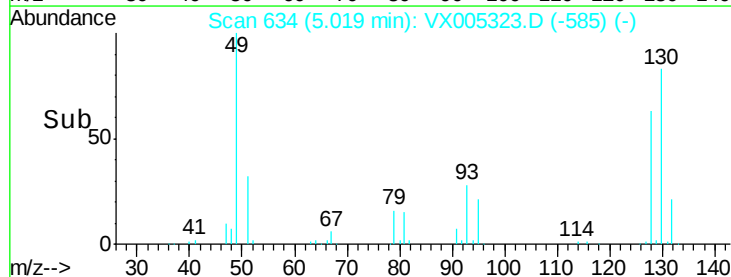
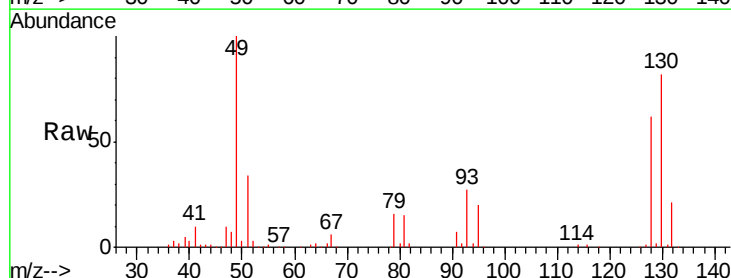
Manual Integrations
 APPROVED

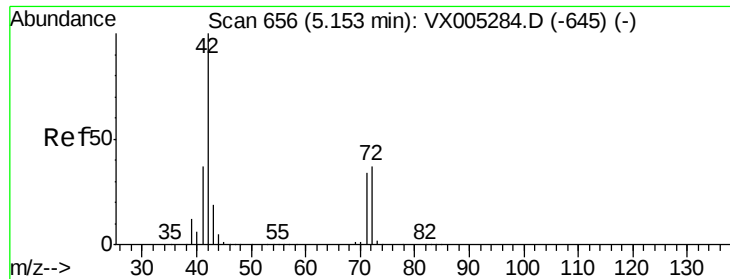
MMDadoda
 10/17/2018 9:06:20 AM



#28
 Bromochloromethane
 Concen: 51.16 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX005323.D
 Acq: 13 Oct 2018 05:24

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	106248		
129	2.2	0.0	4.2	
130	79.3	67.5	101.3	





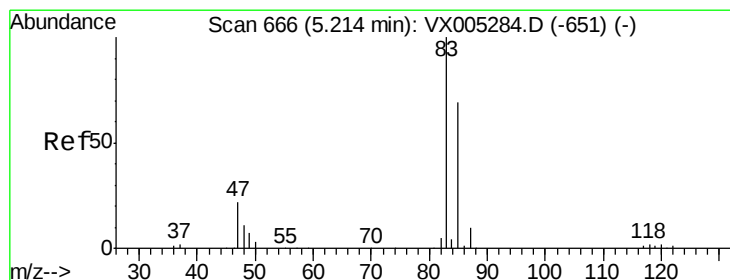
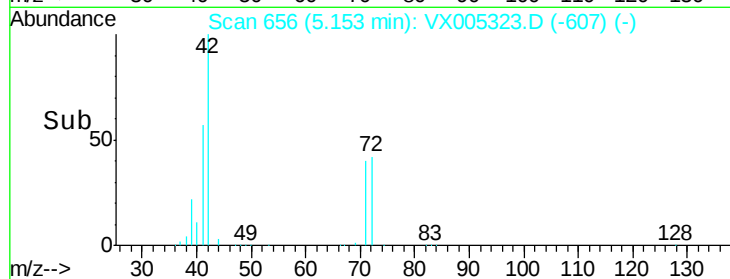
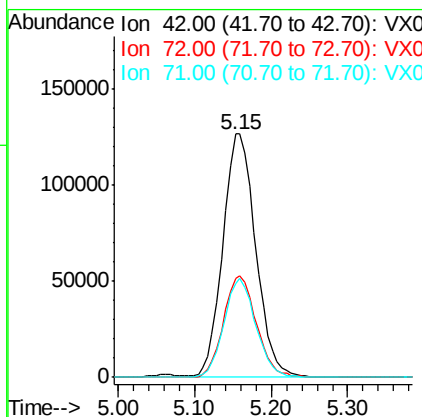
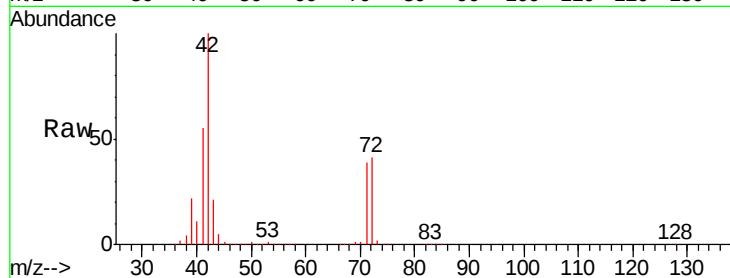
#29
Tetrahydrofuran
Concen: 254.09 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Instrument :
MSVOA_X
ClientSampleId :
FA18-MMW3414MS

Tgt Ion	Ratio	Lower	Upper
42	100		
72	42.1	37.4	56.0
71	39.4	34.5	51.7

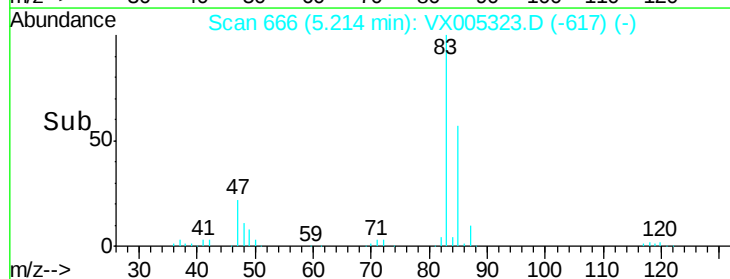
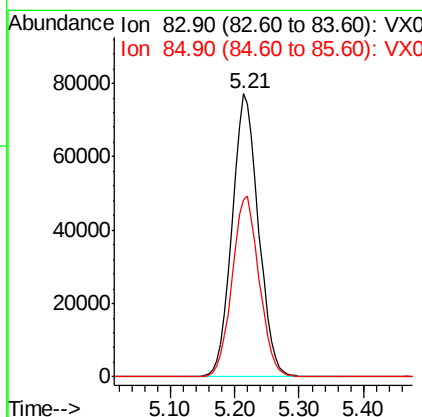
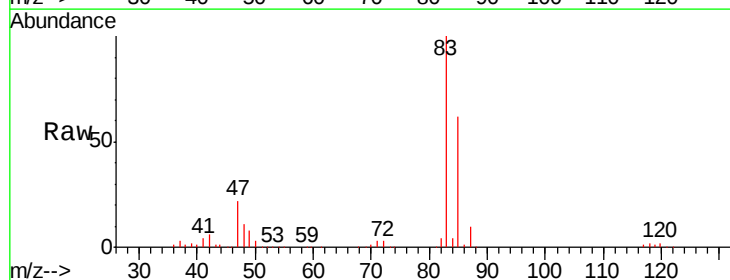
Manual Integrations
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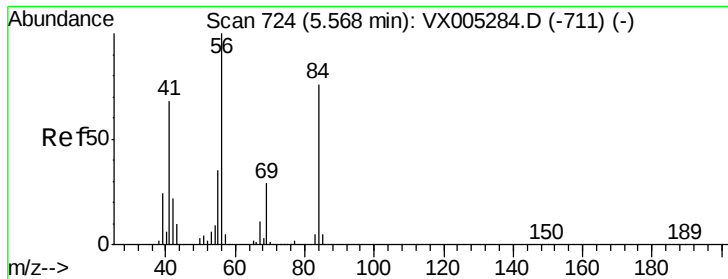
MMDadoda
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#30
Chloroform
Concen: 52.23 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	52.6	79.0





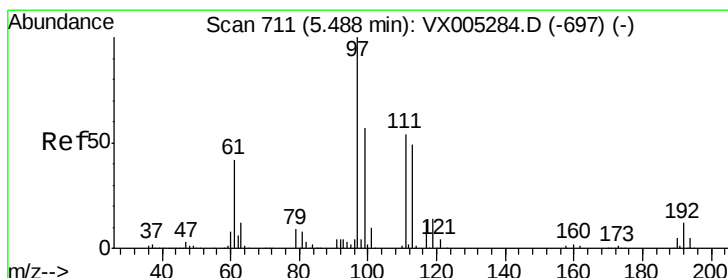
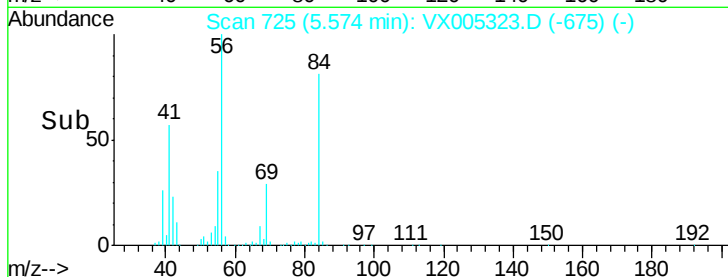
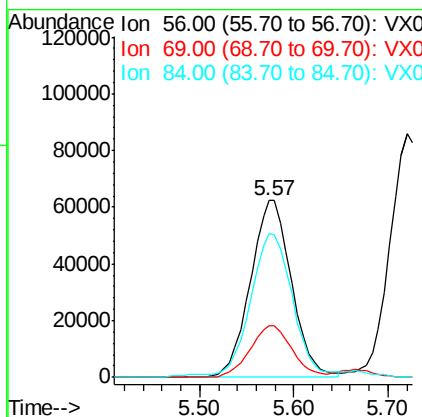
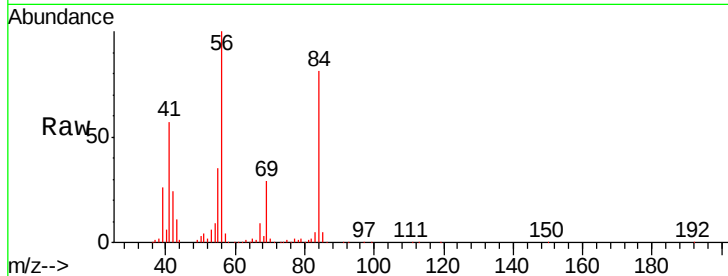
#31
Cyclohexane
Concen: 50.62 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.01 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Instrument :
MSVOA_X
ClientSampleId :
FA18-MMW3414MS

Tgt Ion	Ratio	Lower	Upper
56	100		
69	29.1	25.4	38.2
84	79.4	71.4	107.2

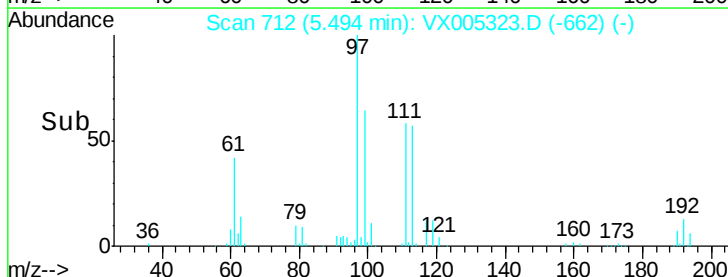
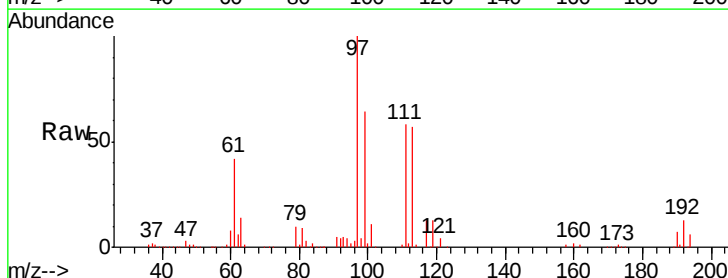
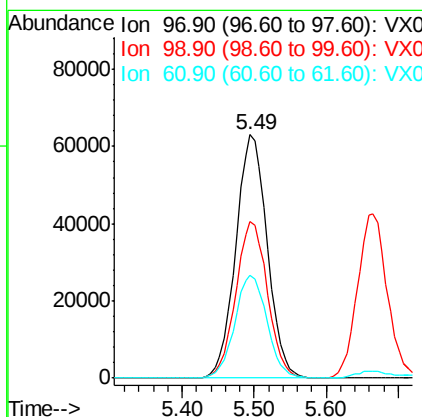
Manual Integrations
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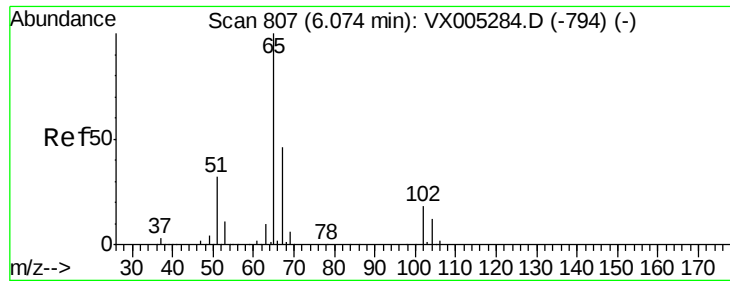
MMDadoda
10/17/2018 9:06:20 AM



#32
1,1,1-Trichloroethane
Concen: 52.01 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.0	78.0
61	43.2	34.9	52.3





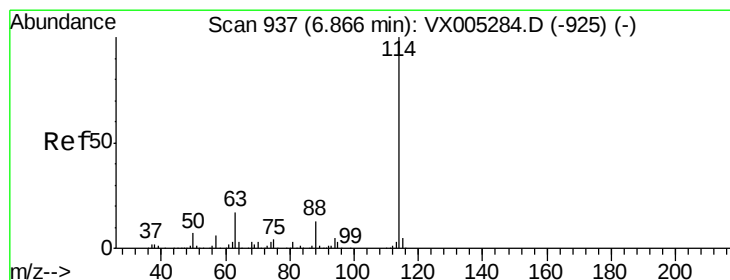
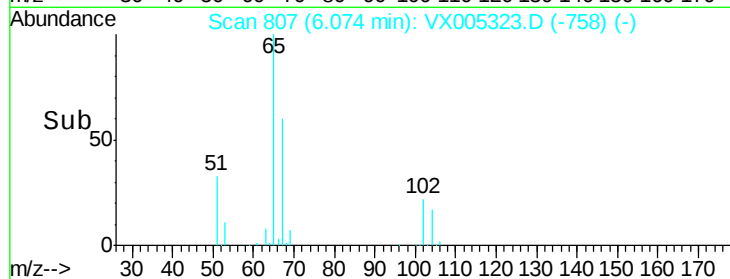
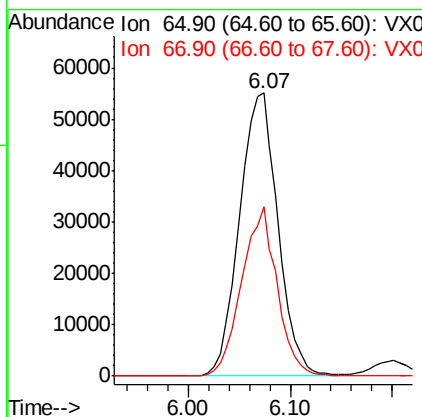
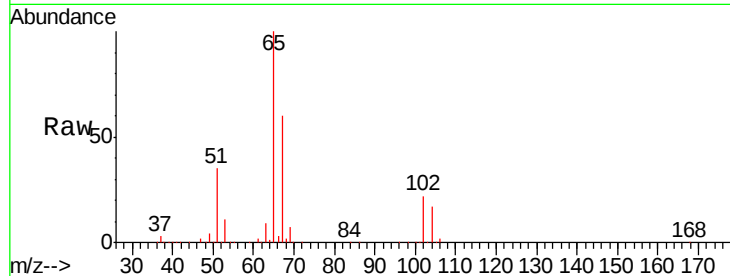
#33
 1,2-Dichloroethane-d4
 Concen: 52.92 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX005323.D
 Acq: 13 Oct 2018 05:24

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-MMW3414MS

Tgt Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	106.8

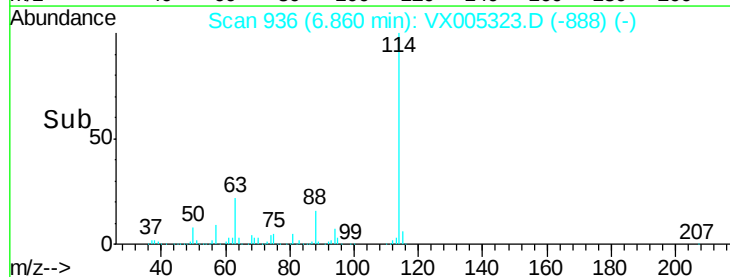
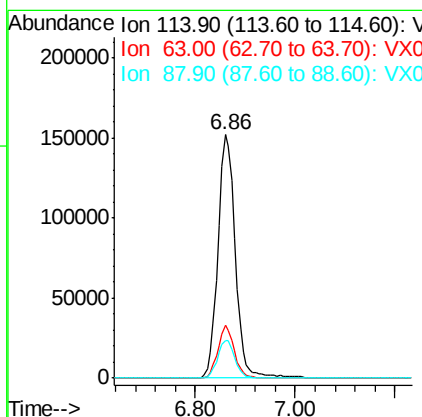
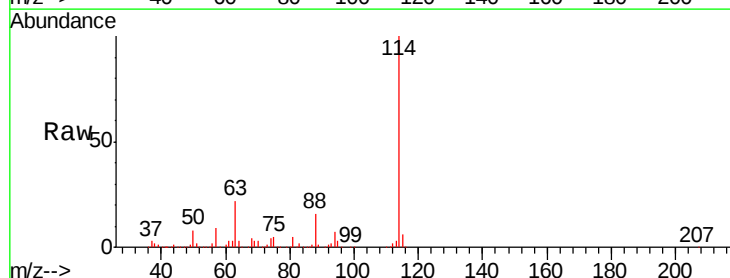
Manual Integrations
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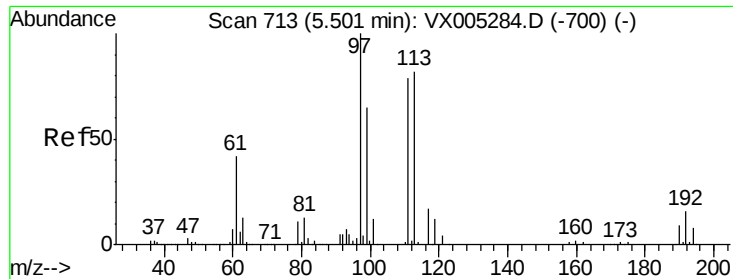
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005323.D
 Acq: 13 Oct 2018 05:24

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	39.0
88	15.7	0.0	30.4





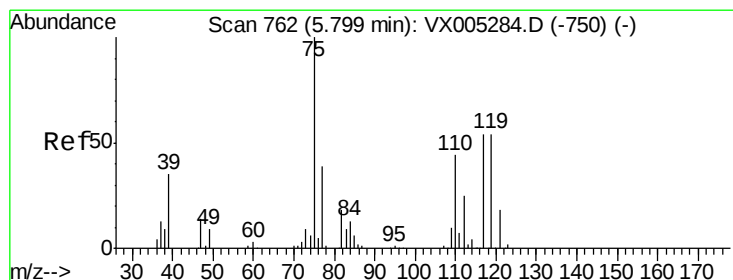
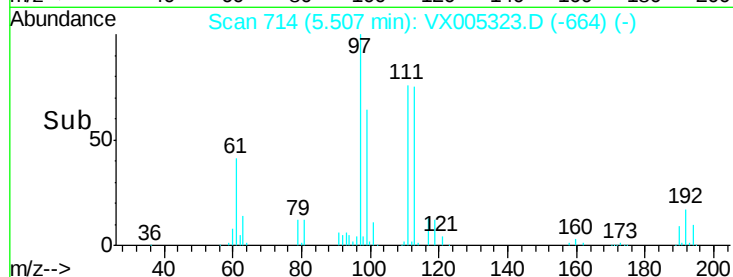
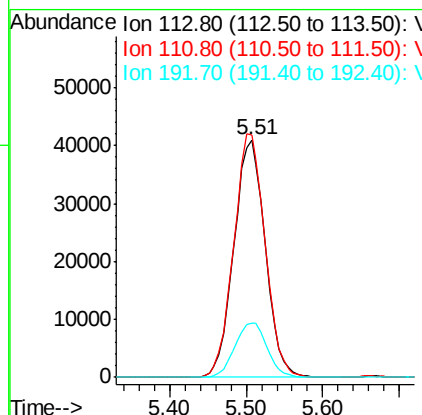
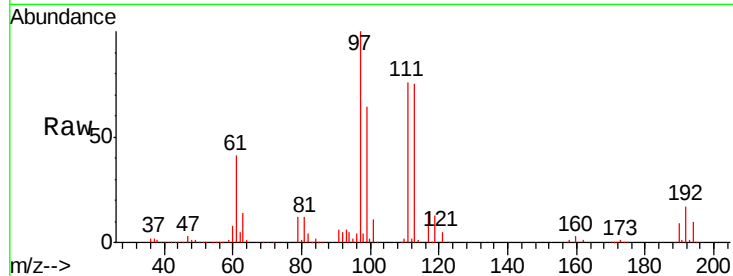
#35
 Dibromofluoromethane
 Concen: 47.80 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005323.D
 Acq: 13 Oct 2018 05:24

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-MMW3414MS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	116207		
111	102.3	82.4	123.6	
192	23.6	19.4	29.2	

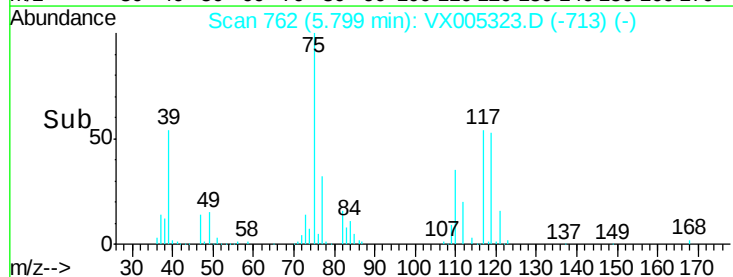
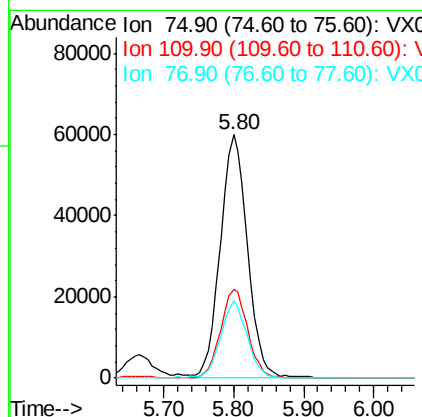
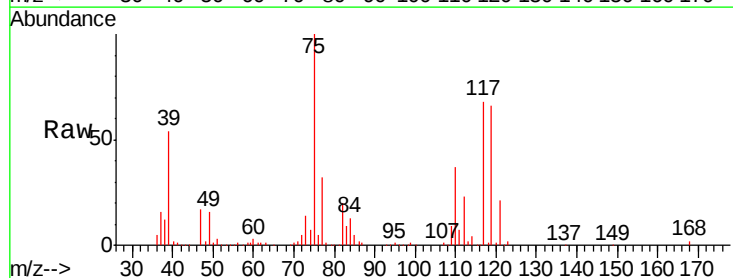
Manual Integrations
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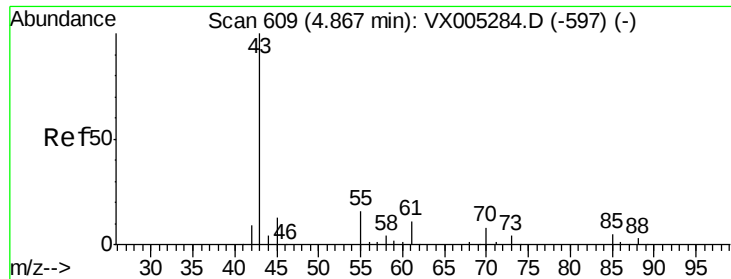
MMDadoda
 10/17/2018 9:06:20 AM



#36
 1,1-Dichloropropene
 Concen: 45.19 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX005323.D
 Acq: 13 Oct 2018 05:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	160649		
110	36.7	18.0	54.0	
77	30.9	24.6	36.8	





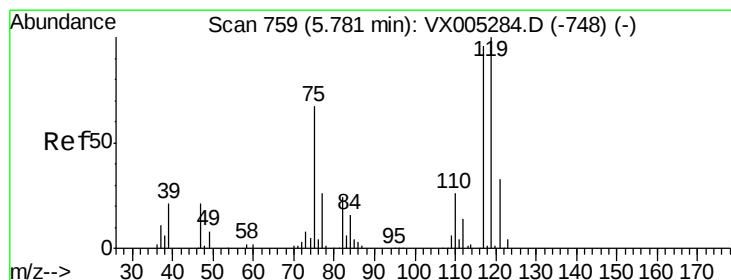
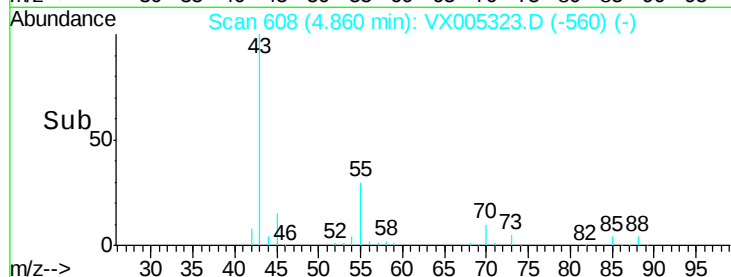
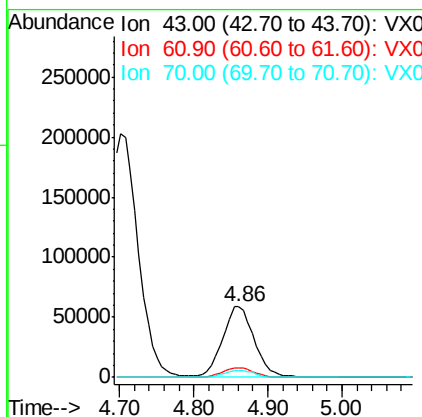
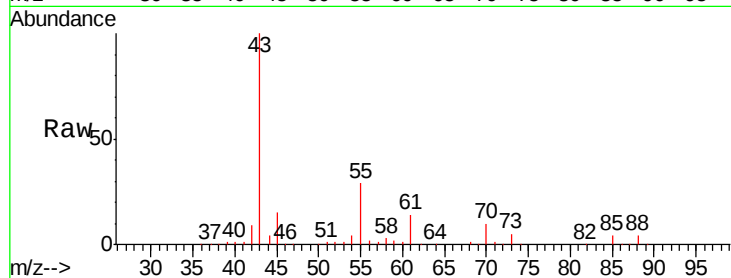
#37
Ethyl Acetate
Concen: 38.04 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Instrument :
MSVOA_X
ClientSampleId :
FA18-MMW3414MS

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.5	17.3
70	10.2	9.0	13.6

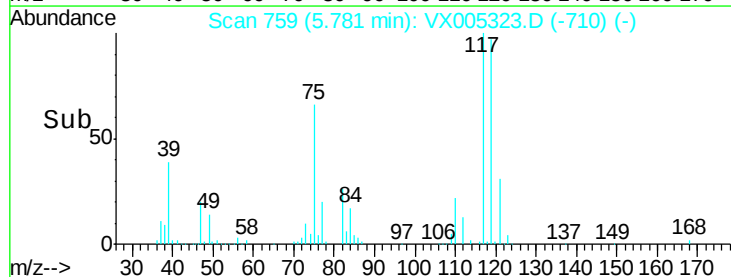
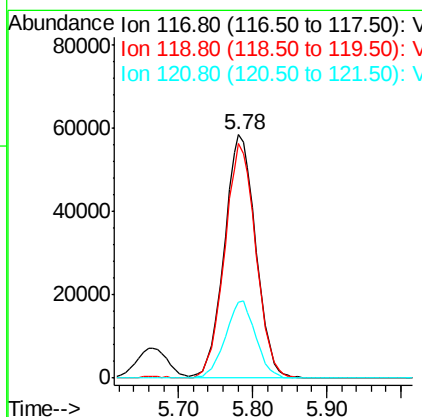
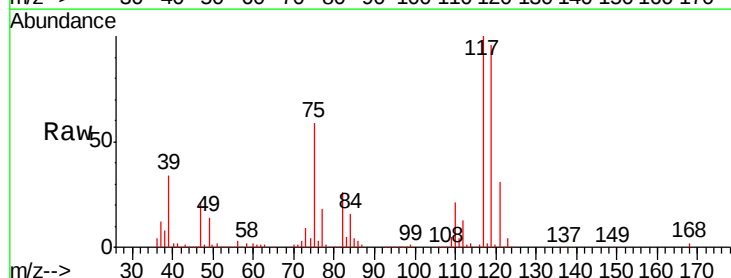
Manual Integrations
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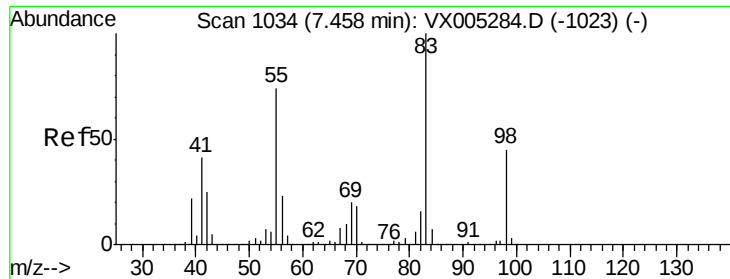
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#38
Carbon Tetrachloride
Concen: 48.11 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	78.8	118.2
121	31.4	24.9	37.3





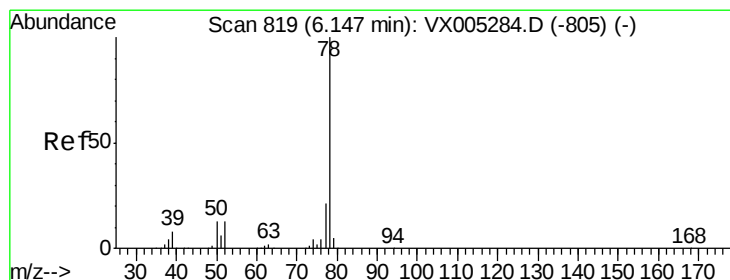
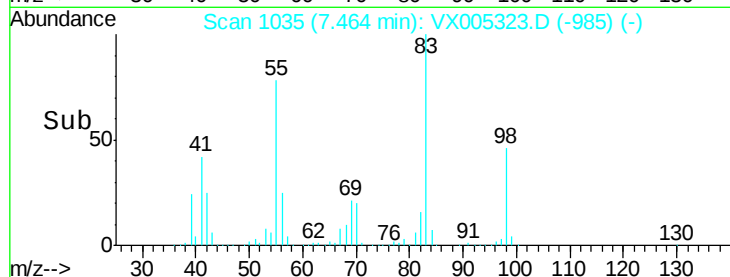
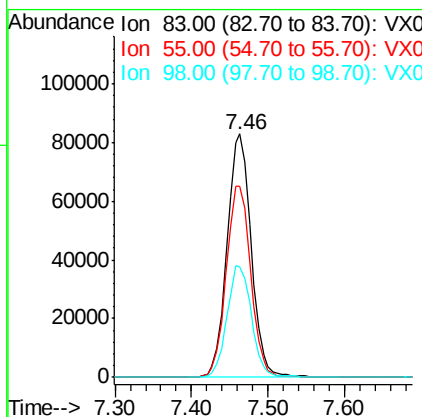
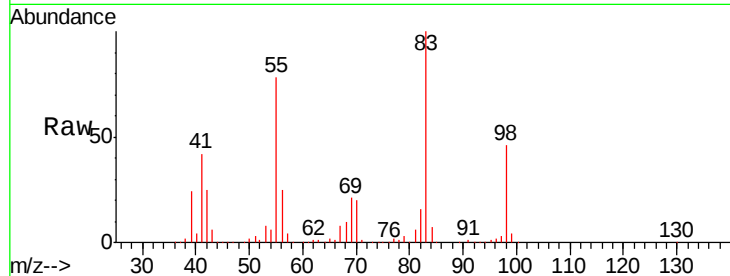
#39
Methylcyclohexane
Concen: 46.90 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Instrument :
MSVOA_X
ClientSampleId :
FA18-MMW3414MS

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	180453		
55	78.3	61.0	91.4	
98	45.6	39.6	59.4	

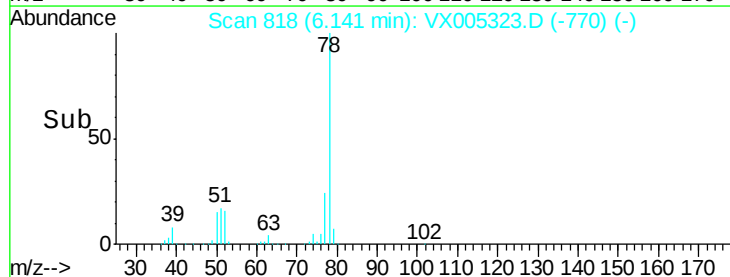
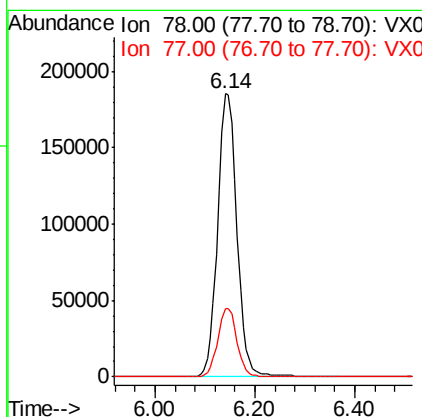
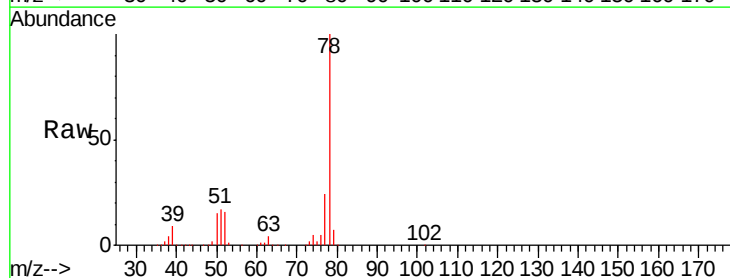
Manual Integrations
APPROVED

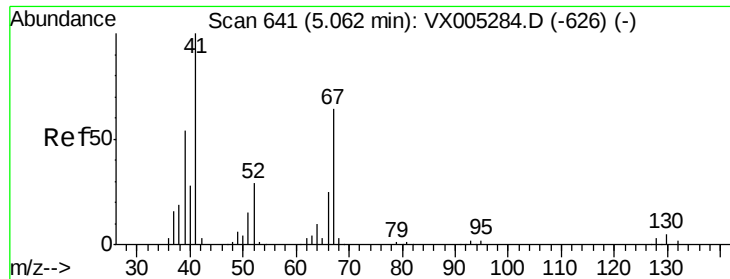
MMDadoda
10/17/2018 9:06:20 AM



#40
Benzene
Concen: 46.61 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	497137		
77	24.3	19.0	28.4	





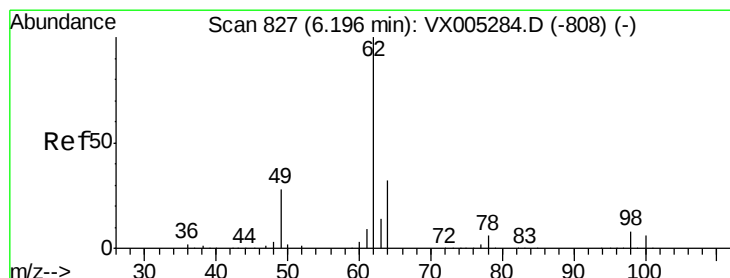
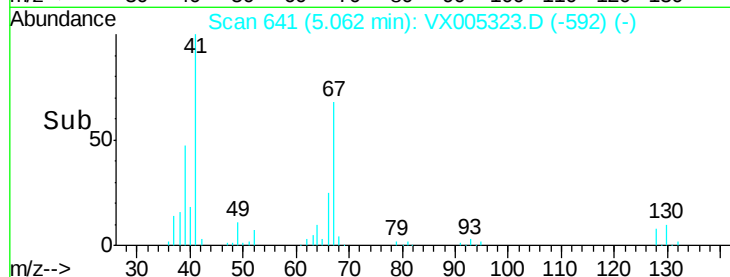
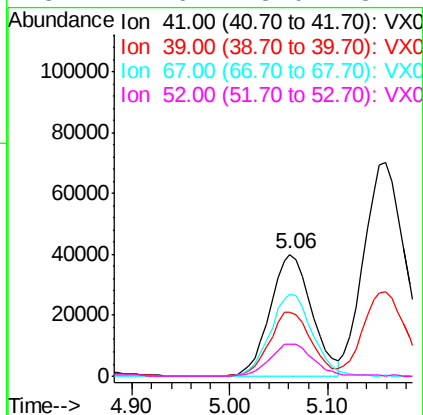
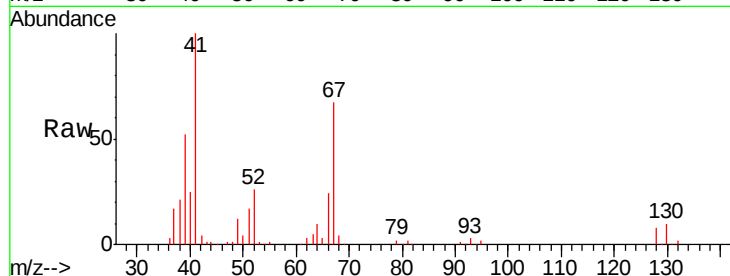
#41
Methacrylonitrile
Concen: 48.50 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Instrument :
MSVOA_X
ClientSampleId :
FA18-MMW3414MS

Tgt Ion	Ratio	Lower	Upper
41	100		
39	52.9	42.4	63.6
67	68.2	59.2	88.8
52	27.6	23.0	34.4

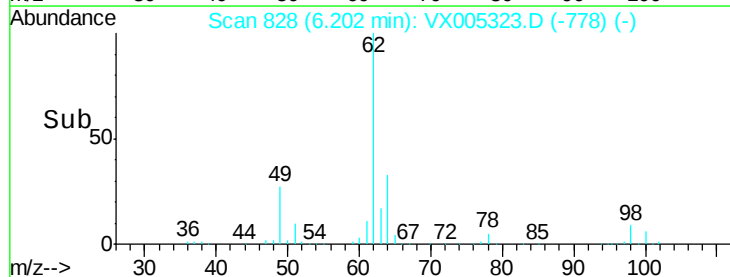
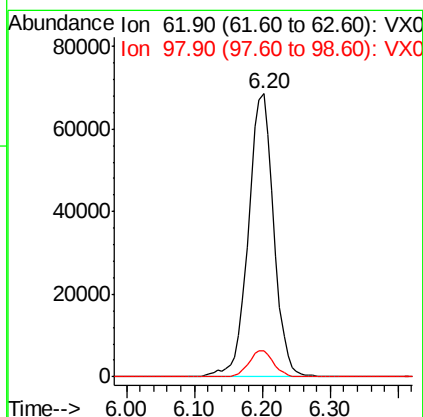
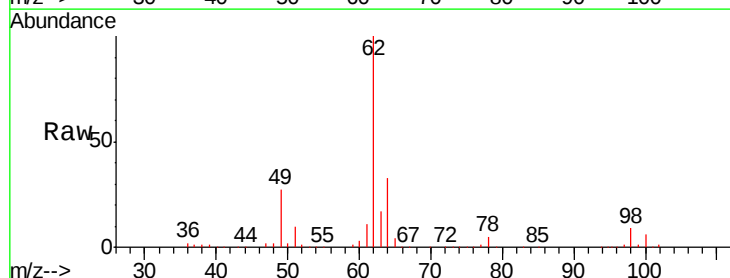
Manual Integrations
APPROVED

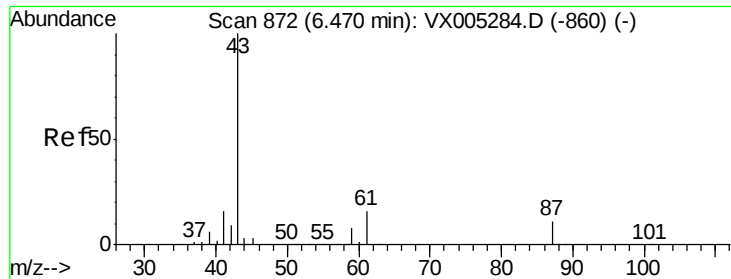
MMDadoda
10/17/2018 9:06:20 AM



#42
1,2-Dichloroethane
Concen: 47.49 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	20.6





#43

Isopropyl Acetate

Concen: 45.19 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.01 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

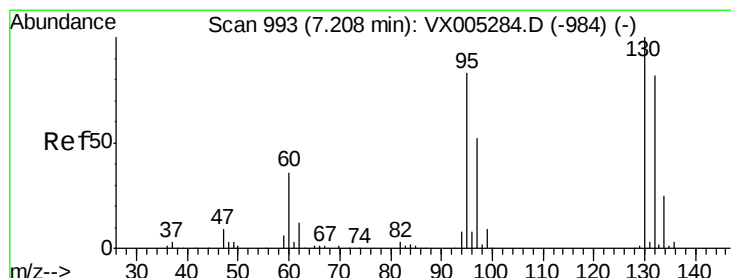
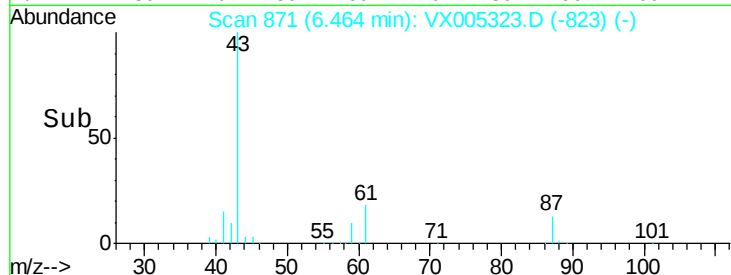
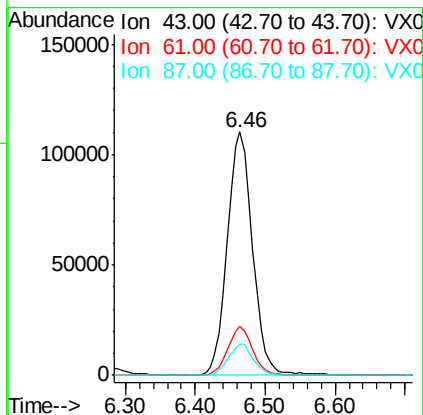
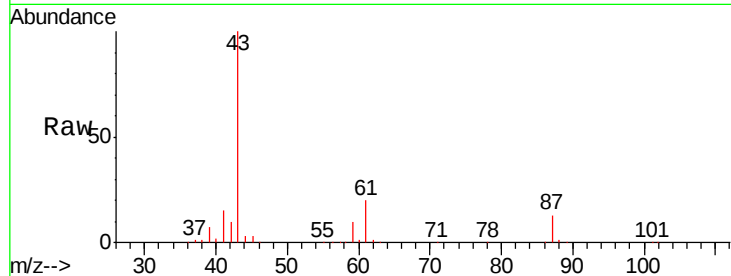
ClientSampleId :

FA18-MMW3414MS

Tgt Ion:	43	Resp:	275217
Ion Ratio		Lower	Upper
43	100		
61	19.8	17.0	25.4
87	13.0	11.4	17.2

Manual Integrations
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#44

Trichloroethene

Concen: 49.49 ug/l

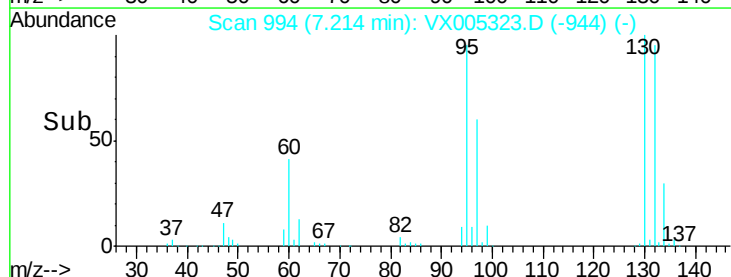
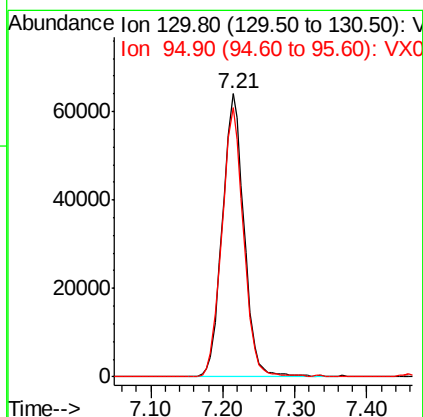
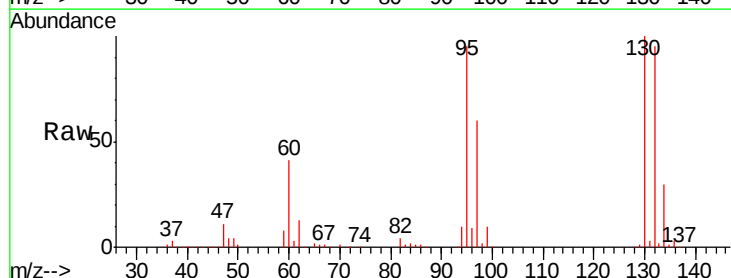
RT: 7.21 min Scan# 994

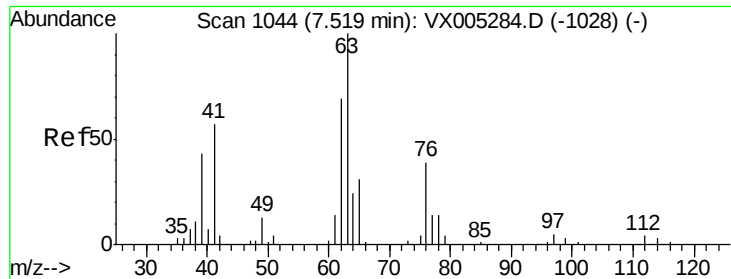
Delta R.T. 0.01 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Tgt Ion:	130	Resp:	134786
Ion Ratio		Lower	Upper
130	100		
95	95.0	0.0	181.6





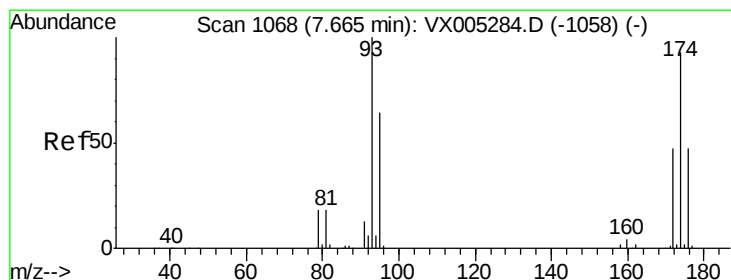
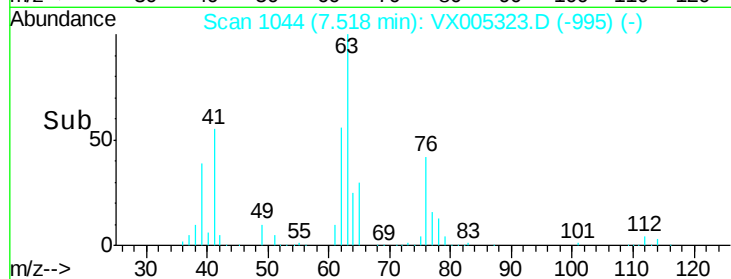
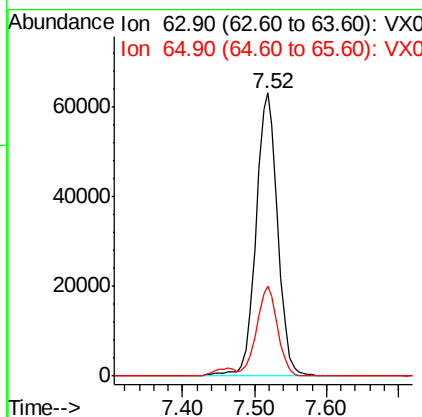
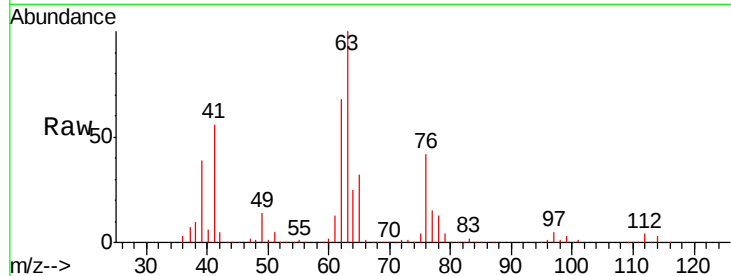
#45
 1,2-Dichloropropane
 Concen: 50.44 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX005323.D
 Acq: 13 Oct 2018 05:24

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-MMW3414MS

Tgt Ion: 63 Resp: 131946
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.3 36.5

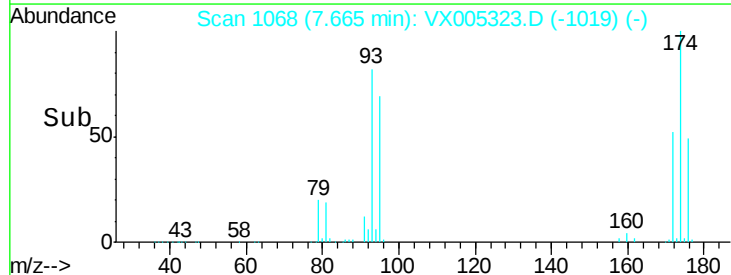
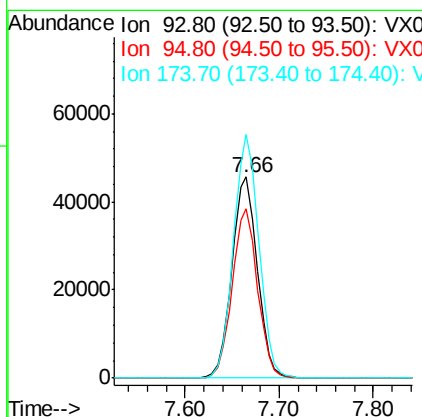
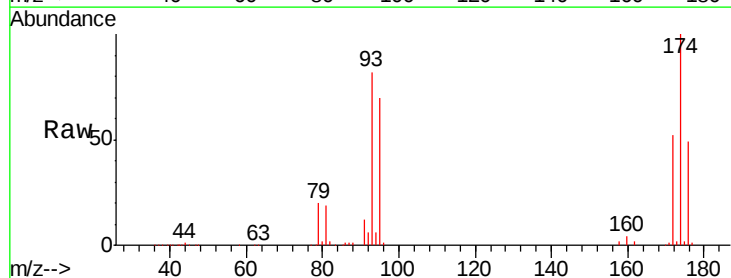
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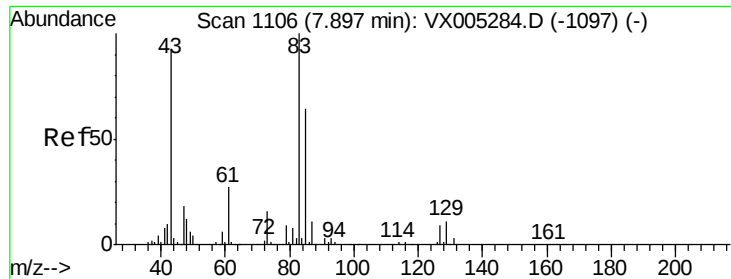
MMDadoda
 10/17/2018 9:06:20 AM



#46
 Dibromomethane
 Concen: 49.78 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX005323.D
 Acq: 13 Oct 2018 05:24

Tgt Ion: 93 Resp: 85946
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.5 98.3
 174 120.9 94.2 141.4





#47

Bromodichloromethane

Concen: 52.26 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

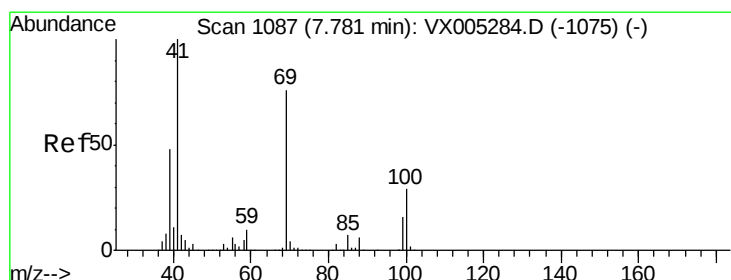
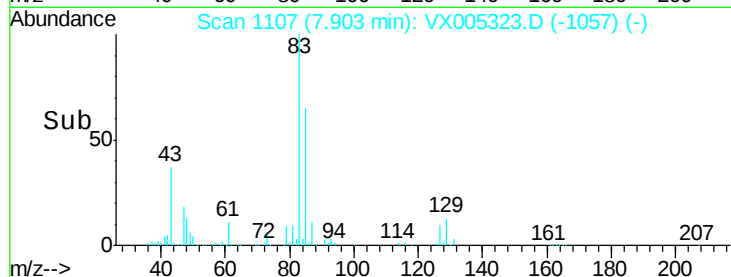
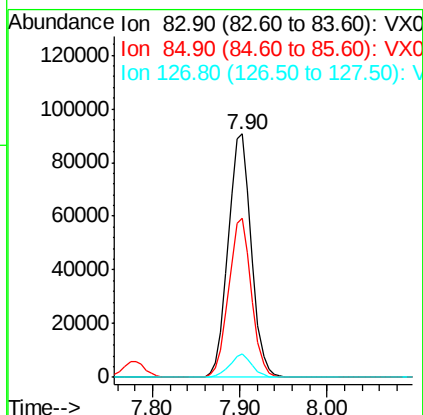
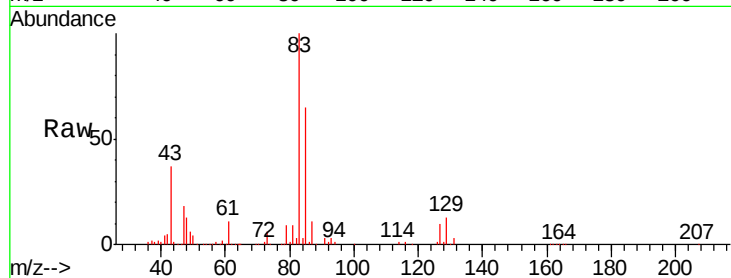
ClientSampleId :

FA18-MMW3414MS

Tgt Ion:	83	Resp:	166915
Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.9	76.3
127	9.7	7.3	10.9

Manual Integrations
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MMDadoda
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#48

Methyl methacrylate

Concen: 52.25 ug/l

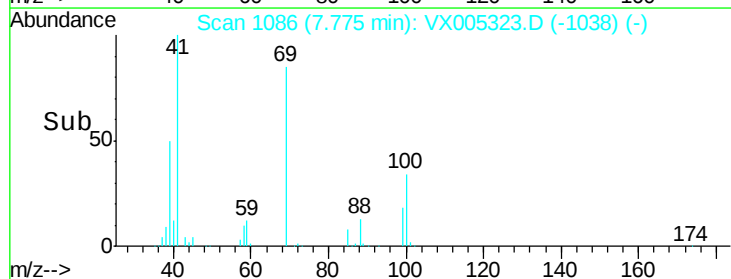
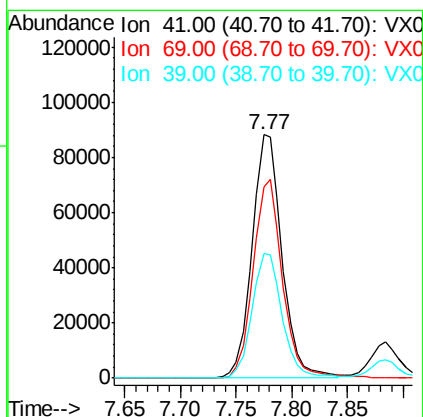
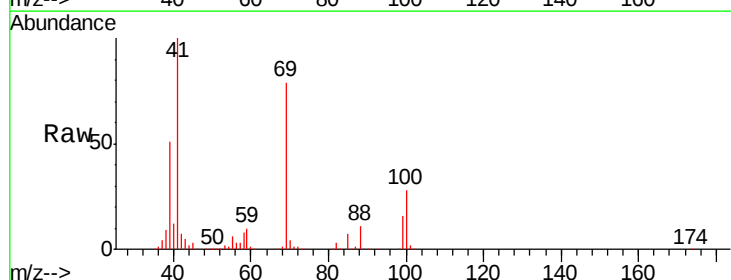
RT: 7.77 min Scan# 1086

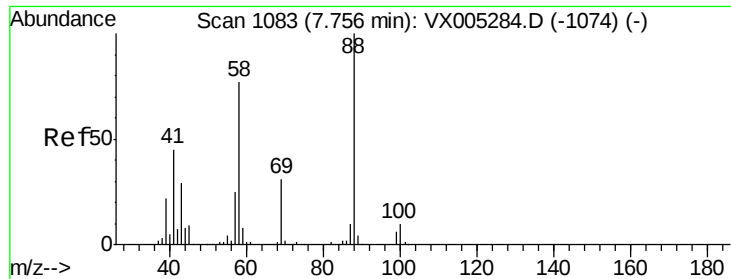
Delta R.T. -0.01 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Tgt Ion:	41	Resp:	165044
Ion	Ratio	Lower	Upper
41	100		
69	80.9	70.2	105.4
39	51.5	42.7	64.1





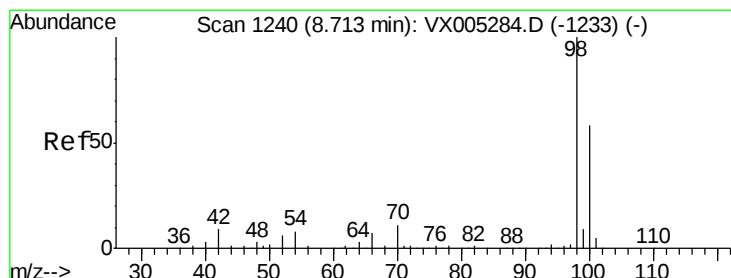
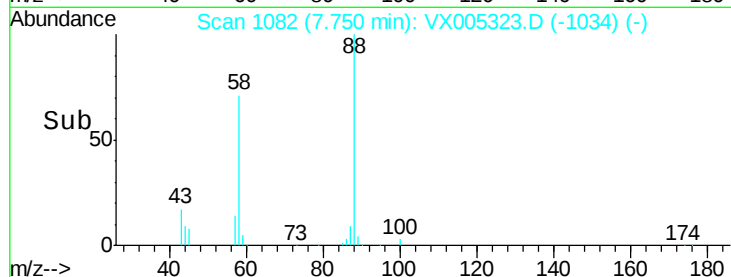
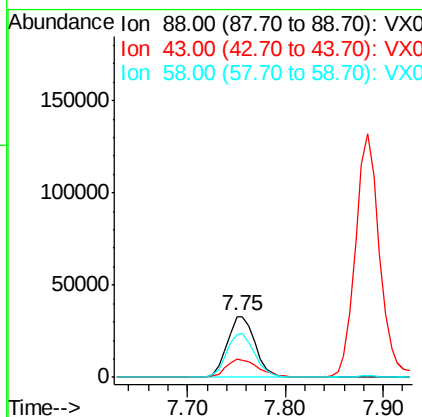
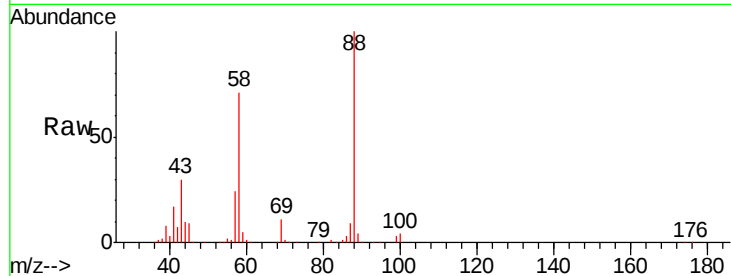
#49
1,4-Dioxane
Concen: 899.61 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Instrument :
MSVOA_X
ClientSampleId :
FA18-MMW3414MS

Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.6	24.7	37.1
58	72.9	55.3	82.9

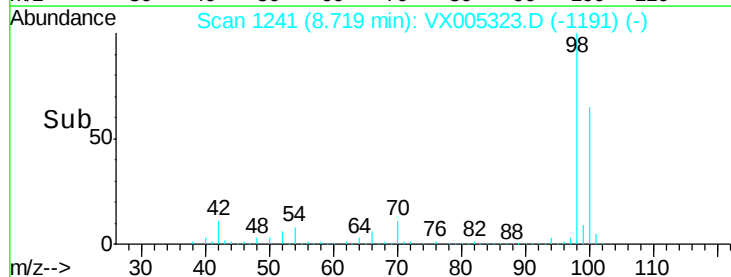
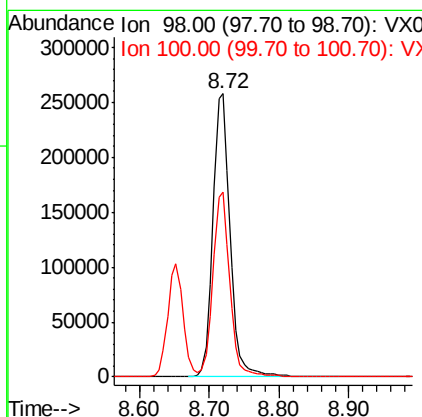
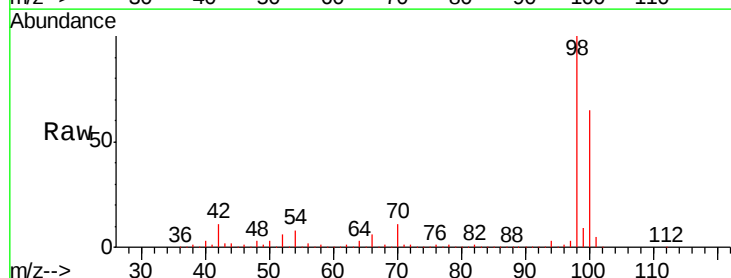
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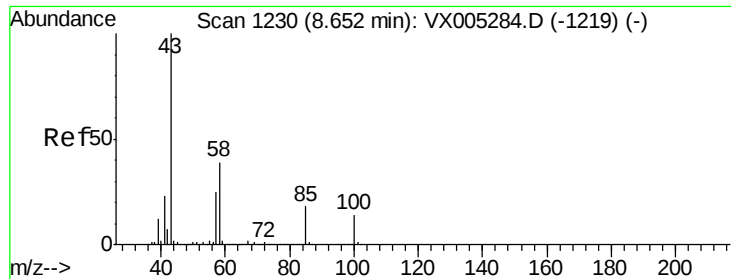
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#50
Toluene-d8
Concen: 52.53 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.9	79.3





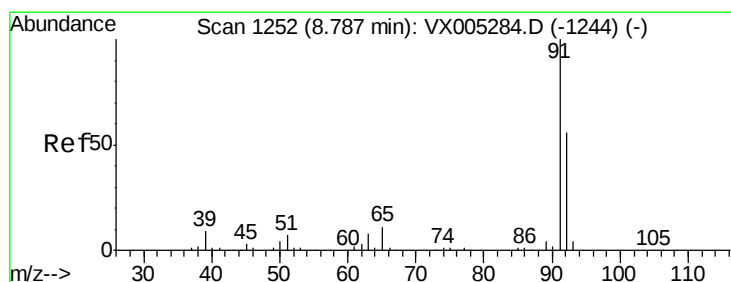
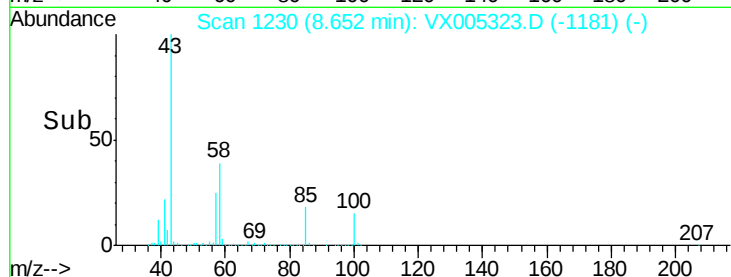
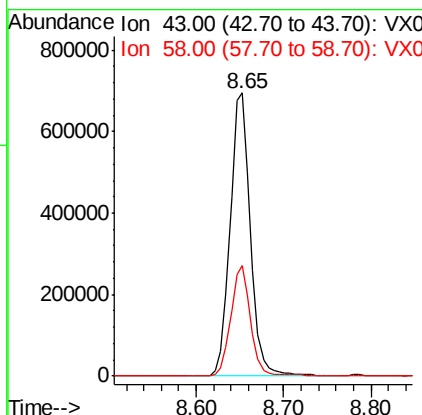
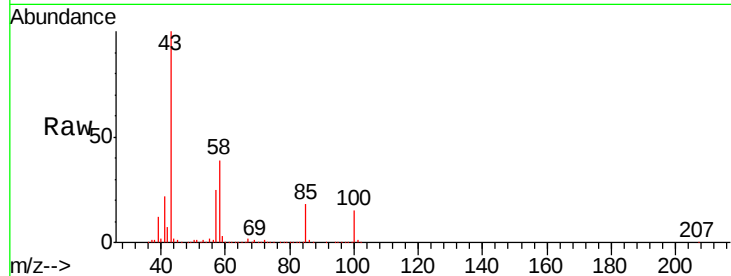
#51
4-Methyl-2-Pentanone
Concen: 266.21 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Instrument :
MSVOA_X
ClientSampleId :
FA18-MMW3414MS

Tgt Ion: 43 Resp: 1122660
Ion Ratio Lower Upper
43 100
58 37.7 33.1 49.7

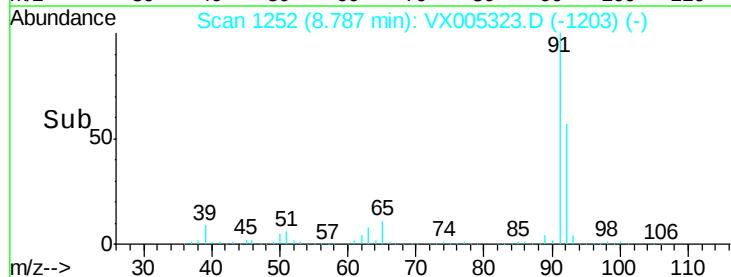
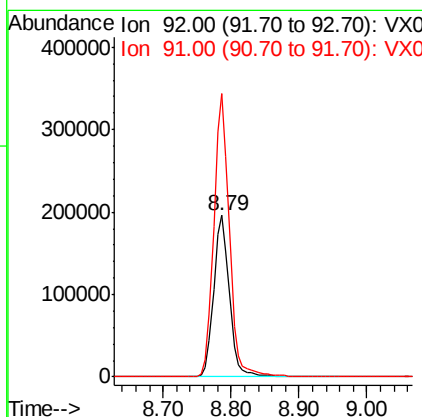
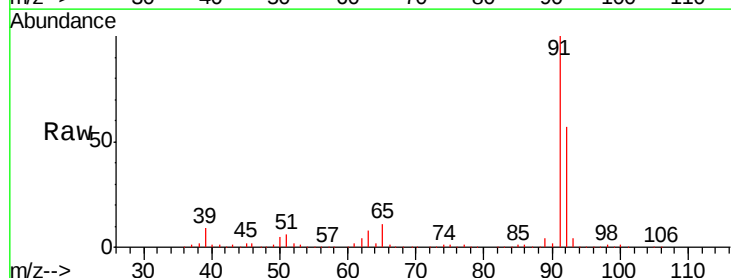
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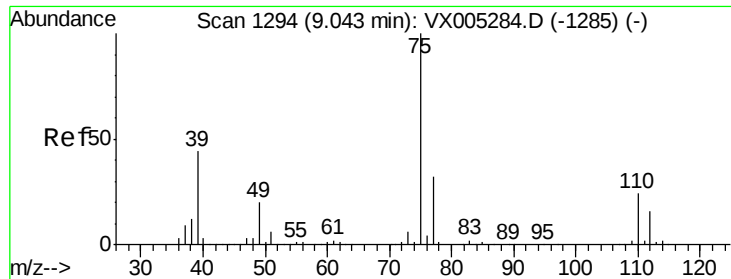
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#52
Toluene
Concen: 53.86 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Tgt Ion: 92 Resp: 314267
Ion Ratio Lower Upper
92 100
91 174.3 136.4 204.6





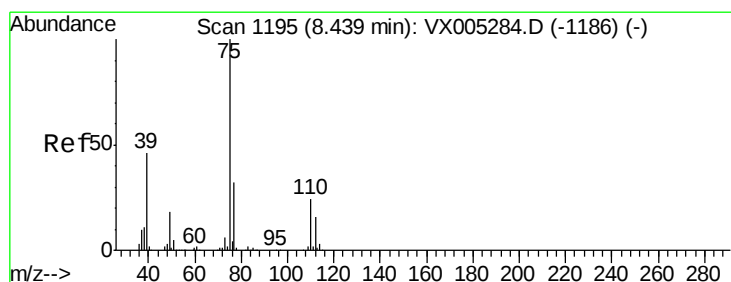
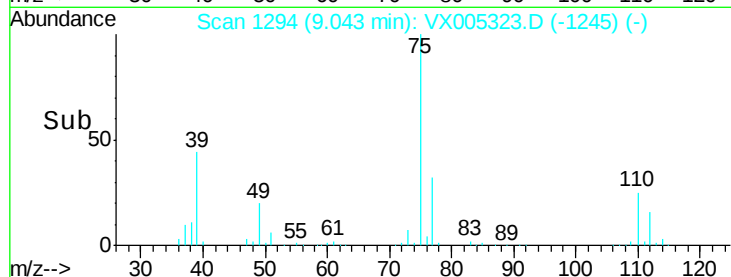
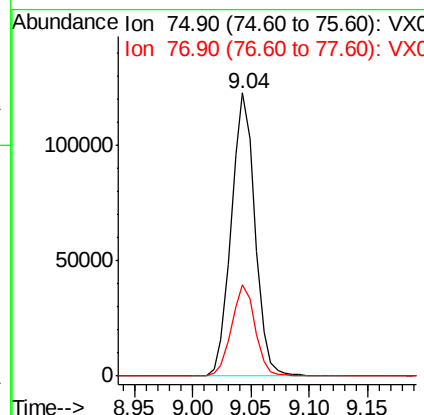
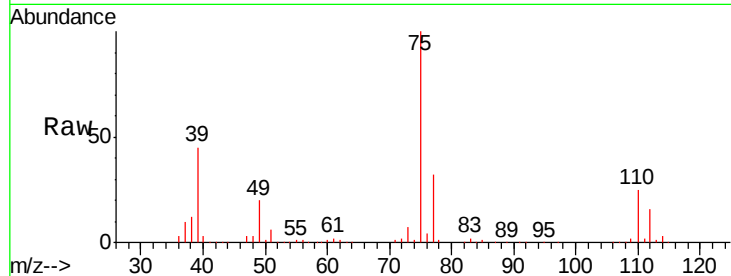
#53
t-1,3-Dichloropropene
Concen: 50.30 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Instrument :
MSVOA_X
ClientSampleId :
FA18-MMW3414MS

Tgt Ion: 75 Resp: 173847
Ion Ratio Lower Upper
75 100
77 32.2 24.6 37.0

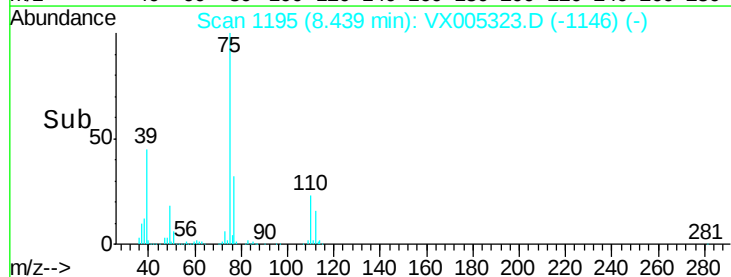
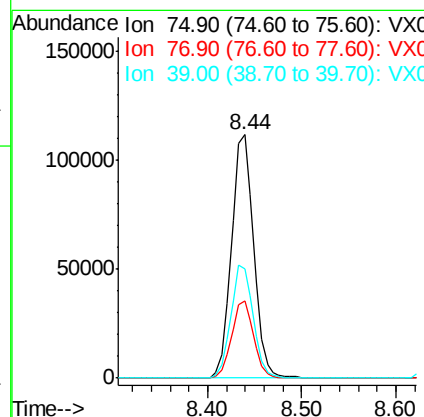
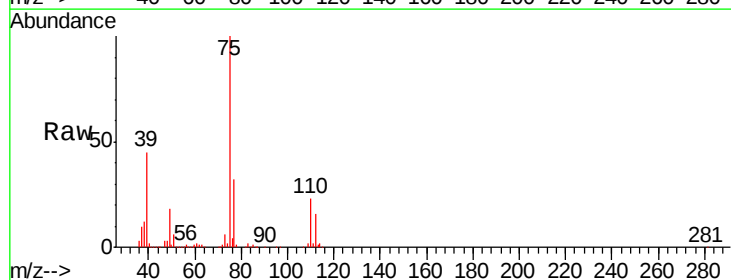
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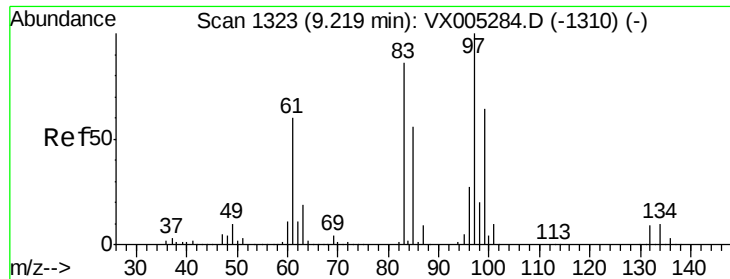
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#54
cis-1,3-Dichloropropene
Concen: 48.78 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Tgt Ion: 75 Resp: 182674
Ion Ratio Lower Upper
75 100
77 31.9 26.2 39.2
39 44.7 36.4 54.6





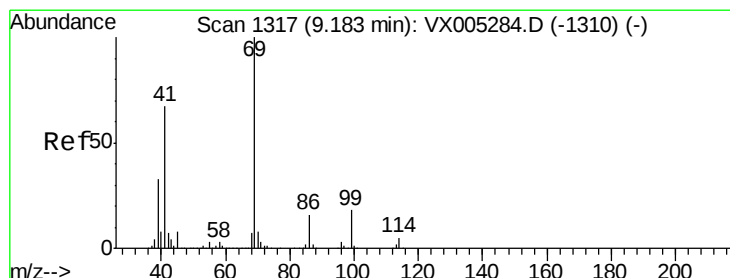
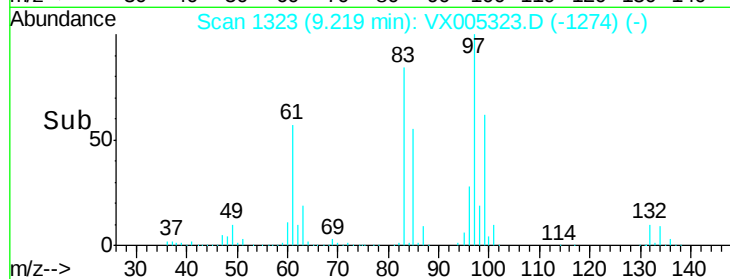
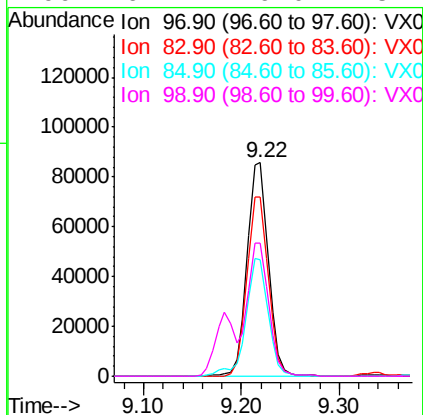
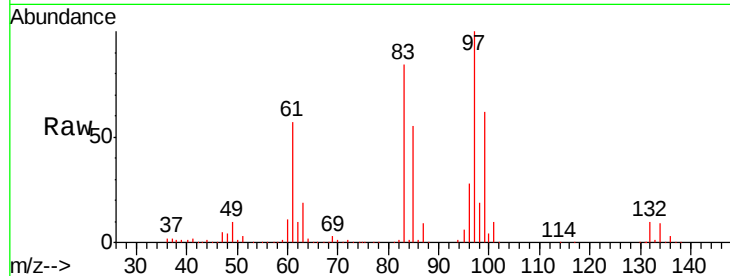
#55
 1,1,2-Trichloroethane
 Concen: 52.79 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005323.D
 Acq: 13 Oct 2018 05:24

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-MMW3414MS

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	130461		
83	84.1	66.4	99.6	
85	54.6	43.3	64.9	
99	62.4	49.0	73.4	

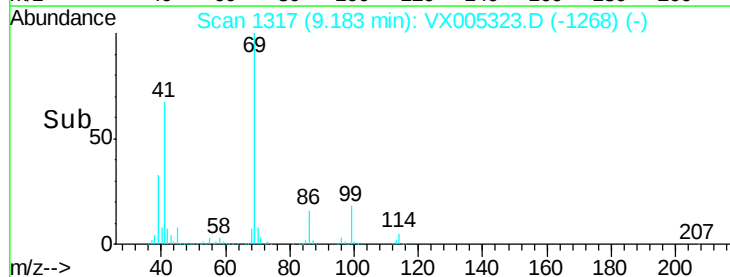
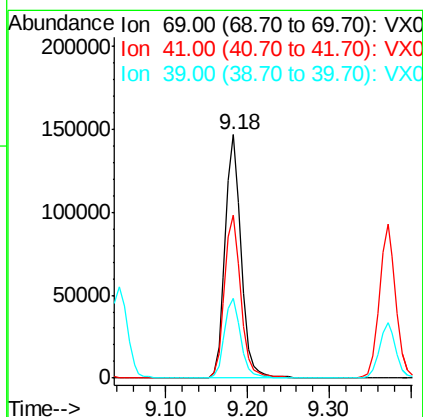
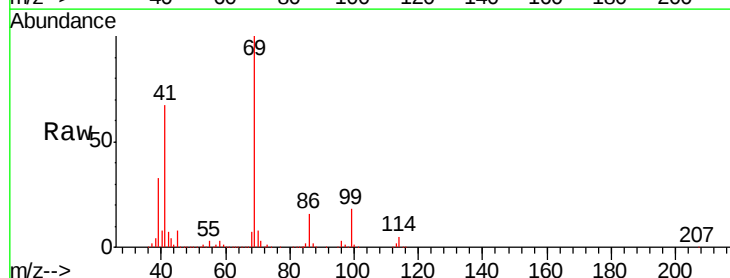
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#56
 Ethyl methacrylate
 Concen: 55.50 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005323.D
 Acq: 13 Oct 2018 05:24

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	199936		
41	68.1	51.0	76.4	
39	33.5	26.1	39.1	





#57

1,3-Dichloropropane

Concen: 52.36 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

FA18-MMW3414MS

Tgt Ion: 76 Resp: 215968

Ion Ratio Lower Upper

76 100

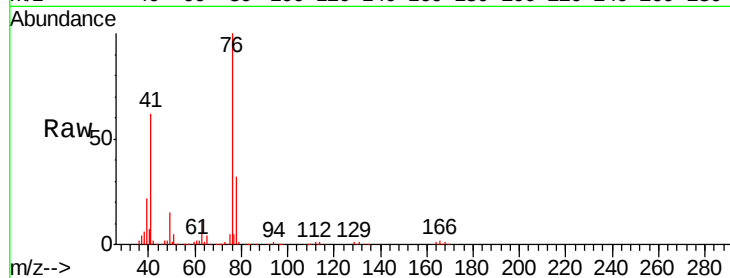
78 32.0 25.5 38.3

Manual Integrations

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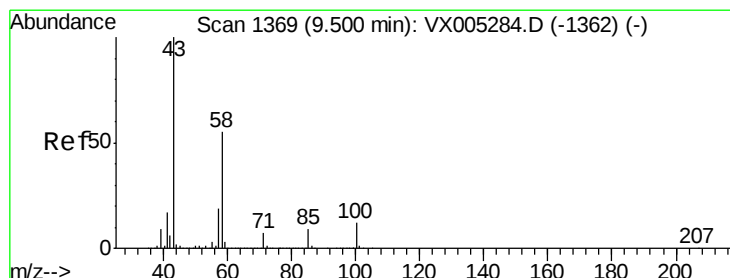
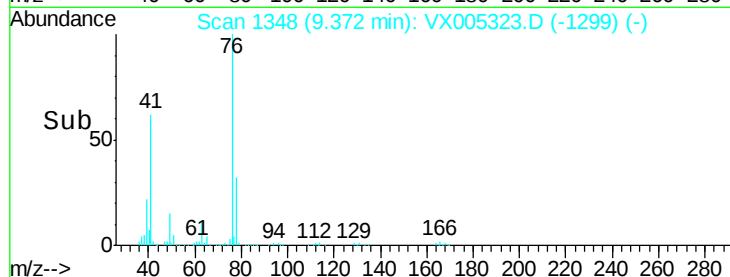
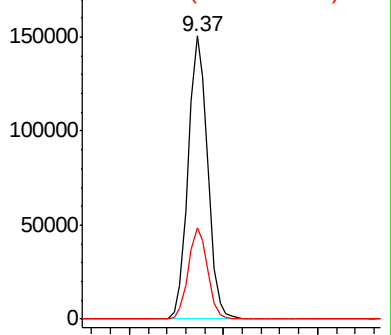
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 262.34 ug/l

RT: 9.50 min Scan# 1369

Delta R.T. -0.00 min

Lab File: VX005323.D

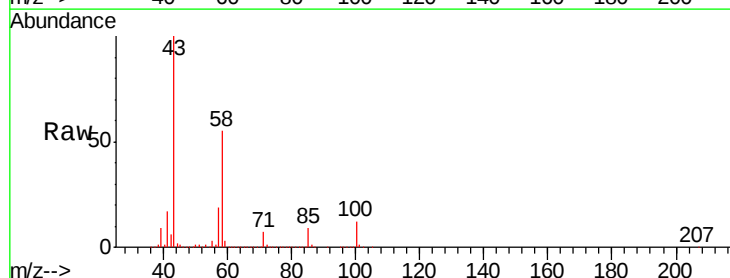
Acq: 13 Oct 2018 05:24

Tgt Ion: 43 Resp: 889938

Ion Ratio Lower Upper

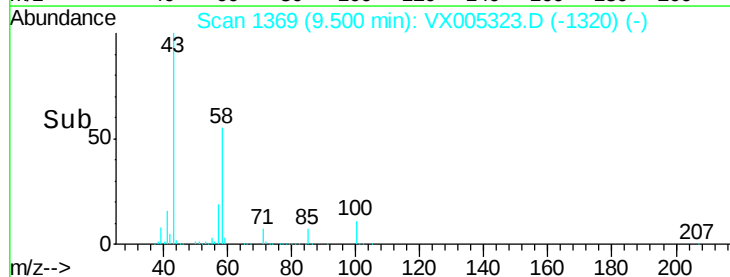
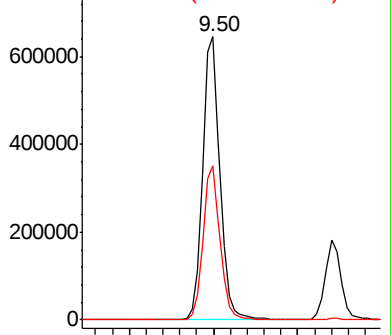
43 100

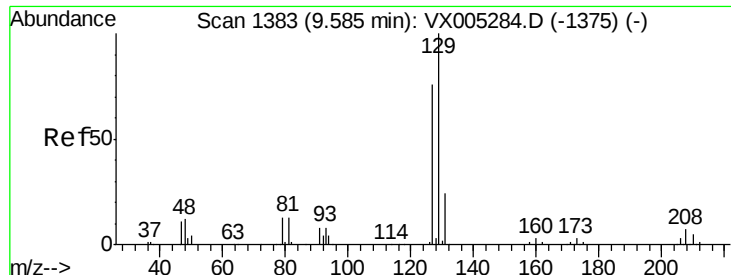
58 53.6 29.0 87.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





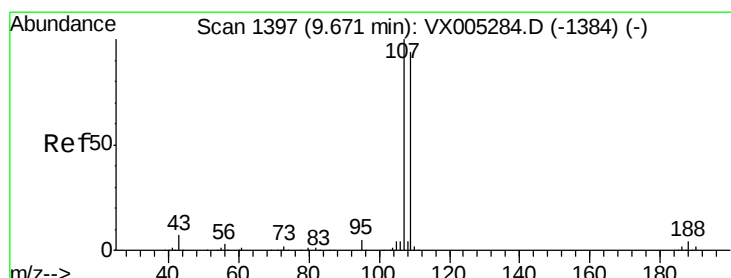
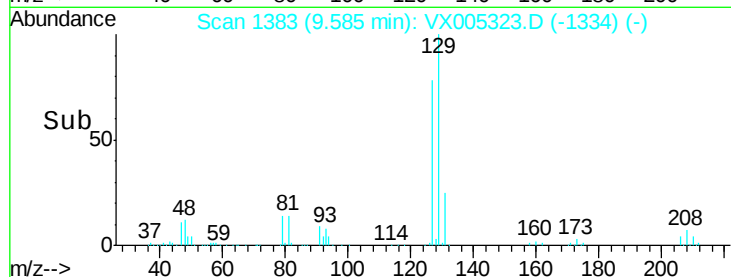
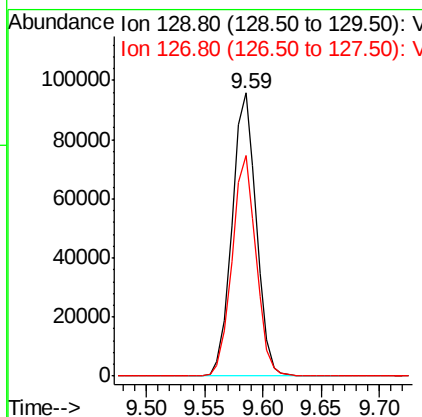
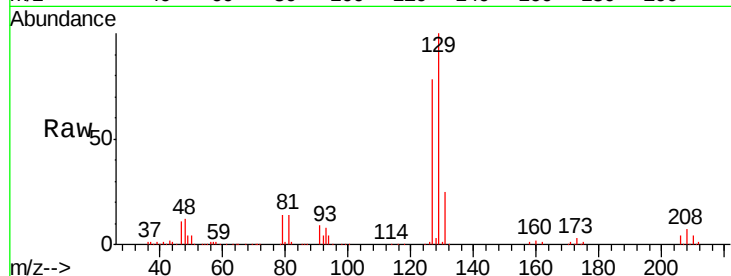
#60
Dibromochloromethane
Concen: 54.49 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Instrument :
MSVOA_X
ClientSampleId :
FA18-MMW3414MS

Tgt Ion:129 Resp: 139192
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5

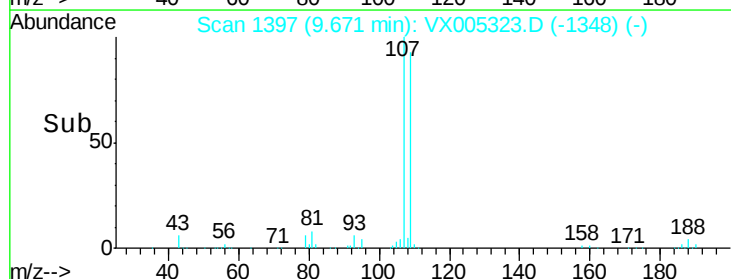
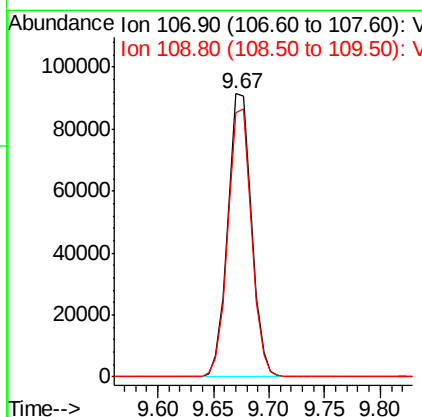
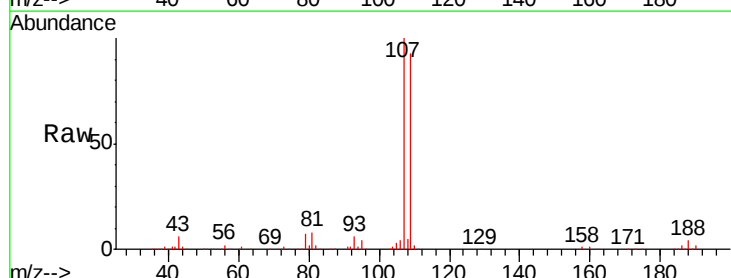
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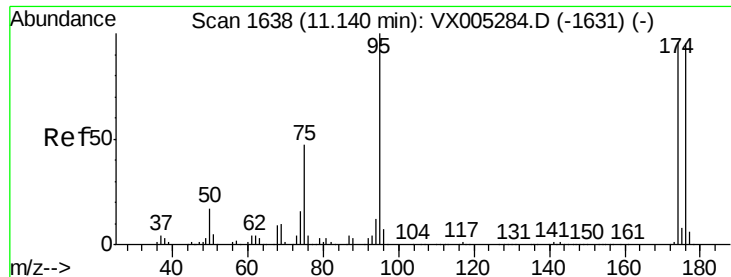
MMDadoda
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#61
1,2-Dibromoethane
Concen: 52.24 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Tgt Ion:107 Resp: 135502
Ion Ratio Lower Upper
107 100
109 94.3 76.0 114.0





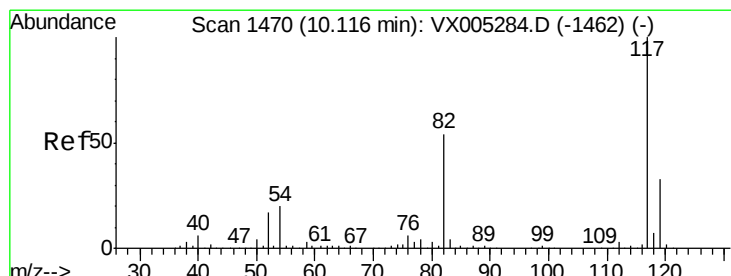
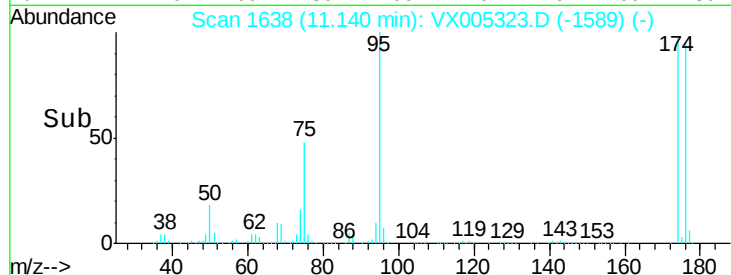
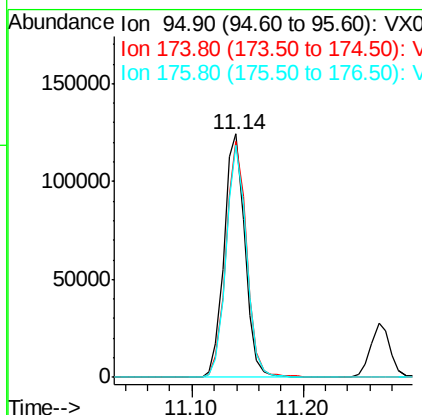
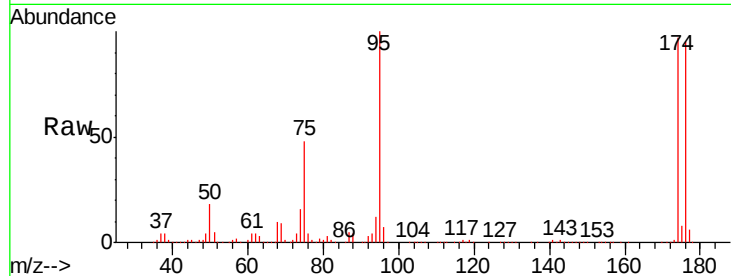
#62
4-Bromofluorobenzene
Concen: 51.47 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Instrument :
MSVOA_X
ClientSampleId :
FA18-MMW3414MS

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	161398		
174	95.6	0.0	185.2	
176	92.8	0.0	178.6	

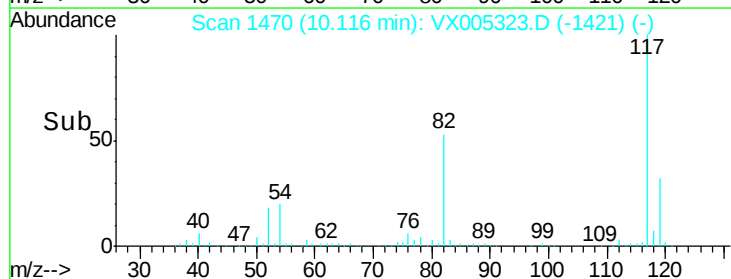
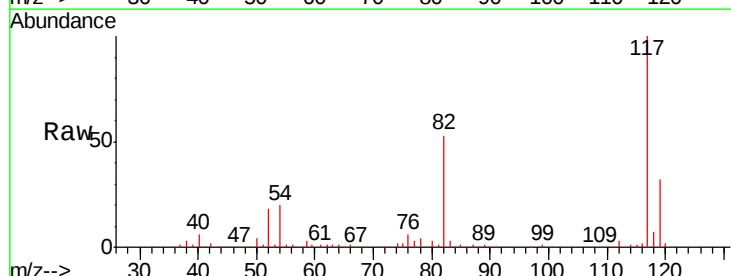
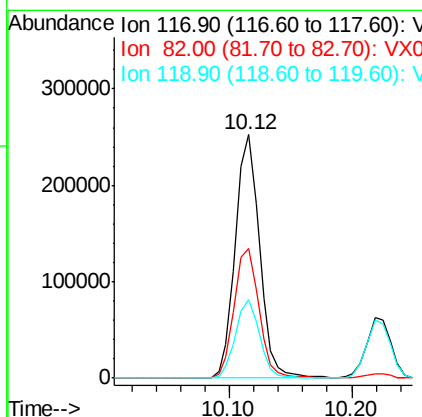
Manual Integrations
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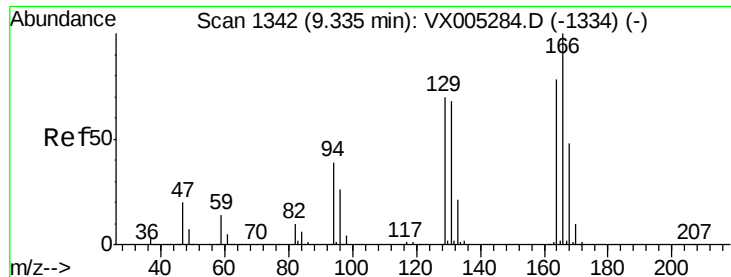
MMDadoda
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	347336		
82	53.5	47.8	71.6	
119	32.2	29.3	43.9	





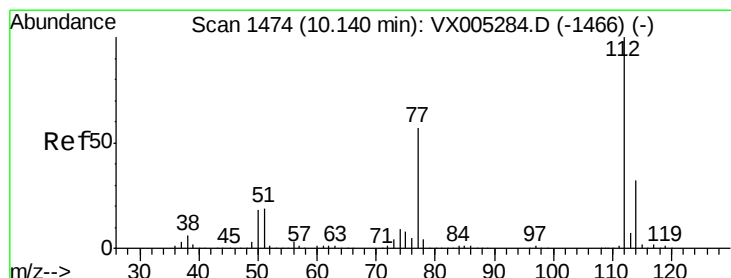
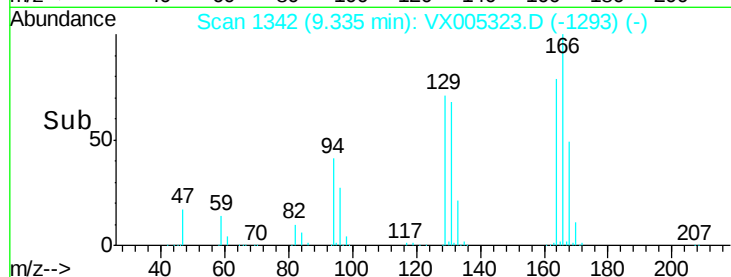
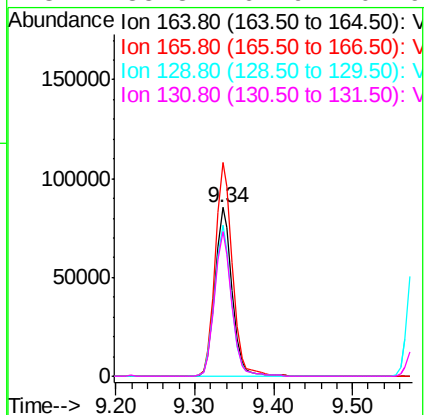
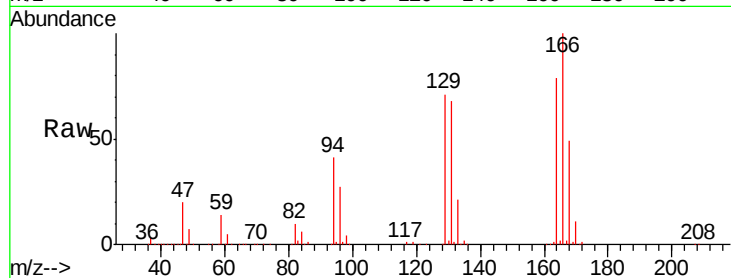
#64
Tetrachloroethene
Concen: 46.24 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Instrument :
MSVOA_X
ClientSampleId :
FA18-MMW3414MS

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
166	126.5	129305	102.8	154.2
129	89.8		69.4	104.0
131	85.8		67.9	101.9

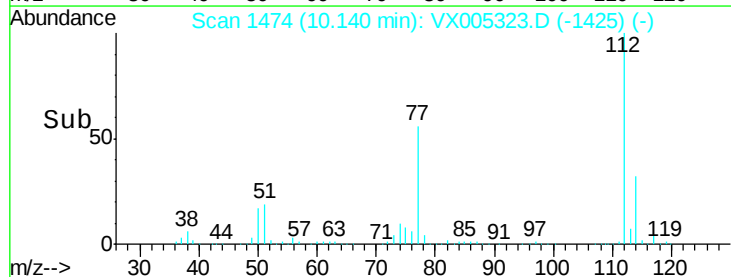
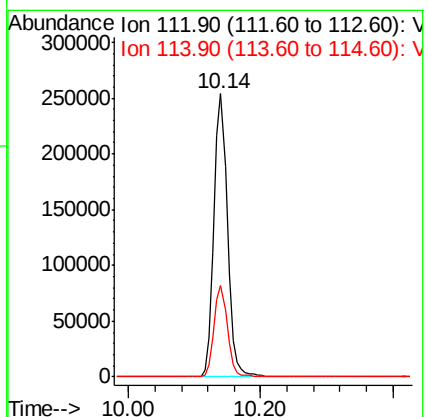
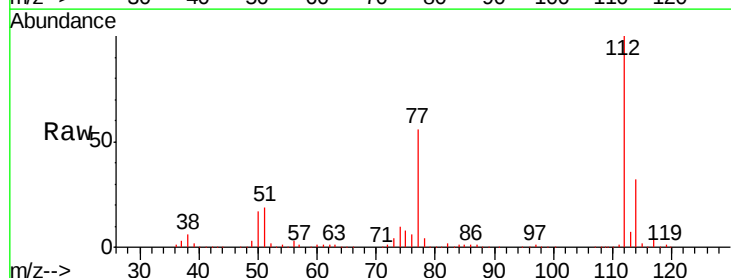
Manual Integrations
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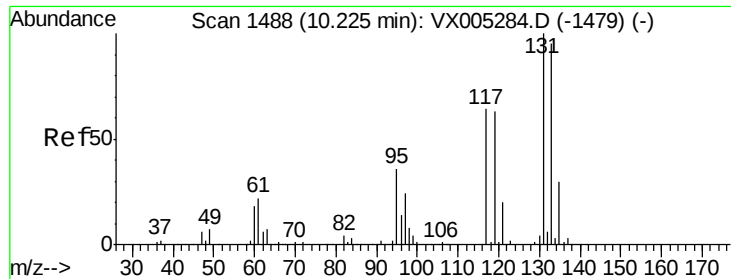
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#65
Chlorobenzene
Concen: 48.33 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	357056		
114	32.2		27.8	41.8





#66

1,1,1,2-Tetrachloroethane

Concen: 49.82 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

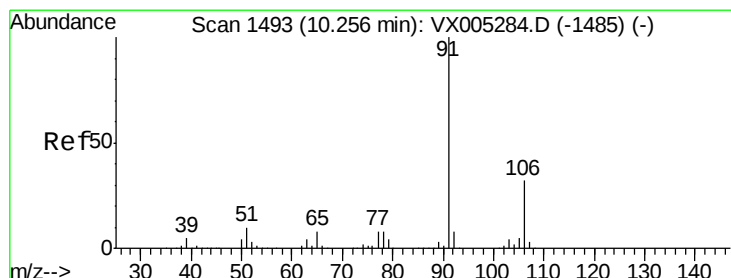
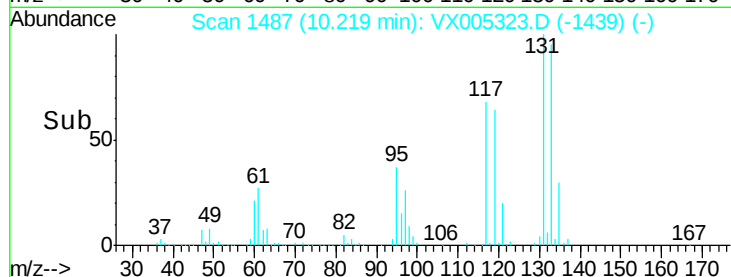
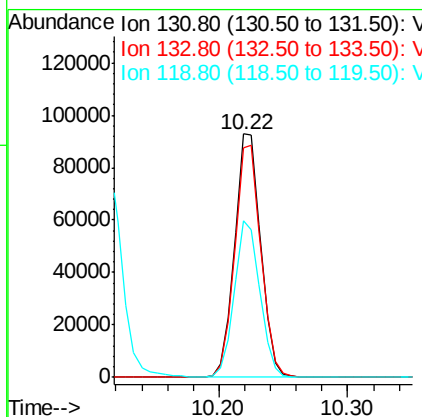
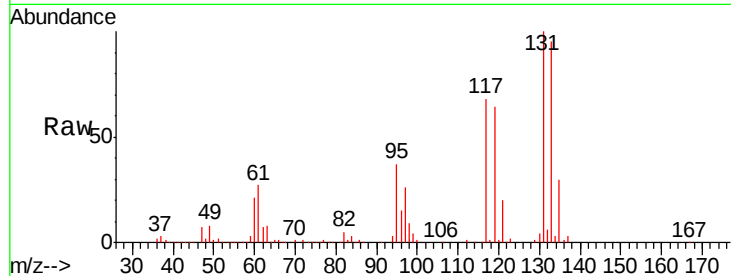
ClientSampleId :

FA18-MMW3414MS

Tgt Ion:	131	Resp:	131157
Ion Ratio	Lower	Upper	
131	100		
133	95.6	48.1	144.4
119	63.0	32.9	98.6

Manual Integrations
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#67

Ethyl Benzene

Concen: 50.32 ug/l

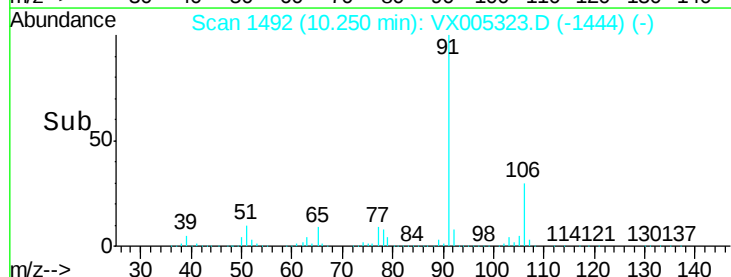
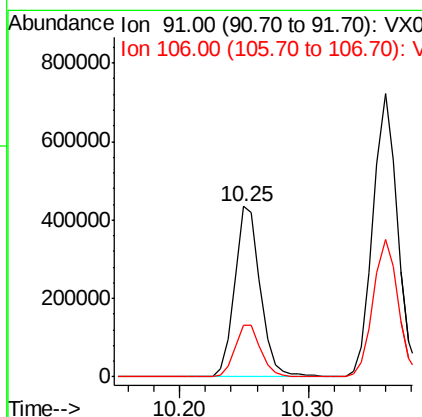
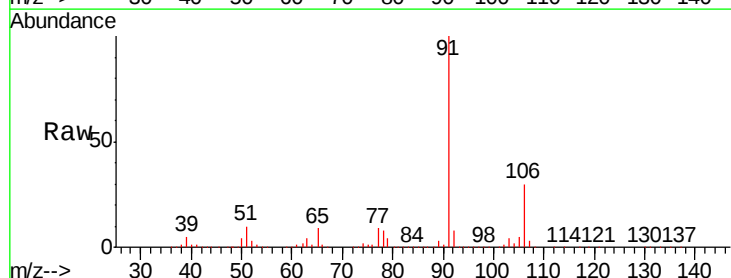
RT: 10.25 min Scan# 1492

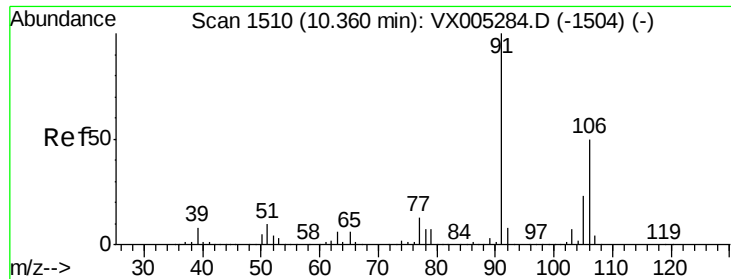
Delta R.T. -0.01 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Tgt Ion:	91	Resp:	604351
Ion Ratio	Lower	Upper	
91	100		
106	30.3	25.9	38.9





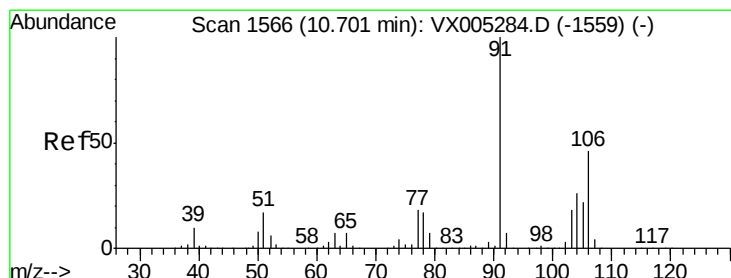
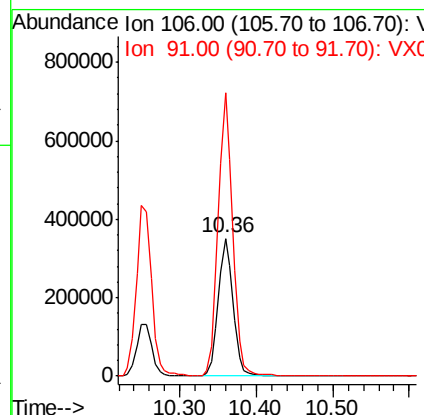
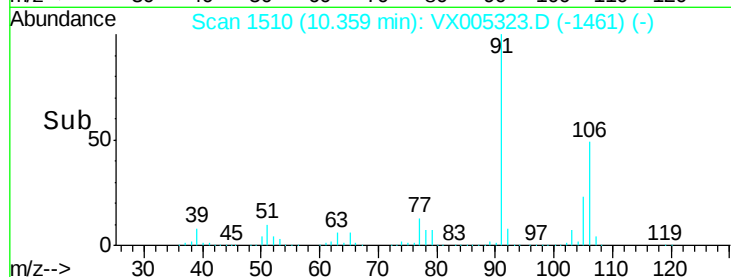
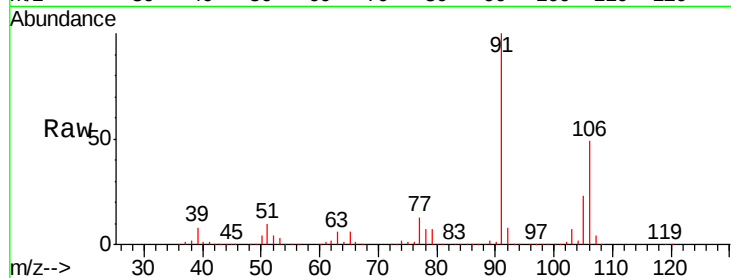
#68
m/p-Xylenes
Concen: 101.05 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Instrument :
MSVOA_X
ClientSampleId :
FA18-MMW3414MS

Tgt Ion:106 Resp: 471098
Ion Ratio Lower Upper
106 100
91 203.2 157.1 235.7

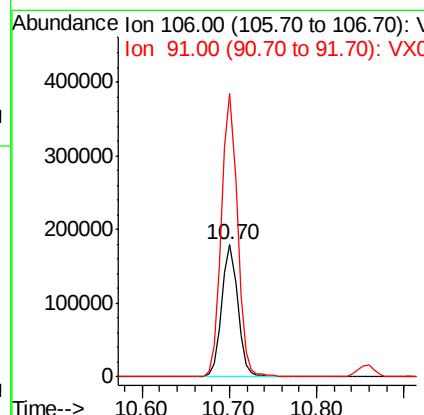
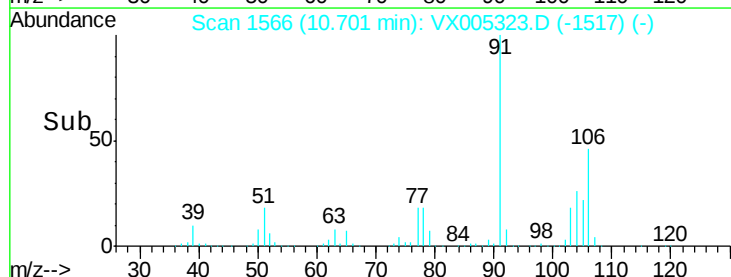
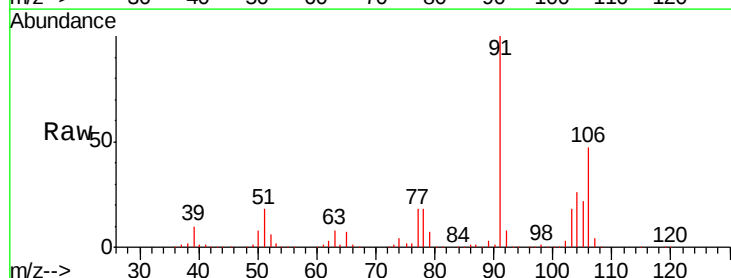
Manual Integrations
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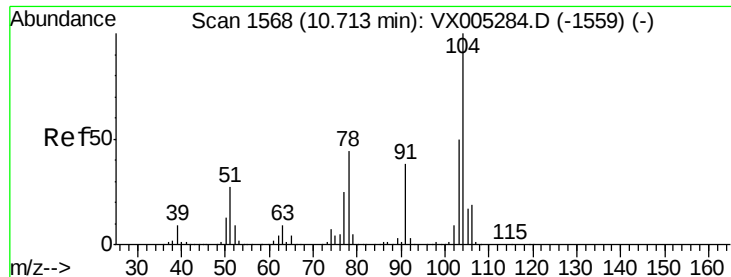
MMDadoda
10/17/2018 9:06:20 AM



#69
o-Xylene
Concen: 50.45 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Tgt Ion:106 Resp: 226830
Ion Ratio Lower Upper
106 100
91 215.4 105.1 315.1





#70

Styrene

Concen: 52.07 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

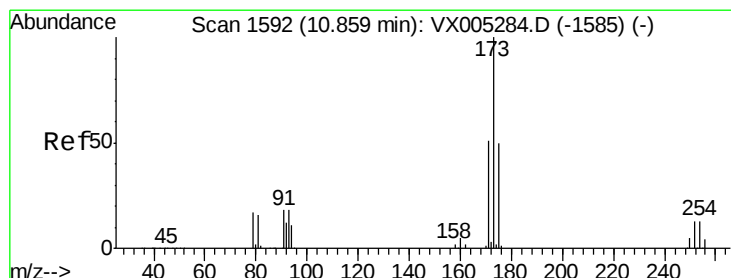
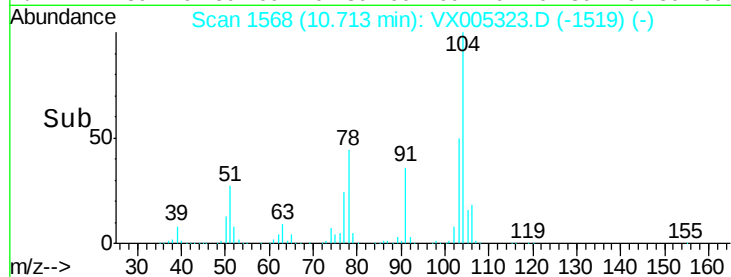
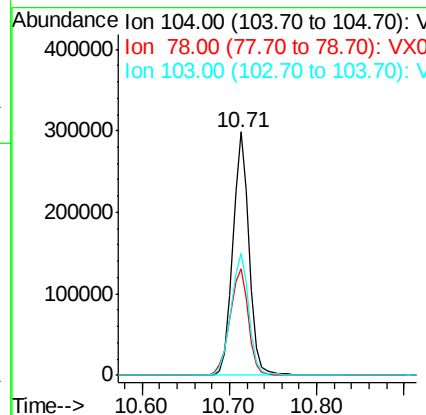
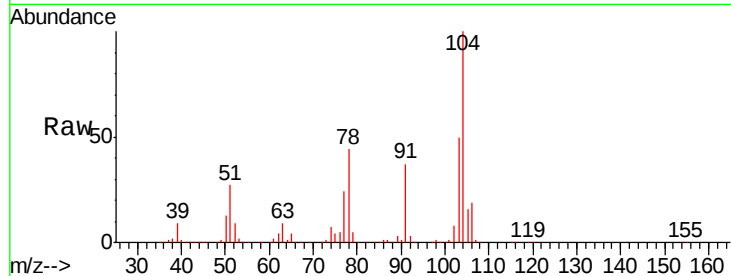
ClientSampleId :

FA18-MMW3414MS

Tgt Ion:	104	Resp:	385070
Ion Ratio	Lower	Upper	
104	100		
78	49.6	37.4	56.0
103	55.5	43.8	65.6

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#71

Bromoform

Concen: 49.63 ug/l

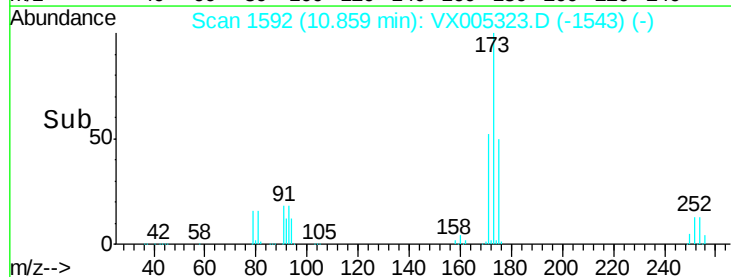
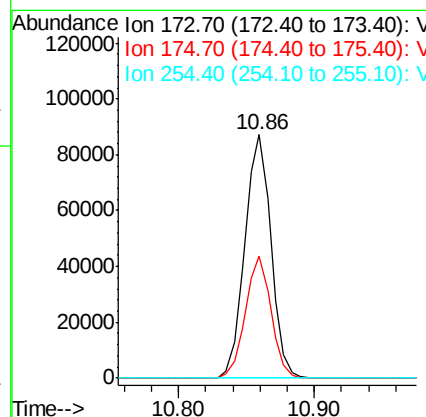
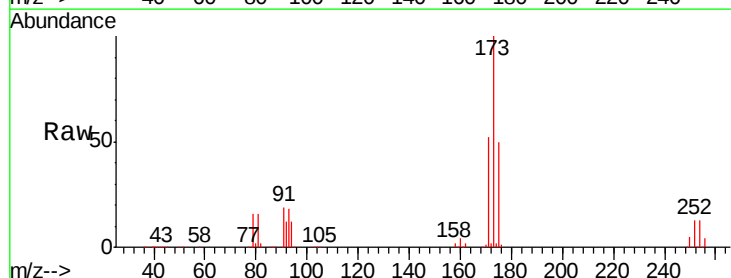
RT: 10.86 min Scan# 1592

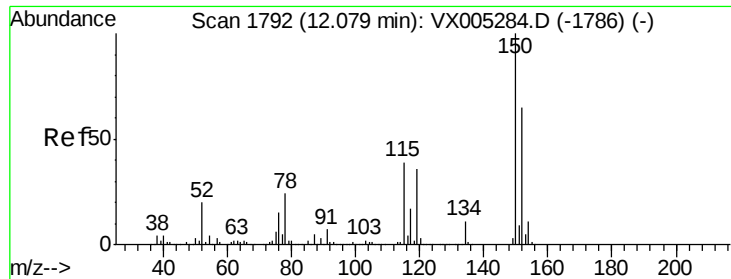
Delta R.T. -0.00 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Tgt Ion:	173	Resp:	116774
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.1	72.3
254	0.2	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

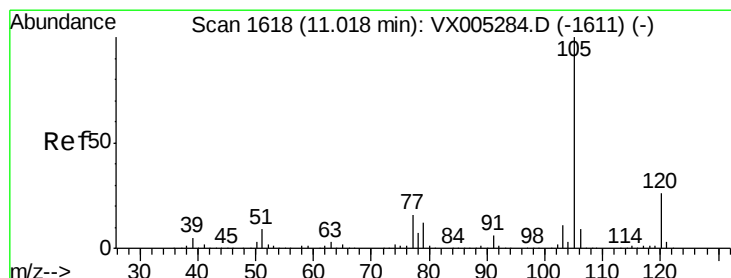
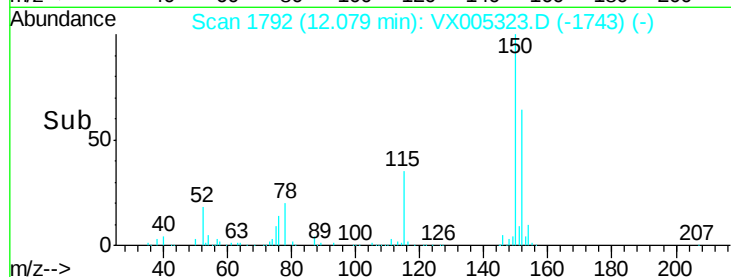
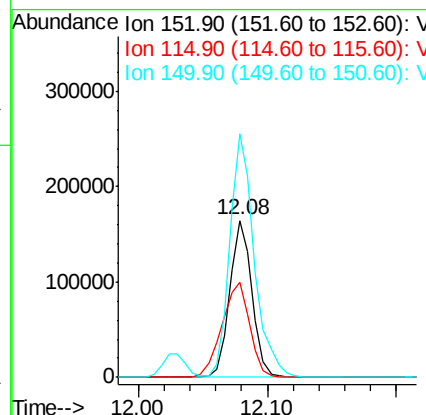
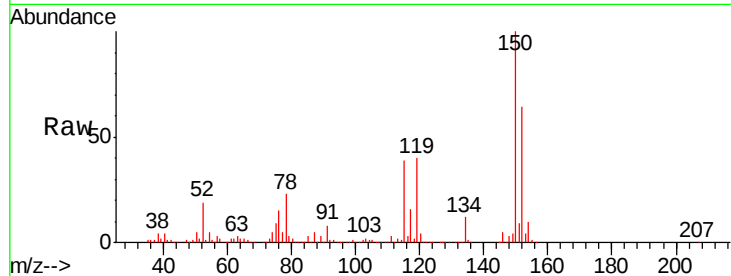
ClientSampleId :

FA18-MMW3414MS

Tgt Ion:	152	Resp:	199257
Ion Ratio	Lower	Upper	
152	100		
115	76.0	39.0	117.0
150	171.3	0.0	351.0

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#73

Isopropylbenzene

Concen: 51.77 ug/l

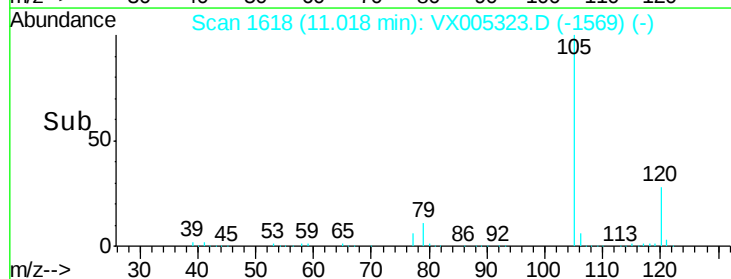
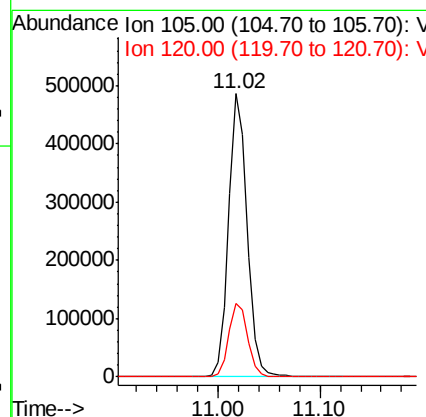
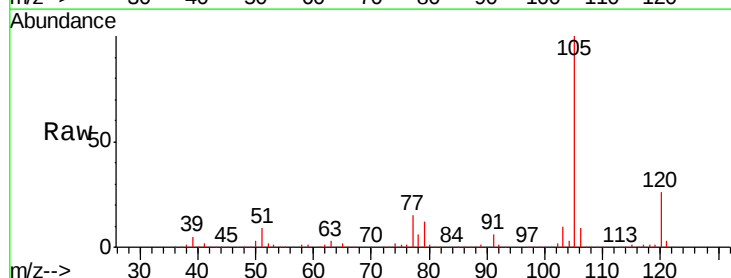
RT: 11.02 min Scan# 1618

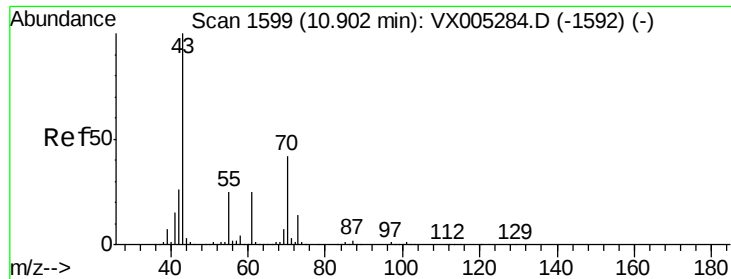
Delta R.T. -0.00 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Tgt Ion:	105	Resp:	613232
Ion Ratio	Lower	Upper	
105	100		
120	26.6	13.5	40.4





#74

N-ethyl acetate

Concen: 41.73 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

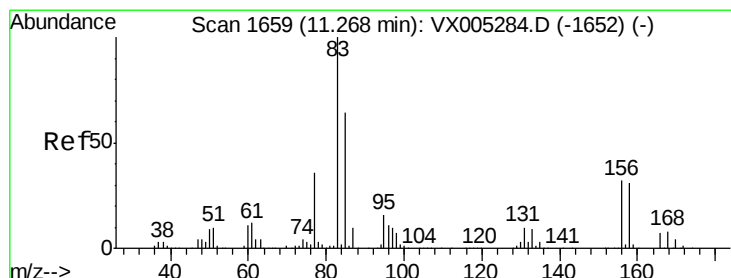
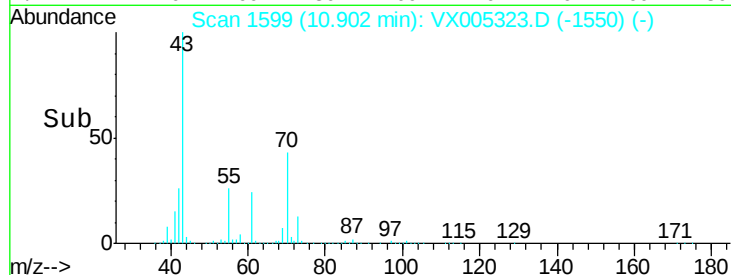
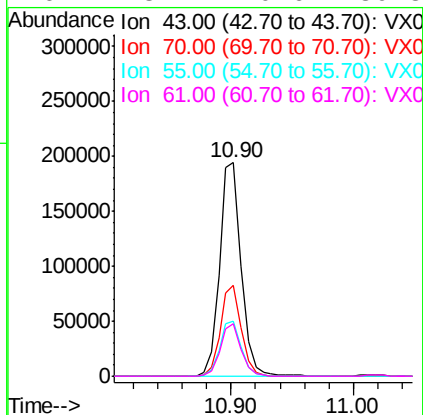
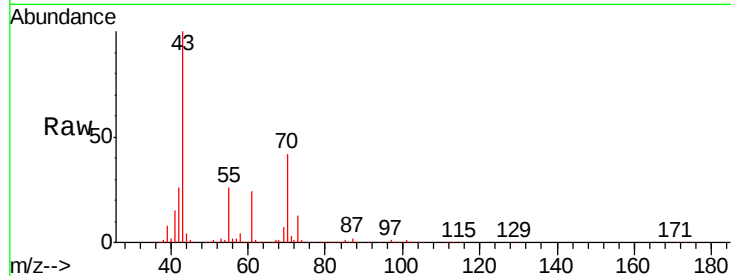
ClientSampleId :

FA18-MMW3414MS

Tgt Ion	Ratio	Lower	Upper
43	100		
70	41.2	37.4	56.0
55	25.9	21.8	32.8
61	23.7	20.6	30.8

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#75

1,1,2,2-Tetrachloroethane

Concen: 48.25 ug/l

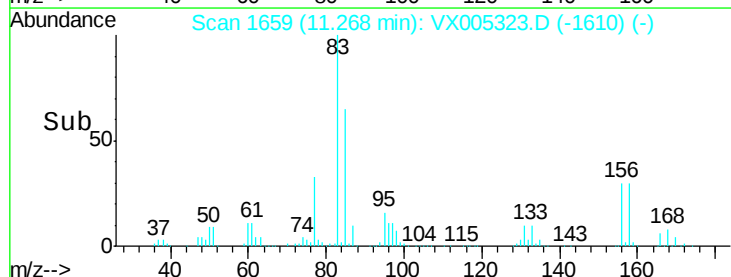
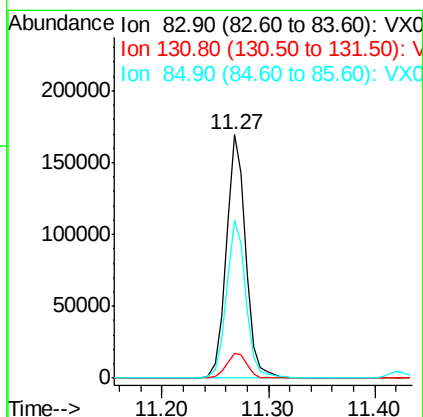
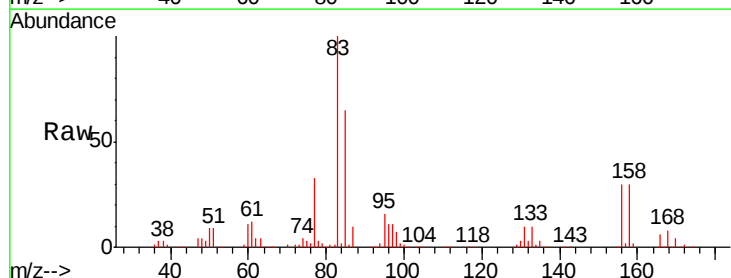
RT: 11.27 min Scan# 1659

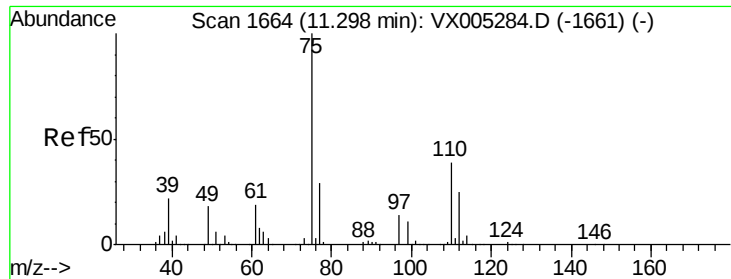
Delta R.T. -0.00 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.2	15.6
85	65.2	32.3	96.8





#76

1,2,3-Trichloropropane

Concen: 50.64 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

ClientSampleId :

FA18-MMW3414MS

Tgt Ion: 75 Resp: 195738

Ion Ratio Lower Upper

75 100

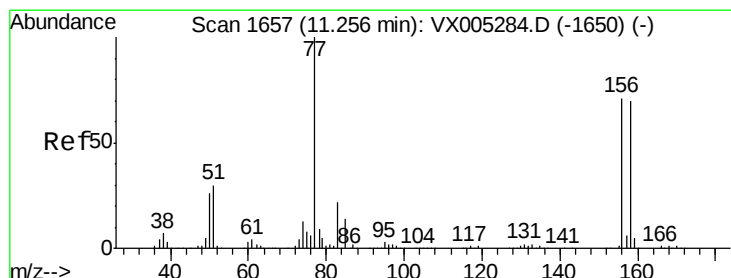
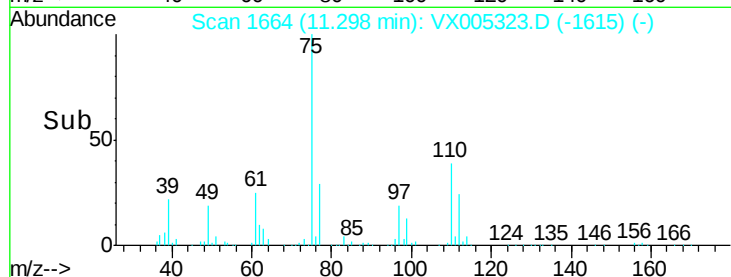
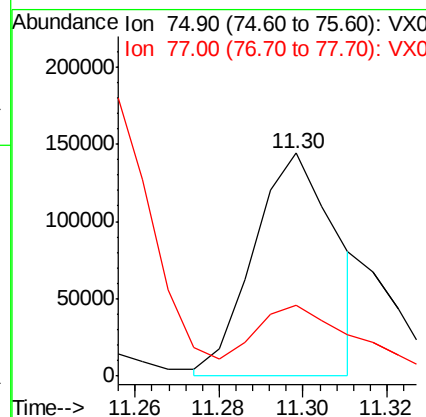
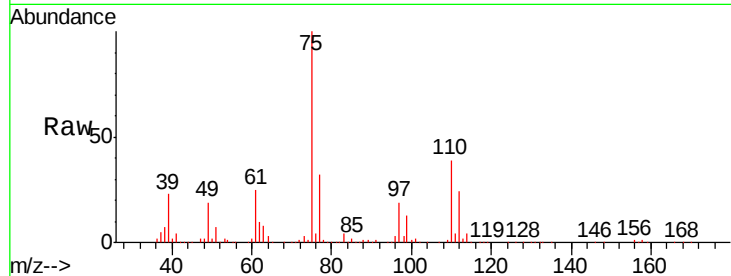
77 39.8 20.2 60.6

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#77

Bromobenzene

Concen: 49.69 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

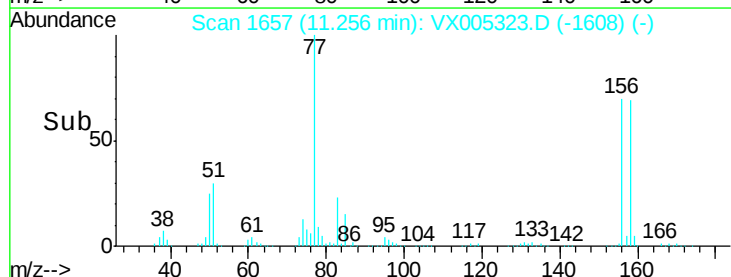
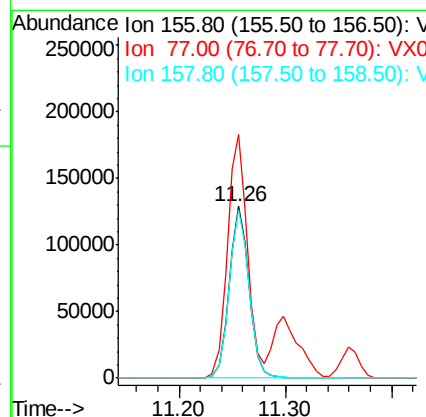
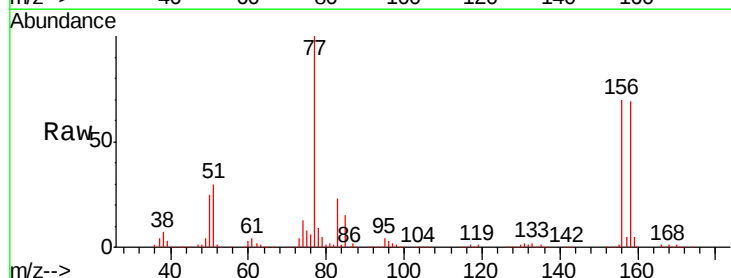
Tgt Ion: 156 Resp: 168308

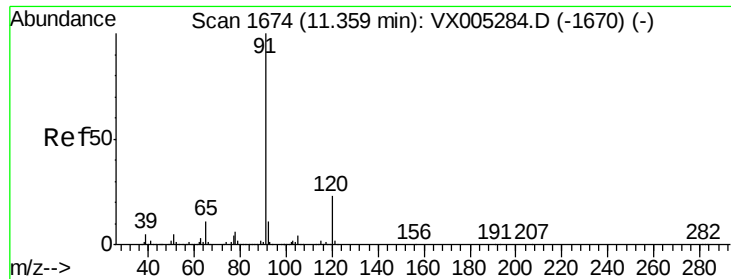
Ion Ratio Lower Upper

156 100

77 142.3 71.5 214.3

158 98.1 48.9 146.8





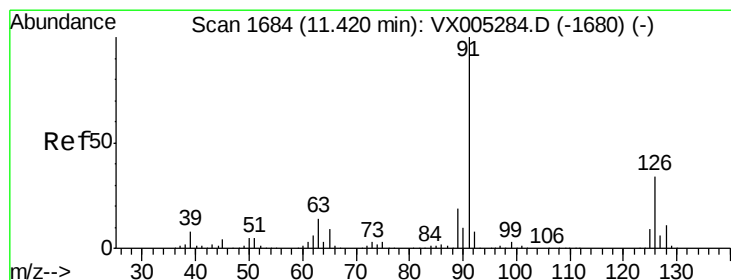
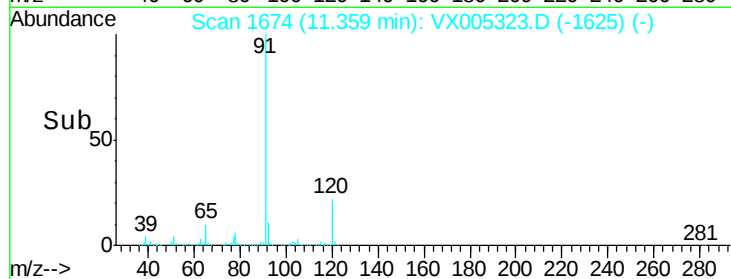
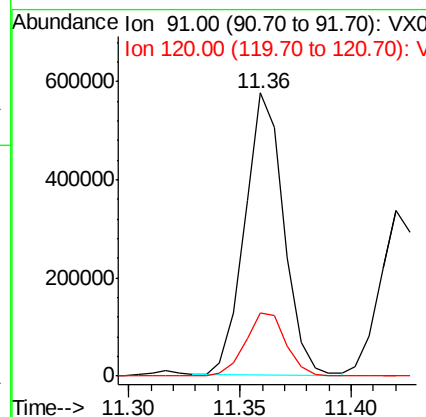
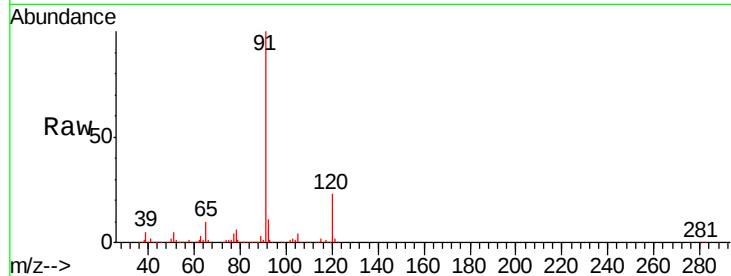
#78
n-propylbenzene
Concen: 51.33 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Instrument :
MSVOA_X
ClientSampleId :
FA18-MMW3414MS

Tgt Ion: 91 Resp: 699729
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.9

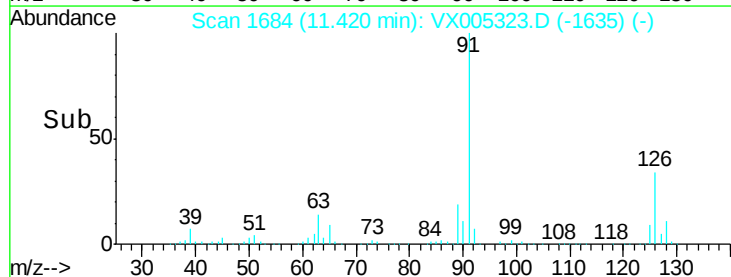
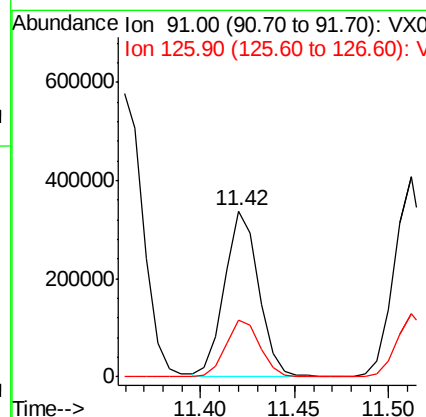
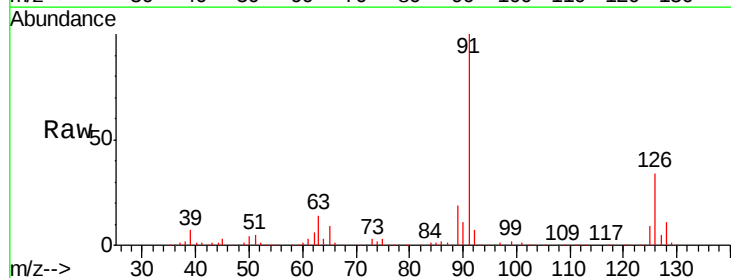
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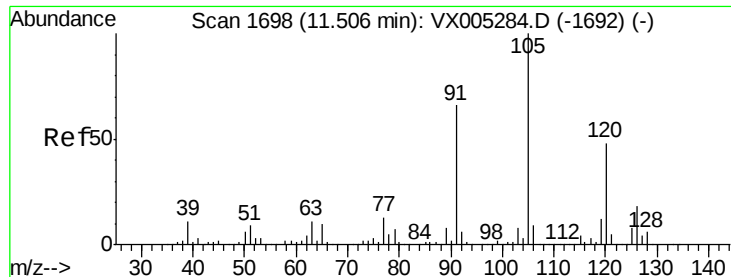
MMDadoda
10/17/2018 9:06:20 AM



#79
2-Chlorotoluene
Concen: 50.25 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Tgt Ion: 91 Resp: 419463
Ion Ratio Lower Upper
91 100
126 35.0 17.9 53.7





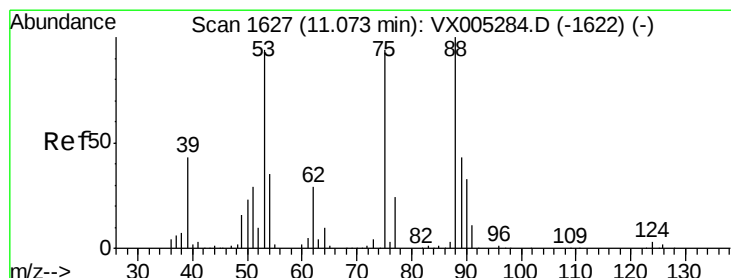
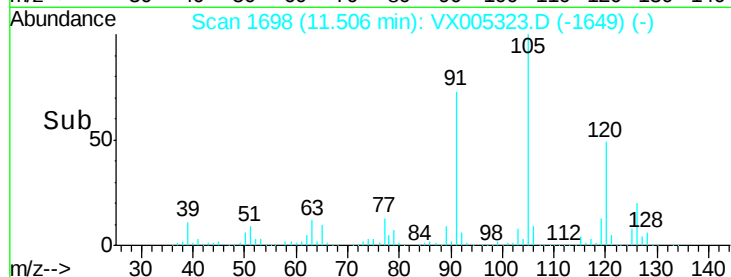
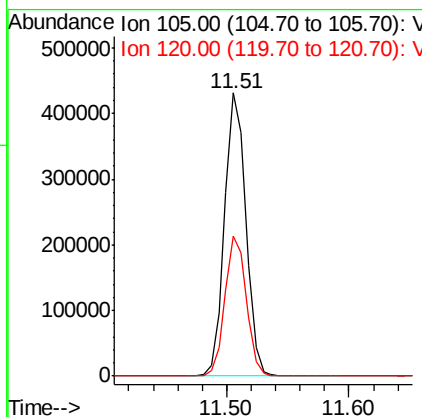
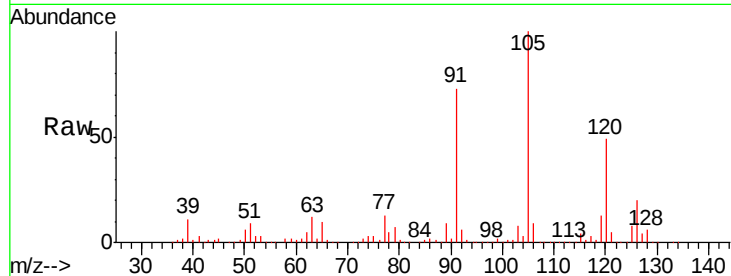
#80
 1,3,5-Trimethylbenzene
 Concen: 51.33 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005323.D
 Acq: 13 Oct 2018 05:24

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-MMW3414MS

Tgt Ion: 105 Resp: 520674
 Ion Ratio Lower Upper
 105 100
 120 49.4 25.6 76.8

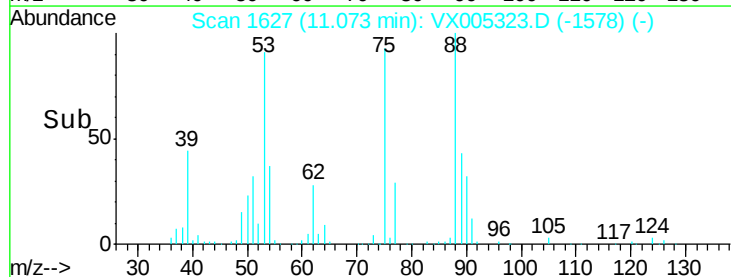
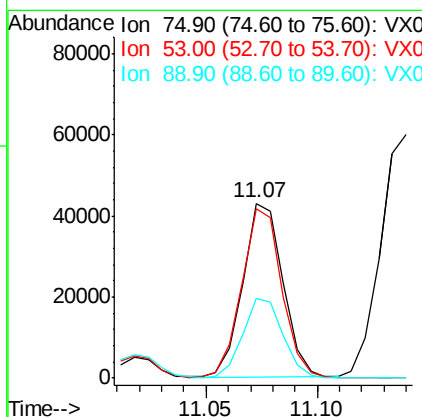
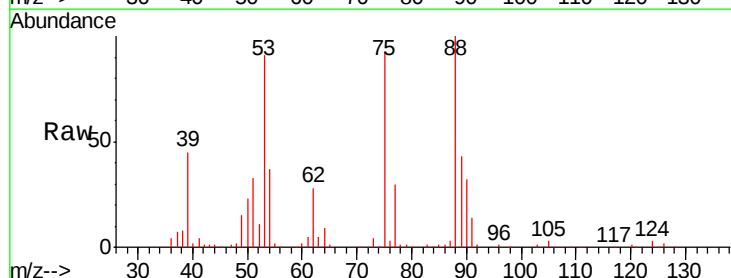
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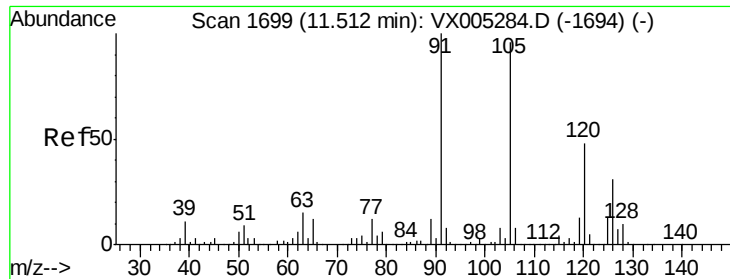
MMDadoda
 10/17/2018 9:06:20 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 42.54 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX005323.D
 Acq: 13 Oct 2018 05:24

Tgt Ion: 75 Resp: 54107
 Ion Ratio Lower Upper
 75 100
 53 97.1 80.1 120.1
 89 46.2 37.2 55.8





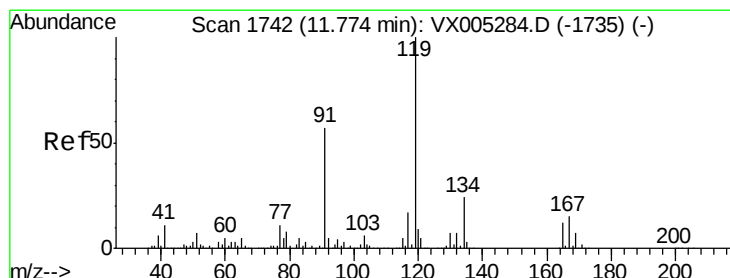
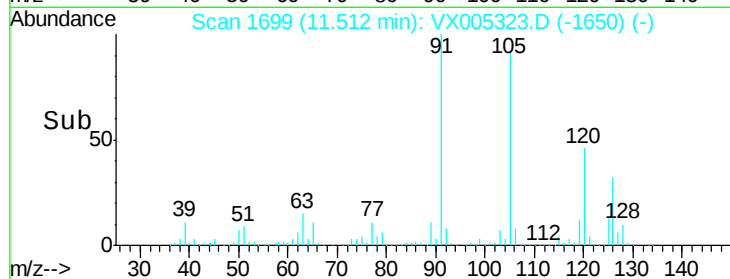
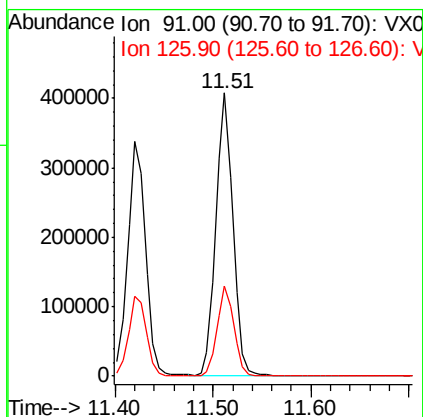
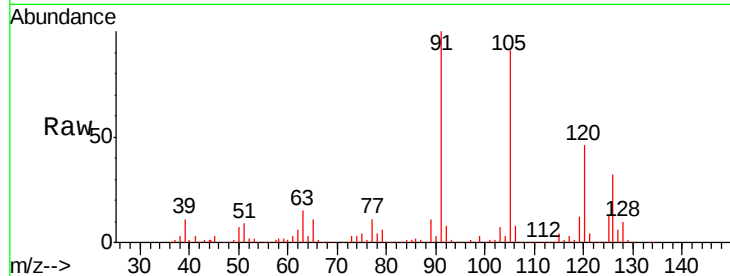
#82
4-Chlorotoluene
Concen: 50.14 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Instrument :
MSVOA_X
ClientSampleId :
FA18-MMW3414MS

Tgt Ion: 91 Resp: 496150
Ion Ratio Lower Upper
91 100
126 31.1 15.5 46.5

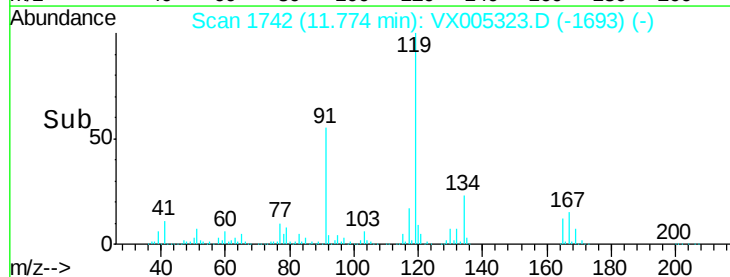
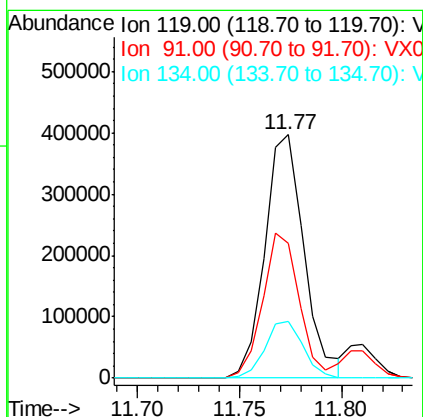
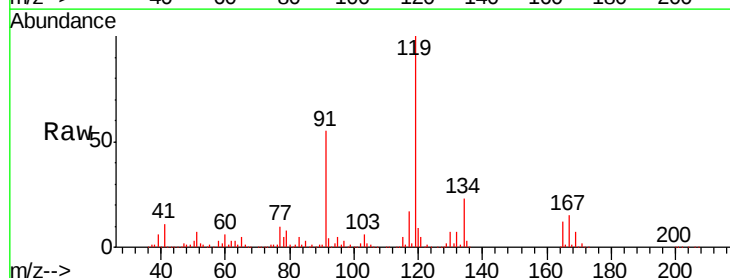
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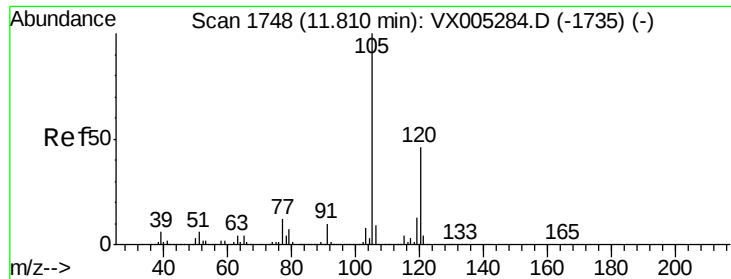
MMDadoda
10/17/2018 9:06:20 AM



#83
tert-Butylbenzene
Concen: 51.87 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX005323.D
Acq: 13 Oct 2018 05:24

Tgt Ion: 119 Resp: 532775
Ion Ratio Lower Upper
119 100
91 55.2 27.0 81.0
134 22.7 11.7 35.1





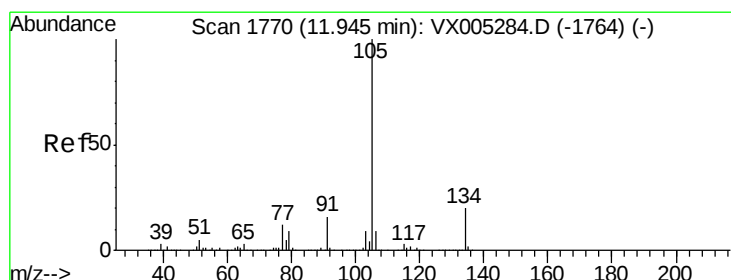
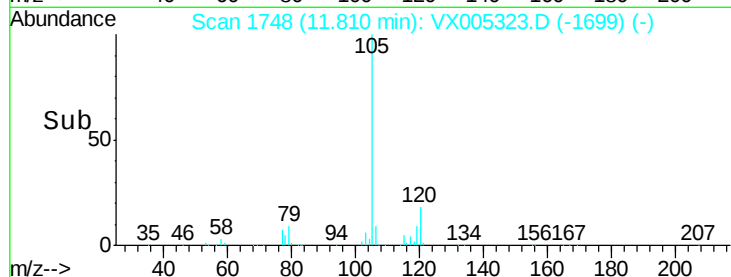
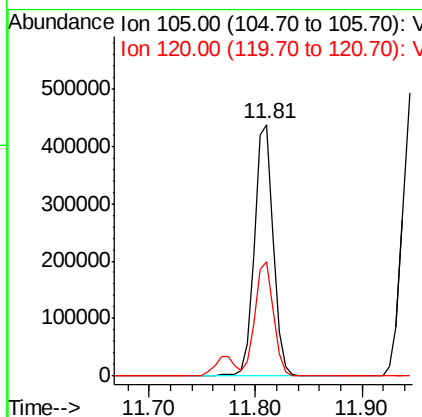
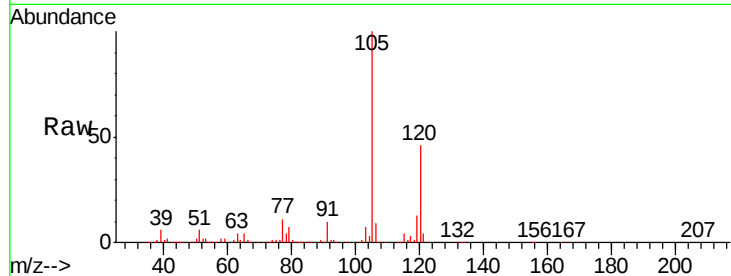
#84
 1,2,4-Trimethylbenzene
 Concen: 52.03 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005323.D
 Acq: 13 Oct 2018 05:24

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-MMW3414MS

Tgt Ion:105 Resp: 543126
 Ion Ratio Lower Upper
 105 100
 120 44.9 23.2 69.6

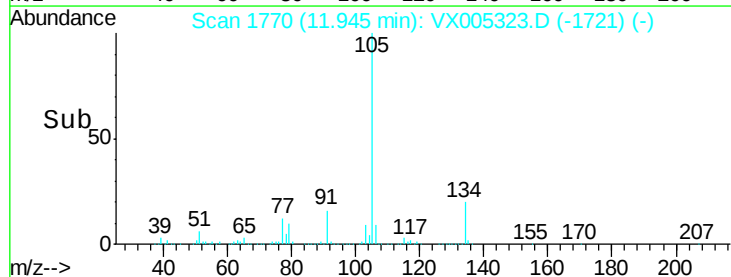
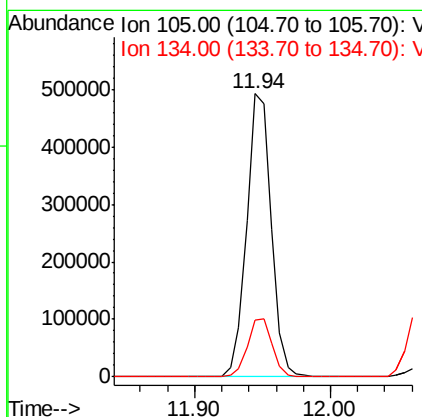
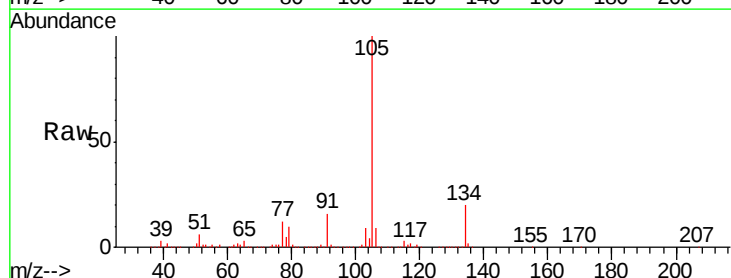
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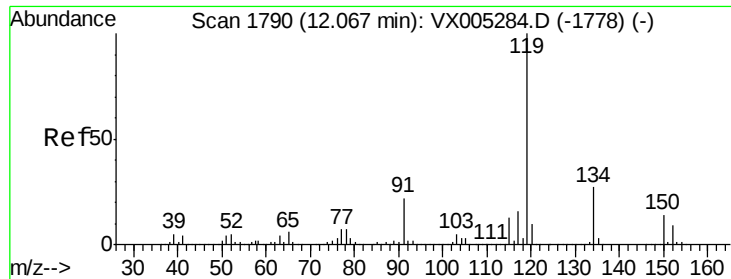
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#85
 sec-Butylbenzene
 Concen: 51.20 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005323.D
 Acq: 13 Oct 2018 05:24

Tgt Ion:105 Resp: 622332
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.5 31.5





#86

p-Isopropyltoluene

Concen: 51.14 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Instrument :

MSVOA_X

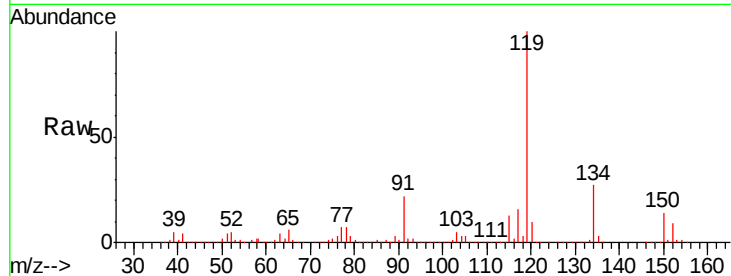
ClientSampleId :

FA18-MMW3414MS

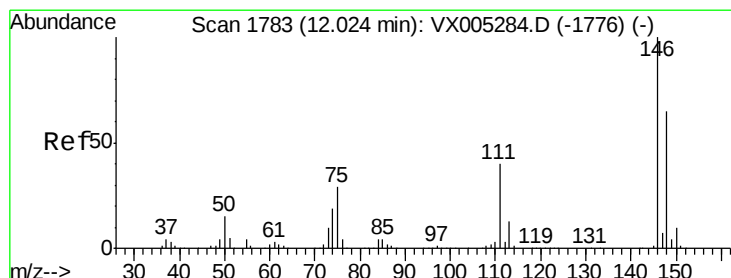
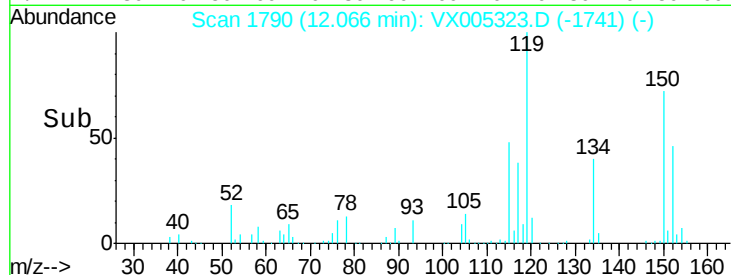
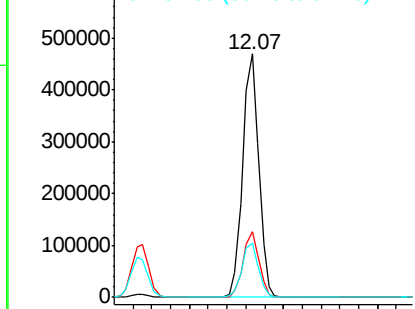
Tgt Ion:	119	Resp:	561827
Ion Ratio	Lower	Upper	
119	100		
134	26.5	13.4	40.2
91	22.7	10.9	32.7

Manual Integrations
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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 48.49 ug/l

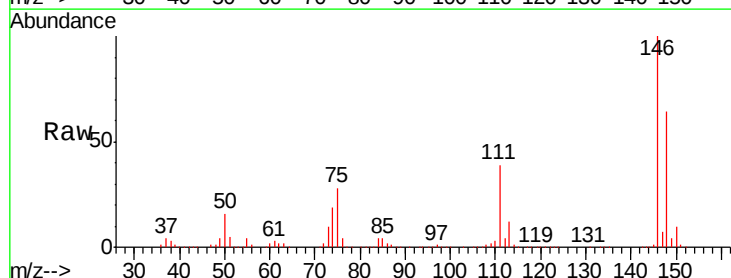
RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX005323.D

Acq: 13 Oct 2018 05:24

Tgt Ion:	146	Resp:	306900
Ion Ratio	Lower	Upper	
146	100		
111	37.5	18.7	56.1
148	64.9	32.1	96.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

