

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081518\
 Data File : VX004075.D
 Acq On : 15 Aug 2018 16:27
 Operator : JC/MD
 Sample : VX0815WBS01
 Misc : 5.00mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS01

Manual Integrations
 APPROVED

MMDadoda
 8/16/2018 4:39:10 PM

Quant Time: Aug 16 06:35:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	309491	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	451402	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	426421	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	257233	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	220188	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
35) Dibromofluoromethane	5.51	113	177072	52.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.82%	
50) Toluene-d8	8.72	98	696809	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
62) 4-Bromofluorobenzene	11.14	95	251235	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	60162	19.97	ug/l	98
3) Chloromethane	1.32	50	72612	19.64	ug/l	99
4) Vinyl Chloride	1.40	62	79770	19.94	ug/l	98
5) Bromomethane	1.64	94	44529	21.87	ug/l	97
6) Chloroethane	1.73	64	55976	20.21	ug/l	100
7) Trichlorofluoromethane	1.93	101	108691	19.37	ug/l	98
8) Diethyl Ether	2.18	74	47630	19.44	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	66228	18.92	ug/l	99
10) Methyl Iodide	2.51	142	66315	20.97	ug/l	98
11) Tert butyl alcohol	3.04	59	91395	104.08	ug/l	99
12) 1,1-Dichloroethene	2.37	96	63144	19.39	ug/l	99
13) Acrolein	2.29	56	51752	94.01	ug/l	100
14) Allyl chloride	2.73	41	121601	19.63	ug/l	97
15) Acrylonitrile	3.14	53	220862	100.88	ug/l	99
16) Acetone	2.44	43	239693	105.72	ug/l	99
17) Carbon Disulfide	2.57	76	166752	18.06	ug/l	99
18) Methyl Acetate	2.77	43	102871	20.42	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	225244	19.64	ug/l	98
20) Methylene Chloride	2.86	84	76292	20.23	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	70553	19.08	ug/l	99
22) Diisopropyl ether	3.87	45	237924	19.60	ug/l	96
23) Vinyl Acetate	3.82	43	1005642	100.86	ug/l	99
24) 1,1-Dichloroethane	3.70	63	133781	19.46	ug/l	100
25) 2-Butanone	4.70	43	380681	103.20	ug/l	97
26) 2,2-Dichloropropane	4.59	77	105045	19.22	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	79936	19.22	ug/l	96
28) Bromochloromethane	5.02	49	64024	20.30	ug/l	93
29) Tetrahydrofuran	5.16	42	188557	100.05	ug/l	97
30) Chloroform	5.21	83	130201	19.40	ug/l	98
31) Cyclohexane	5.57	56	113194	18.78	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	110475	19.70	ug/l	99
36) 1,1-Dichloropropene	5.80	75	98996	19.27	ug/l	99
37) Ethyl Acetate	4.85	43	112678	20.14	ug/l	99
38) Carbon Tetrachloride	5.79	117	94457	18.93	ug/l	97

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 Misc : 5.00mL/MSVOA X/WATER
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Instrument :
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Manual Integrations
 APPROVED

MMDadoda
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Quant Time: Aug 16 06:35:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	110557	18.97	ug/l	99
40) Benzene	6.15	78	307844	19.96	ug/l	99
41) Methacrylonitrile	5.06	41	61132	19.51	ug/l	98
42) 1,2-Dichloroethane	6.20	62	106619	19.75	ug/l	100
43) Isopropyl Acetate	6.46	43	162926	19.76	ug/l	99
44) Trichloroethene	7.21	130	80481	19.22	ug/l	96
45) 1,2-Dichloropropane	7.52	63	77367	19.59	ug/l	100
46) Dibromomethane	7.67	93	50984	19.76	ug/l	98
47) Bromodichloromethane	7.90	83	93898	19.21	ug/l	99
48) Methyl methacrylate	7.78	41	83827	20.20	ug/l	99
49) 1,4-Dioxane	7.76	88	38120	407.94	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	715454	105.83	ug/l	99
52) Toluene	8.79	92	196361	20.13	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	103113	19.53	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	115419	19.74	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	78920	19.59	ug/l	99
56) Ethyl methacrylate	9.18	69	107499	19.62	ug/l	99
57) 1,3-Dichloropropane	9.37	76	133844	20.03	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	295567	105.96	ug/l	99
59) 2-Hexanone	9.50	43	544332	106.98	ug/l	99
60) Dibromochloromethane	9.59	129	73704	19.01	ug/l	99
61) 1,2-Dibromoethane	9.68	107	81693	19.89	ug/l	99
64) Tetrachloroethene	9.34	164	79144	19.58	ug/l	95
65) Chlorobenzene	10.14	112	216404	19.65	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	73739	19.63	ug/l	98
67) Ethyl Benzene	10.26	91	355005	20.35	ug/l	99
68) m/p-Xylenes	10.36	106	281203	41.17	ug/l	97
69) o-Xylene	10.70	106	132046	20.23	ug/l	94
70) Styrene	10.71	104	225647	20.54	ug/l	97
71) Bromoform	10.86	173	54360	18.25	ug/l #	99
73) Isopropylbenzene	11.02	105	356510	20.48	ug/l	97
74) N-amyl acetate	6.46	43	162926	19.90	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	122024	20.07	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	111462m	21.61	ug/l	
77) Bromobenzene	11.26	156	96354	20.08	ug/l	99
78) n-propylbenzene	11.36	91	414323	21.27	ug/l	100
79) 2-Chlorotoluene	11.42	91	249670	21.03	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	299575	21.02	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	30624	18.38	ug/l	92
82) 4-Chlorotoluene	11.51	91	294328	20.97	ug/l	100
83) tert-Butylbenzene	11.77	119	289010	20.11	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	313089	21.21	ug/l	100
85) sec-Butylbenzene	11.94	105	353177	21.00	ug/l	99
86) p-Isopropyltoluene	12.07	119	306975	20.16	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	177316	19.37	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	173373	18.41	ug/l	98
89) n-Butylbenzene	12.39	91	237532	19.80	ug/l	97
90) Hexachloroethane	12.60	117	42200	18.52	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	155721	18.87	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20516	19.20	ug/l	98

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

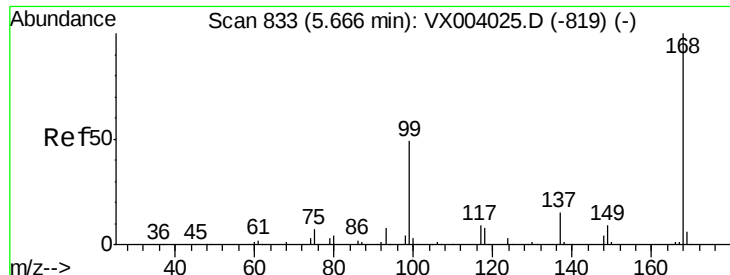
Manual Integrations
APPROVED

MMDadoda
8/16/2018 4:39:10 PM

Quant Time: Aug 16 06:35:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	110594	19.60	ug/l	99
94) Hexachlorobutadiene	13.79	225	53476	18.91	ug/l	97
95) Naphthalene	13.83	128	368689	21.17	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	125875	20.46	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX0815WBS01

Tot Ion:168 Resp: 309491

Ion Ratio Lower Upper

168 100

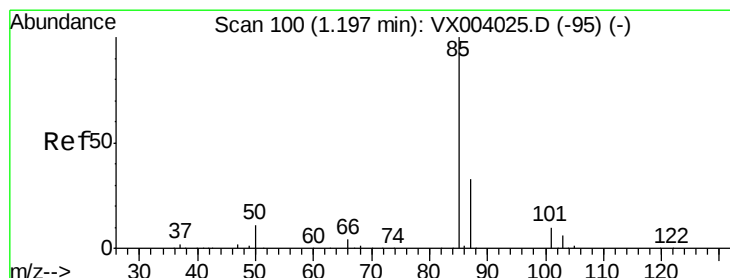
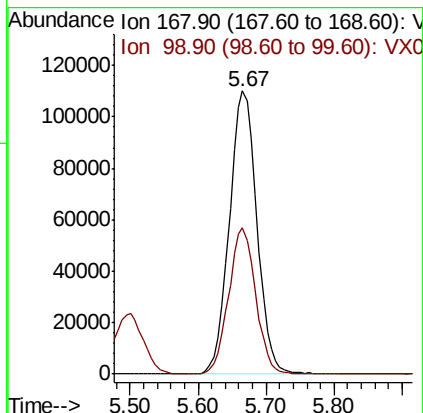
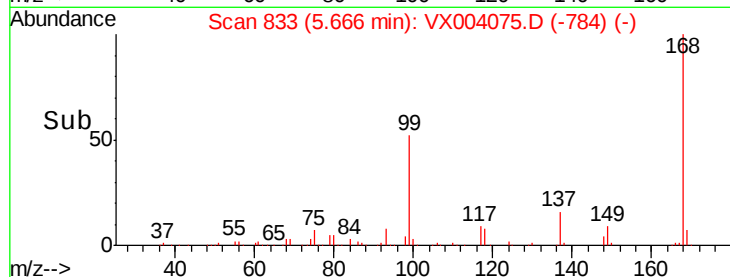
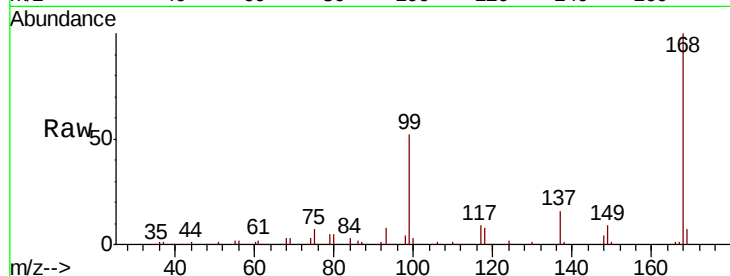
99 51.6 40.1 60.1

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 19.97 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX004075.D

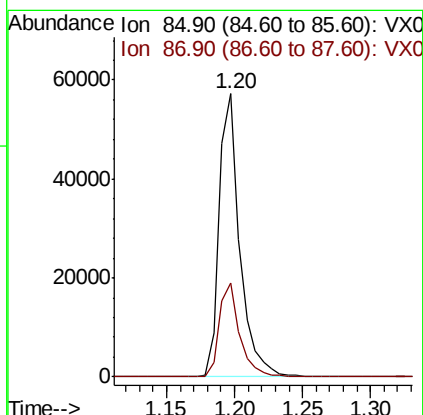
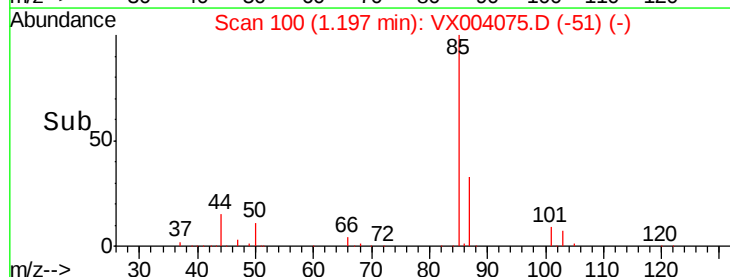
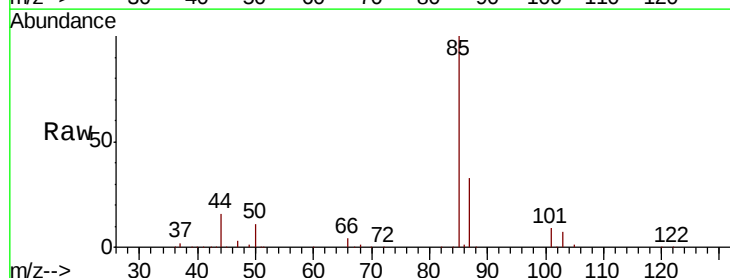
Acq: 15 Aug 2018 16:27

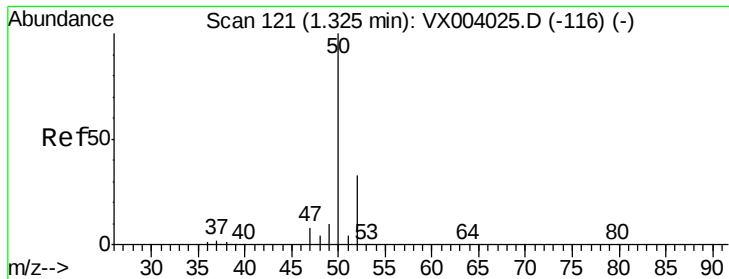
Tgt Ion: 85 Resp: 60162

Ion Ratio Lower Upper

85 100

87 33.3 16.0 48.0





#3

Chloromethane

Concen: 19.64 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX0815WBS01

Tot Ion: 50 Resp: 72612

Ion Ratio Lower Upper

50 100

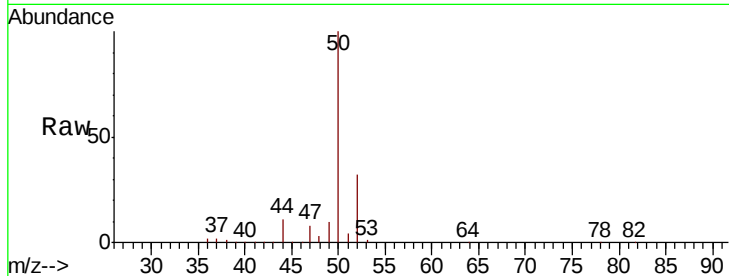
52 32.5 26.6 39.8

Manual Integrations

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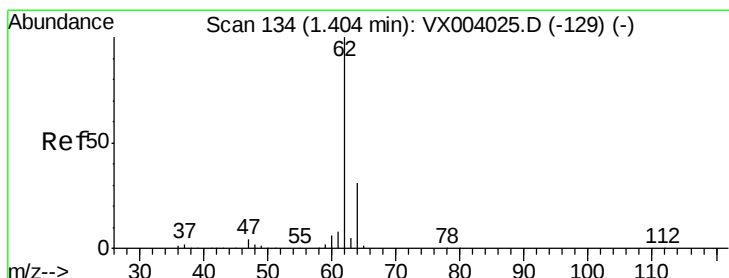
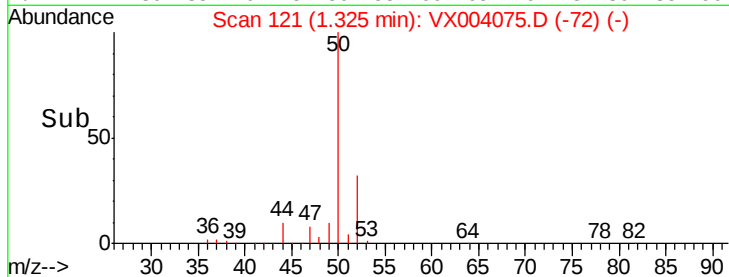
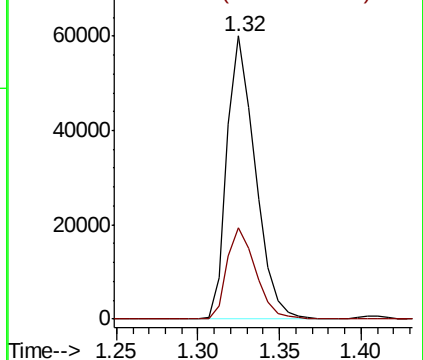
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.94 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004075.D

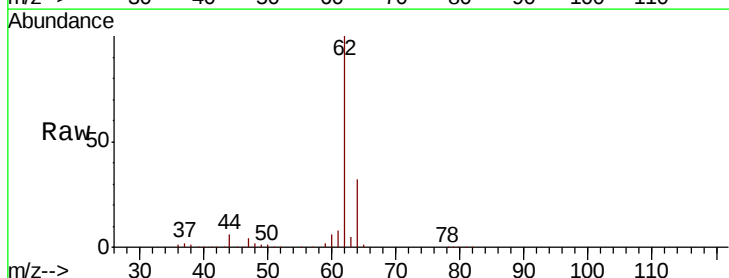
Acq: 15 Aug 2018 16:27

Tgt Ion: 62 Resp: 79770

Ion Ratio Lower Upper

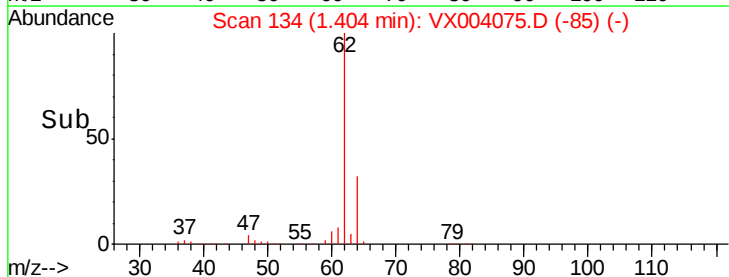
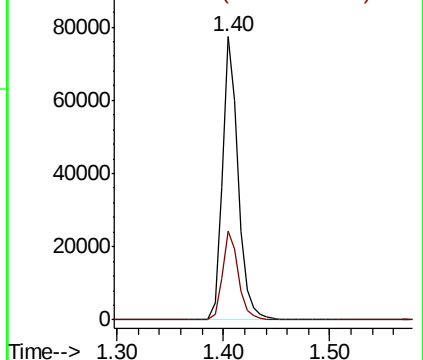
62 100

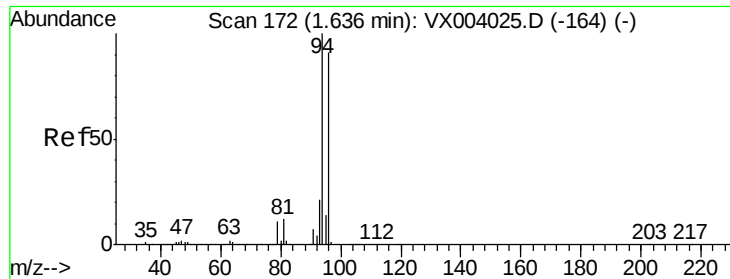
64 31.5 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.87 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX0815WBS01

Tot Ion: 94 Resp: 44529

Ion Ratio Lower Upper

94 100

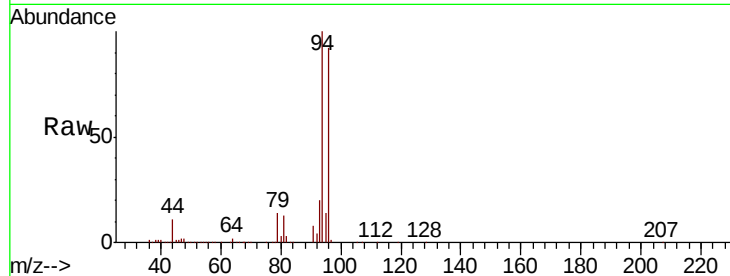
96 91.6 75.2 112.8

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

40000

30000

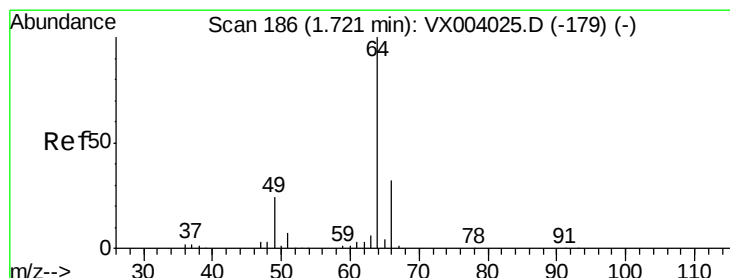
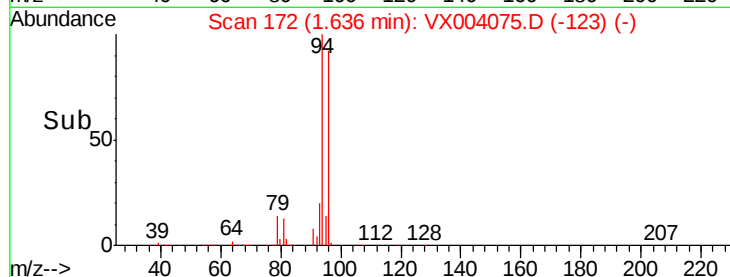
20000

10000

0

1.55 1.60 1.65 1.70 1.75

Time-->



#6

Chloroethane

Concen: 20.21 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX004075.D

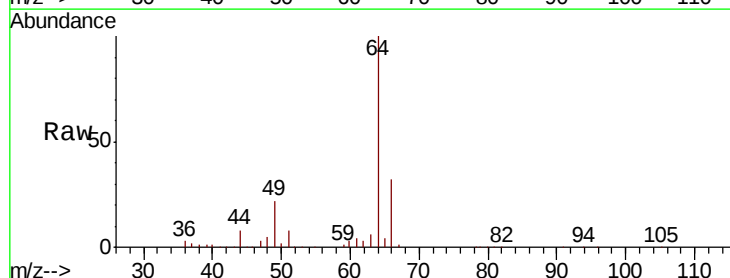
Acq: 15 Aug 2018 16:27

Tgt Ion: 64 Resp: 55976

Ion Ratio Lower Upper

64 100

66 32.9 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

40000

30000

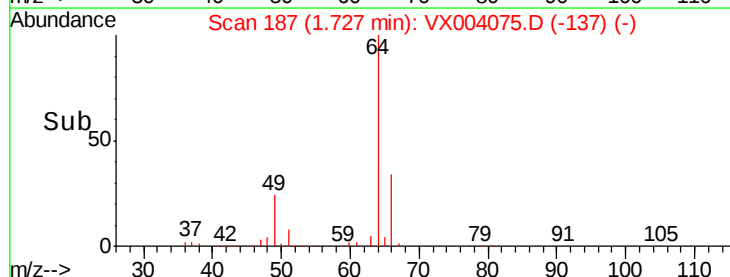
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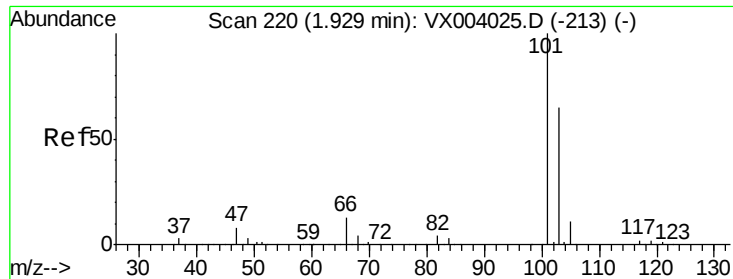
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1.65 1.70 1.75 1.80 1.85

Time-->





#7

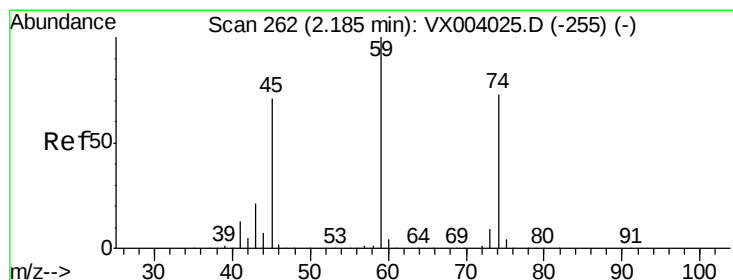
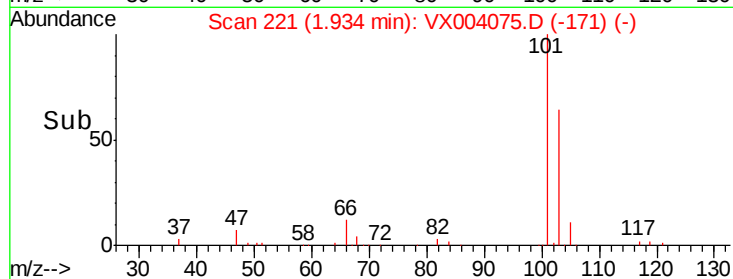
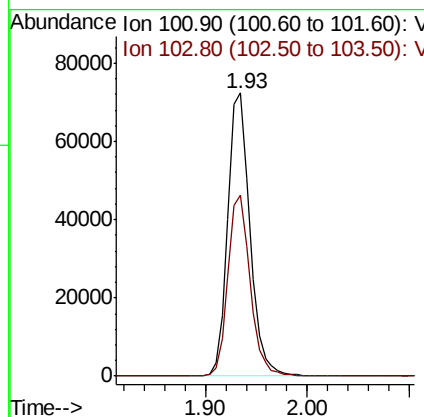
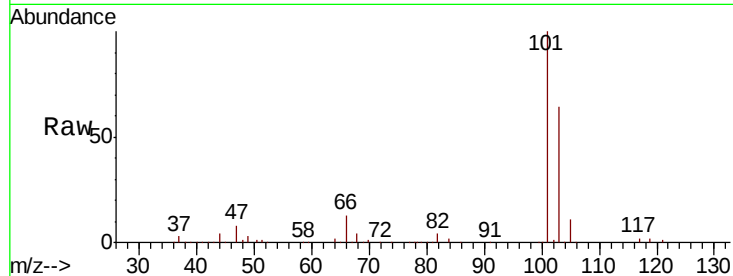
Trichlorofluoromethane
 Concen: 19.37 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	52.3	78.5

Manual Integrations
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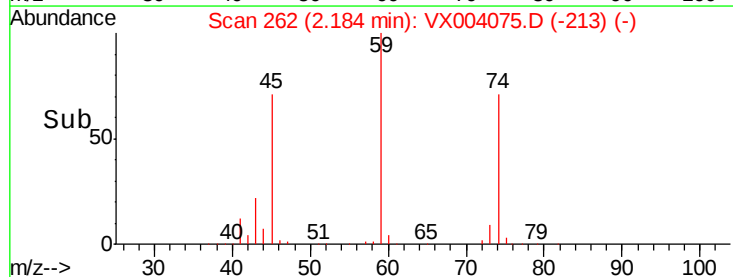
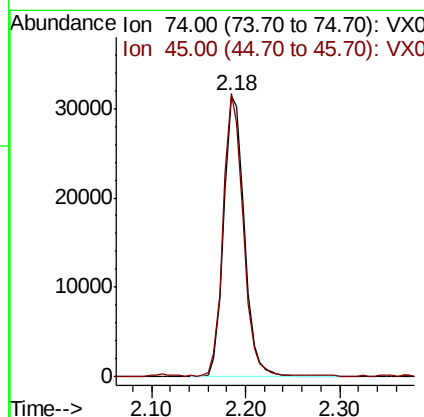
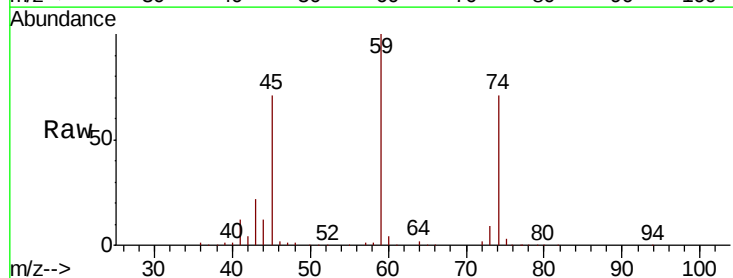
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 8/16/2018 4:39:10 PM

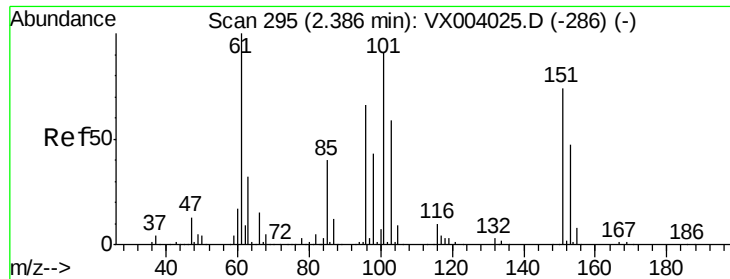


#8

Diethyl Ether
 Concen: 19.44 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.5	48.3	144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.92 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

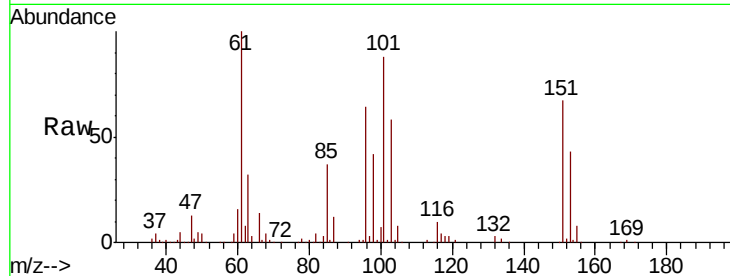
ClientSampleId :

VX0815WBS01

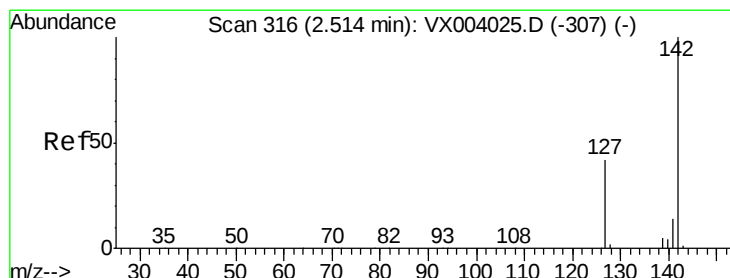
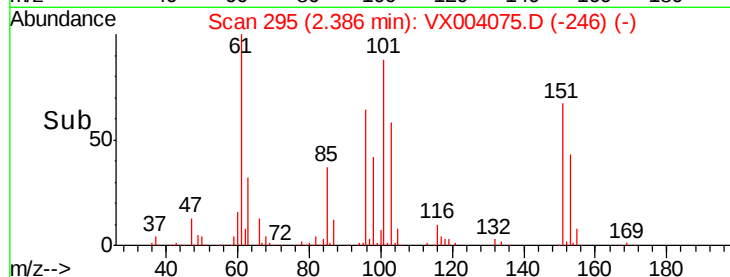
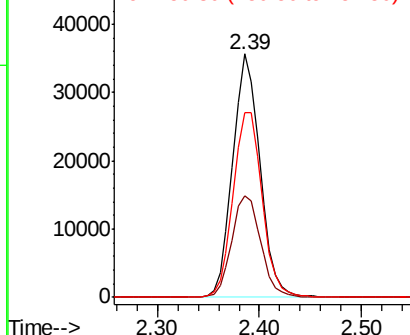
Tot Ion:	101	Resp:	66228
Ion Ratio	Lower	Upper	
101	100		
85	44.2	34.2	51.4
151	80.8	65.0	97.4

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.97 ug/l

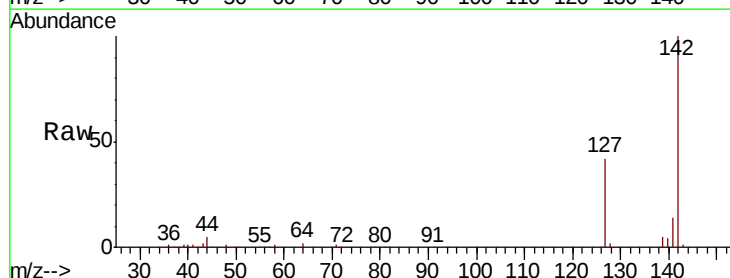
RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

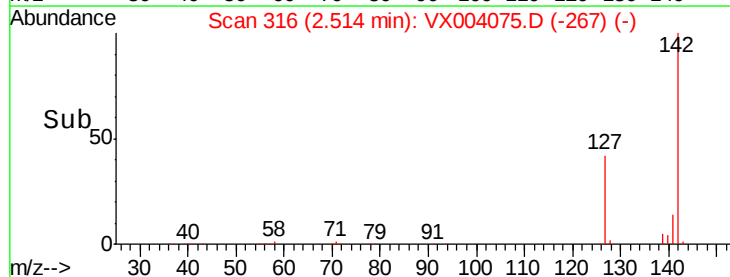
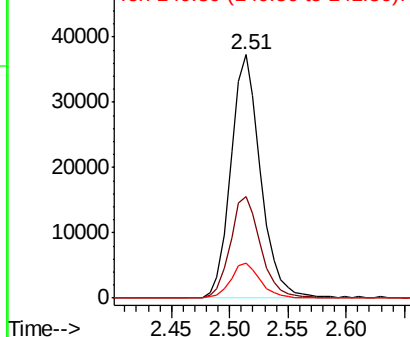
Lab File: VX004075.D

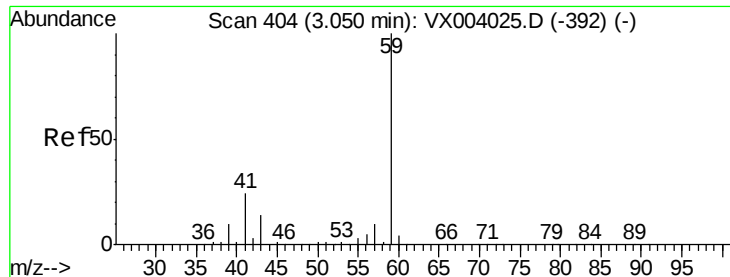
Acq: 15 Aug 2018 16:27

Tgt Ion:	142	Resp:	66315
Ion Ratio	Lower	Upper	
142	100		
127	42.6	33.1	49.7
141	14.4	11.1	16.7



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

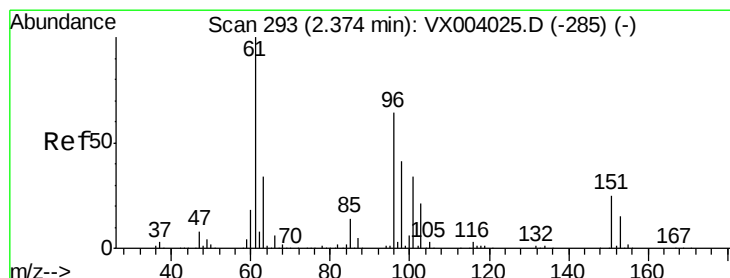
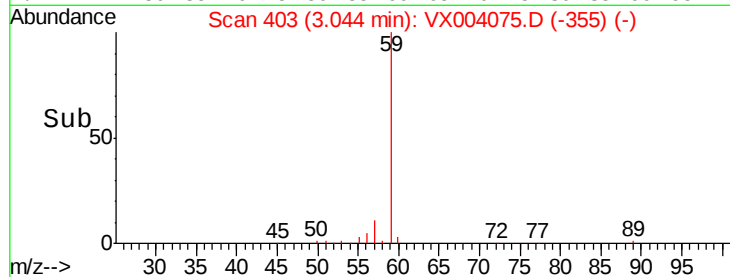
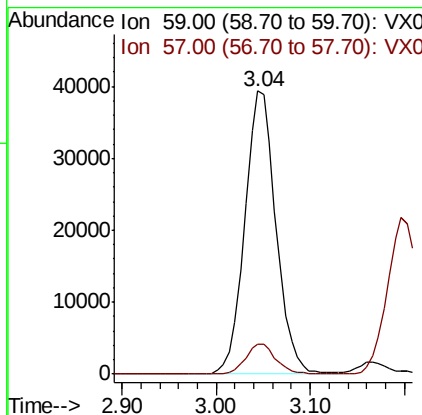
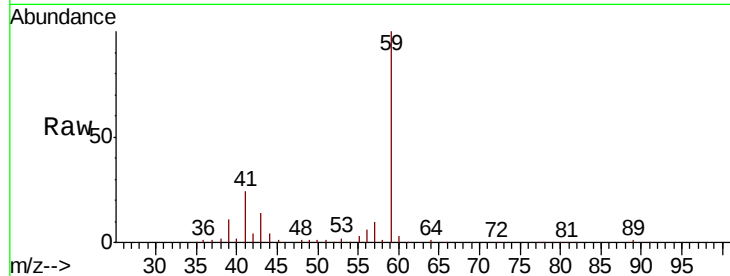
Tert butyl alcohol
 Concen: 104.08 ug/l
 RT: 3.04 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.1	12.1

Manual Integrations
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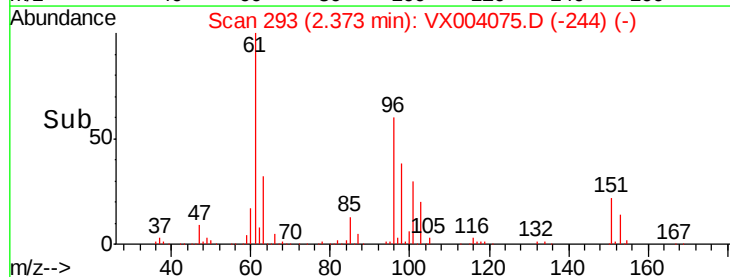
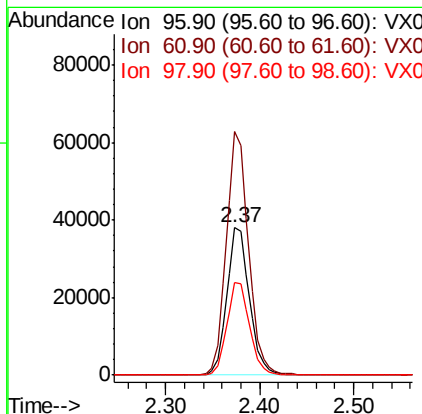
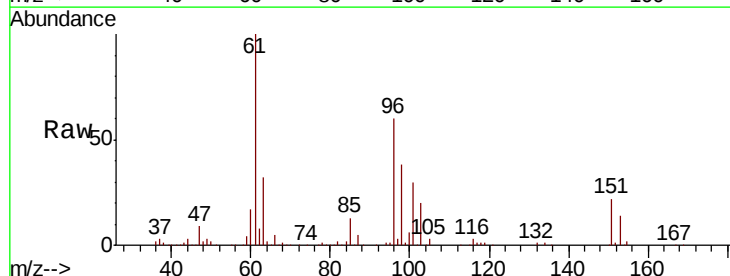
MMDadoda
 8/16/2018 4:39:10 PM

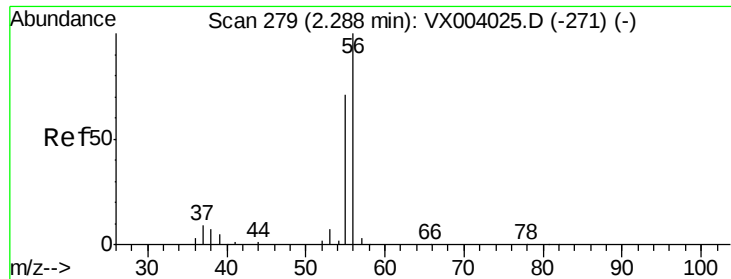


#12

1,1-Dichloroethene
 Concen: 19.39 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.5	131.3	196.9
98	62.8	51.8	77.6





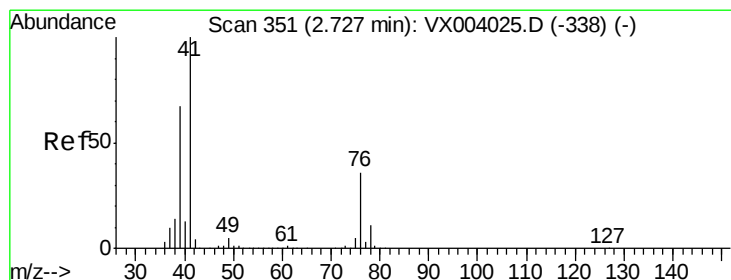
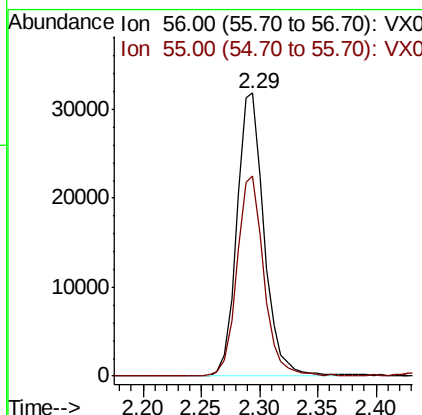
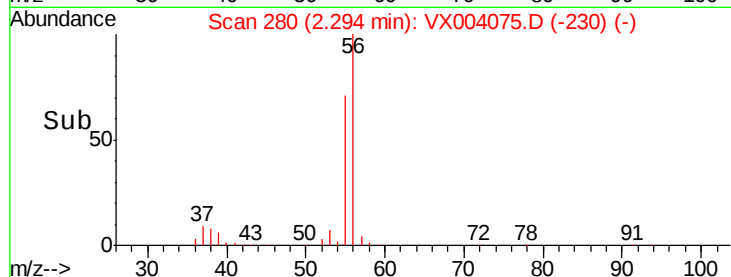
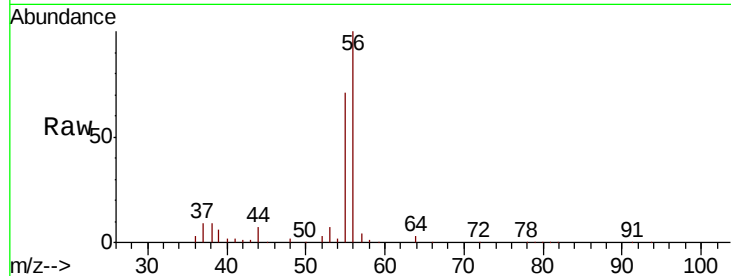
#13
Acrolein
Concen: 94.01 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.2	56.1	84.1

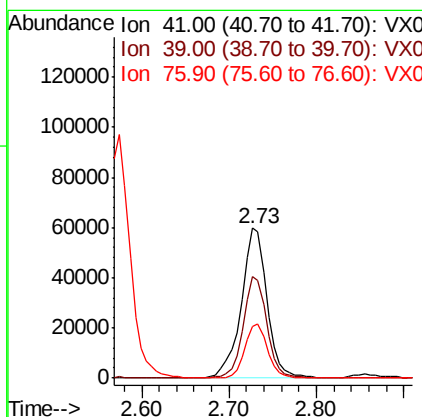
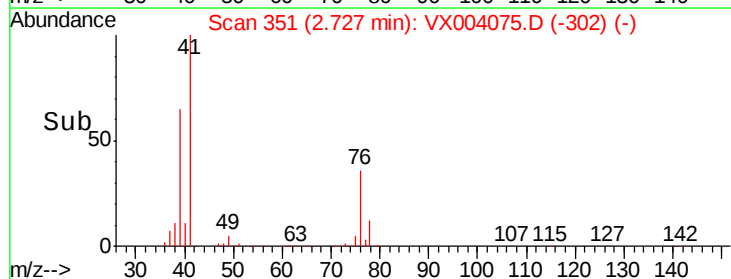
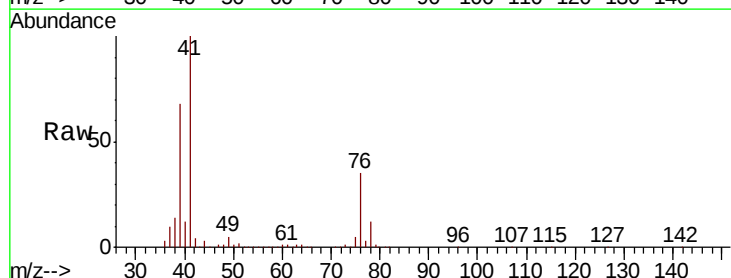
Manual Integrations
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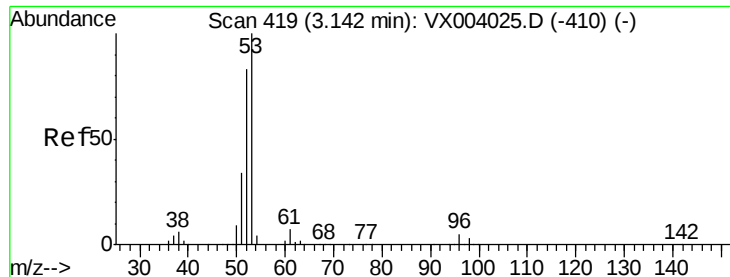
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#14
Allyl chloride
Concen: 19.63 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.0	47.4	71.0
76	32.2	26.0	39.0





#15

Acrylonitrile

Concen: 100.88 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

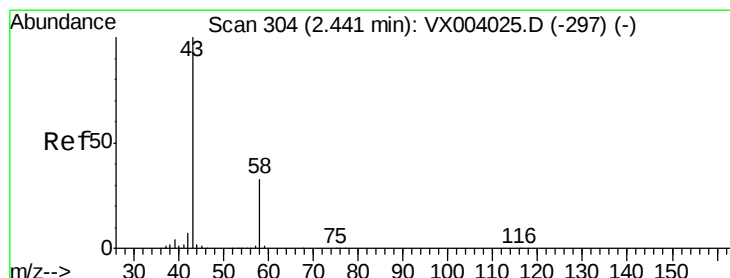
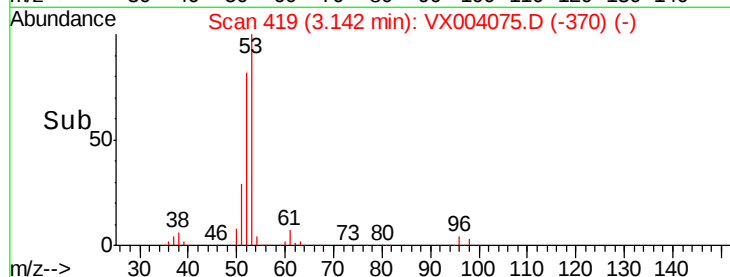
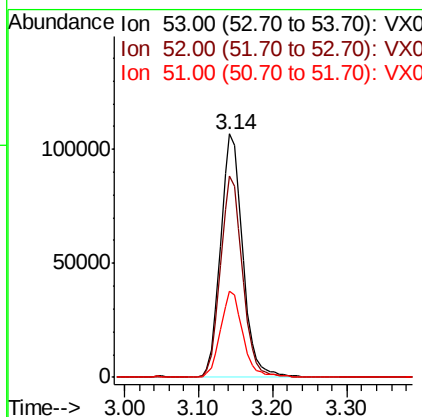
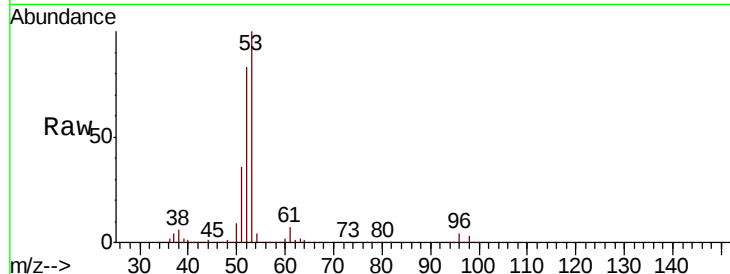
ClientSampleId :

VX0815WBS01

Tot Ion:	53	Resp:	220862
Ion Ratio	Lower	Upper	
53	100		
52	81.7	65.3	97.9
51	35.9	27.9	41.9

Manual Integrations
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#16

Acetone

Concen: 105.72 ug/l

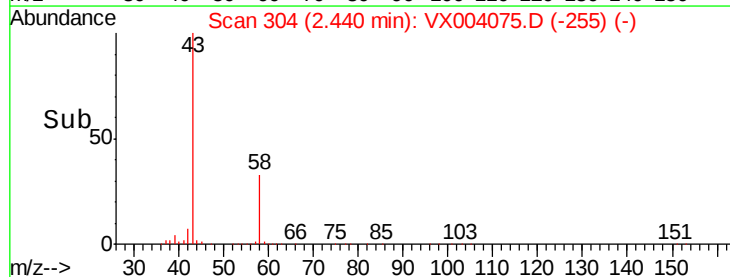
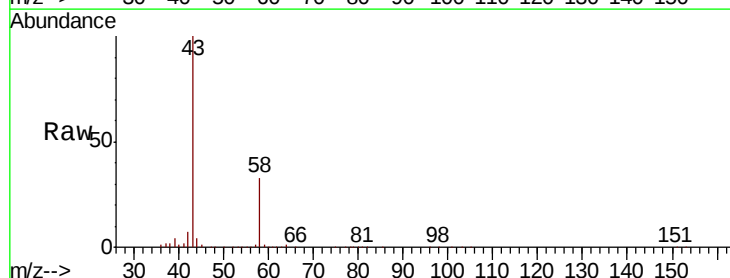
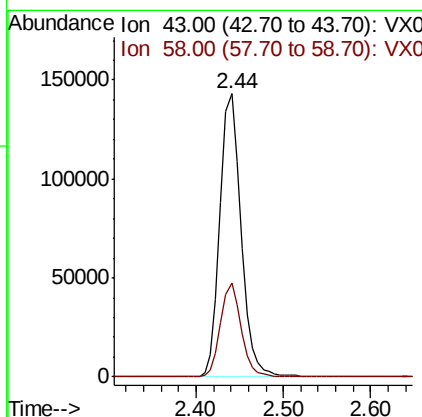
RT: 2.44 min Scan# 304

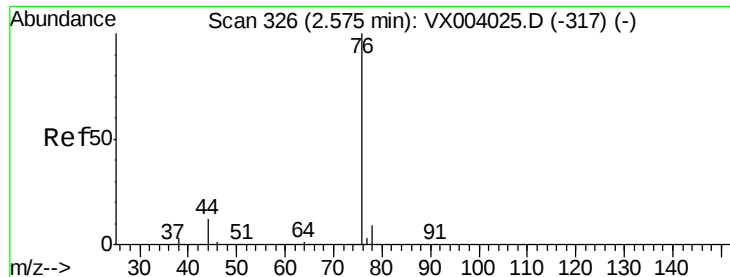
Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Tgt Ion:	43	Resp:	239693
Ion Ratio	Lower	Upper	
43	100		
58	33.3	26.4	39.6





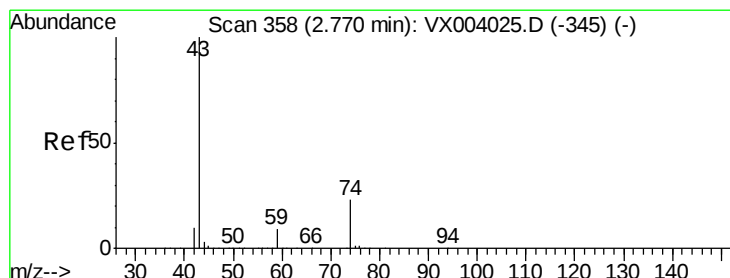
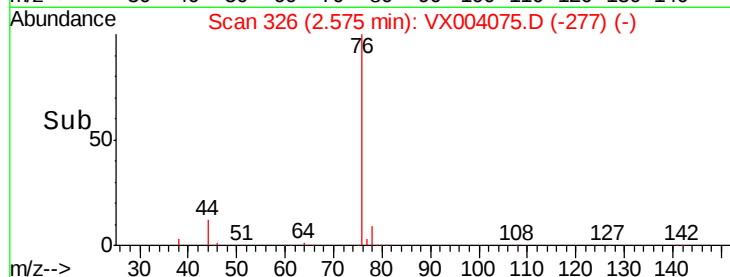
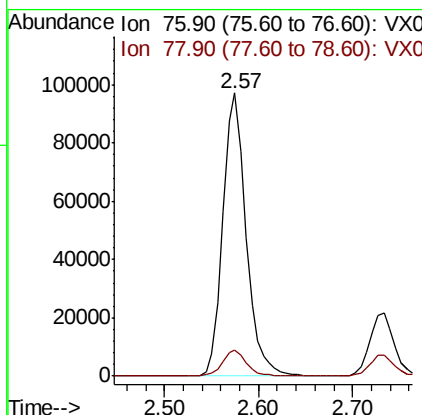
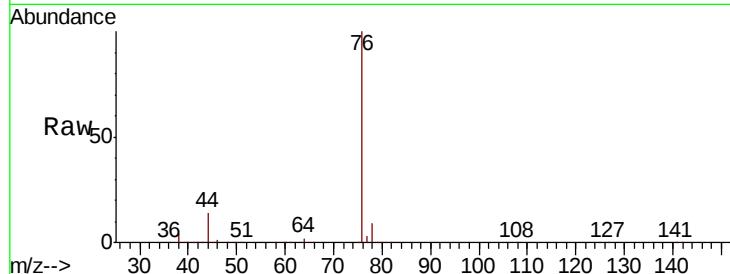
#17
Carbon Disulfide
Concen: 18.06 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.5	11.3

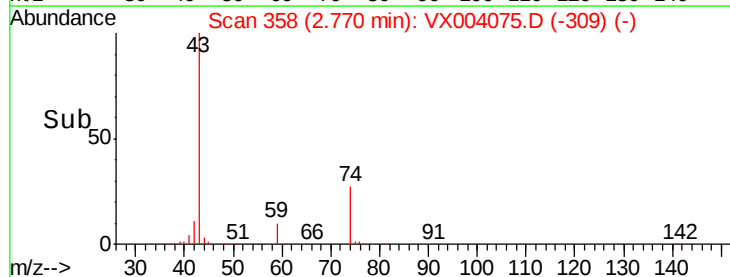
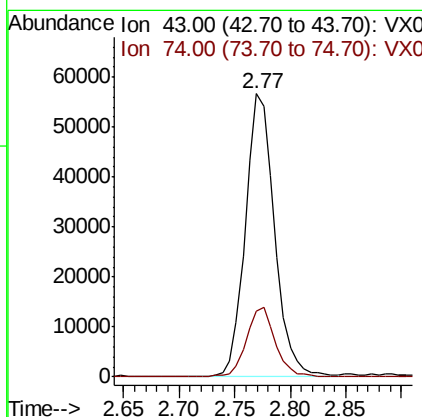
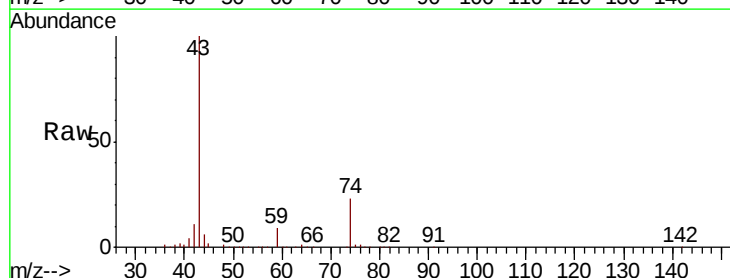
Manual Integrations
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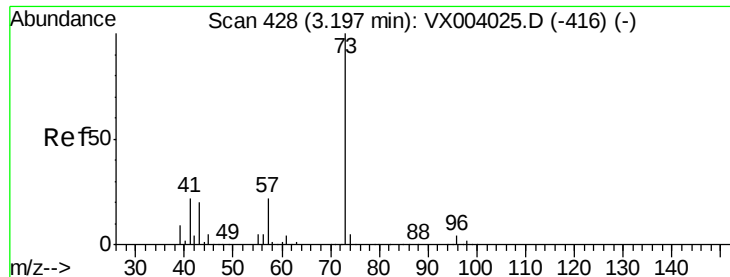
MMDadoda
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#18
Methyl Acetate
Concen: 20.42 ug/l
RT: 2.77 min Scan# 358
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.6	18.9	28.3





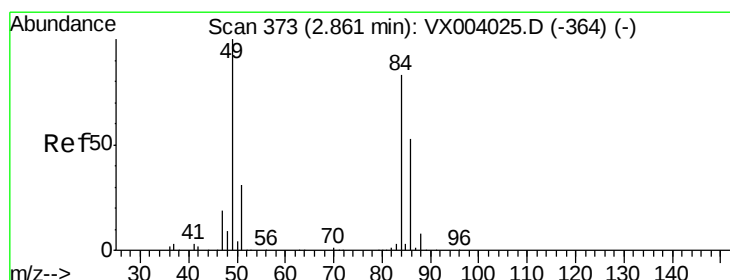
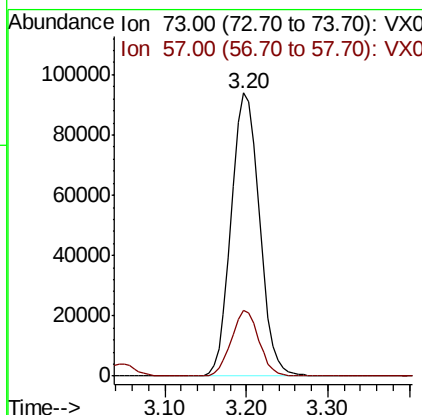
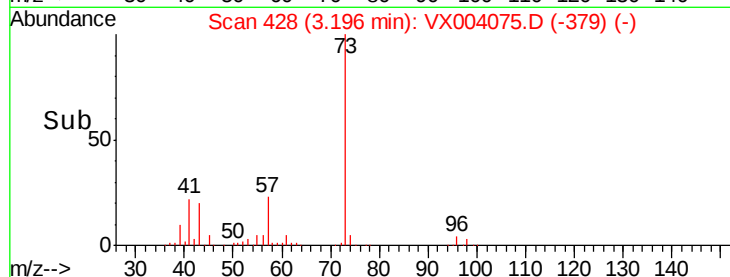
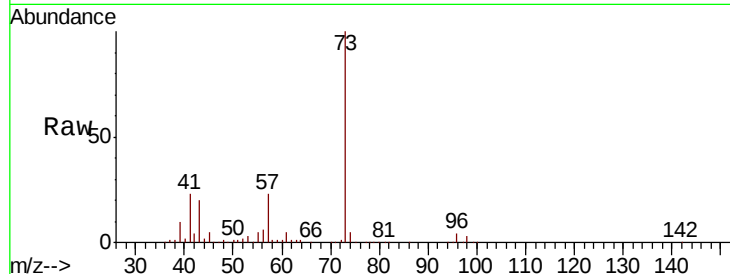
#19
Methyl tert-butyl Ether
Concen: 19.64 ug/l
RT: 3.20 min Scan# 428
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Instrument :
MSVOA_X
ClientSampled :
VX0815WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.3	18.0	27.0

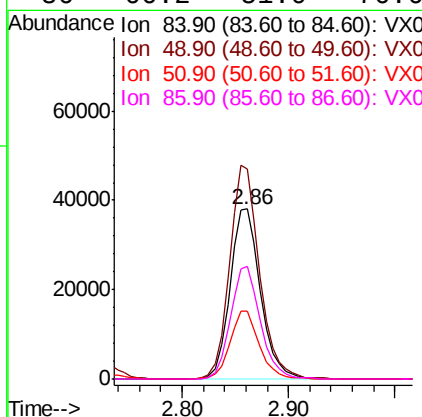
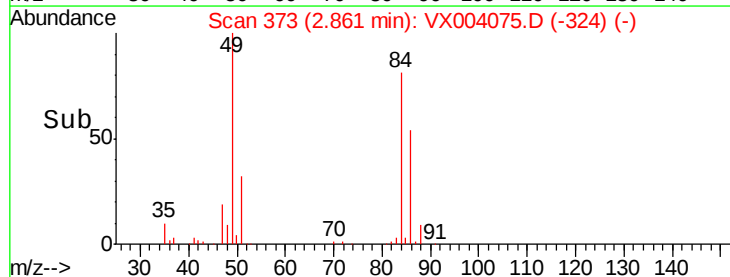
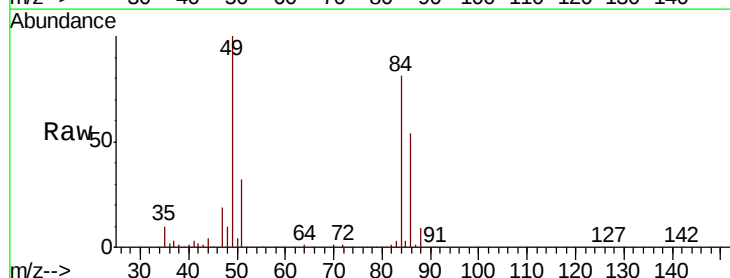
Manual Integrations
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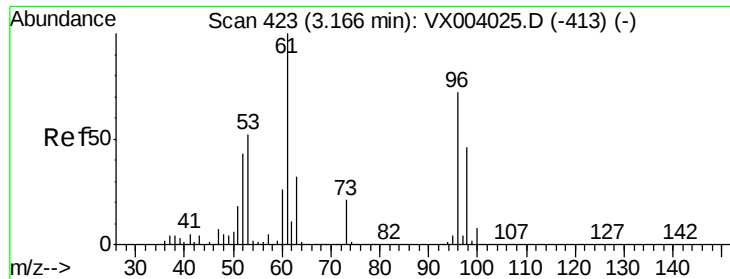
MMDadoda
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#20
Methylene Chloride
Concen: 20.23 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.5	98.9	148.3
51	39.5	29.9	44.9
86	66.2	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 19.08 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX0815WBS01

Tot Ion: 96 Resp: 70553

Ion Ratio Lower Upper

96 100

61 138.3 111.8 167.6

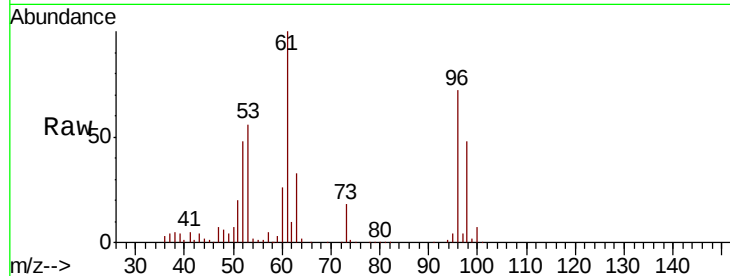
98 65.7 51.8 77.6

Manual Integrations

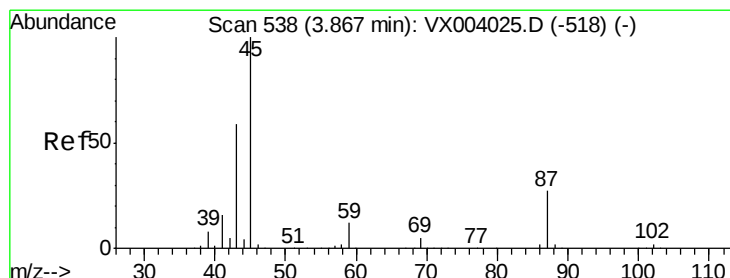
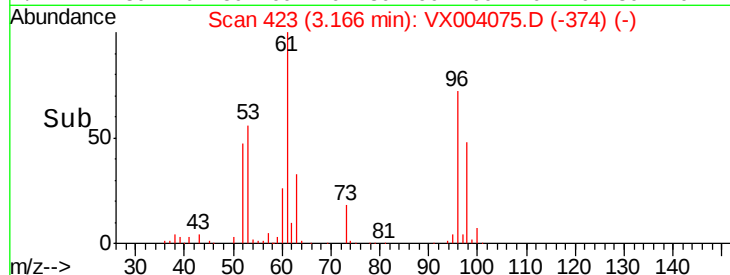
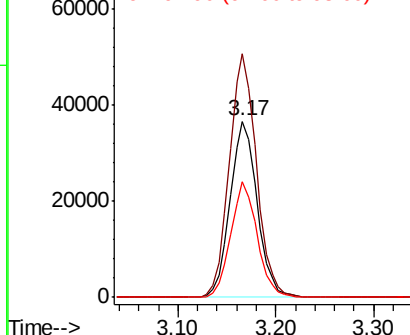
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Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.60 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Tgt Ion: 45 Resp: 237924

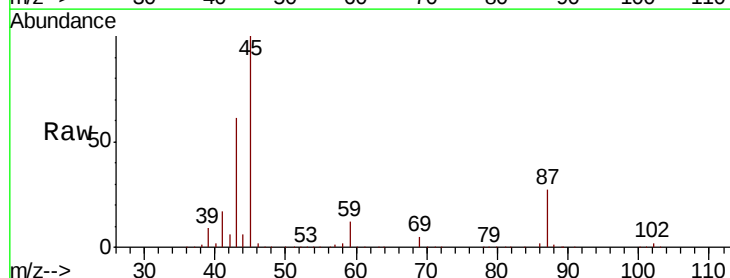
Ion Ratio Lower Upper

45 100

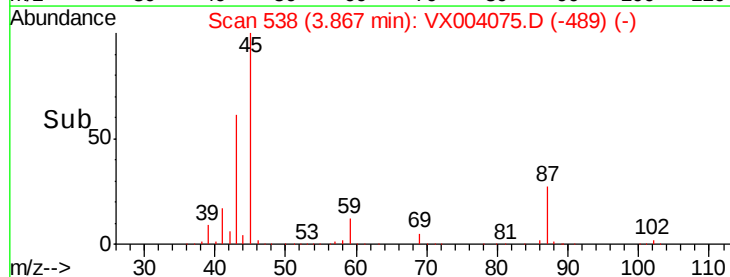
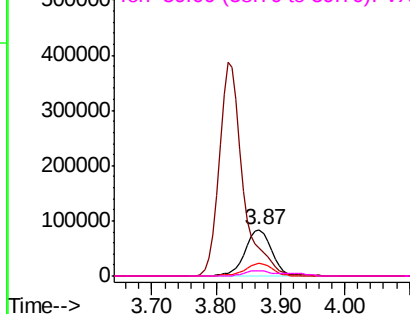
43 60.6 45.3 67.9

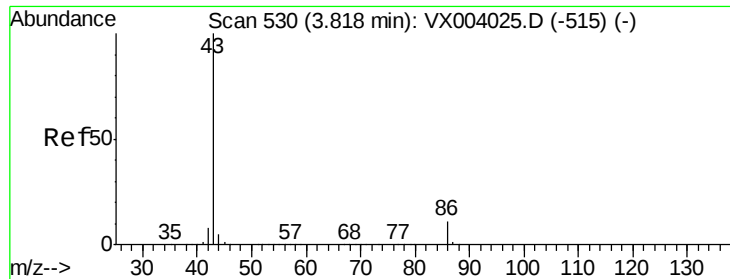
87 27.4 22.7 34.1

59 11.9 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 100.86 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX0815WBS01

Tot Ion: 43 Resp: 1005642

Ion Ratio Lower Upper

43 100

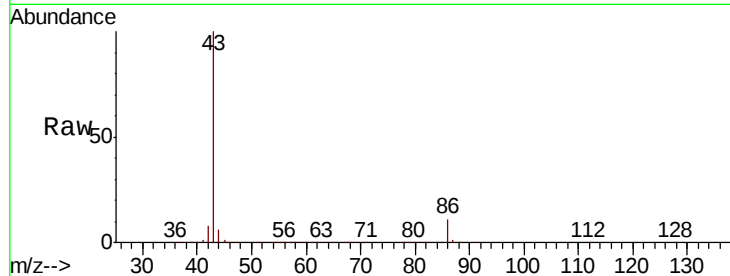
86 10.6 8.9 13.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

400000

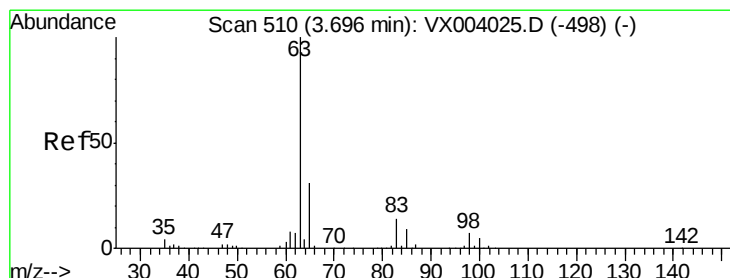
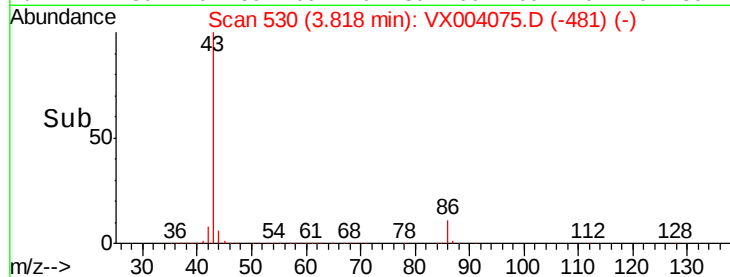
300000

200000

100000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 19.46 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

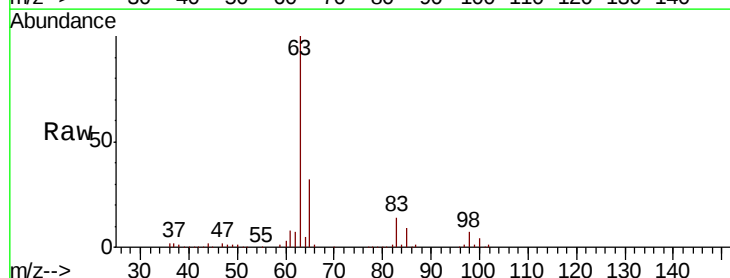
Tgt Ion: 63 Resp: 133781

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.5

100 4.4 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

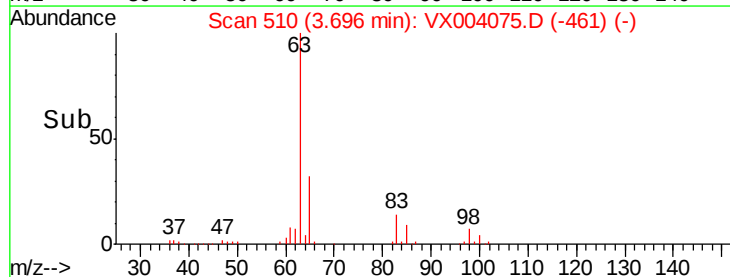
60000

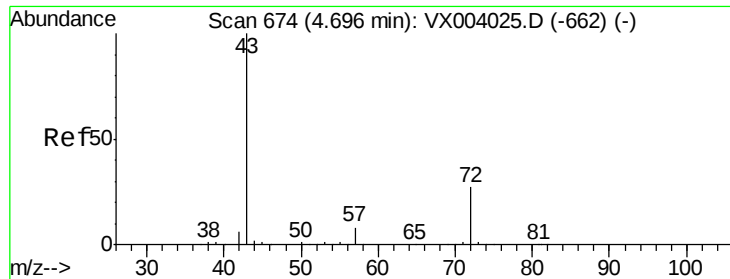
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 103.20 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX0815WBS01

Tot Ion: 43 Resp: 380681

Ion Ratio Lower Upper

43 100

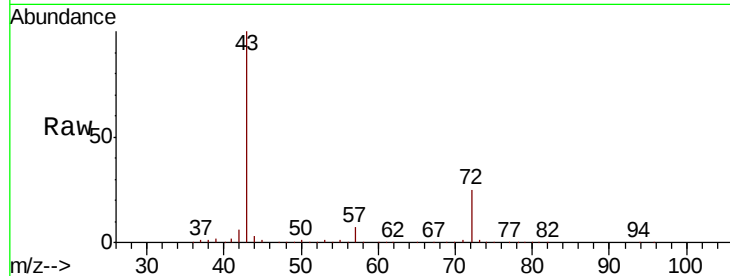
72 25.4 21.4 32.0

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

150000

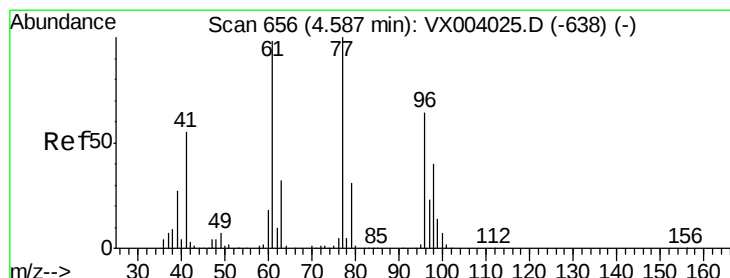
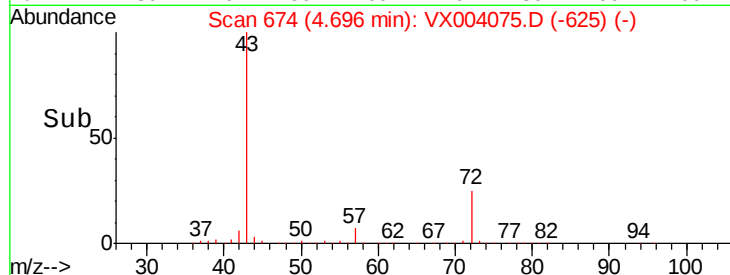
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 19.22 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX004075.D

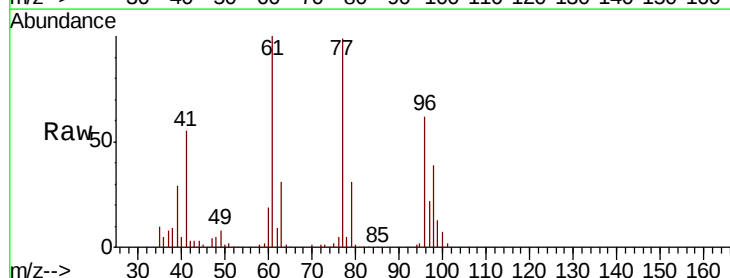
Acq: 15 Aug 2018 16:27

Tgt Ion: 77 Resp: 105045

Ion Ratio Lower Upper

77 100

97 23.1 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

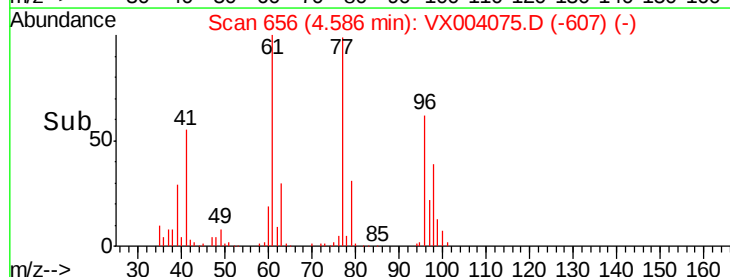
20000

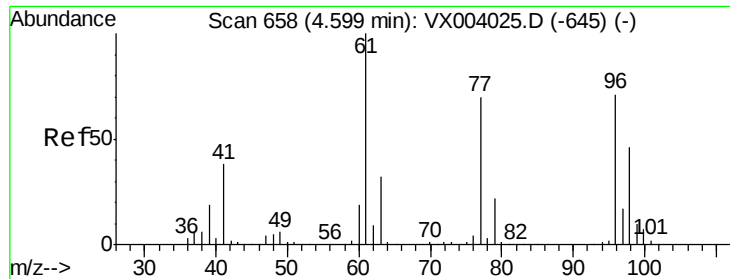
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

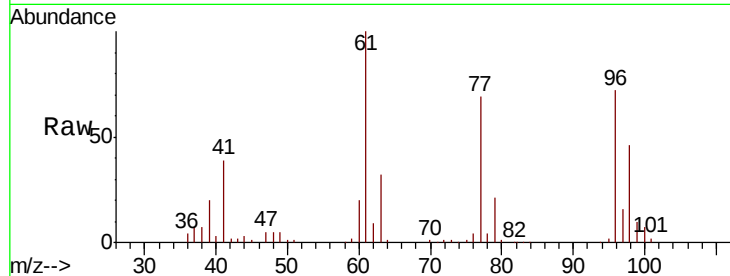
cis-1,2-Dichloroethene
Concen: 19.22 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

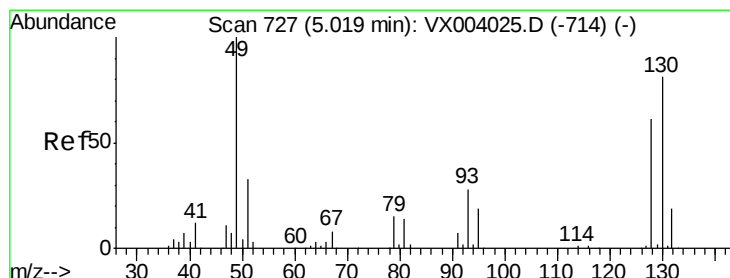
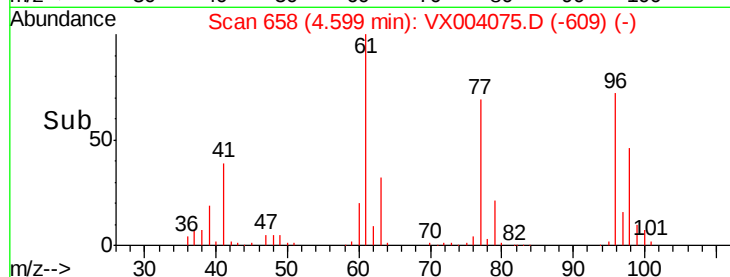
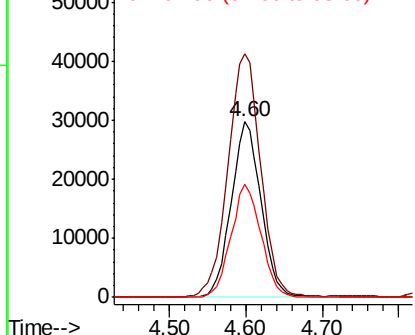
Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	153.0	0.0	293.0	
98	65.0	0.0	131.8	

Manual Integrations
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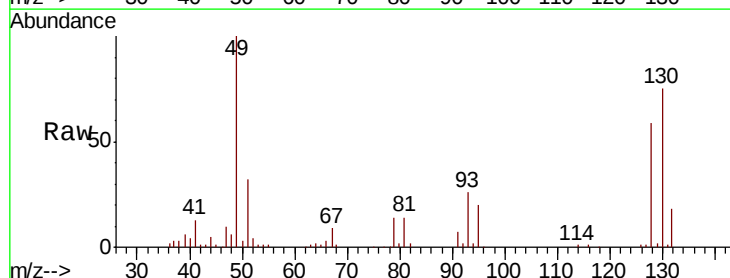
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



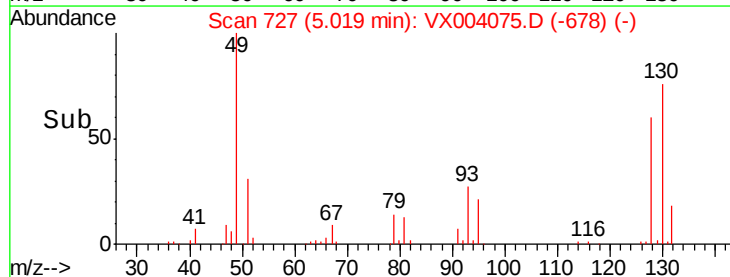
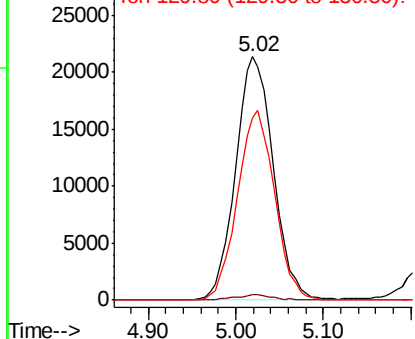
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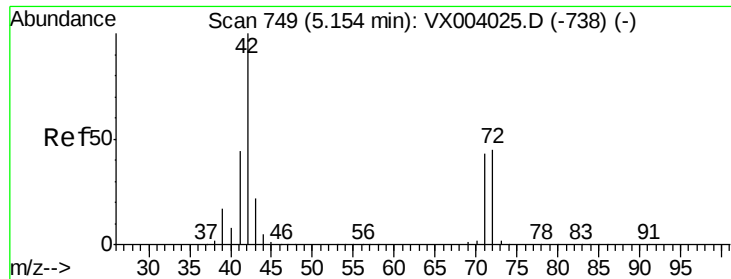
Bromochloromethane
Concen: 20.30 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.9	0.0	4.2	
130	76.8	66.5	99.7	



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





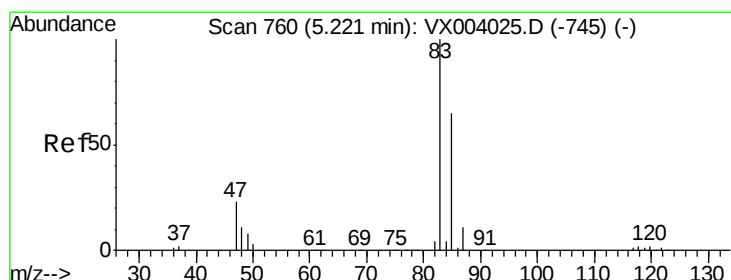
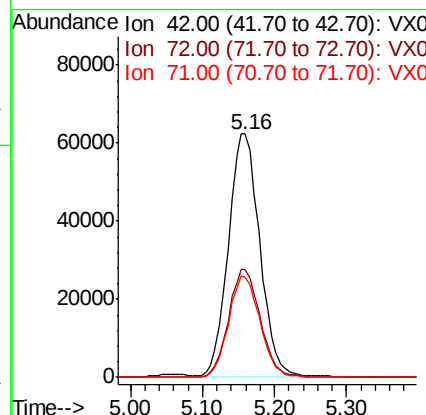
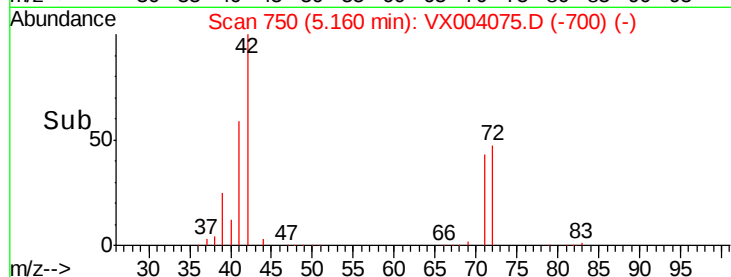
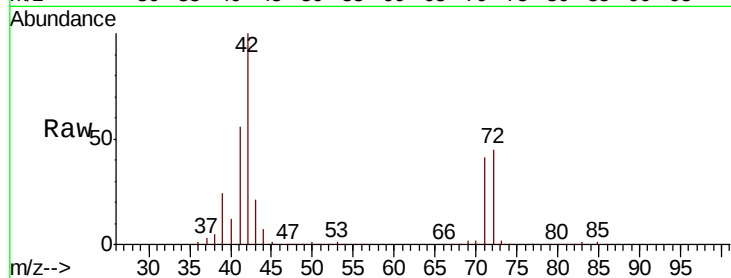
#29
Tetrahydrofuran
Concen: 100.05 ug/l
RT: 5.16 min Scan# 750
Delta R.T. 0.01 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.2	37.7	56.5
71	41.9	35.0	52.6

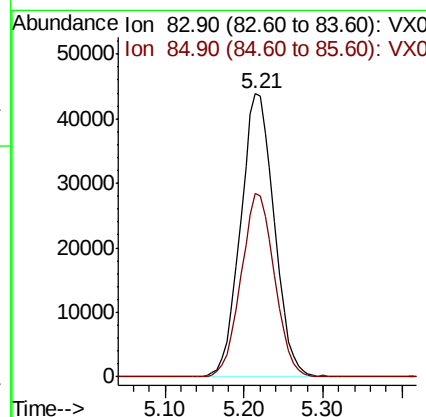
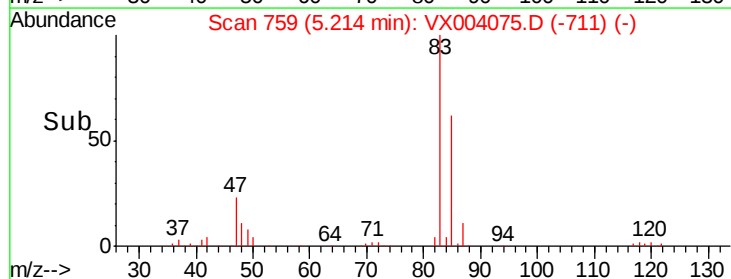
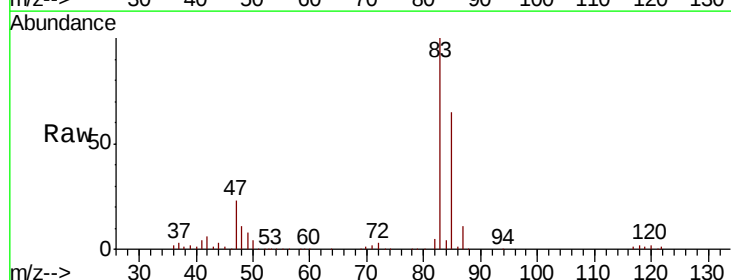
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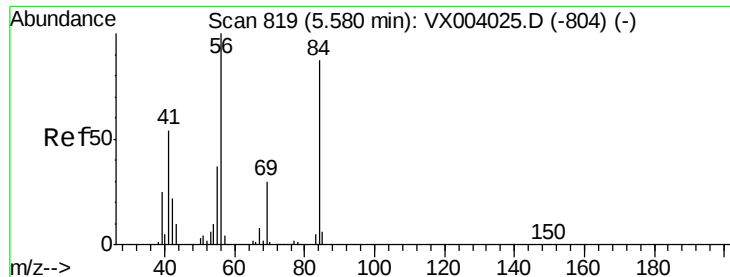
MMDadoda
8/16/2018 4:39:10 PM



#30
Chloroform
Concen: 19.40 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.7	76.1





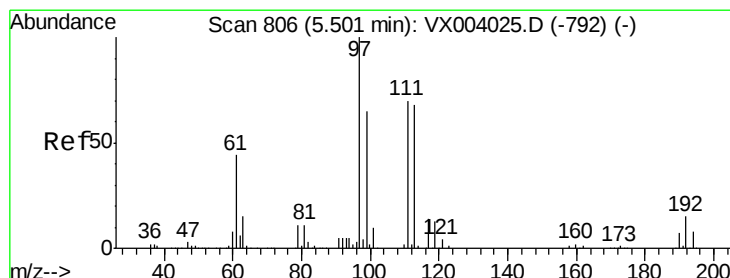
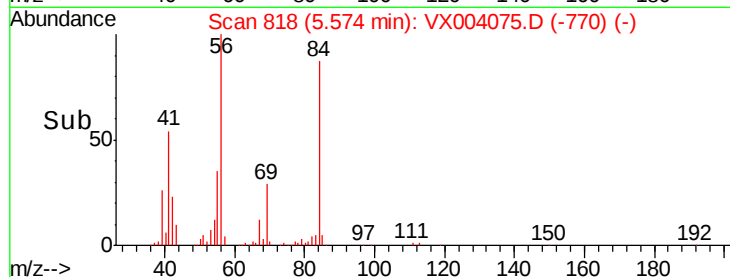
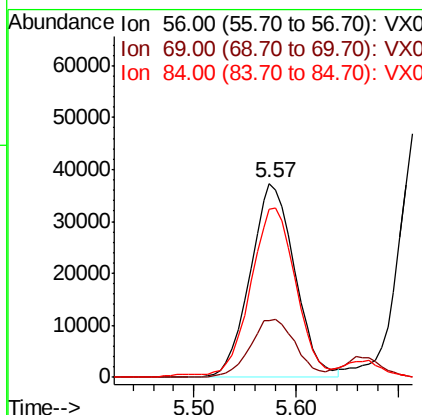
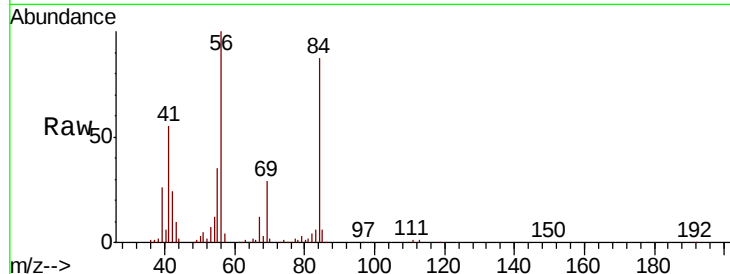
#31
Cyclohexane
Concen: 18.78 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.4	24.9	37.3
84	85.6	71.7	107.5

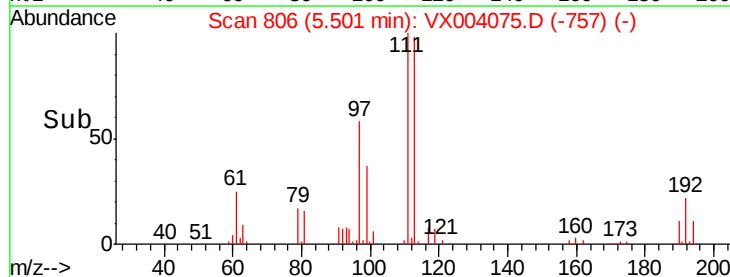
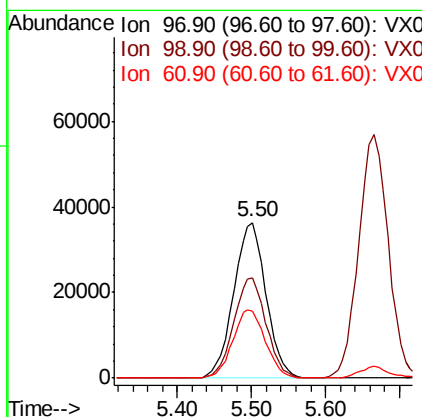
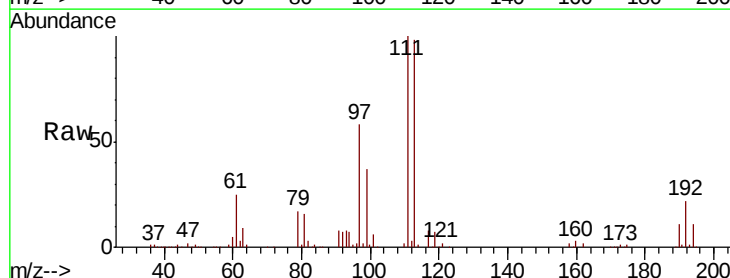
Manual Integrations
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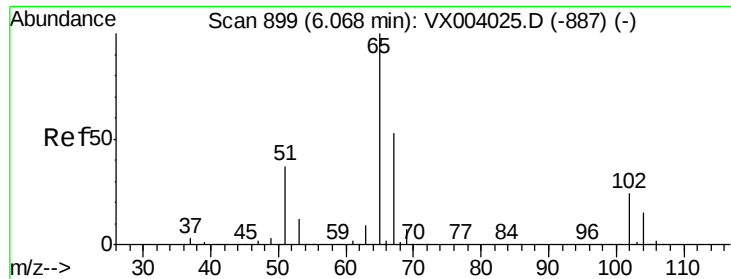
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#32
1,1,1-Trichloroethane
Concen: 19.70 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.8	77.8
61	44.6	34.4	51.6





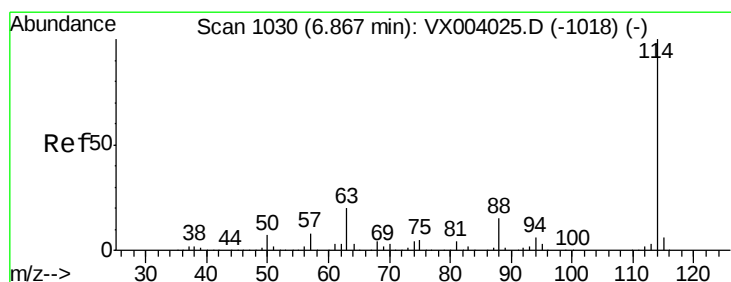
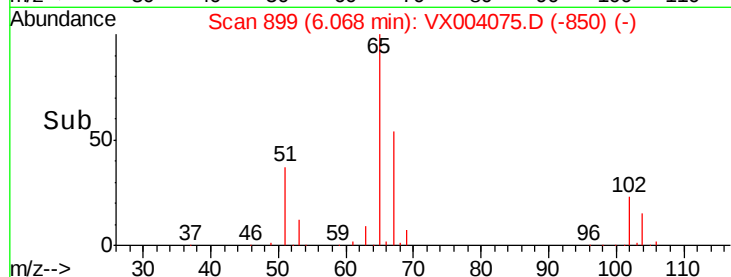
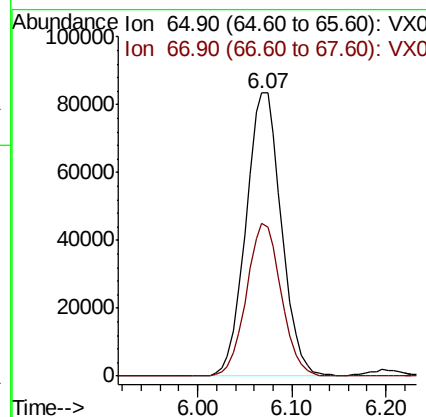
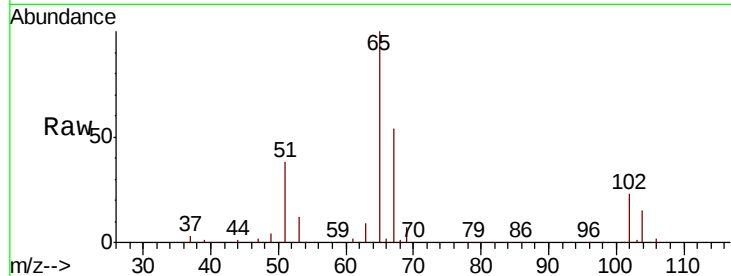
#33
 1,2-Dichloroethane-d4
 Concen: 50.50 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	220188		
67	53.0	0.0	105.8	

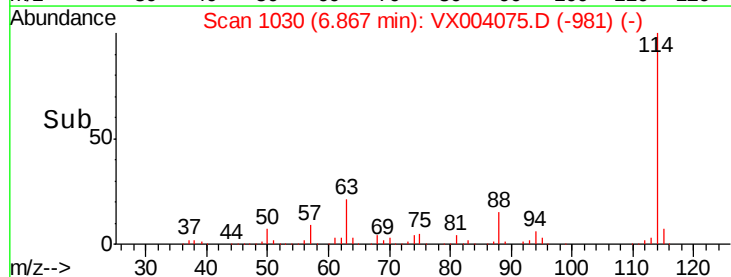
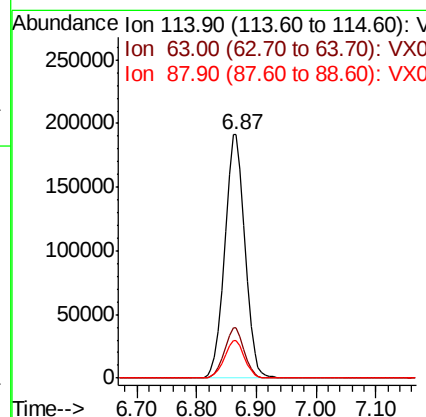
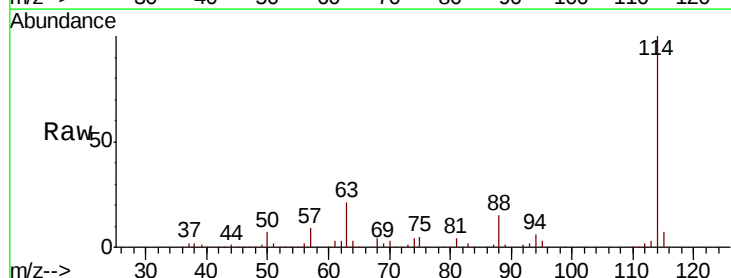
Manual Integrations
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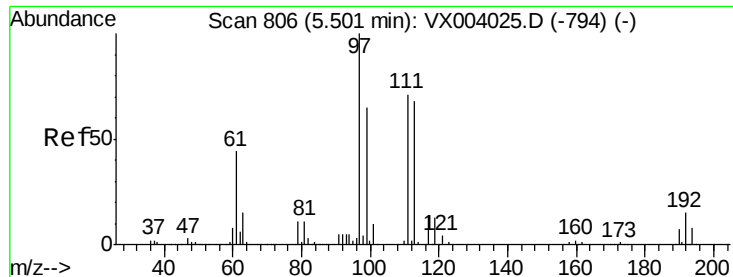
MMDadoda
 8/16/2018 4:39:10 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	451402		
63	20.6	0.0	39.0	
88	15.4	0.0	32.0	





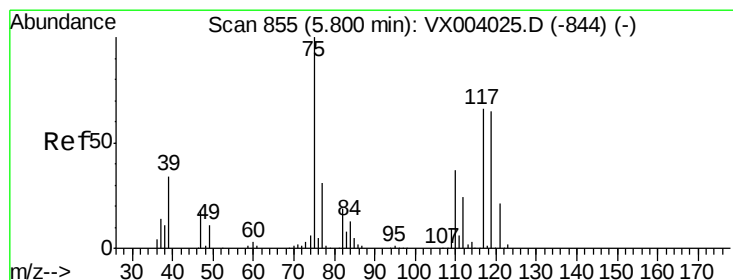
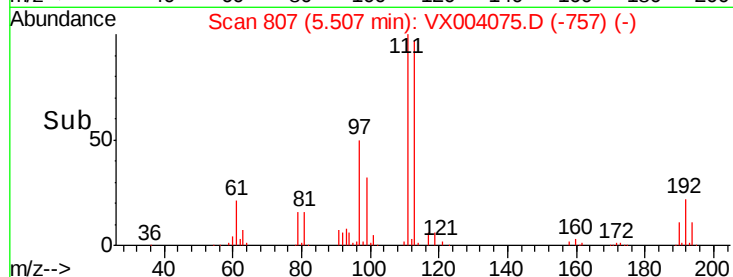
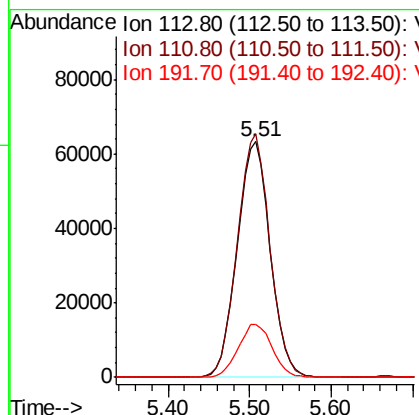
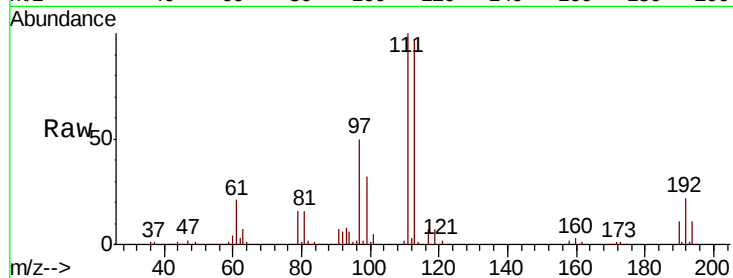
#35
 Dibromofluoromethane
 Concen: 52.41 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	177072		
111	101.9	82.0	123.0	
192	23.2	19.0	28.4	

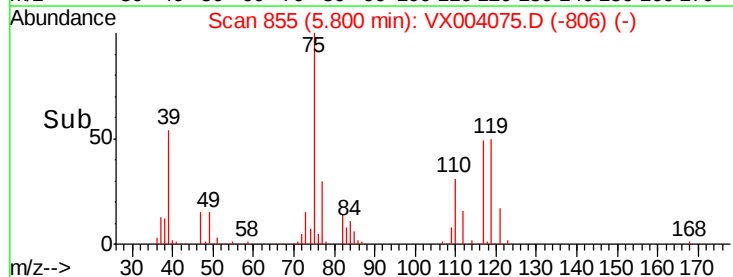
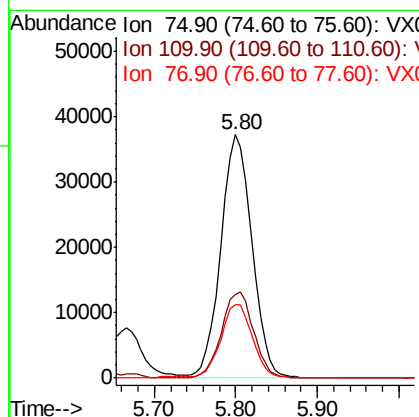
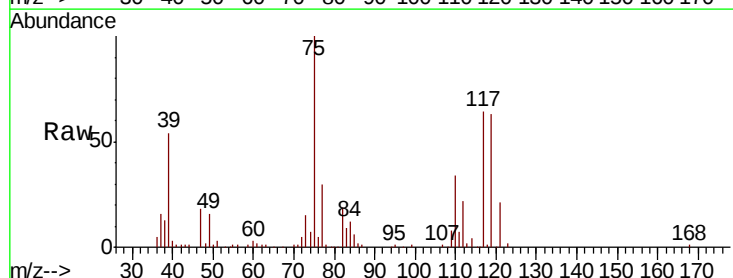
Manual Integrations
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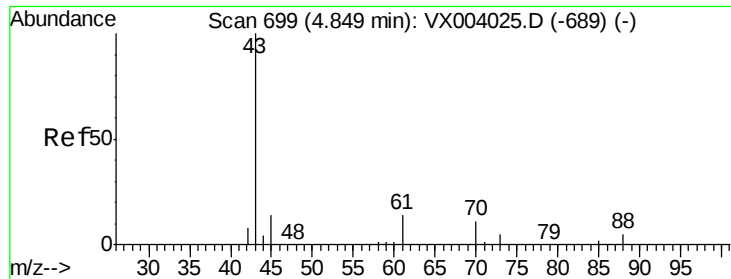
MMDadoda
 8/16/2018 4:39:10 PM



#36
 1,1-Dichloropropene
 Concen: 19.27 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	98996		
110	36.1	18.2	54.6	
77	30.8	25.0	37.4	





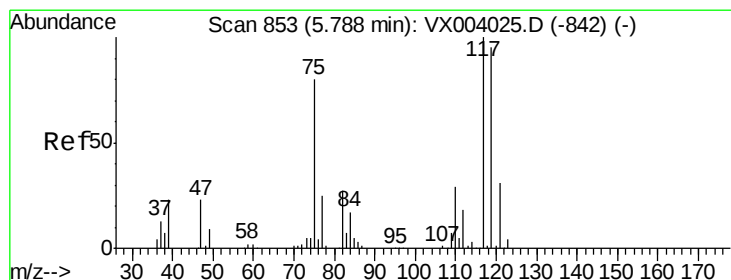
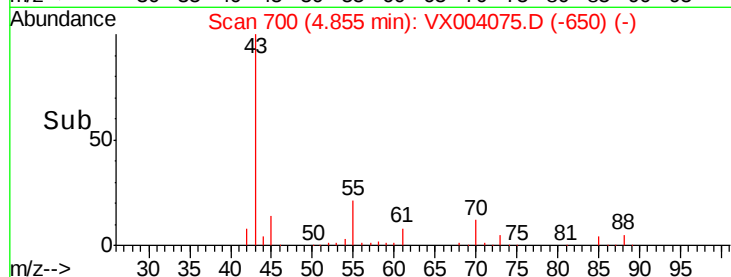
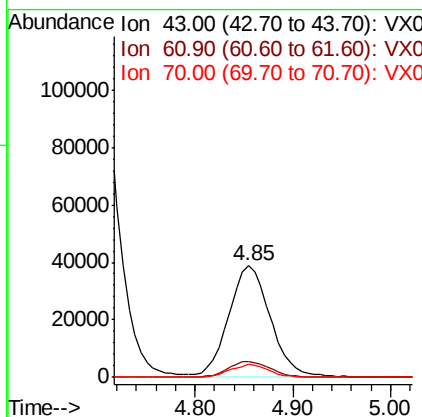
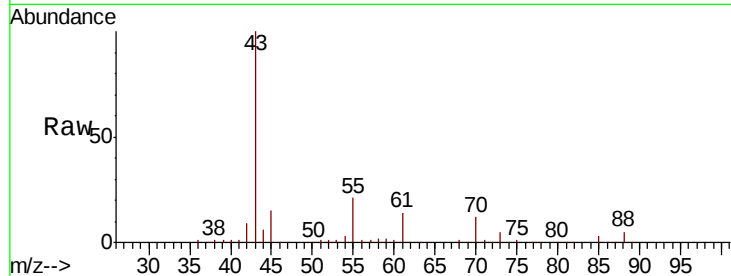
#37
Ethyl Acetate
Concen: 20.14 ug/l
RT: 4.85 min Scan# 700
Delta R.T. 0.01 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.5	17.3
70	11.1	9.0	13.4

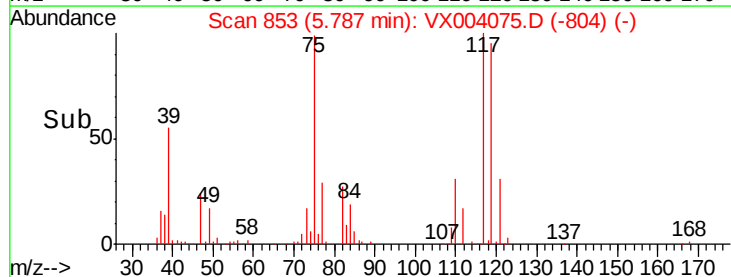
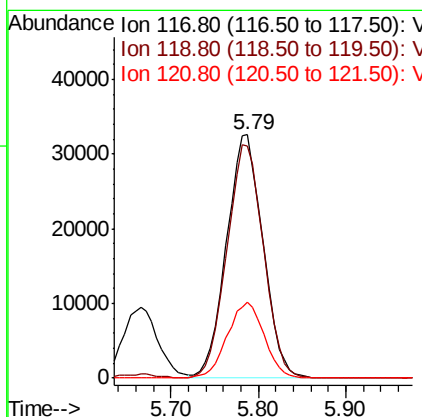
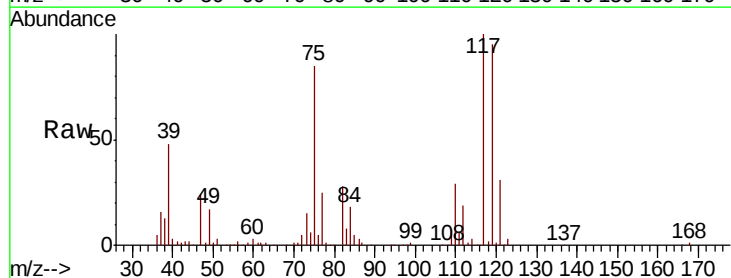
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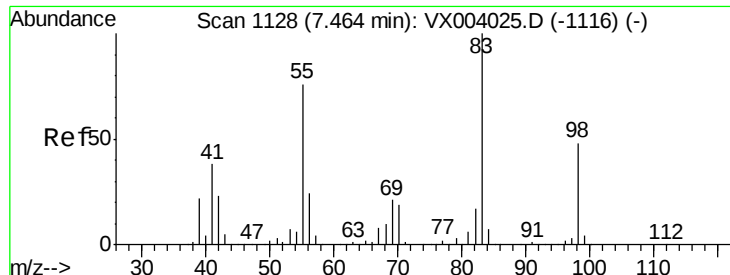
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#38
Carbon Tetrachloride
Concen: 18.93 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	79.5	119.3
121	31.0	25.0	37.4





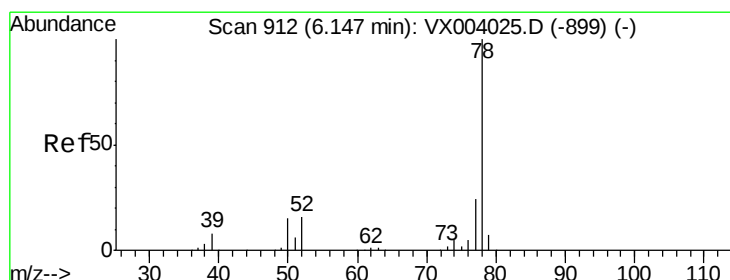
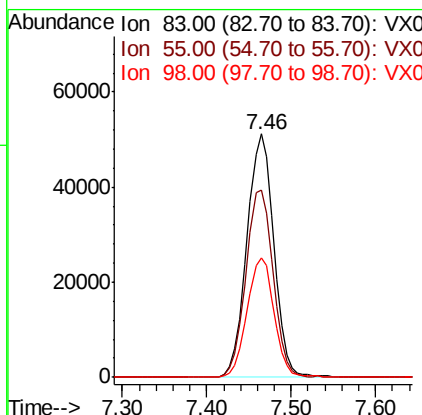
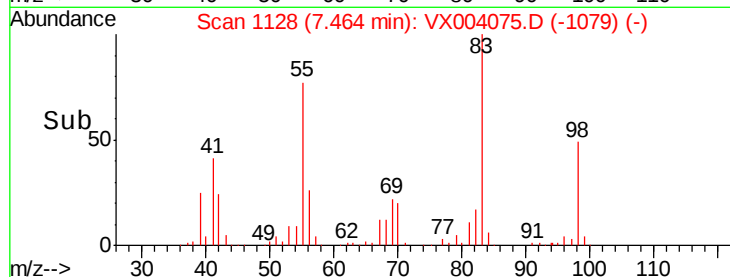
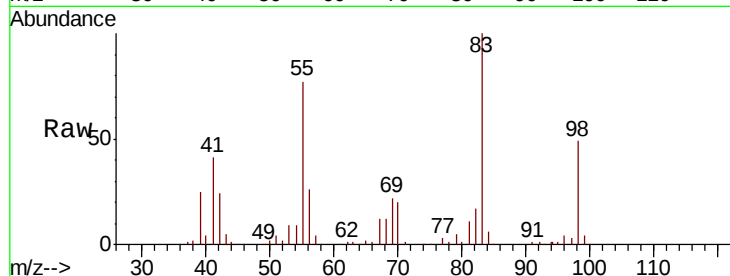
#39
Methylvlcyclohexane
Concen: 18.97 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	76.9	61.0	91.6	
98	49.0	38.6	57.8	

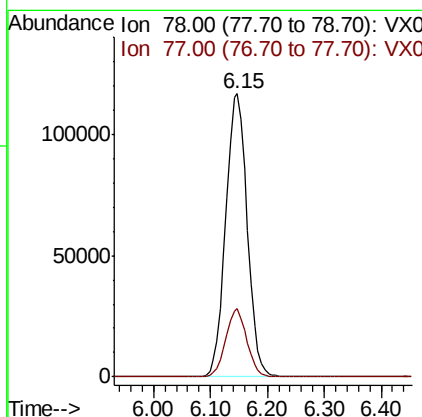
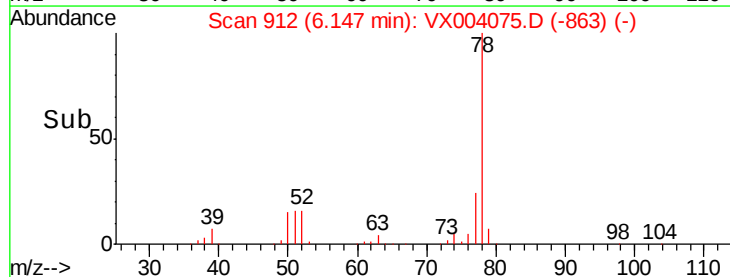
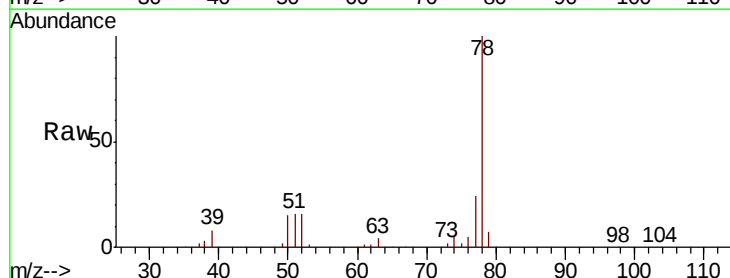
Manual Integrations
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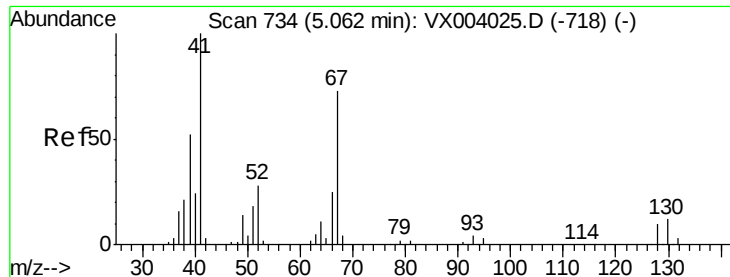
MMDadoda
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#40
Benzene
Concen: 19.96 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

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





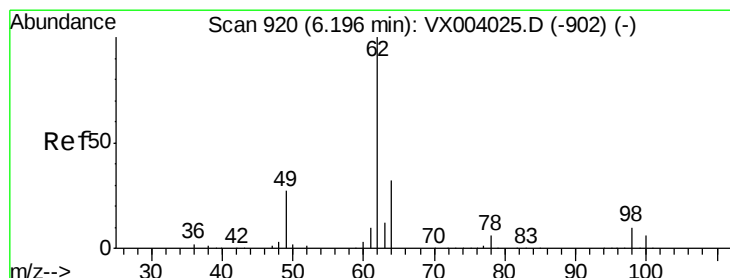
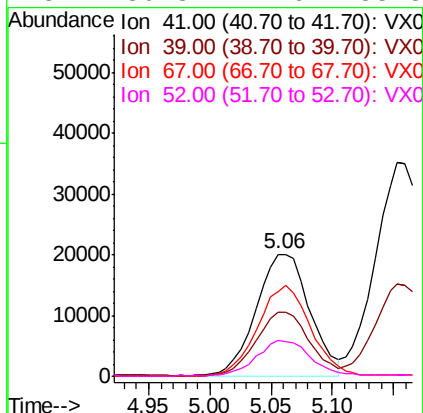
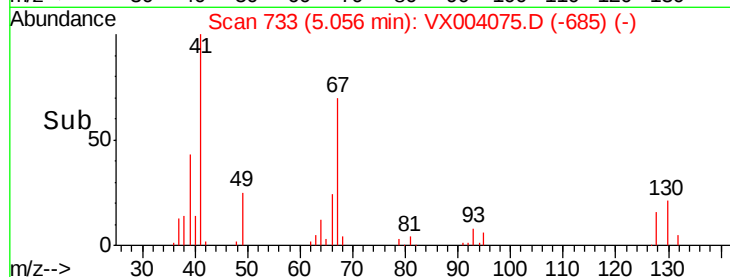
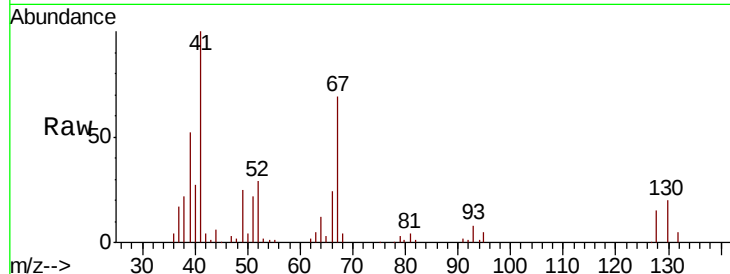
#41
Methacrylonitrile
Concen: 19.51 ug/l
RT: 5.06 min Scan# 733
Delta R.T. -0.01 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tot Ion:	41	Resp:	61132
Ion	Ratio	Lower	Upper
41	100		
39	52.1	42.7	64.1
67	74.1	58.9	88.3
52	30.3	22.6	33.8

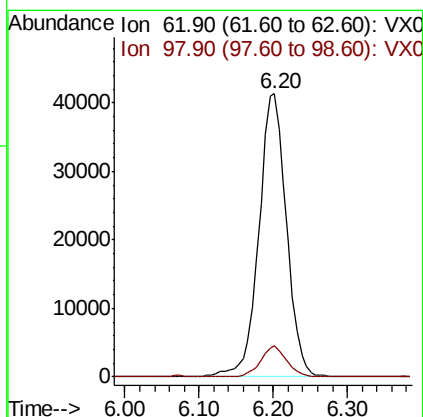
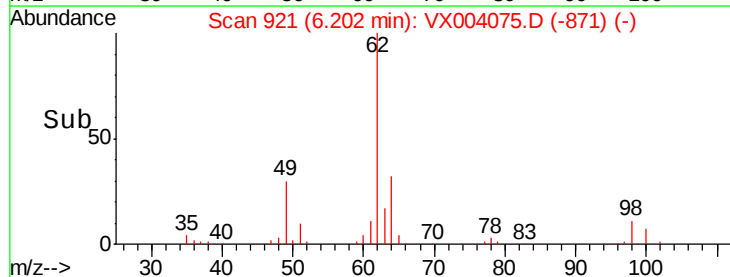
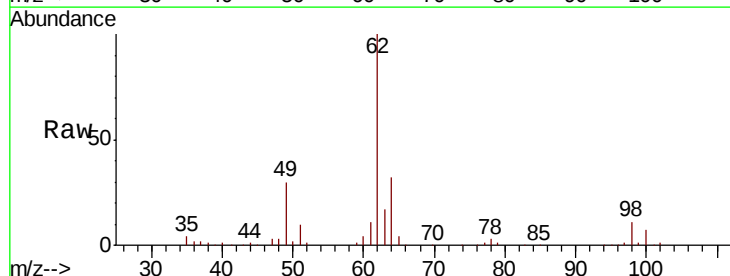
Manual Integrations
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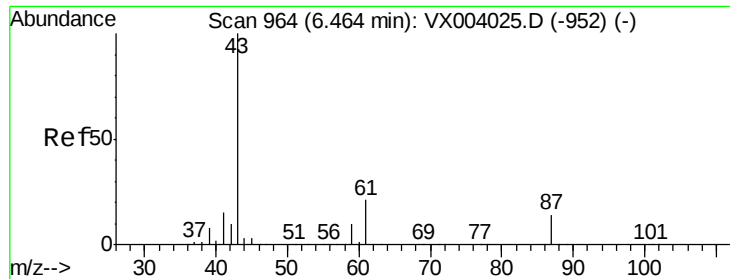
MMDadoda
8/16/2018 4:39:10 PM



#42
1,2-Dichloroethane
Concen: 19.75 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.01 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Tgt Ion:	62	Resp:	106619
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4





#43

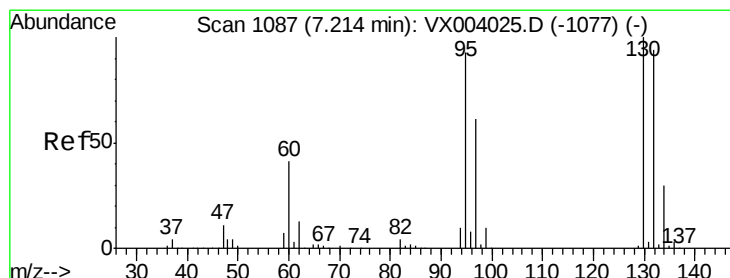
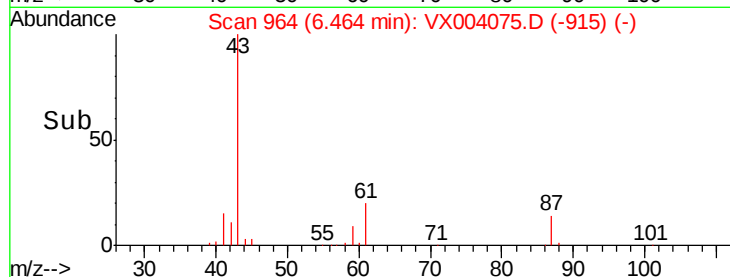
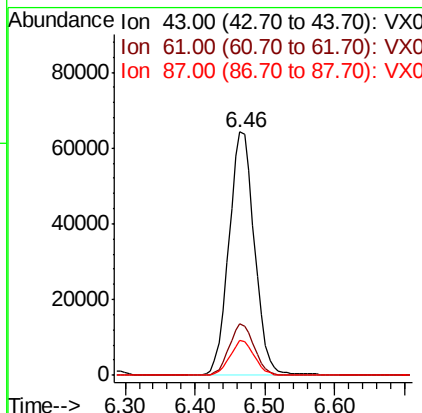
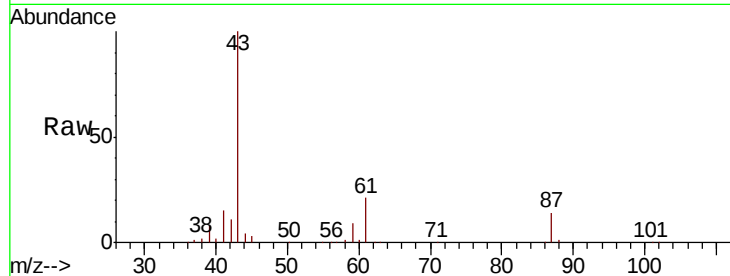
Isopropyl Acetate
 Concen: 19.76 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.9	25.3
87	13.8	11.3	16.9

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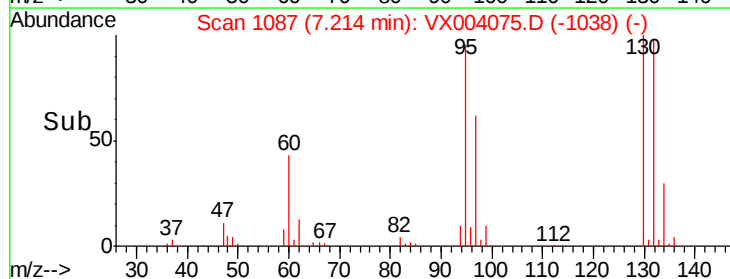
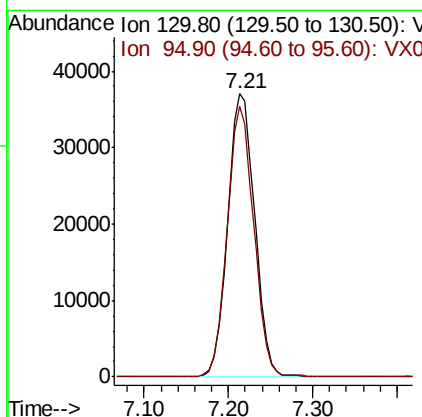
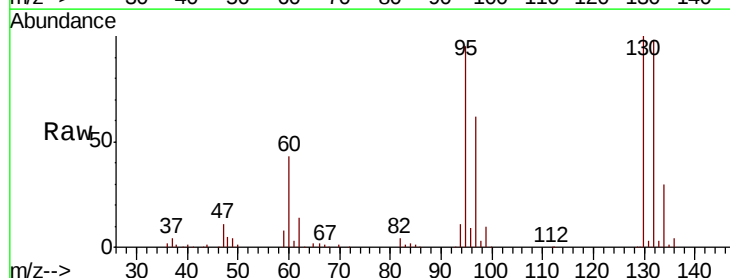
MMDadoda
 8/16/2018 4:39:10 PM

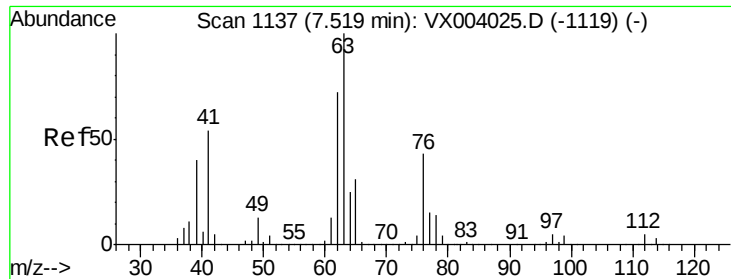


#44

Trichloroethene
 Concen: 19.22 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	199.4





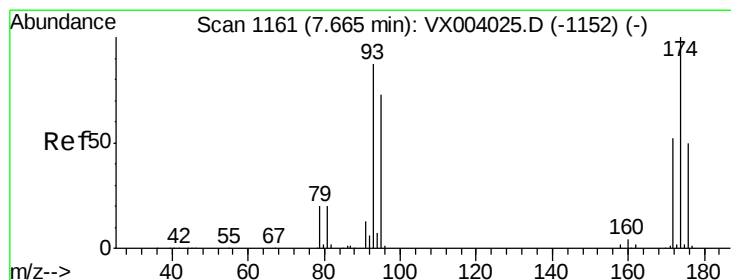
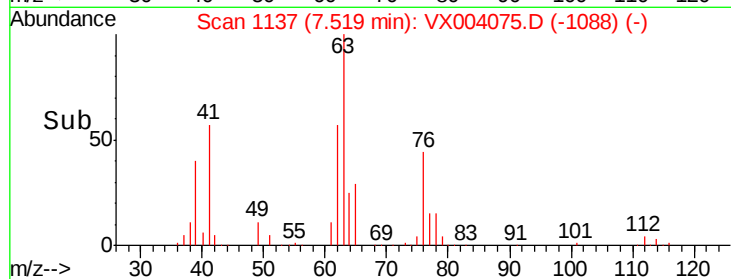
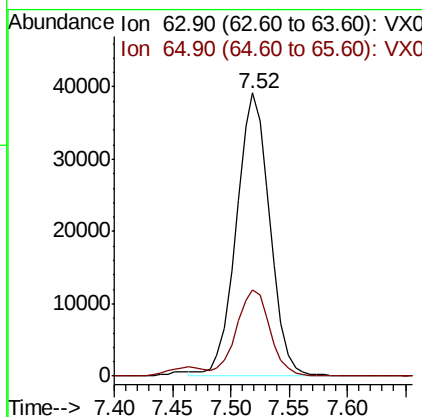
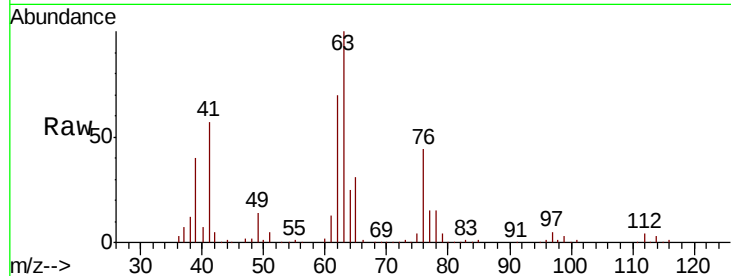
#45
 1,2-Dichloropropane
 Concen: 19.59 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS01

Tot Ion: 63 Resp: 77367
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.6 36.8

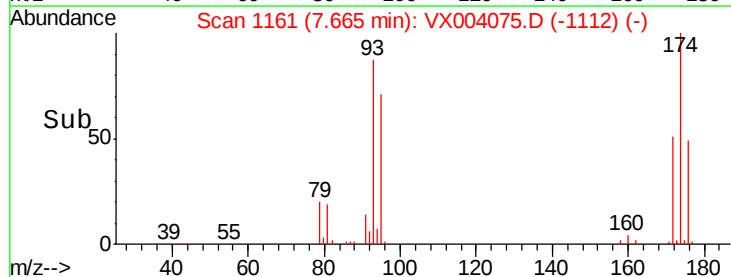
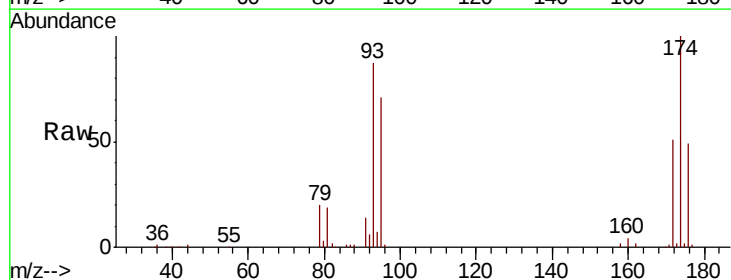
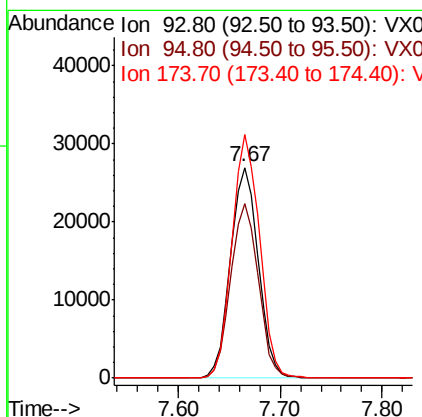
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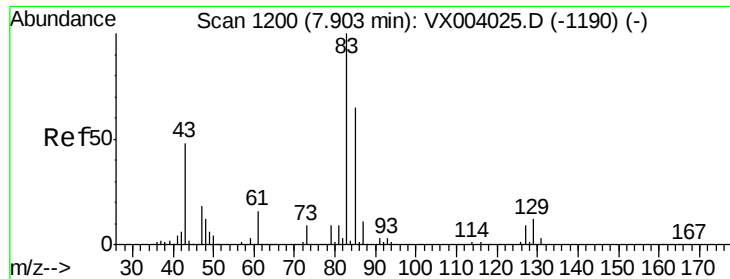
MMDadoda
 8/16/2018 4:39:10 PM



#46
 Dibromomethane
 Concen: 19.76 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Tgt Ion: 93 Resp: 50984
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.4 99.6
 174 114.3 94.3 141.5





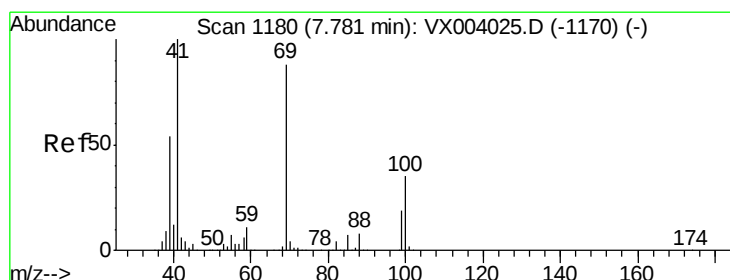
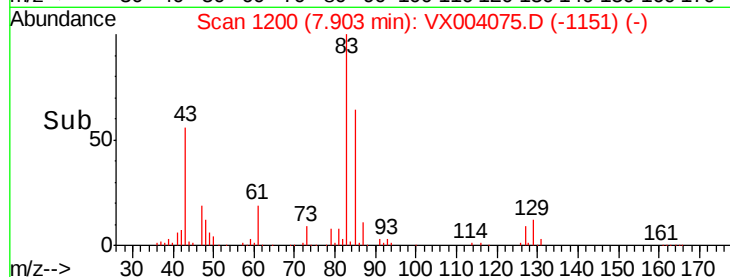
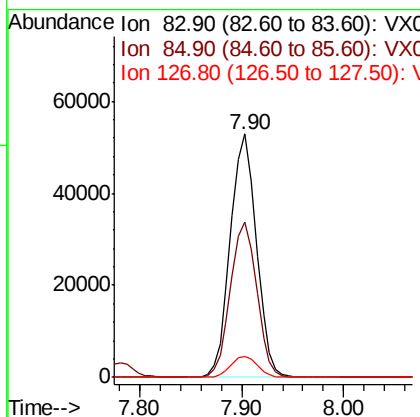
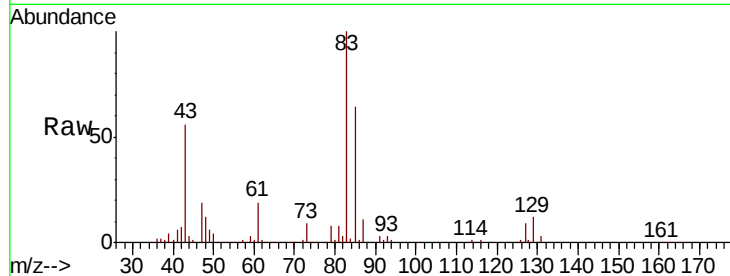
#47
 Bromodichloromethane
 Concen: 19.21 ug/l
 RT: 7.90 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS01

Tot Ion	83	Resp	93898
Ion Ratio	Lower	Upper	
83	100		
85	63.6	51.2	76.8
127	8.6	7.2	10.8

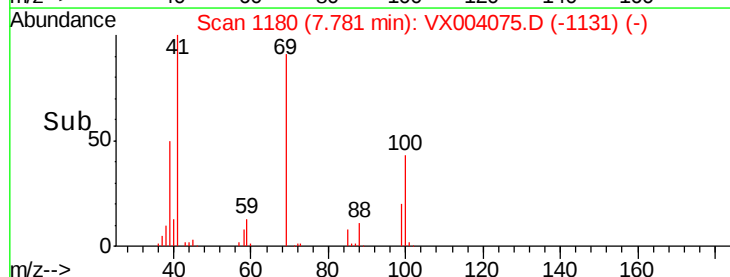
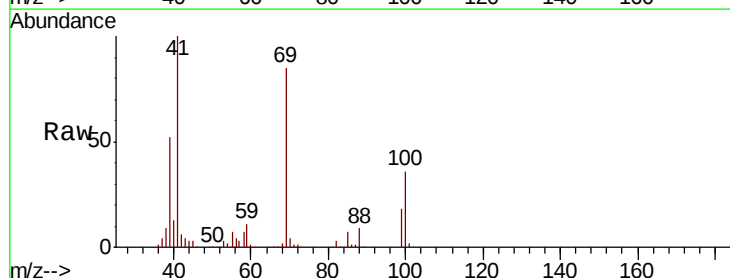
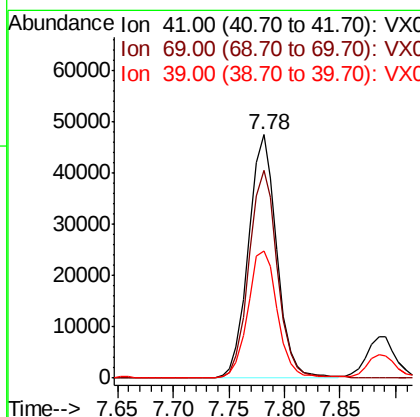
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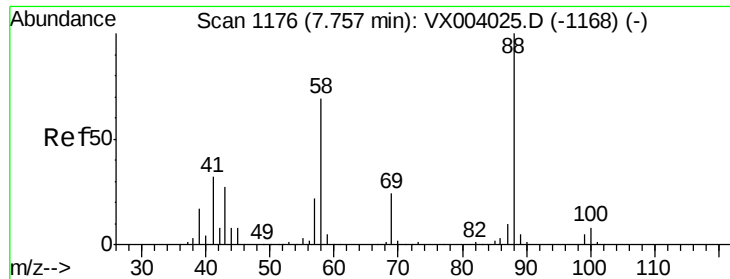
MMDadoda
 8/16/2018 4:39:10 PM



#48
 Methyl methacrylate
 Concen: 20.20 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Tgt Ion	41	Resp	83827
Ion Ratio	Lower	Upper	
41	100		
69	86.6	68.8	103.2
39	54.6	42.3	63.5





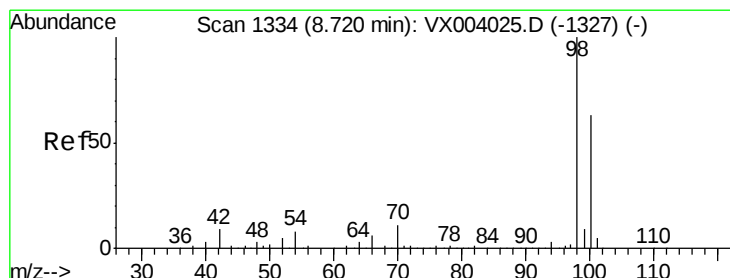
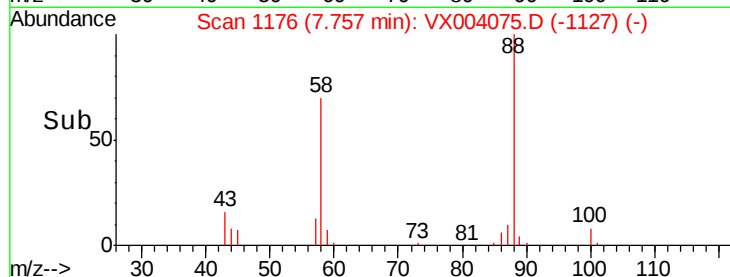
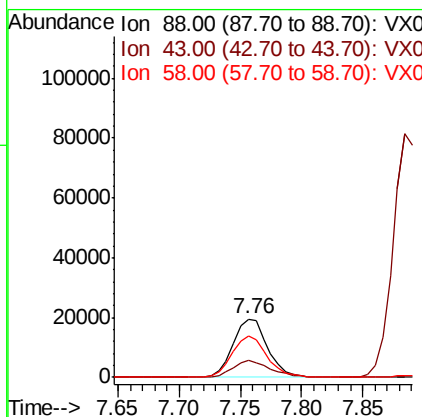
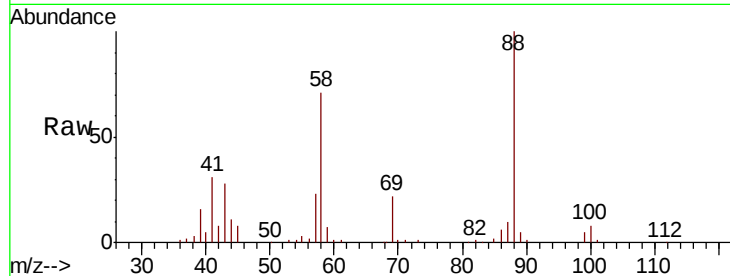
#49
 1,4-Dioxane
 Concen: 407.94 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.0	23.8	35.8
58	71.4	55.4	83.0

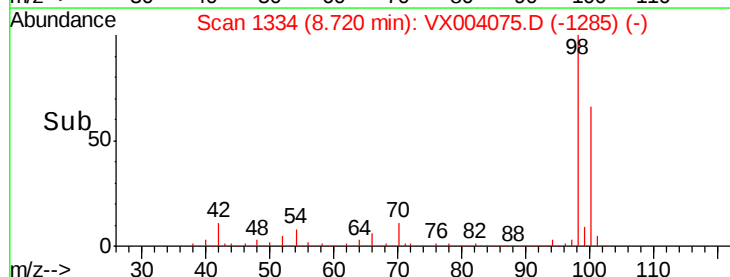
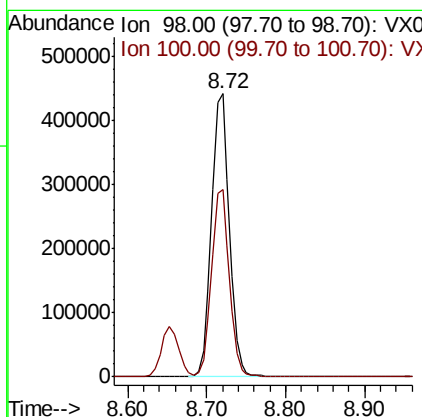
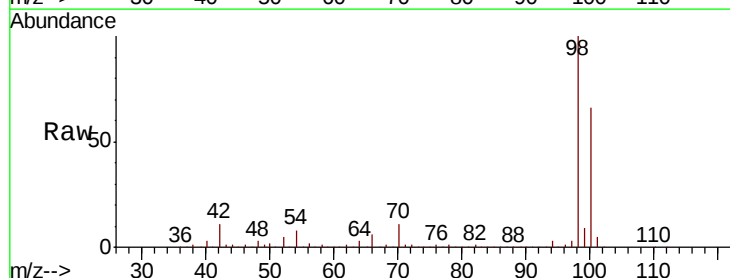
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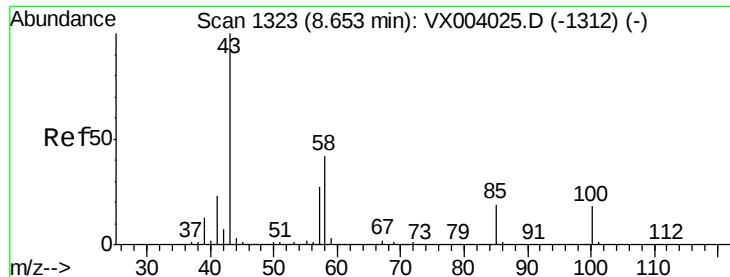
MMDadoda
 8/16/2018 4:39:10 PM



#50
 Toluene-d8
 Concen: 50.87 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.3	79.9





#51

4-Methyl-2-Pentanone

Concen: 105.83 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX0815WBS01

Tot Ion: 43 Resp: 715454

Ion Ratio Lower Upper

43 100

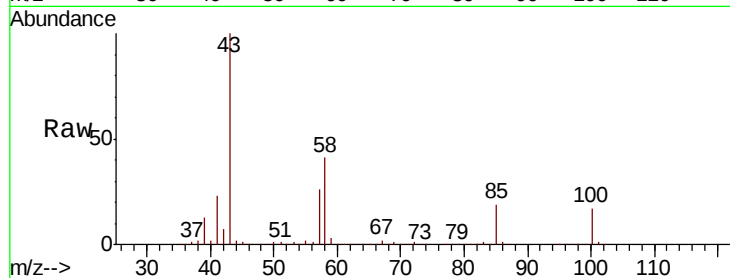
58 40.7 33.0 49.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

500000

400000

300000

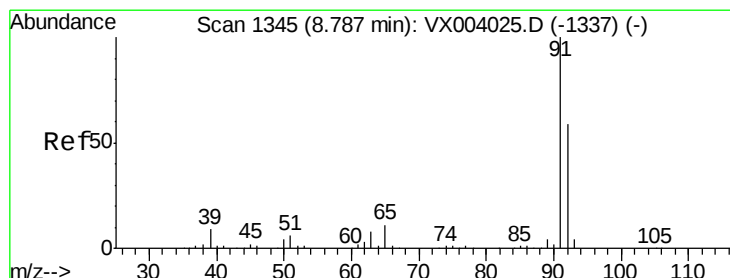
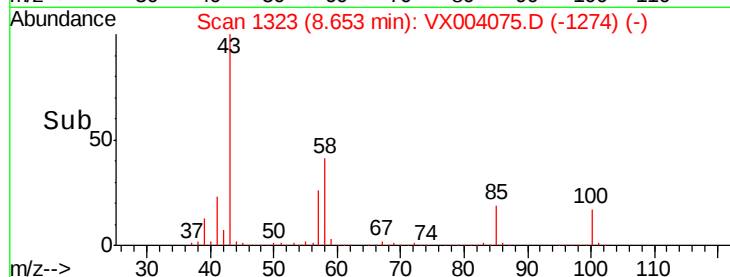
200000

100000

0

8.60 8.65 8.70 8.80

Time-->



#52

Toluene

Concen: 20.13 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004075.D

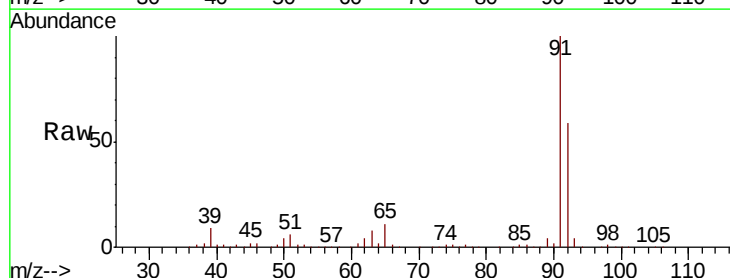
Acq: 15 Aug 2018 16:27

Tgt Ion: 92 Resp: 196361

Ion Ratio Lower Upper

92 100

91 169.6 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

150000

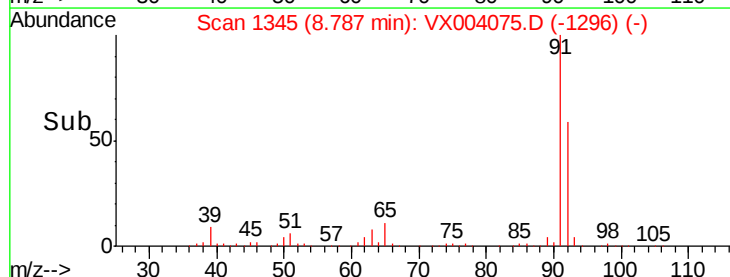
100000

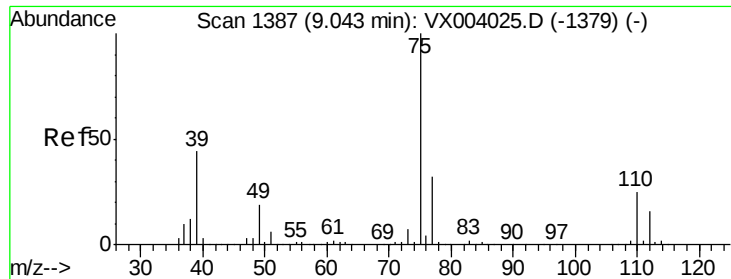
50000

0

8.70 8.75 8.80 8.85 8.90

Time-->





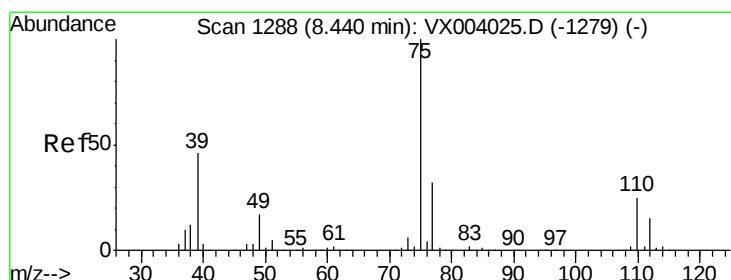
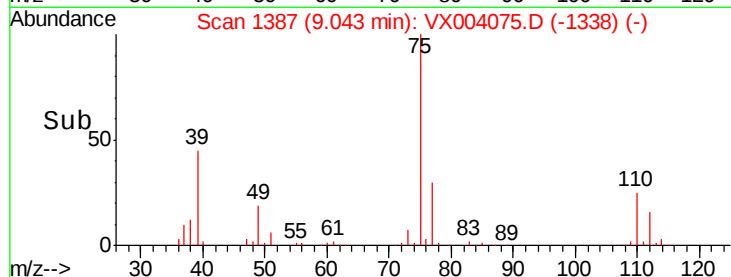
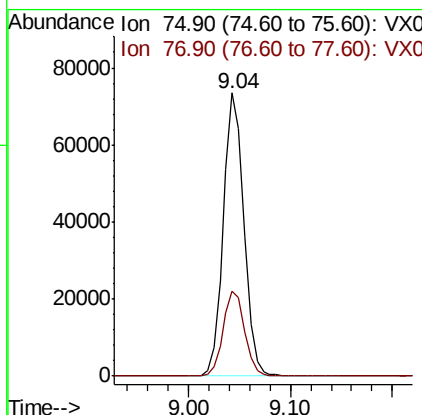
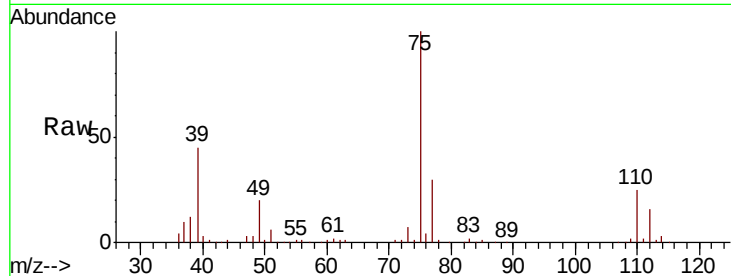
#53
t-1,3-Dichloropropene
Concen: 19.53 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tot Ion: 75 Resp: 103113
Ion Ratio Lower Upper
75 100
77 29.9 25.1 37.7

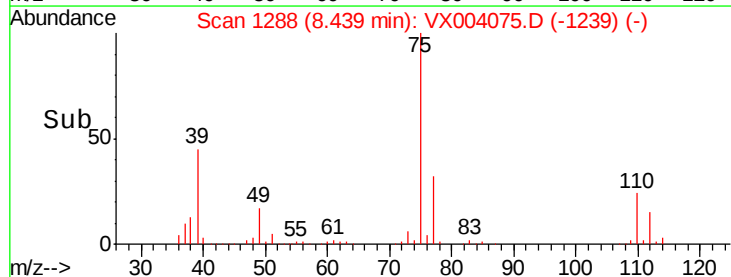
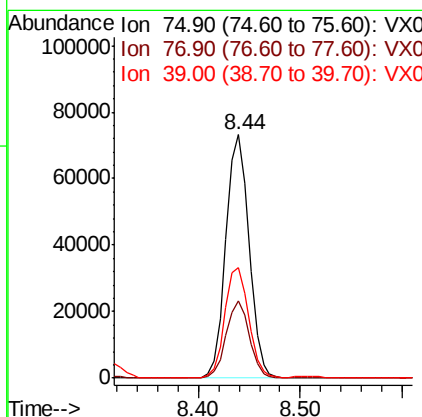
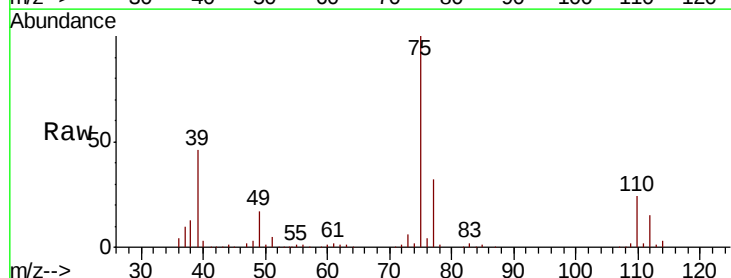
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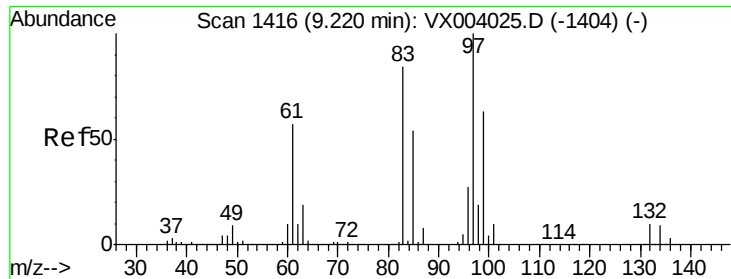
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#54
cis-1,3-Dichloropropene
Concen: 19.74 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Tgt Ion: 75 Resp: 115419
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9
39 45.5 36.2 54.2





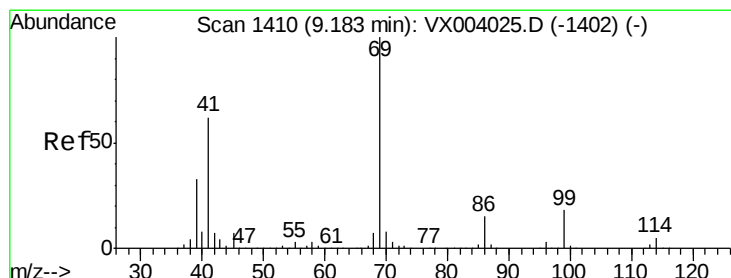
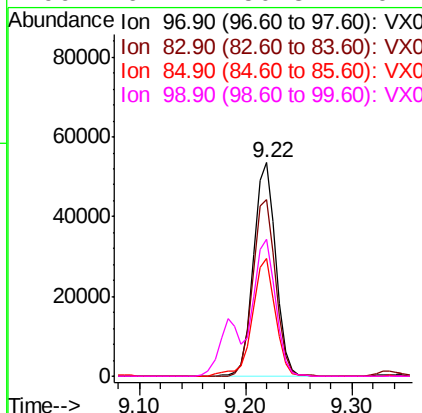
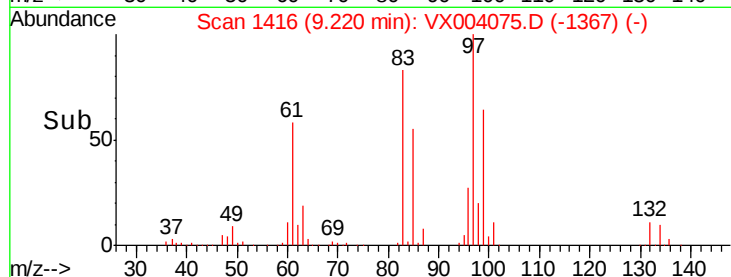
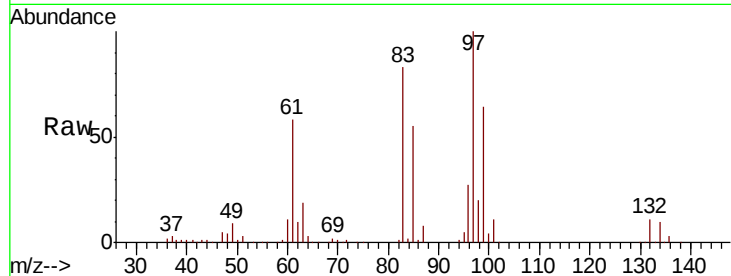
#55
 1,1,2-Trichloroethane
 Concen: 19.59 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		78920		
83	82.8	67.8	101.6		
85	54.9	44.2	66.2		
99	64.4	50.8	76.2		

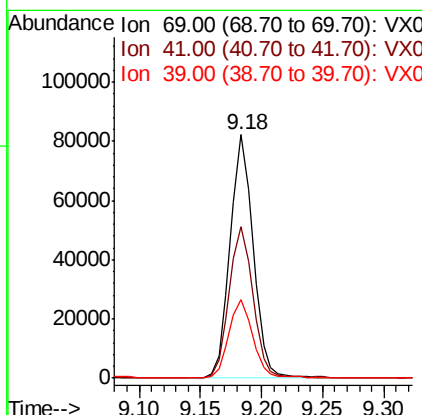
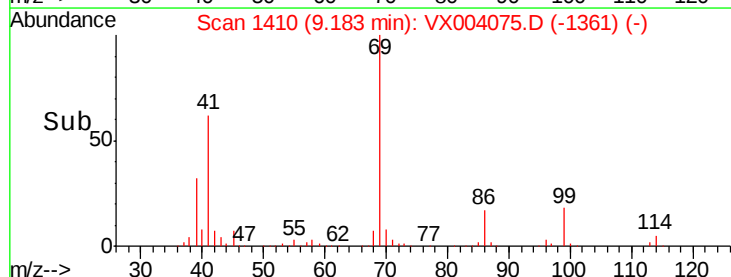
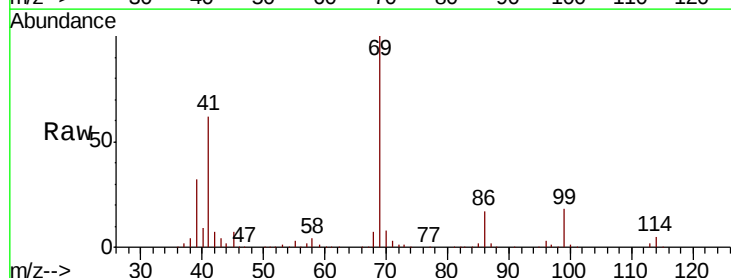
Manual Integrations
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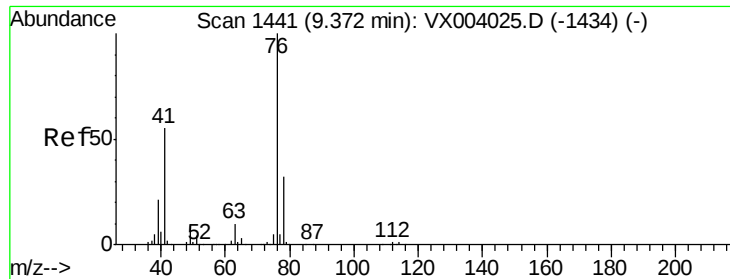
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#56
 Ethyl methacrylate
 Concen: 19.62 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		107499		
41	64.0	50.6	76.0		
39	33.4	25.8	38.6		





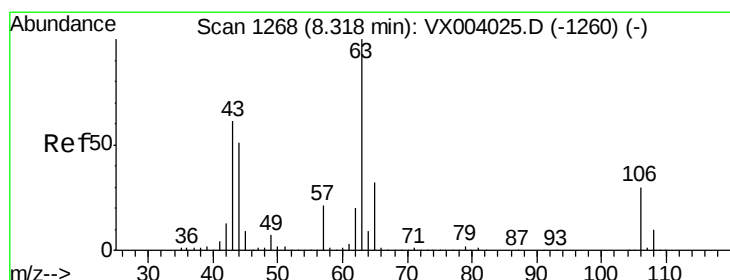
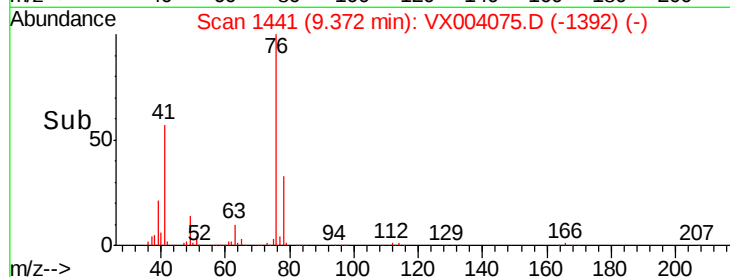
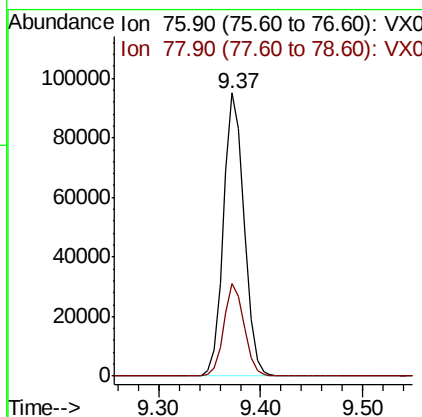
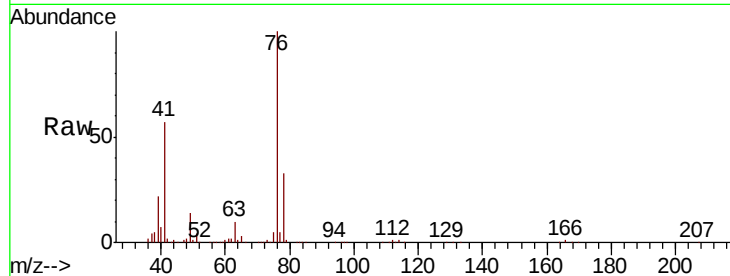
#57
 1,3-Dichloropropane
 Concen: 20.03 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS01

Tot Ion: 76 Resp: 133844
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.9 38.9

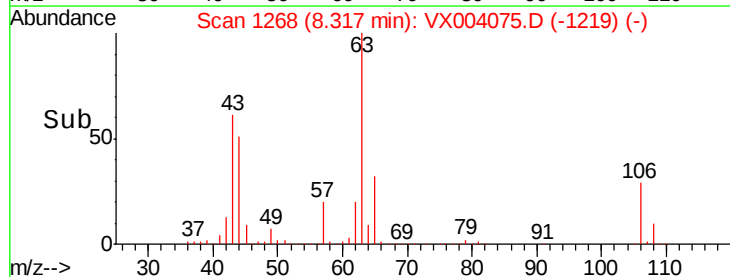
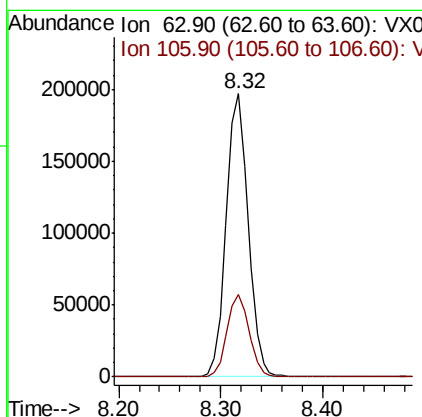
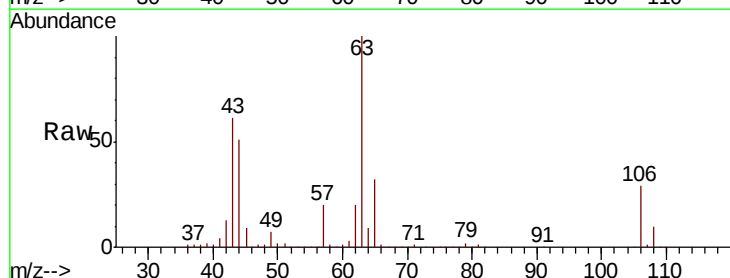
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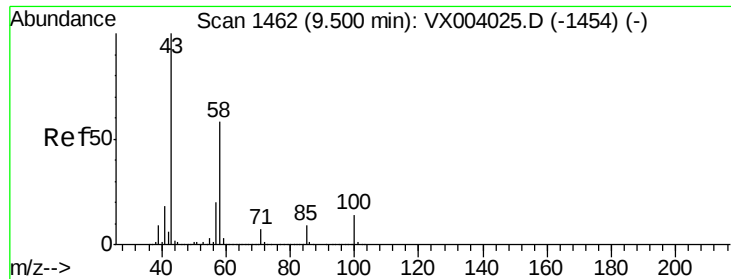
MMDadoda
 8/16/2018 4:39:10 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.96 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Tgt Ion: 63 Resp: 295567
 Ion Ratio Lower Upper
 63 100
 106 29.3 23.8 35.8





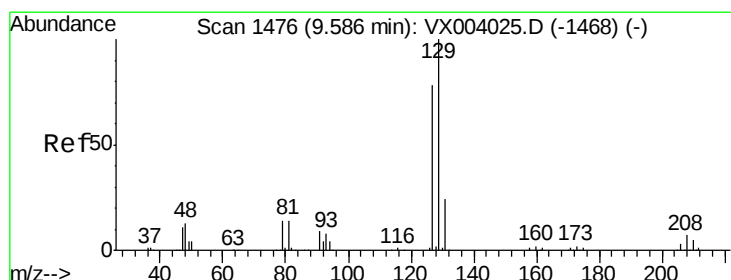
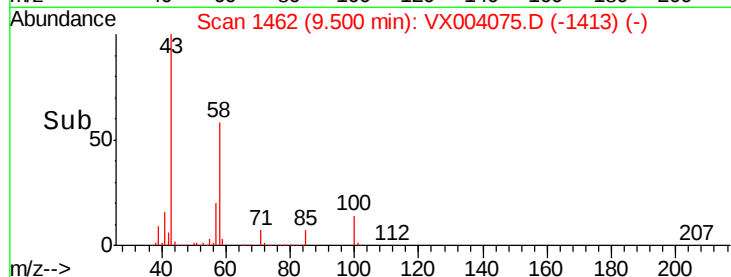
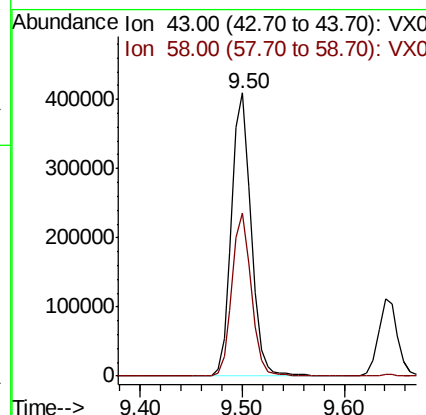
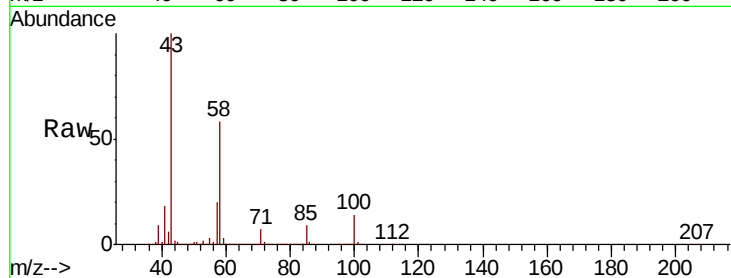
#59
2-Hexanone
Concen: 106.98 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tot Ion: 43 Resp: 544332
Ion Ratio Lower Upper
43 100
58 57.0 29.0 87.0

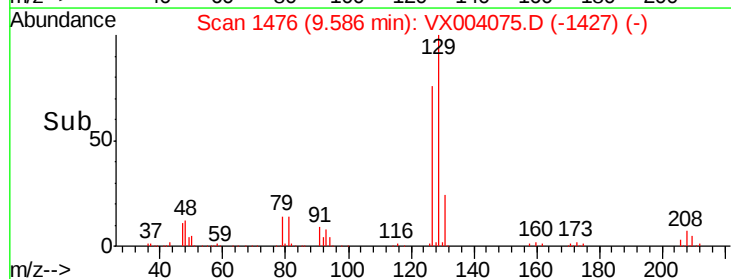
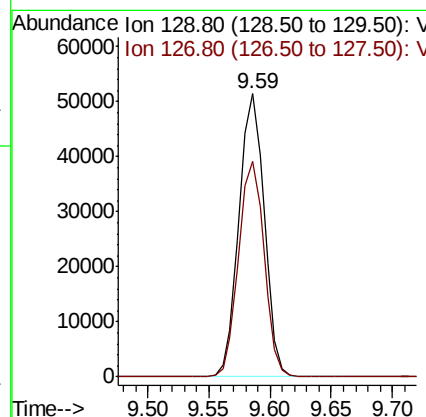
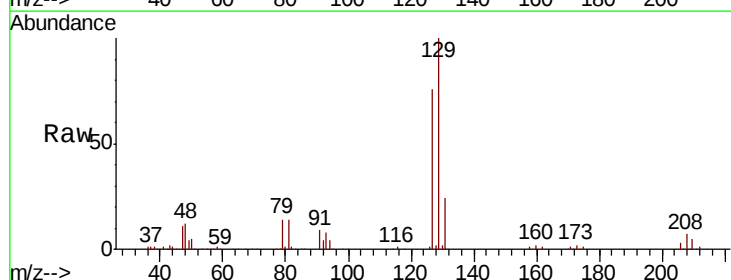
Manual Integrations
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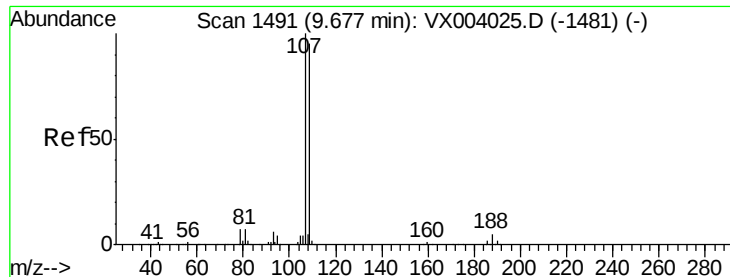
MMDadoda
8/16/2018 4:39:10 PM



#60
Dibromochloromethane
Concen: 19.01 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Tgt Ion: 129 Resp: 73704
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.3





#61

1,2-Dibromoethane

Concen: 19.89 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX0815WBS01

Tot Ion:107 Resp: 81693

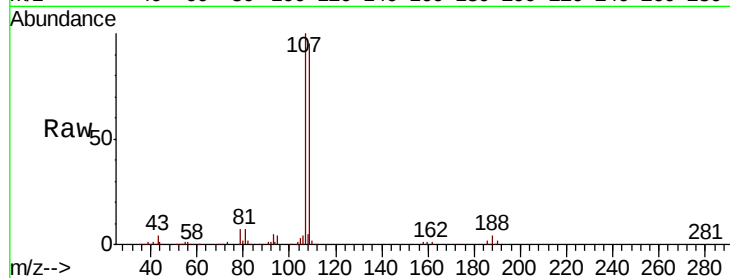
Ion Ratio Lower Upper

107 100

109 93.4 75.8 113.8

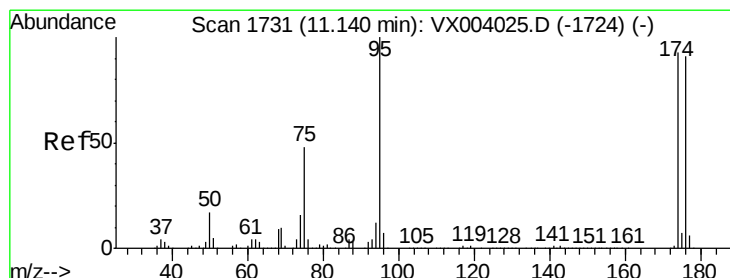
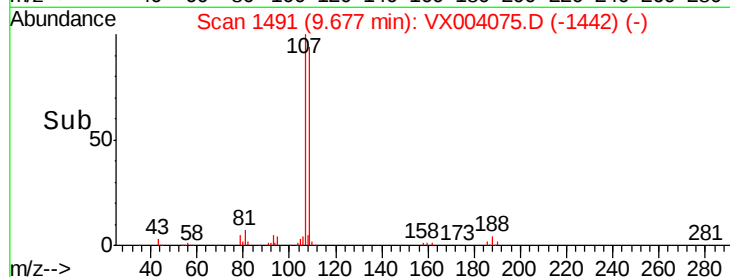
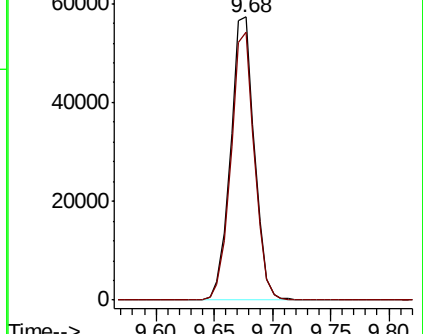
Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.57 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

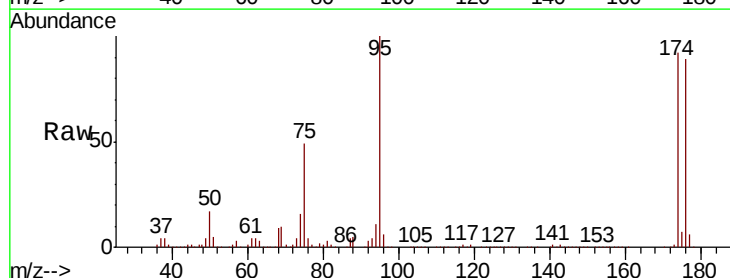
Tgt Ion: 95 Resp: 251235

Ion Ratio Lower Upper

95 100

174 90.1 0.0 182.8

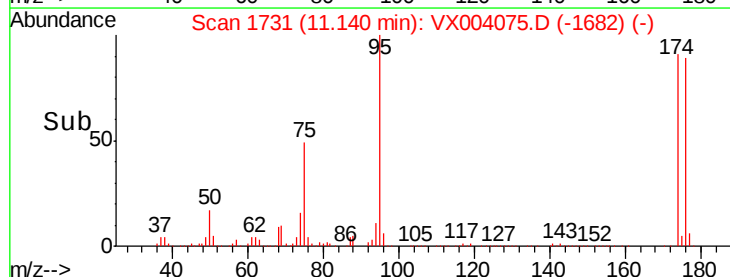
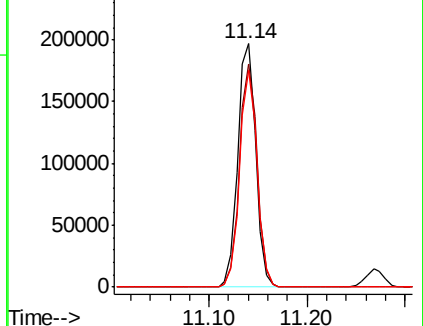
176 86.7 0.0 179.0

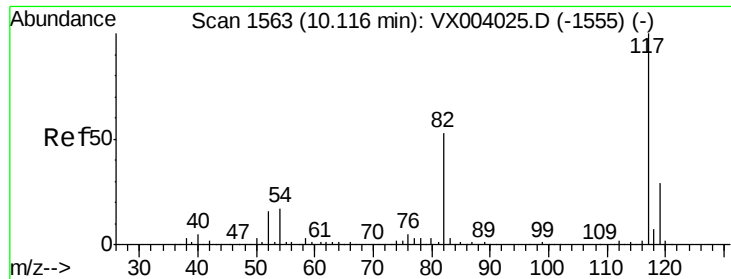


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





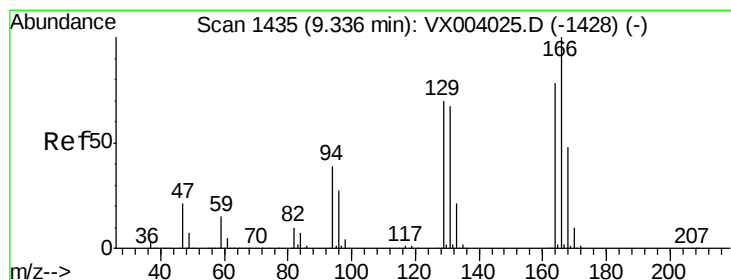
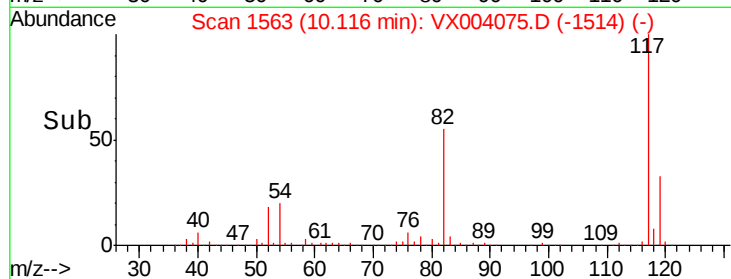
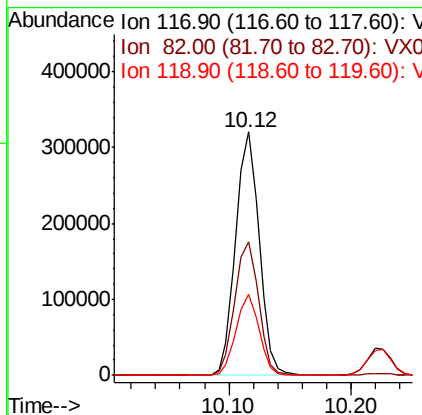
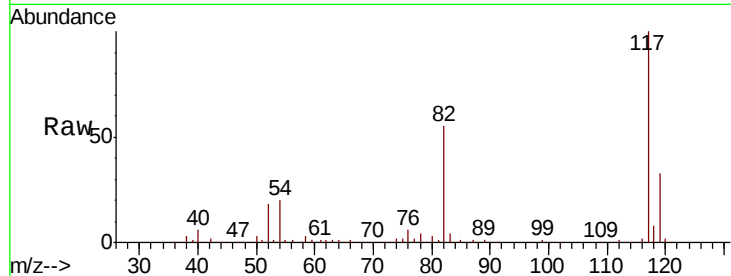
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	45.4	68.0
119	33.1	26.6	40.0

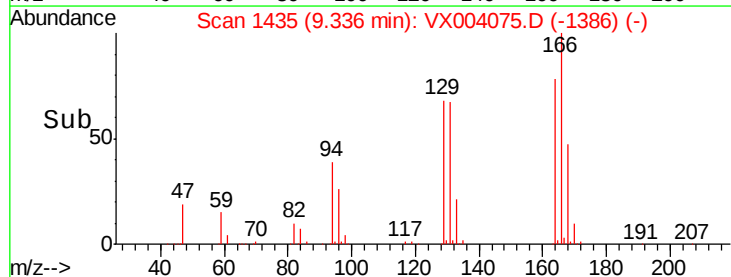
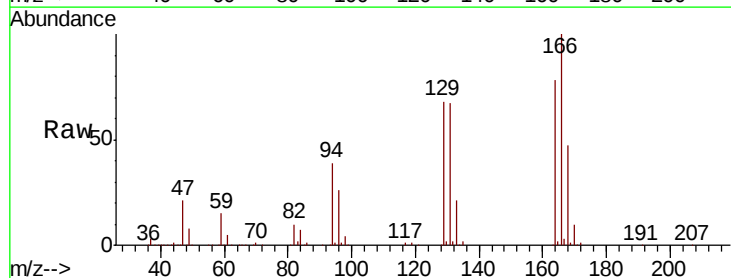
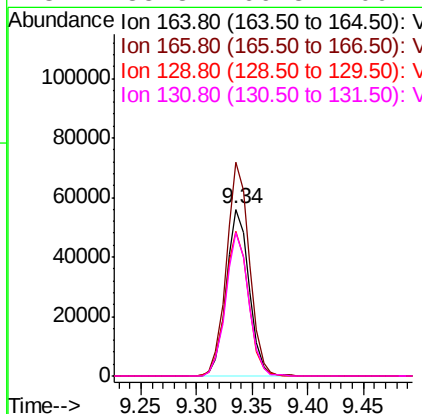
Manual Integrations
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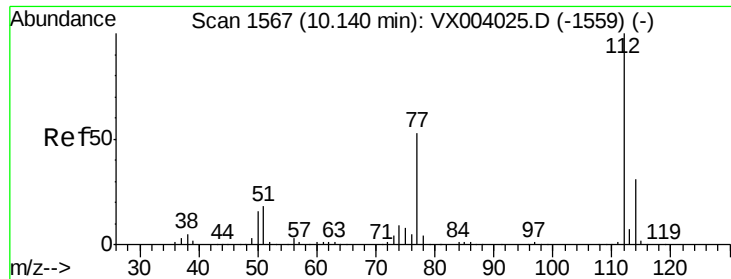
MMDadoda
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#64
Tetrachloroethene
Concen: 19.58 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	98.0	147.0
129	87.0	64.3	96.5
131	85.8	66.8	100.2





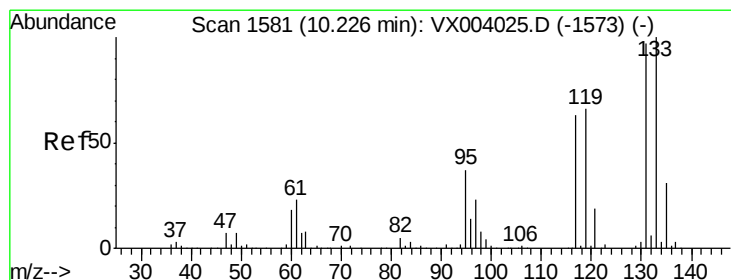
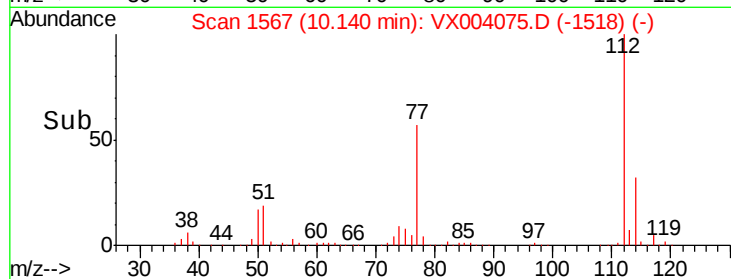
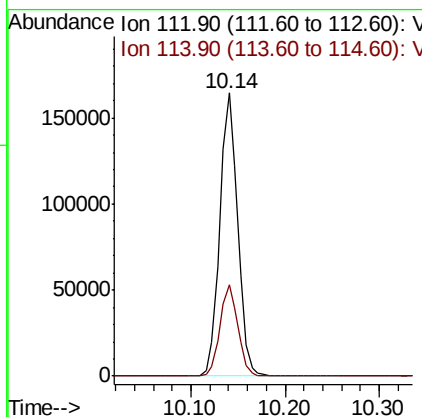
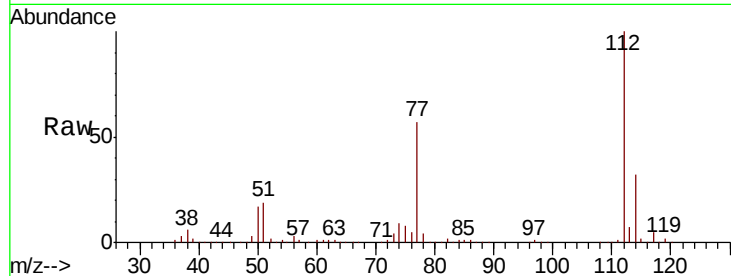
#65
Chlorobenzene
Concen: 19.65 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tot Ion:112 Resp: 216404
Ion Ratio Lower Upper
112 100
114 32.2 23.6 35.4

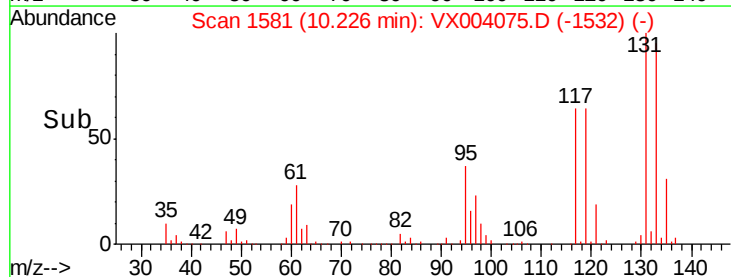
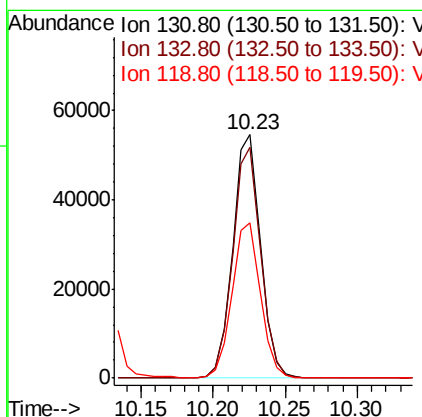
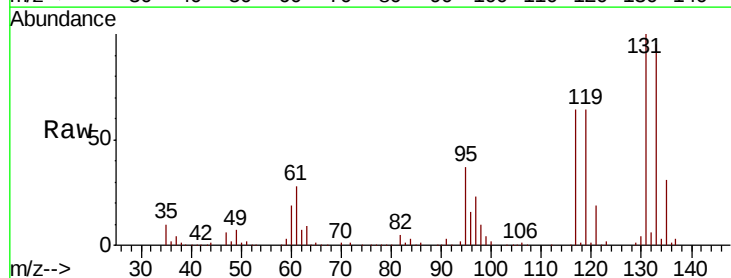
Manual Integrations
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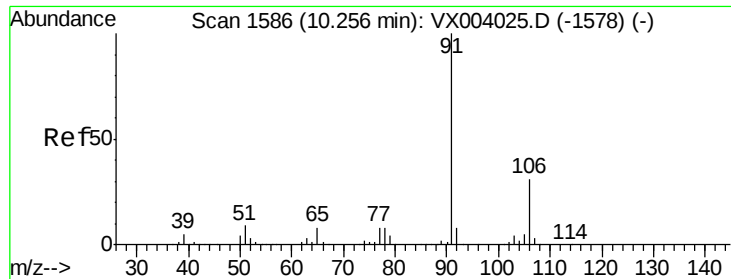
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.63 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Tgt Ion:131 Resp: 73739
Ion Ratio Lower Upper
131 100
133 95.3 47.3 141.8
119 65.7 31.6 94.8





#67

Ethyl Benzene

Concen: 20.35 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX0815WBS01

Tot Ion: 91 Resp: 355005

Ion Ratio Lower Upper

91 100

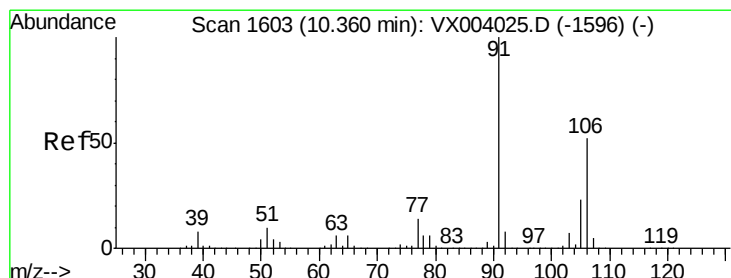
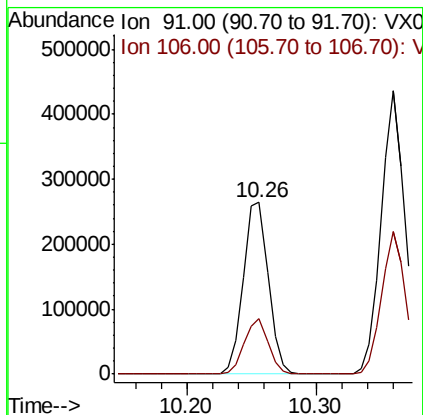
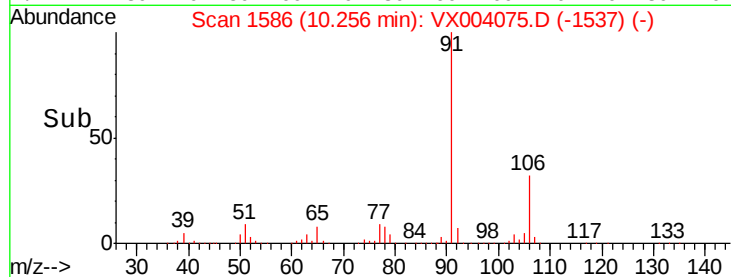
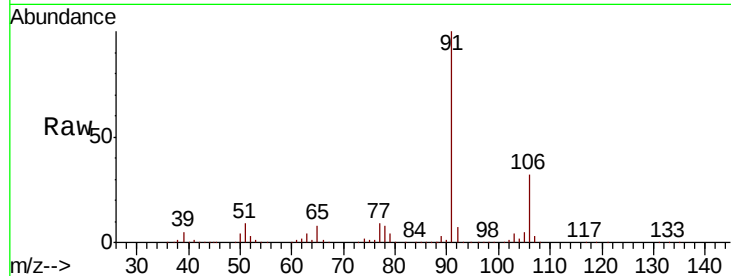
106 32.0 25.9 38.9

Manual Integrations

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#68

m/p-Xylenes

Concen: 41.17 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX004075.D

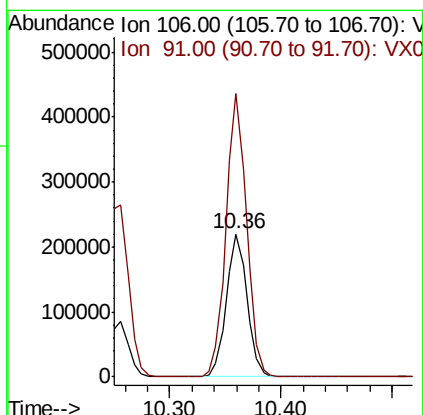
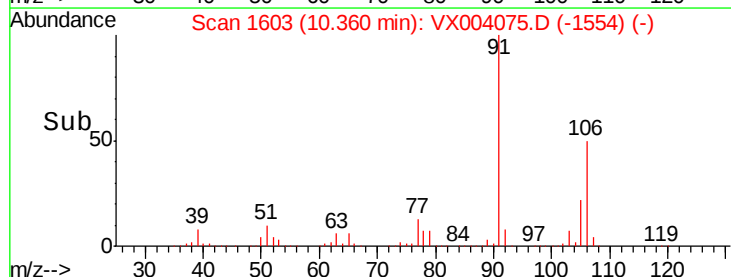
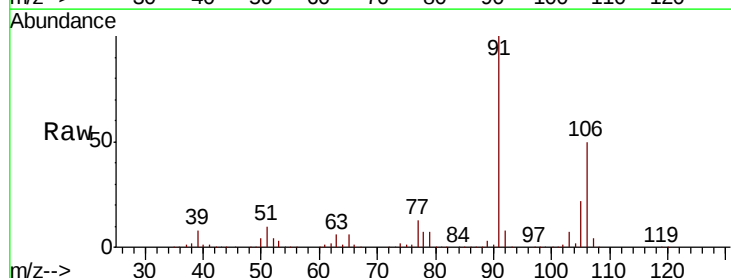
Acq: 15 Aug 2018 16:27

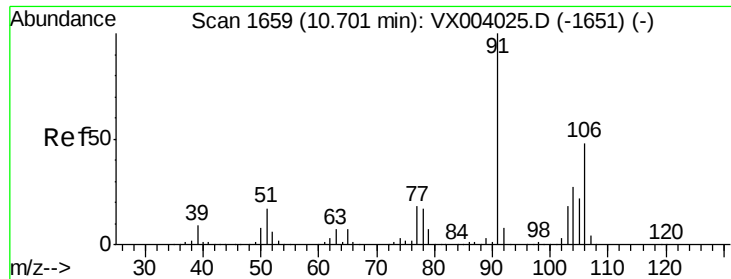
Tgt Ion: 106 Resp: 281203

Ion Ratio Lower Upper

106 100

91 197.9 162.3 243.5





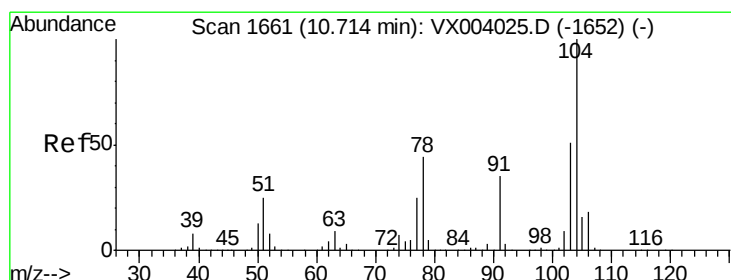
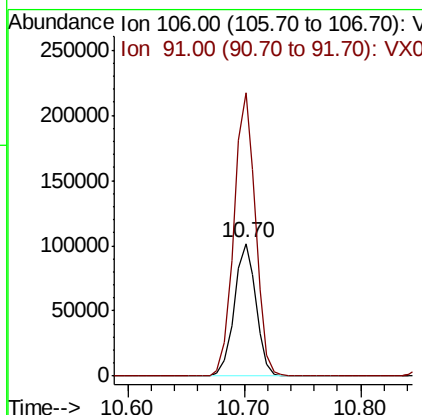
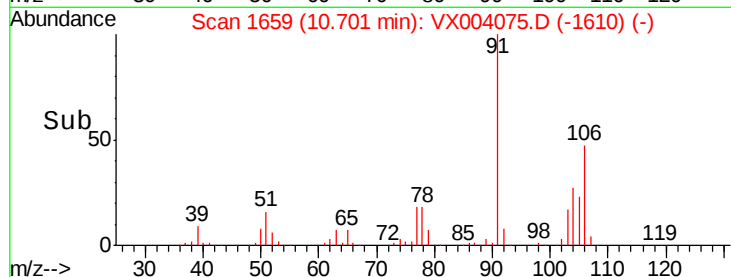
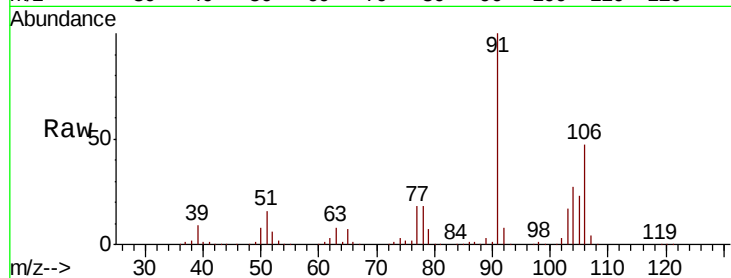
#69
o-Xylene
Concen: 20.23 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.3	101.9	305.7

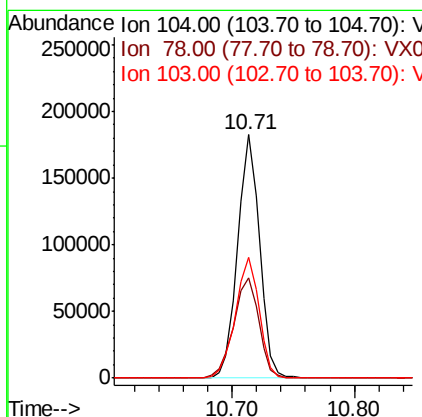
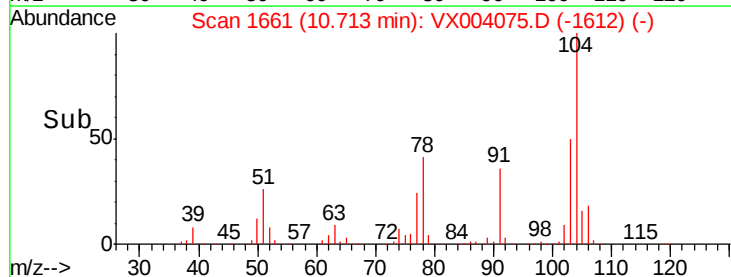
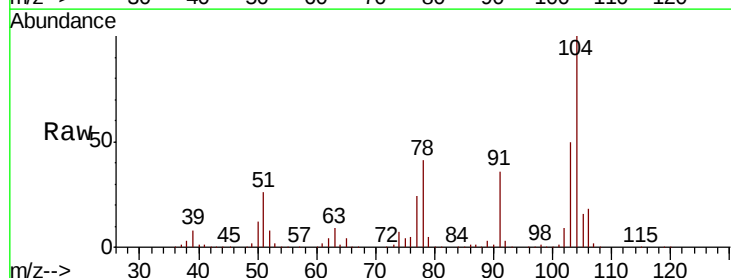
Manual Integrations
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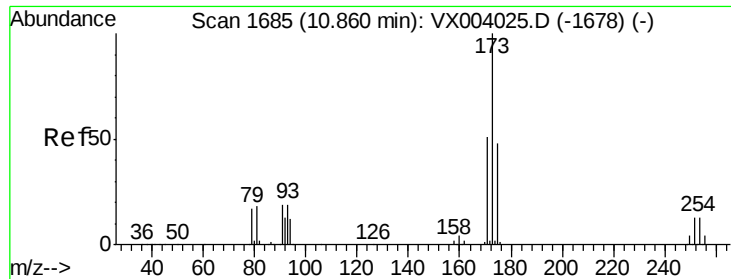
MMDadoda
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#70
Styrene
Concen: 20.54 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.5	39.8	59.6
103	54.0	44.3	66.5





#71

Bromoform

Concen: 18.25 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

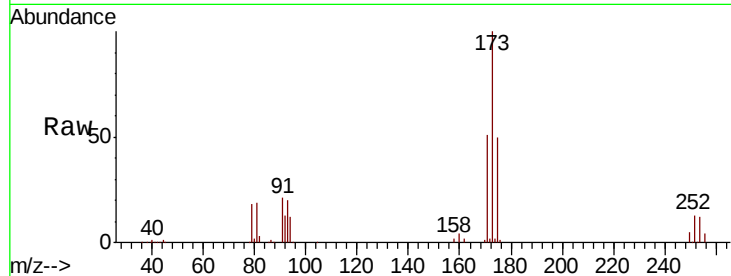
ClientSampleId :

VX0815WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.9	74.7
254	0.0	0.2	0.2

Manual Integrations
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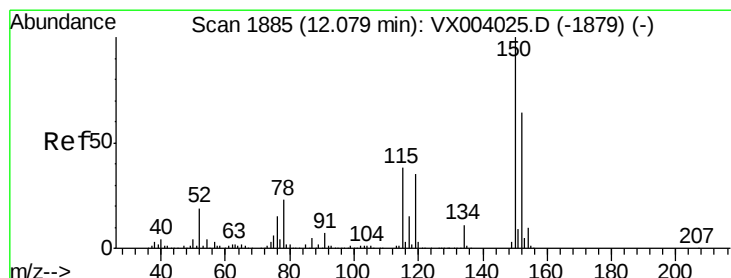
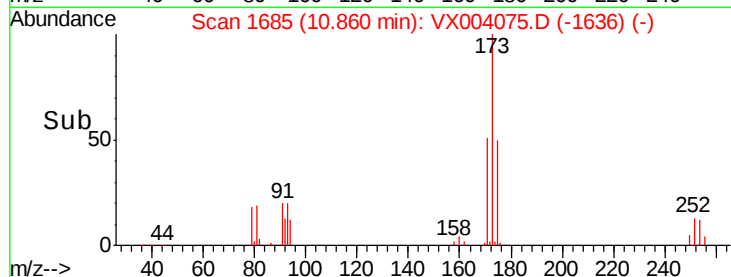
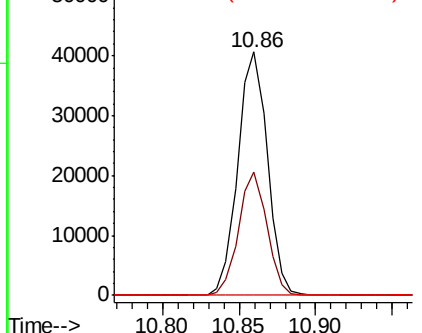


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

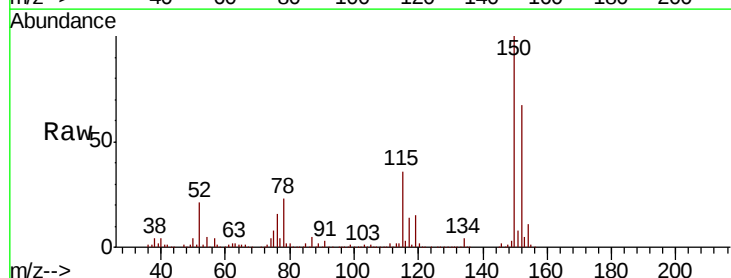
RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.2	39.1	117.3
150	158.2	0.0	349.2

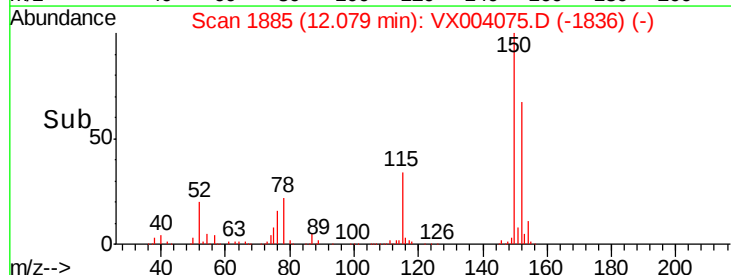
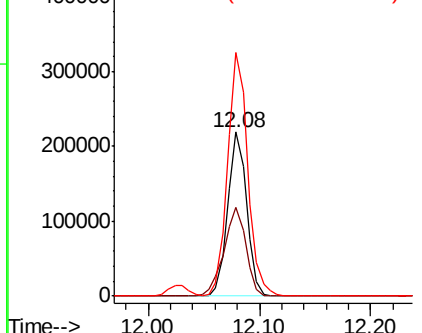


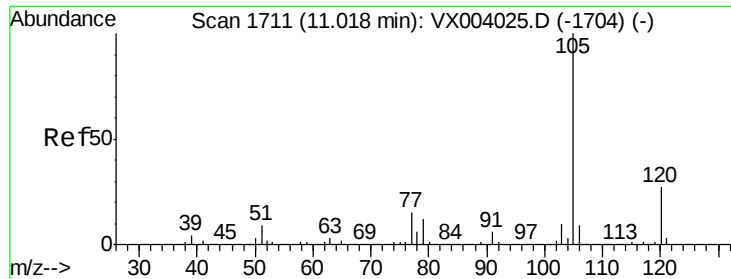
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.48 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX0815WBS01

Tot Ion: 105 Resp: 356510

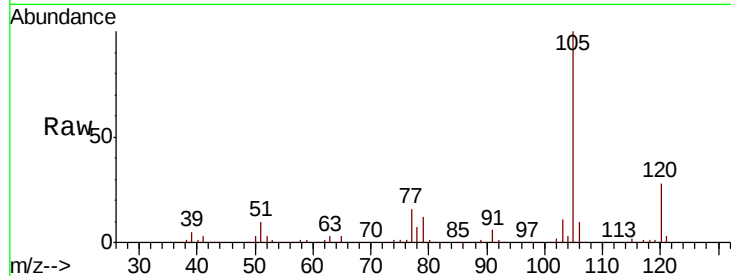
Ion Ratio Lower Upper

105 100

120 26.9 12.6 37.8

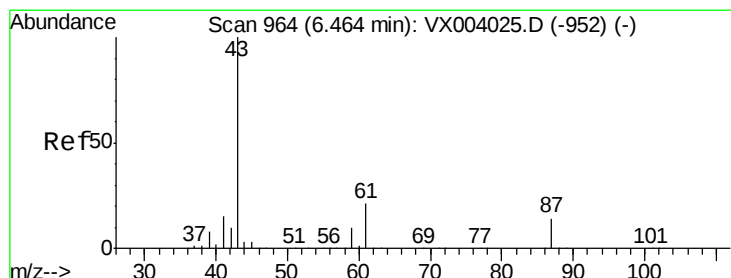
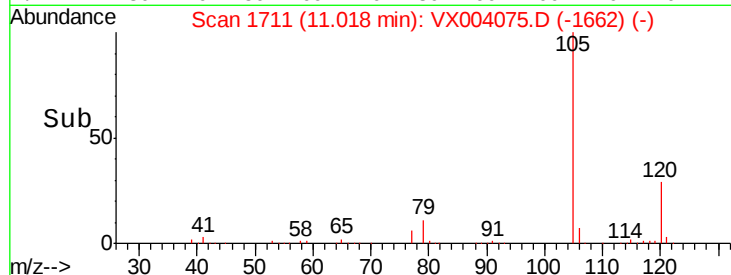
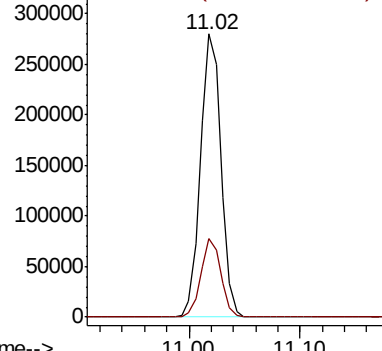
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.90 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Tgt Ion: 43 Resp: 162926

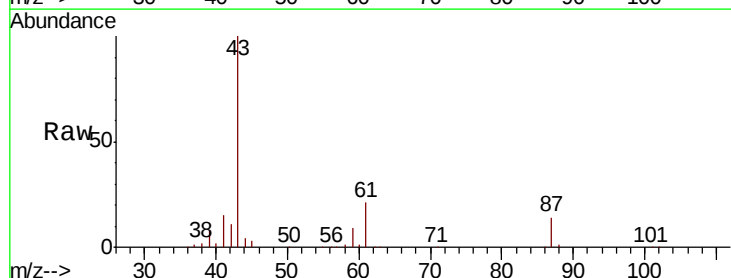
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 20.8 16.9 25.3

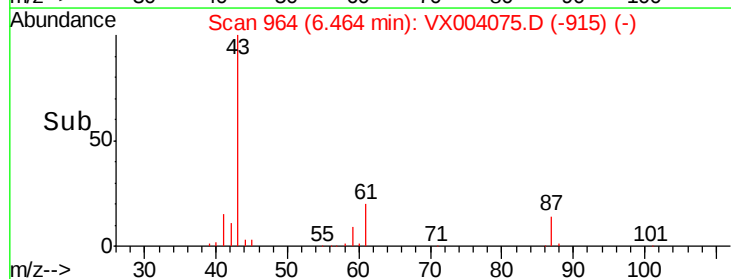
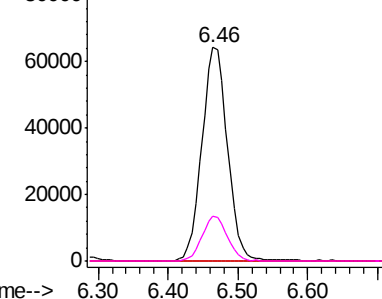


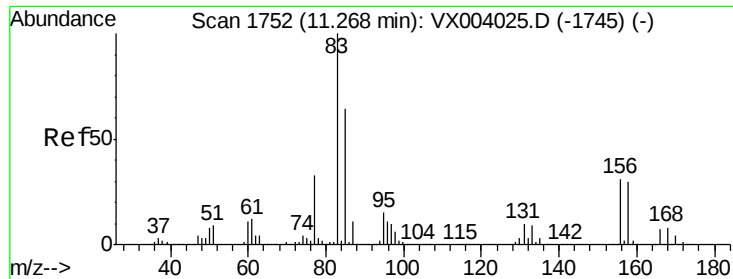
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.07 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

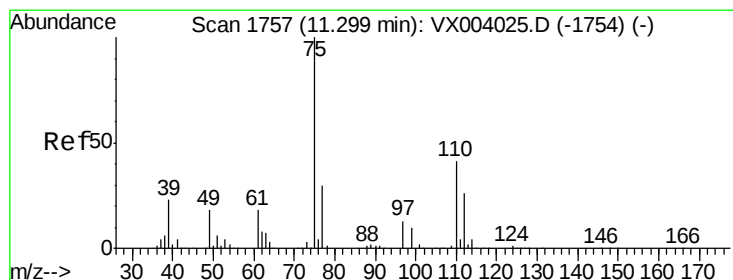
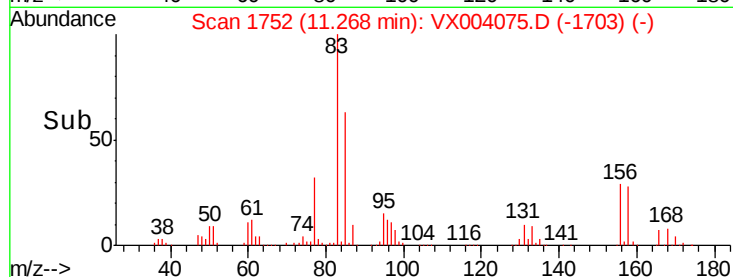
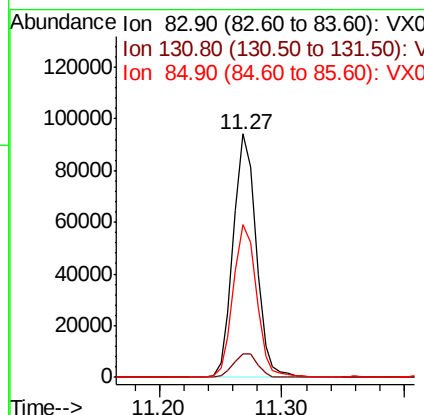
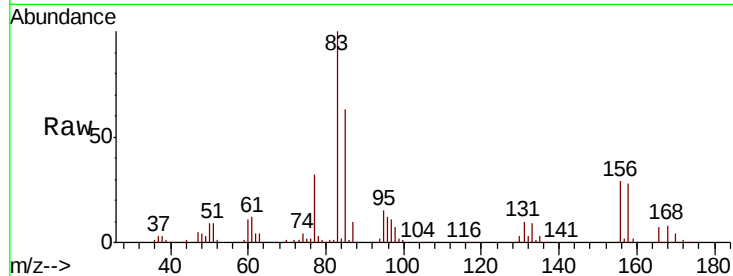
ClientSampleId :

VX0815WBS01

Tot Ion:	83	Resp:	122024
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.2	15.6
85	64.1	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.61 ug/l m

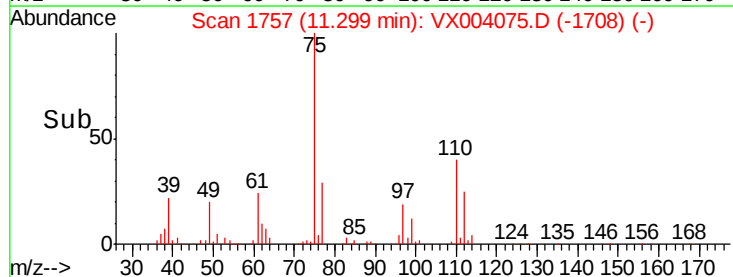
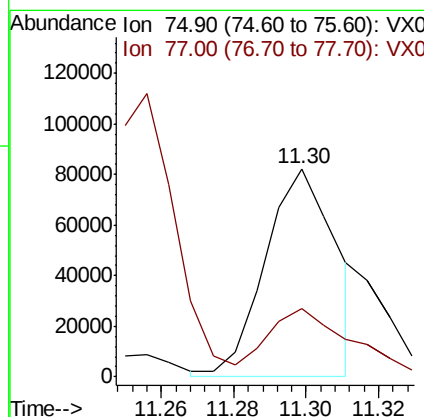
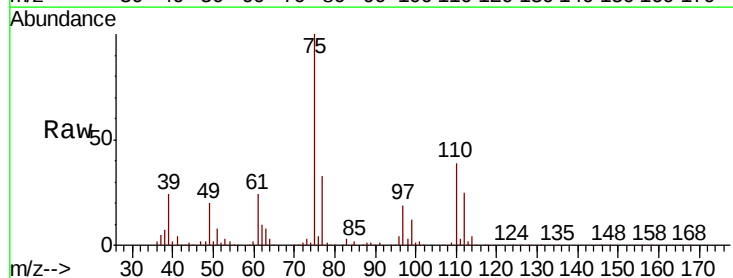
RT: 11.30 min Scan# 1757

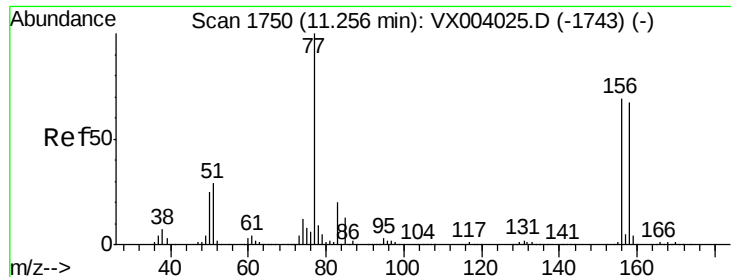
Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Tgt Ion:	75	Resp:	111462
Ion Ratio	Lower	Upper	
75	100		
77	39.1	20.8	62.5





#77

Bromobenzene

Concen: 20.08 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

ClientSampleId :

VX0815WBS01

Tot Ion:156 Resp: 96354

Ion Ratio Lower Upper

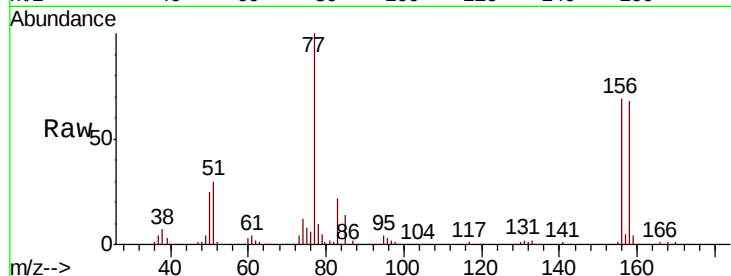
156 100

77 149.5 74.1 222.2

158 97.6 48.6 145.9

Manual Integrations
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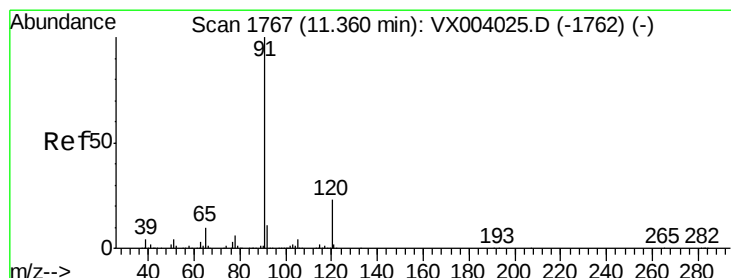
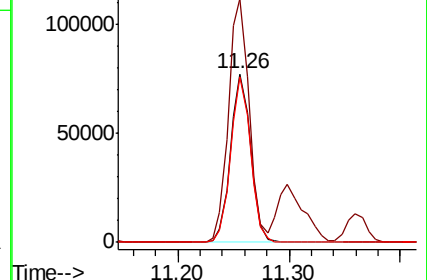
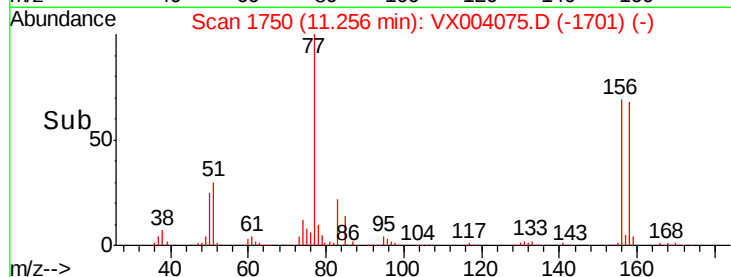
MMDadoda
8/16/2018 4:39:10 PM



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: 21.27 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004075.D

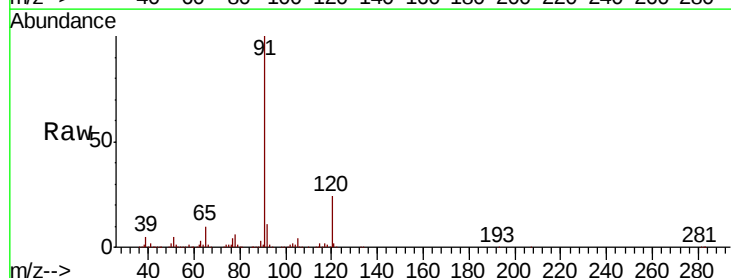
Acq: 15 Aug 2018 16:27

Tgt Ion: 91 Resp: 414323

Ion Ratio Lower Upper

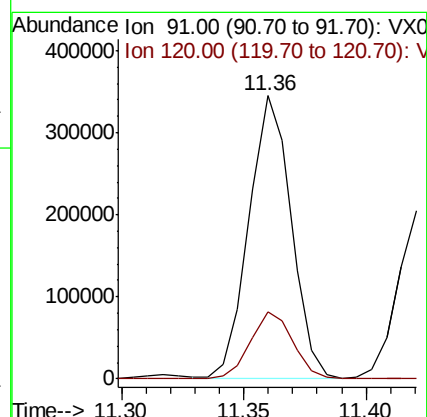
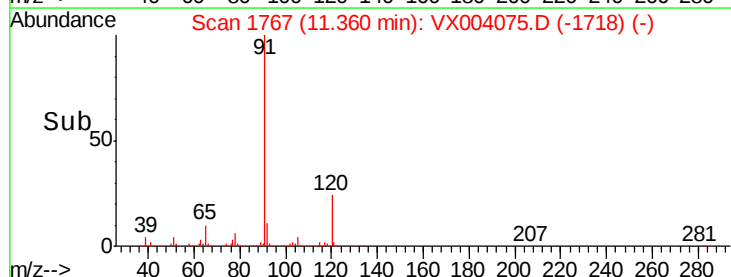
91 100

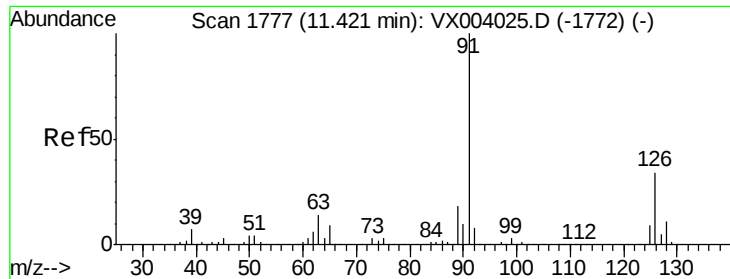
120 23.8 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





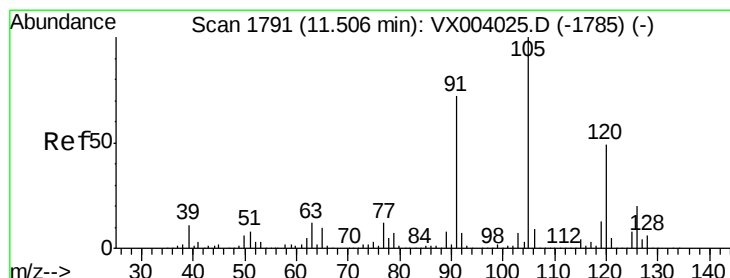
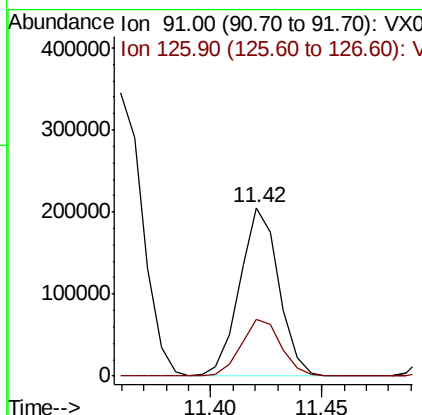
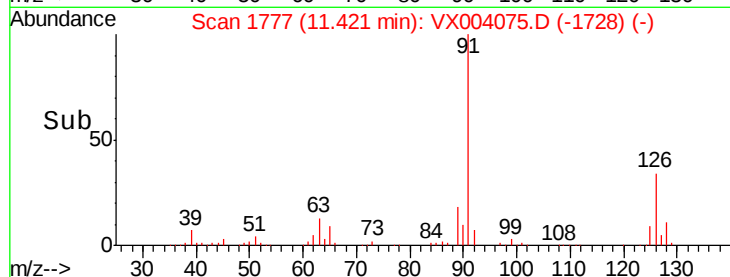
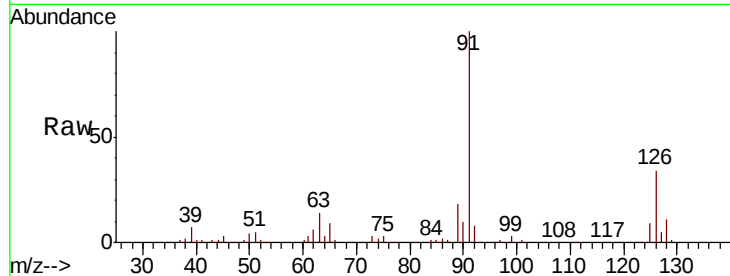
#79
 2-Chlorotoluene
 Concen: 21.03 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS01

Tot Ion: 91 Resp: 249670
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.4 52.3

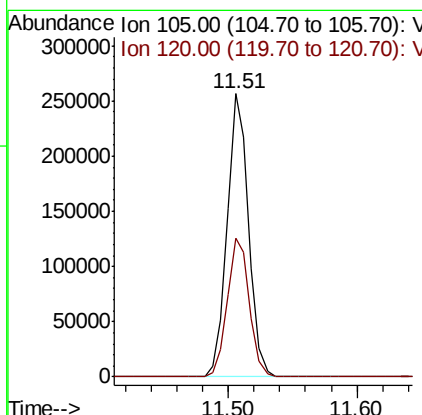
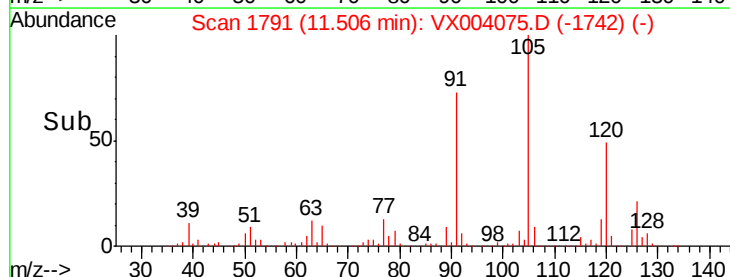
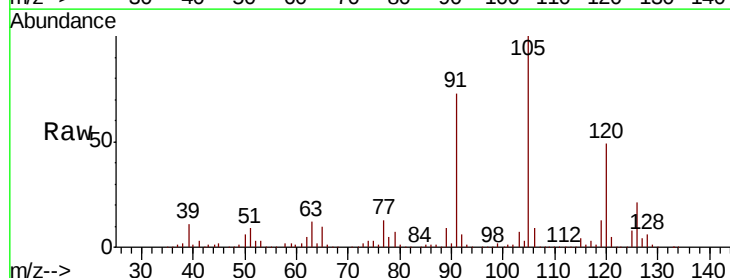
Manual Integrations
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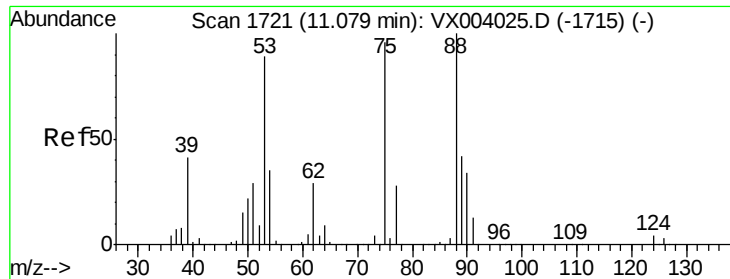
MMDadoda
 8/16/2018 4:39:10 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 21.02 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Tgt Ion: 105 Resp: 299575
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.4 76.2





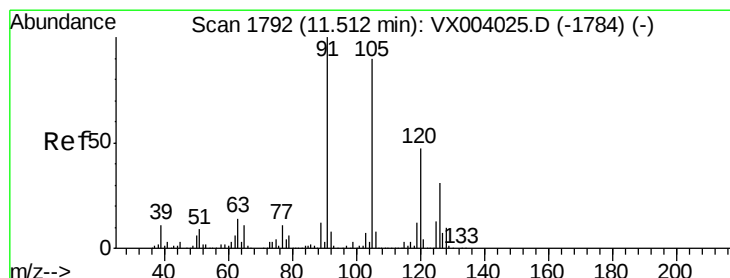
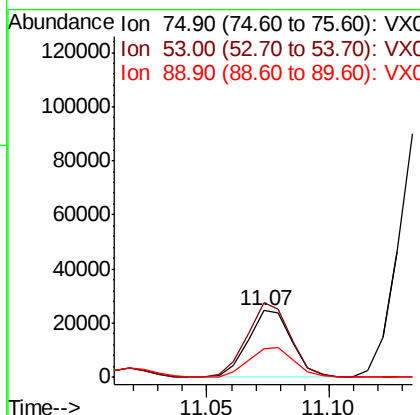
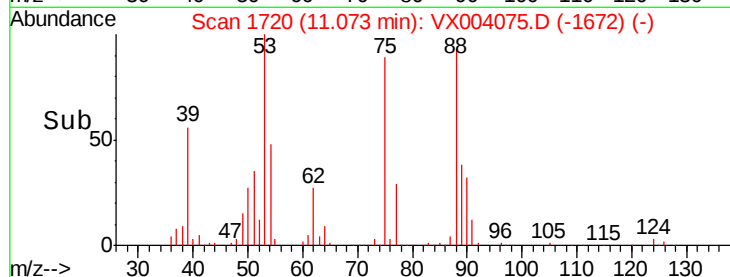
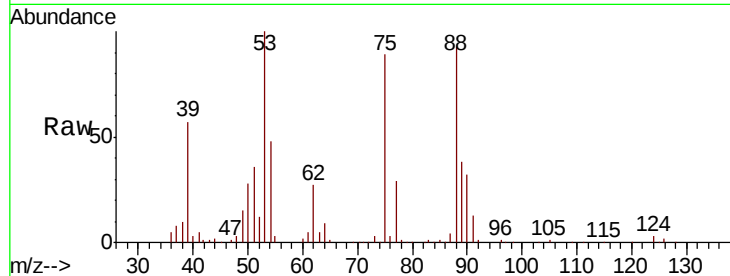
#81
trans-1,4-Dichloro-2-butene
Concen: 18.38 ug/l
RT: 11.07 min Scan# 1720
Delta R.T. -0.01 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	111.4	80.3	120.5
89	47.5	37.8	56.8

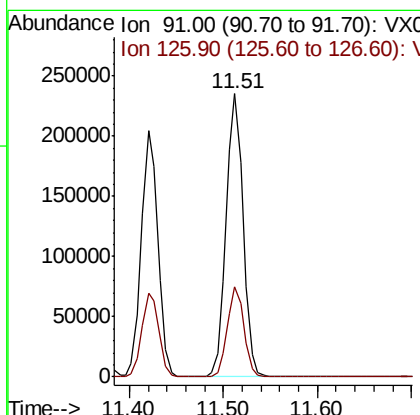
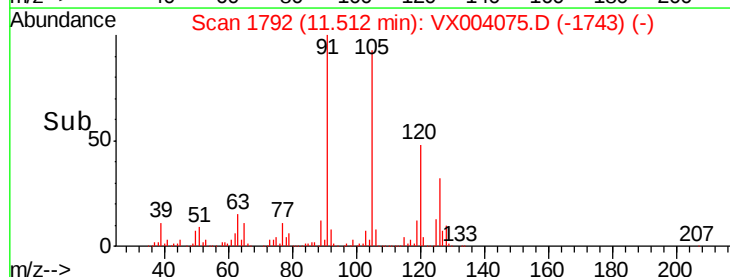
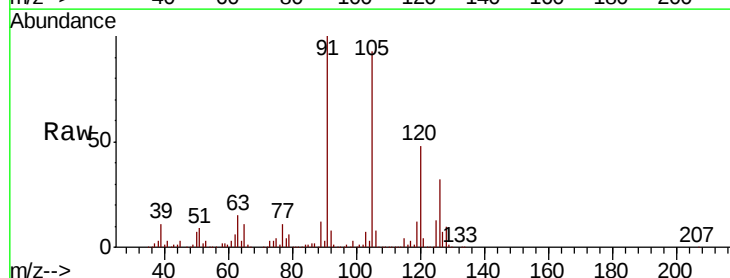
Manual Integrations
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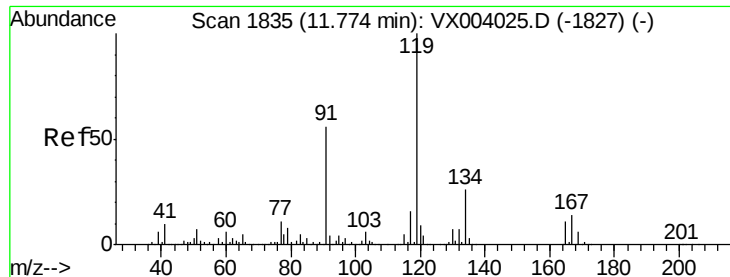
MMDadoda
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#82
4-Chlorotoluene
Concen: 20.97 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.6	46.7





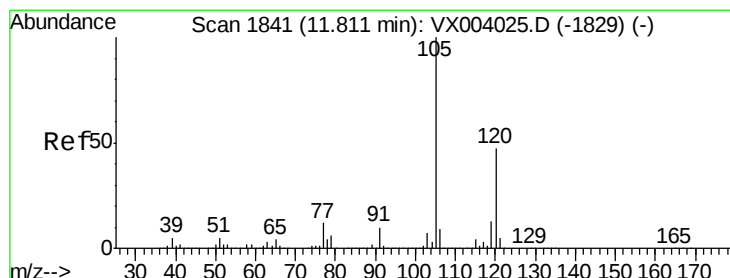
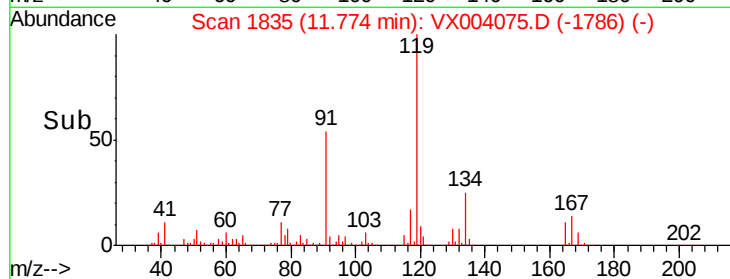
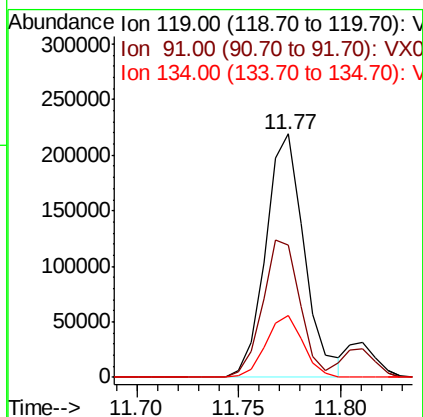
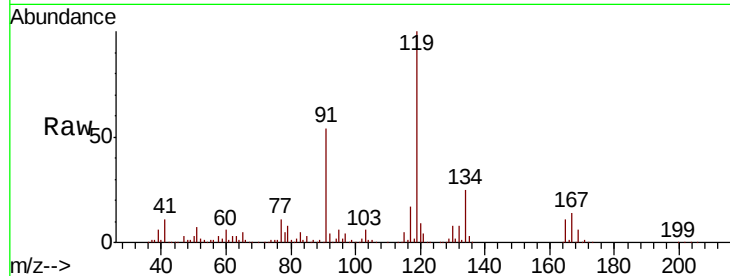
#83
tert-Butylbenzene
Concen: 20.11 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
119	100		289010		
91	54.6	26.9	80.7		
134	24.6	12.0	36.0		

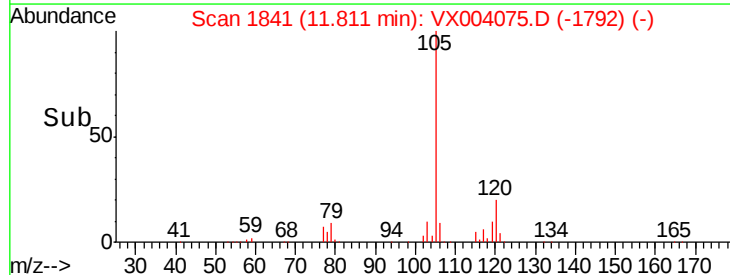
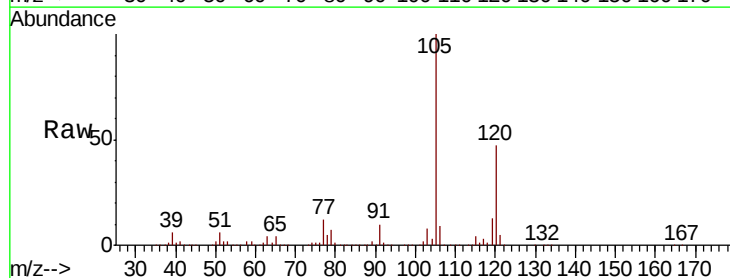
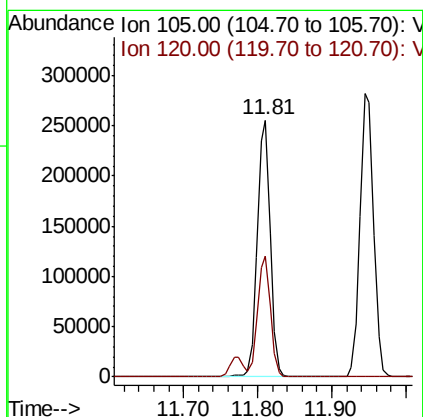
Manual Integrations
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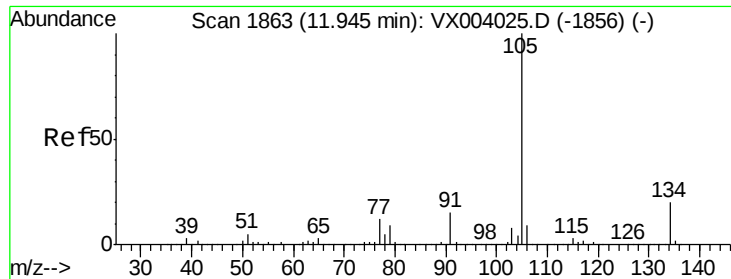
MMDadoda
8/16/2018 4:39:10 PM



#84
1,2,4-Trimethylbenzene
Concen: 21.21 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		313089		
120	46.3	23.1	69.2		





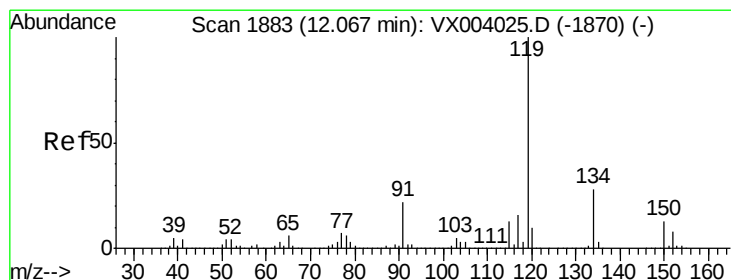
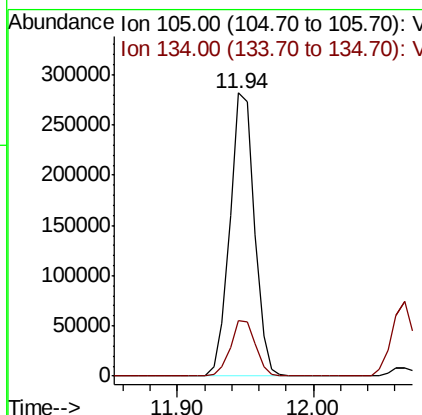
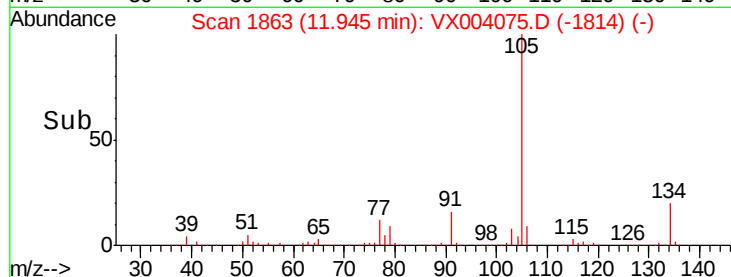
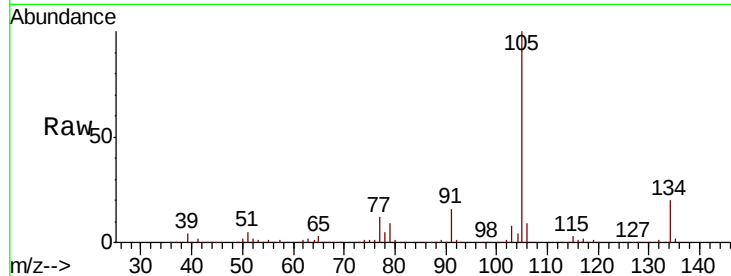
#85
 sec-Butylbenzene
 Concen: 21.00 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS01

Tot Ion:105 Resp: 353177
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.3 30.9

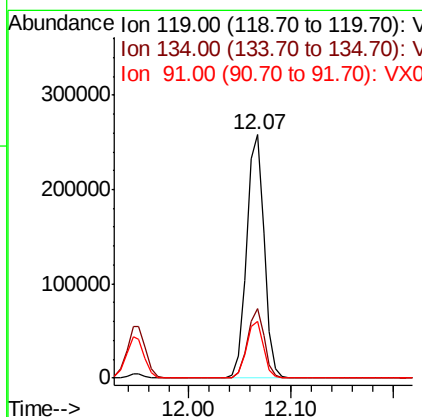
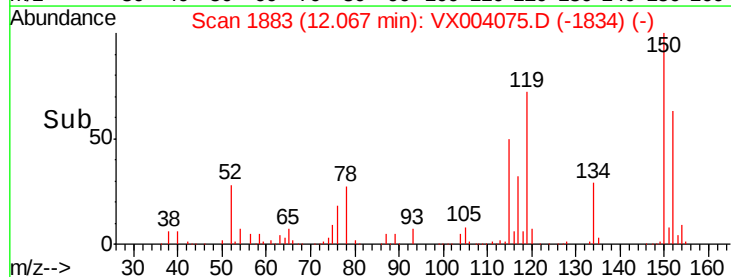
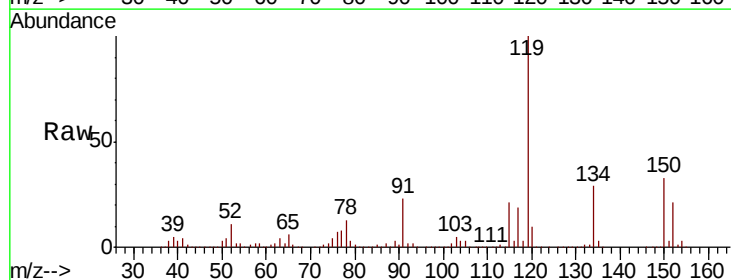
Manual Integrations
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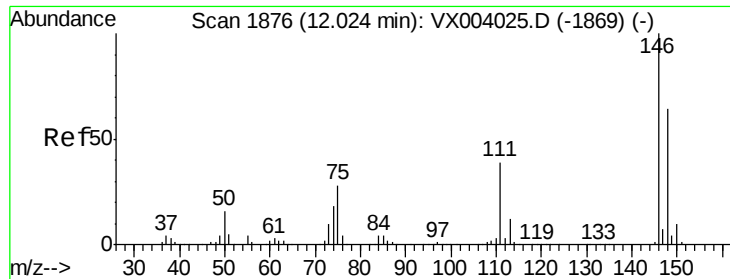
MMDadoda
 8/16/2018 4:39:10 PM



#86
 p-Isopropyltoluene
 Concen: 20.16 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Tgt Ion:119 Resp: 306975
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.3 39.8
 91 22.7 10.9 32.7





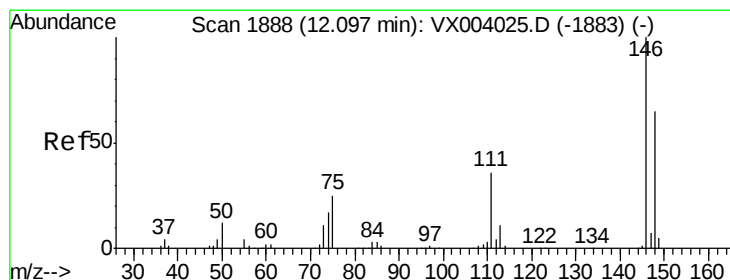
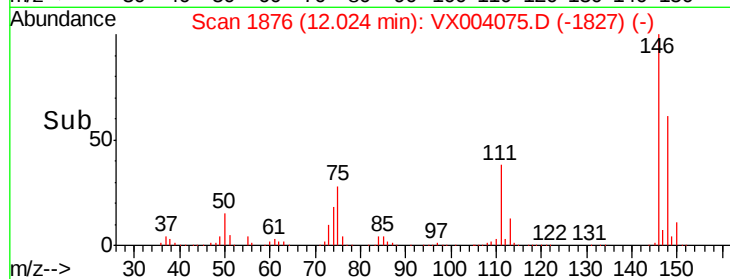
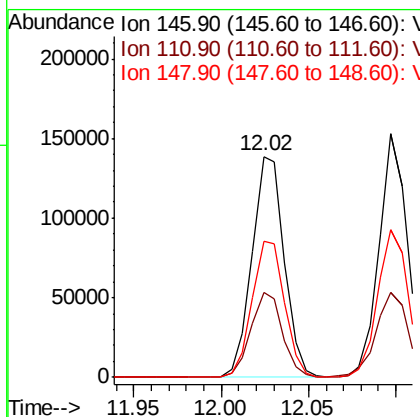
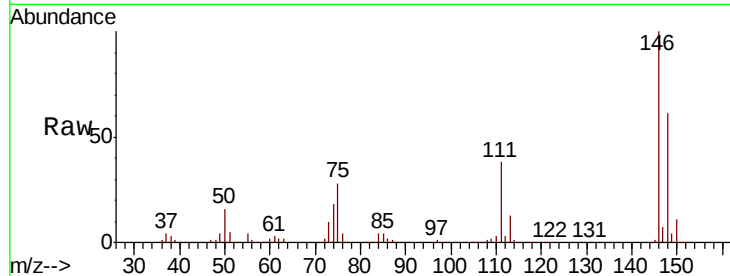
#87
 1,3-Dichlorobenzene
 Concen: 19.37 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.8	56.4
148	62.4	31.9	95.5

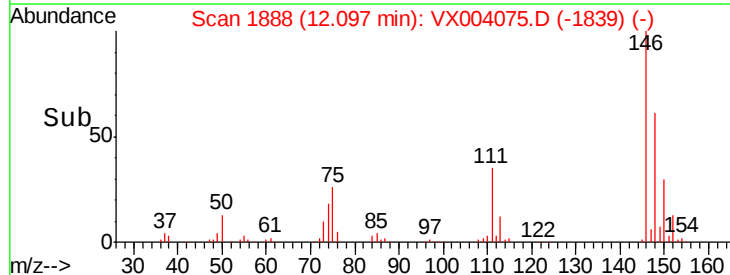
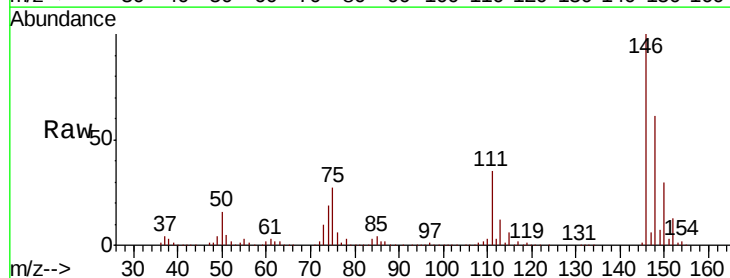
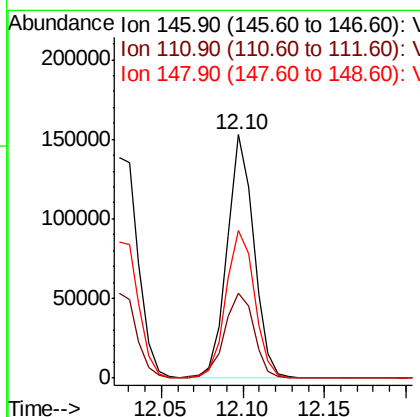
Manual Integrations
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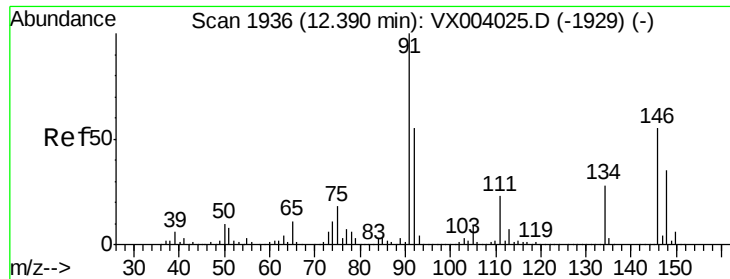
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 18.41 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	18.4	55.0
148	65.2	32.3	96.8





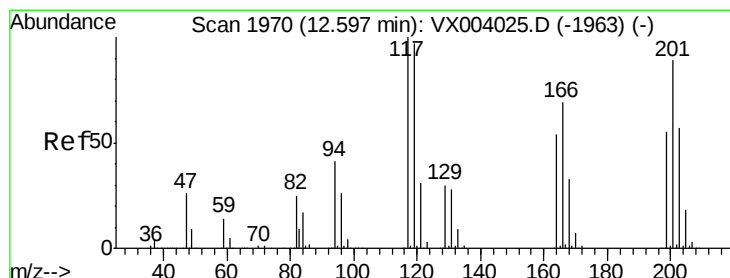
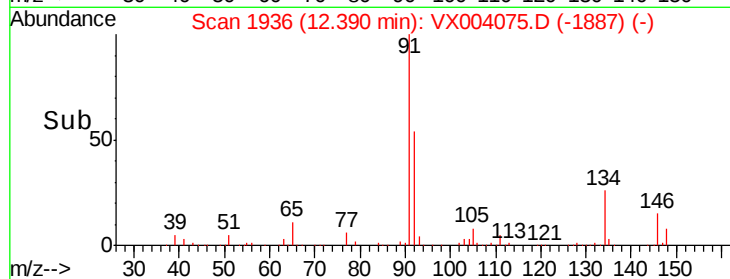
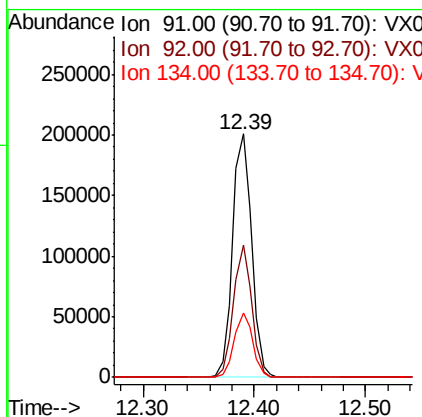
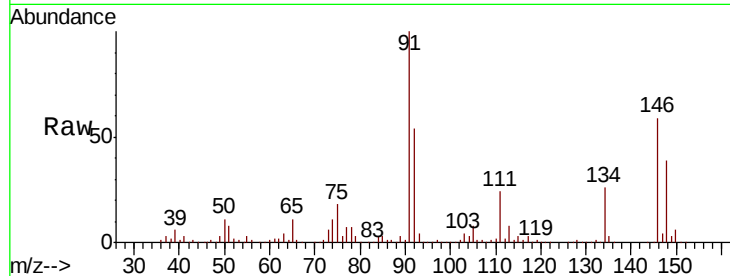
#89
n-Butylbenzene
Concen: 19.80 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Instrument :
MSVOA_X
ClientSampleId :
VX0815WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	237532		
92	51.9	27.1	81.3	
134	25.8	13.6	40.7	

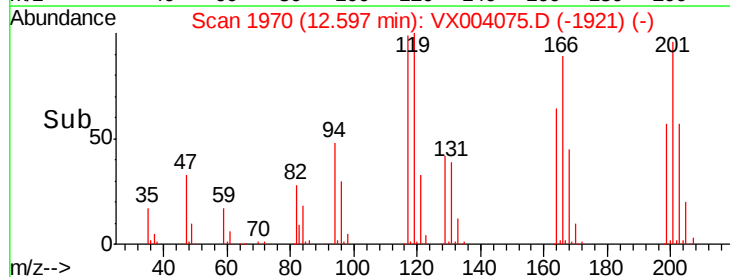
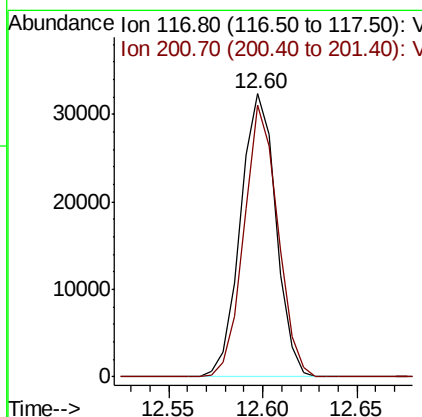
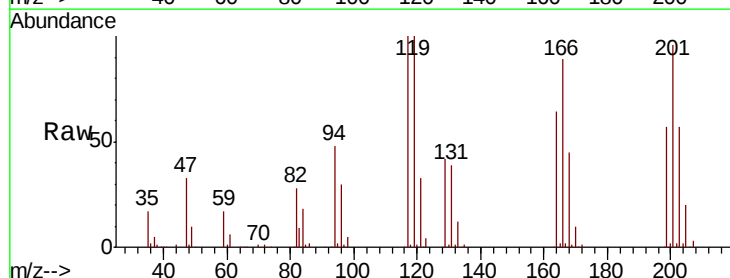
Manual Integrations
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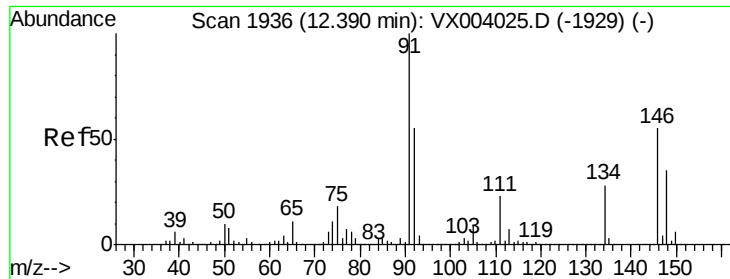
MMDadoda
8/16/2018 4:39:10 PM



#90
Hexachloroethane
Concen: 18.52 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004075.D
Acq: 15 Aug 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	42200		
119	91.6	46.1	138.2	
201				





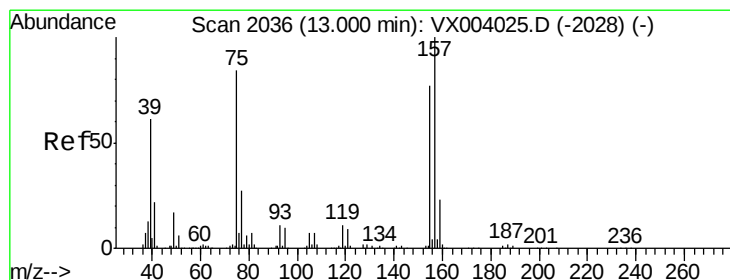
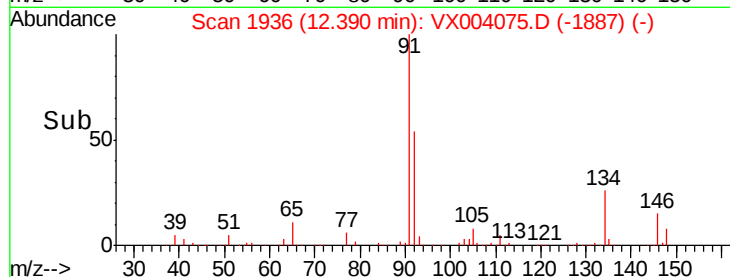
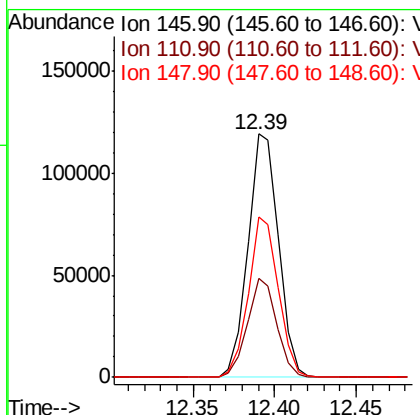
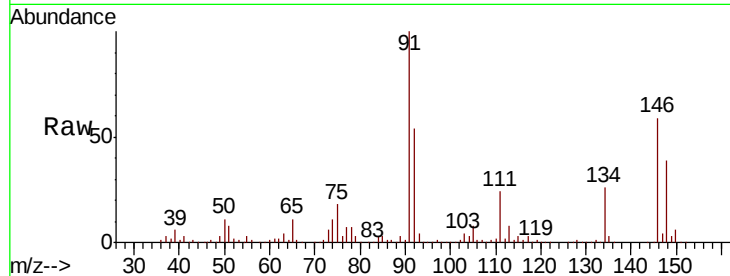
#91
 1,2-Dichlorobenzene
 Concen: 18.87 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.7	59.0
148	64.6	31.9	95.5

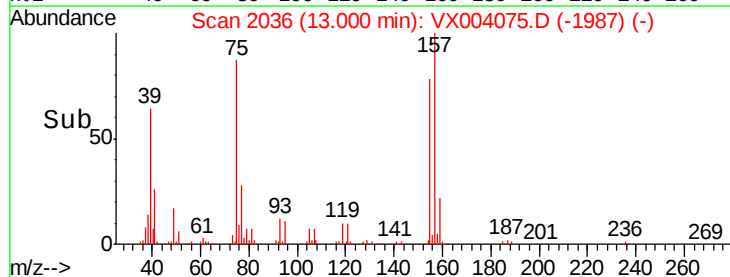
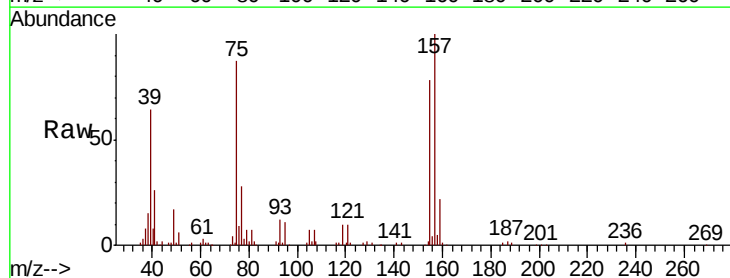
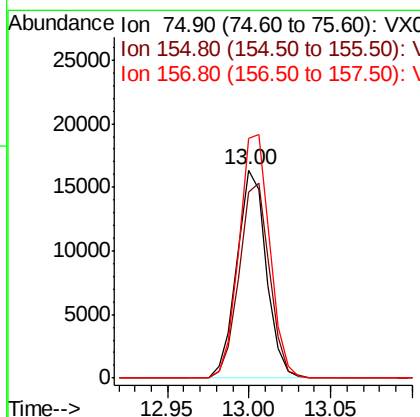
Manual Integrations
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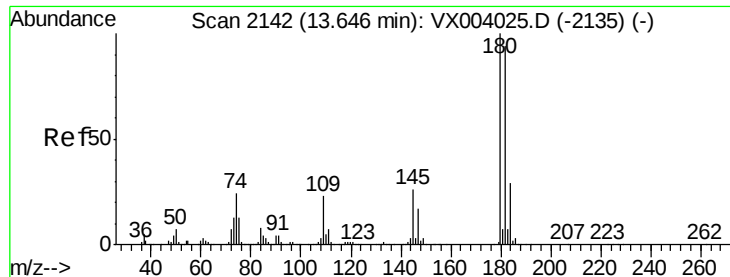
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.20 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.0	48.7	146.1
157	122.0	62.6	187.8





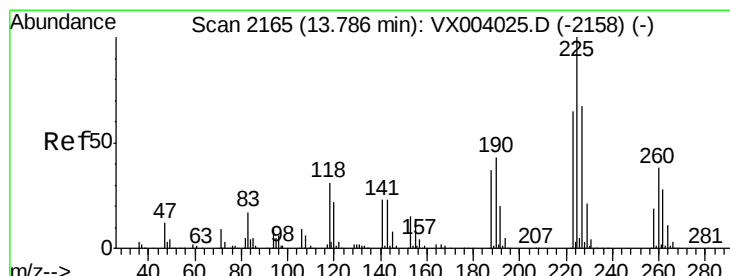
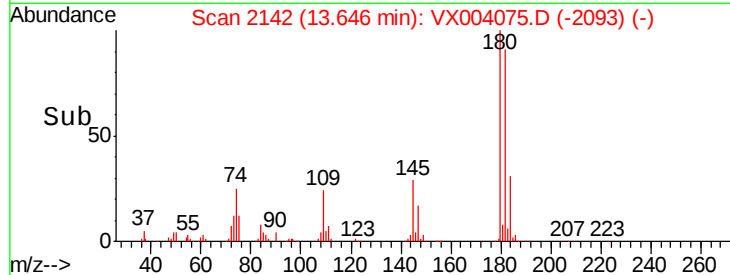
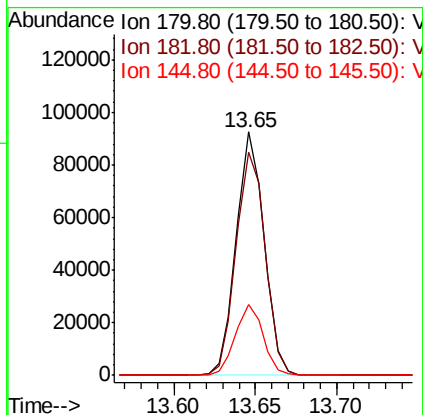
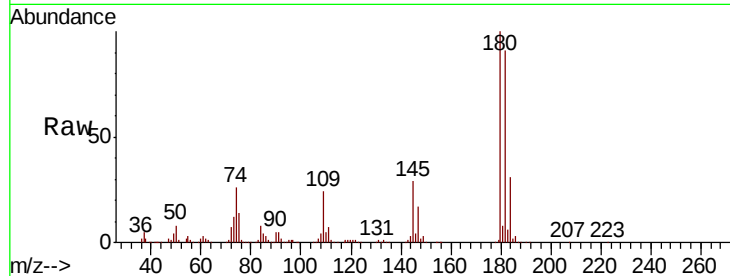
#93
 1,2,4-Trichlorobenzene
 Concen: 19.60 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	110594		
182	95.6	47.7	143.1	
145	28.9	13.9	41.6	

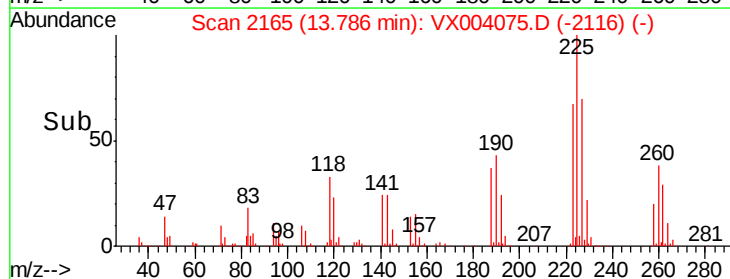
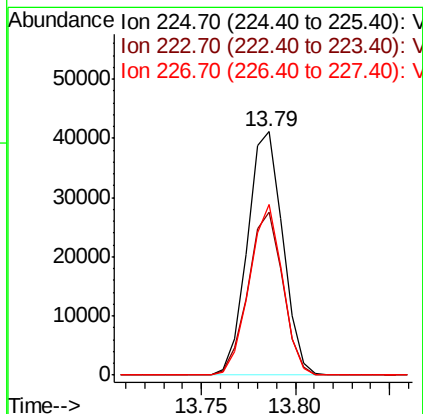
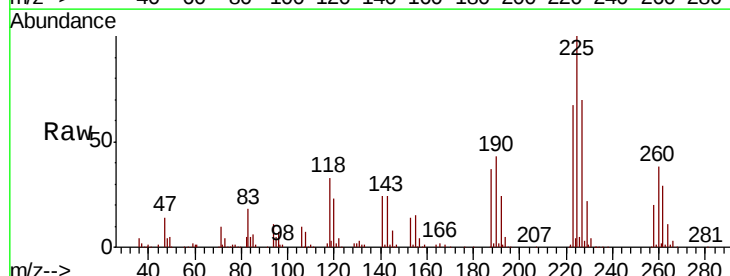
Manual Integrations
 APPROVED

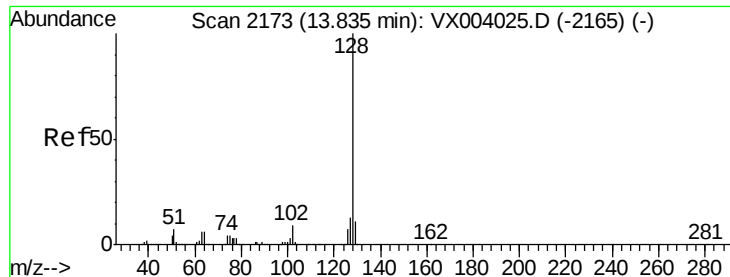
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 8/16/2018 4:39:10 PM



#94
 Hexachlorobutadiene
 Concen: 18.91 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004075.D
 Acq: 15 Aug 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	53476		
223	65.7	31.4	94.0	
227	65.7	32.1	96.5	





#95

Naphthalene

Concen: 21.17 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Instrument :

MSVOA_X

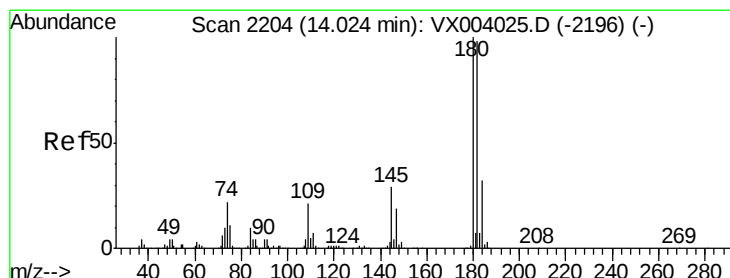
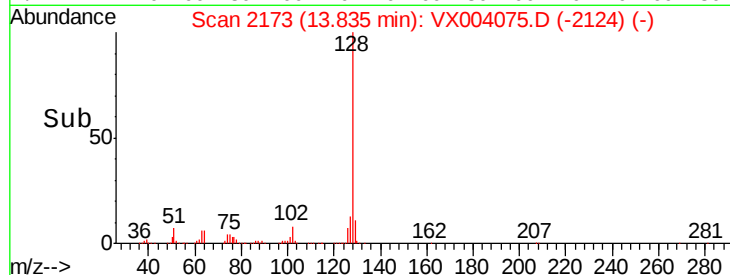
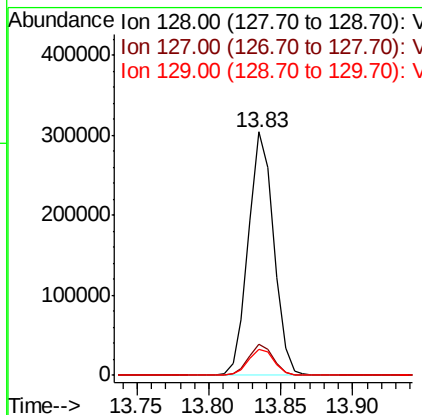
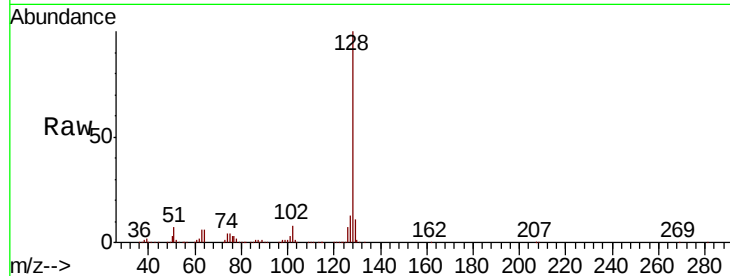
ClientSampleId :

VX0815WBS01

Tot Ion:	128	Resp:	368689
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.2
129	11.0	8.8	13.2

Manual Integrations
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8/16/2018 4:39:10 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.46 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX004075.D

Acq: 15 Aug 2018 16:27

Tgt Ion:	180	Resp:	125875
Ion Ratio	Lower	Upper	
180	100		
182	96.6	48.1	144.4
145	29.9	14.9	44.7

