

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072718\
 Data File : VX003717.D
 Acq On : 27 Jul 2018 15:18
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 7/30/2018 3:42:31 PM

Quant Time: Jul 27 15:36:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072718W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 27 14:47:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	22170	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	121638	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	116003	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	48534	32.05	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	106.83%
60) 4-Bromofluorobenzene	11.14	95	57539	30.87	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	102.90%
63) Toluene-d8	8.72	98	154000	30.03	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	154487	91.797	ug/l 100
3) Chloromethane	1.32	50	215342	128.837	ug/l 98
4) Vinyl Chloride	1.40	62	230520	126.491	ug/l 100
5) Bromomethane	1.64	94	125789	166.470	ug/l 100
6) Chloroethane	1.70	64	143760	132.353	ug/l 98
7) Trichlorofluoromethane	1.92	101	309951	127.662	ug/l 99
8) Diethyl Ether	2.19	74	134163	135.127	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	183246	123.297	ug/l 95
10) 1,1-Dichloroethene	2.37	96	178734	129.607	ug/l 94
11) Methyl Iodide	2.50	142	279657	191.648	ug/l 89
12) Methyl Acetate	2.78	43	331375	148.010	ug/l 96
13) Acrolein	2.29	56	151802	872.611	ug/l 99
14) Acrylonitrile	3.16	53	648182	769.287	ug/l 99
15) Acetone	2.45	58	167918	760.213	ug/l 83
16) Carbon Disulfide	2.56	76	512964	130.221	ug/l 99
17) Allyl chloride	2.72	41	368204	140.370	ug/l 92
18) Methylene Chloride	2.85	84	206997	127.909	ug/l 98
19) trans-1,2-Dichloroethene	3.16	96	190757	128.271	ug/l 100
20) Diisopropyl ether	3.87	45	698151	147.300	ug/l 98
21) 1,1-Dichloroethane	3.69	63	377159	135.682	ug/l 99
22) cis-1,2-Dichloroethene	4.60	96	210287	132.999	ug/l # 73
23) tert-Butyl Alcohol	3.10	59	270502	773.218	ug/l 100
24) Methyl tert-Butyl Ether	3.21	73	634702	137.810	ug/l 92
25) Chloroform	5.22	83	348529	139.228	ug/l 99
26) Cyclohexane	5.57	56	315942	145.600	ug/l # 96
29) 1,1-Dichloropropene	5.80	75	265483	138.423	ug/l 99
30) 2-Butanone	4.72	43	826965	771.679	ug/l 95
31) 2,2-Dichloropropane	4.59	77	244777	118.172	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	302853	139.479	ug/l 98
33) Carbon Tetrachloride	5.78	117	266309	139.751	ug/l 95
34) Benzene	6.15	78	794936	140.756	ug/l 99
35) Methacrylonitrile	5.07	41	176177	155.392	ug/l 92
36) 1,2-Dichloroethane	6.20	62	277198	141.145	ug/l 96
37) Trichloroethene	7.21	130	207261	132.708	ug/l 97
38) Methylcyclohexane	7.46	83	311868	143.866	ug/l 97
39) 1,2-Dichloropropane	7.52	63	211503	144.938	ug/l 97
40) Dibromomethane	7.66	93	135418	141.307	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	267875	149.588	ug/l	98
42) Vinyl Acetate	3.83	43	3004565	729.793	ug/l	99
43) Ethyl Acetate	4.87	43	310055	152.322	ug/l	96
44) Isopropyl Acetate	6.48	43	494544	158.511	ug/l	95
45) 1,4-Dioxane	7.76	88	111069	3335.285	ug/l #	85
46) Methyl methacrylate	7.79	41	260470	161.443	ug/l	90
47) n-amyl Acetate	10.90	43	492180	183.150	ug/l #	90
48) t-1,3-Dichloropropene	8.44	75	331919	152.294	ug/l	100
49) cis-1,3-Dichloropropene	9.05	75	316773	160.495	ug/l	92
50) 1,1,2-Trichloroethane	9.22	97	207539	143.584	ug/l	99
51) Ethyl methacrylate	9.19	69	349233	165.794	ug/l	85
52) 1,3-Dichloropropane	9.38	76	349037	147.022	ug/l	99
53) Dibromochloromethane	9.59	129	221892	153.610	ug/l	100
54) 1,2-Dibromoethane	9.68	107	219889	146.695	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	887295	892.846	ug/l	100
56) Bromoform	10.86	173	185786	168.218	ug/l	100
58) 4-Methyl-2-Pentanone	8.66	43	1692327	818.956	ug/l	93
59) 2-Hexanone	9.51	43	1334986	843.488	ug/l	93
61) Tetrachloroethene	9.34	164	191882	108.074	ug/l	98
62) Toluene	8.79	91	881242	139.240	ug/l	99
64) Chlorobenzene	10.14	112	574581	137.097	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	210711	141.744	ug/l	98
66) Ethyl Benzene	10.26	91	1010254	144.454	ug/l	99
67) m/p-Xylenes	10.37	106	782710	287.625	ug/l	98
68) o-Xylene	10.70	106	380315	145.252	ug/l	98
69) Styrene	10.71	104	654334	150.337	ug/l	97
70) Isopropylbenzene	11.02	105	1013820	146.029	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	355561	163.296	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	291256m	114.364	ug/l	
73) Bromobenzene	11.26	156	267343	138.530	ug/l	99
74) n-propylbenzene	11.37	91	1198198	148.177	ug/l	100
75) 2-Chlorotoluene	11.43	91	695022	143.693	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	880799	149.926	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	116104	190.892	ug/l	95
78) 4-Chlorotoluene	11.51	91	832779	147.392	ug/l	100
79) tert-butylbenzene	12.07	119	927089	149.001	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	898389	150.493	ug/l	98
81) sec-Butylbenzene	11.95	105	1027632	147.851	ug/l	99
82) p-Isopropyltoluene	12.07	119	927089	149.001	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	504933	141.216	ug/l	100
84) 1,4-Dichlorobenzene	12.10	146	511157	141.637	ug/l	100
85) n-Butylbenzene	12.39	91	853143	156.172	ug/l	100
86) Hexachloroethane	12.60	117	156747	171.141	ug/l	96
87) 1,2-Dichlorobenzene	12.40	146	515639	144.262	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.01	75	82967	183.408	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	370457	144.360	ug/l	100
90) Hexachlorobutadiene	13.79	225	159421	126.790	ug/l	99
91) Naphthalene	13.84	128	1127954	152.408	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	354260	136.171	ug/l	100

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ClientSampleId :
VSTDICC150

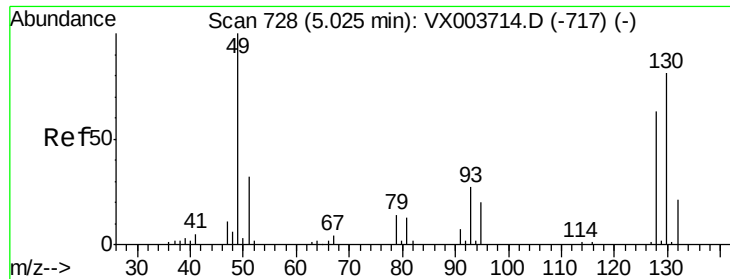
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :

MSVOA_X

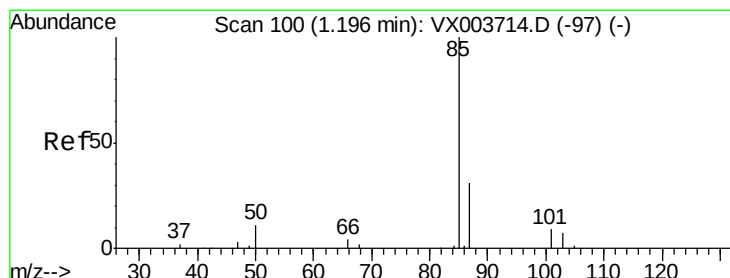
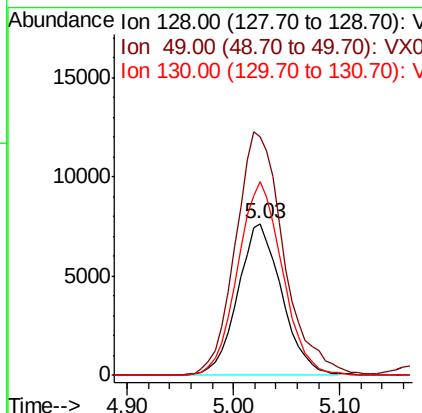
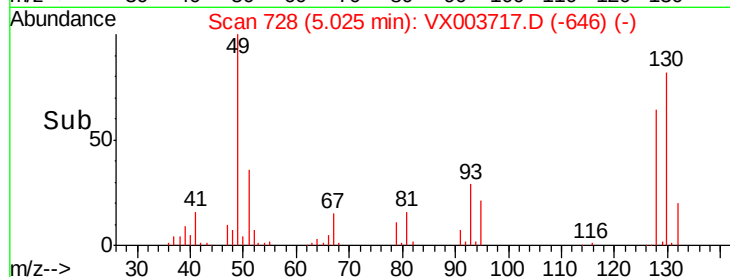
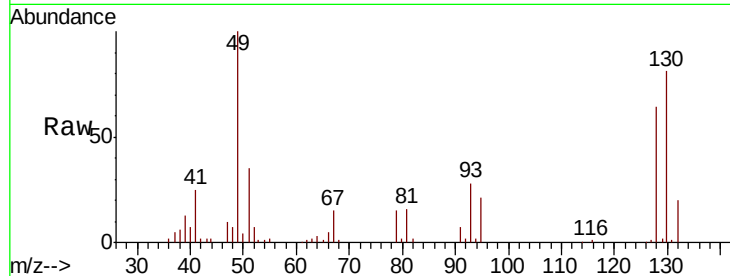
ClientSampleId :

VSTDIC150

Tot Ion:	128	Resp:	22170
Ion	Ratio	Lower	Upper
128	100		
49	176.6	0.0	423.0
130	129.7	0.0	324.3

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#2

Dichlorodifluoromethane

Concen: 91.797 ug/l

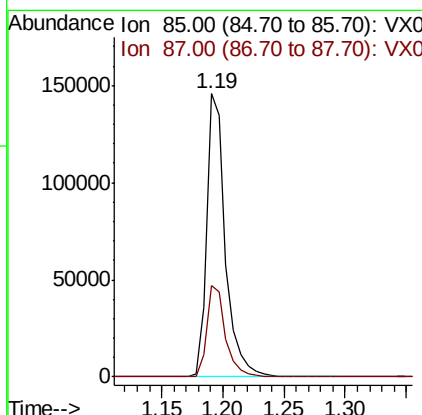
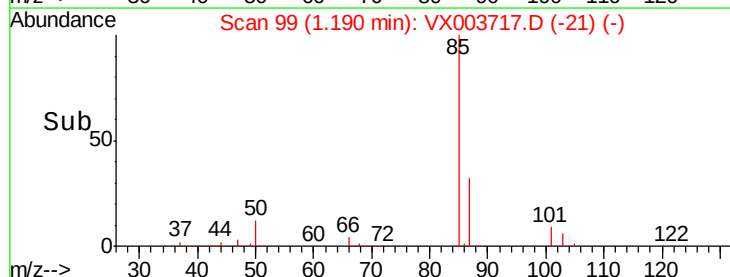
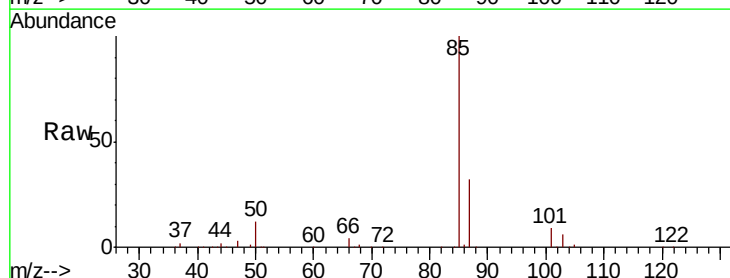
RT: 1.19 min Scan# 99

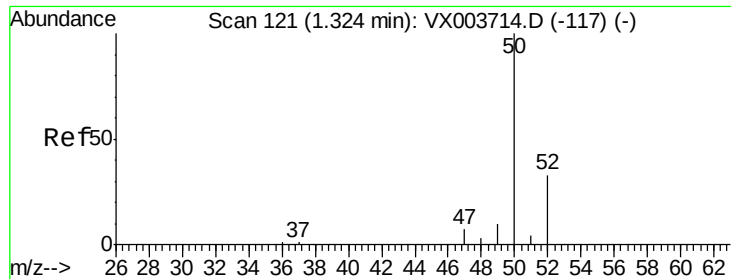
Delta R.T. -0.01 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Tgt Ion:	85	Resp:	154487
Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.2	48.5





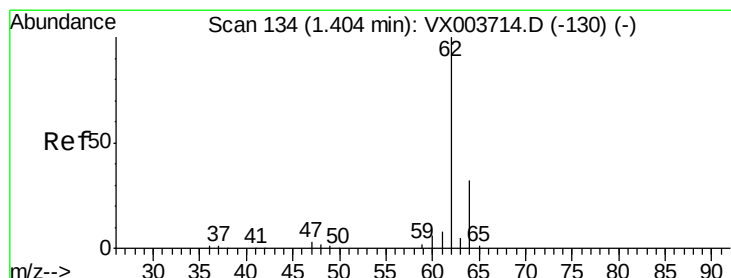
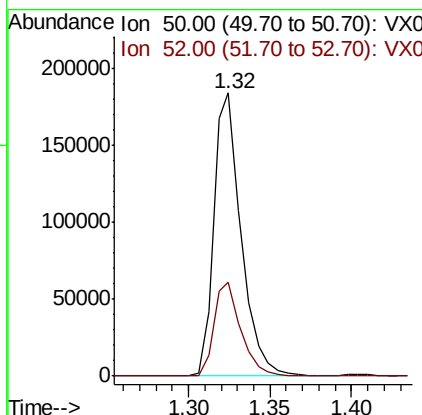
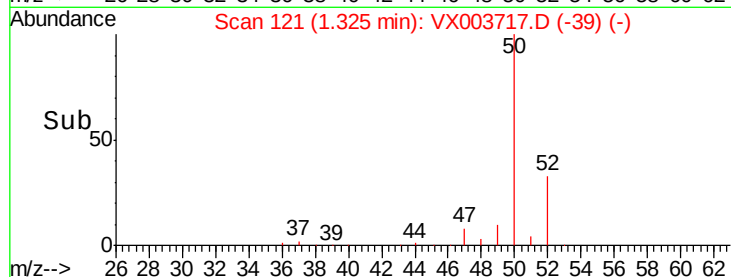
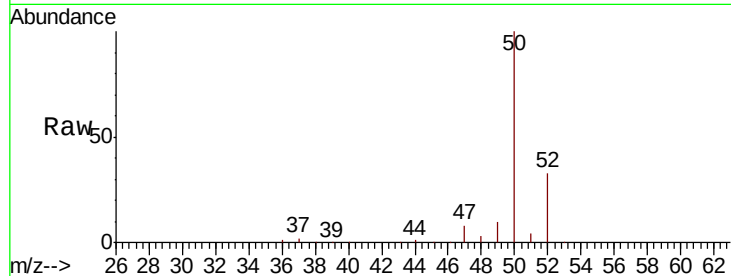
#3
Chloromethane
Concen: 128.837 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
50	100		
52	33.0	25.6	38.4

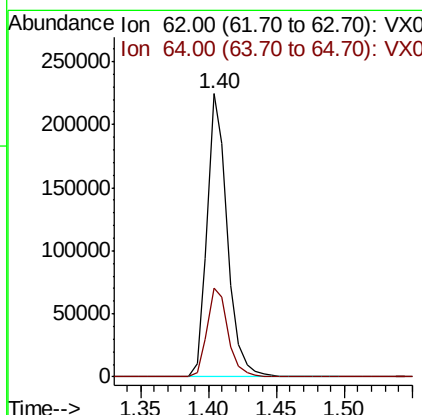
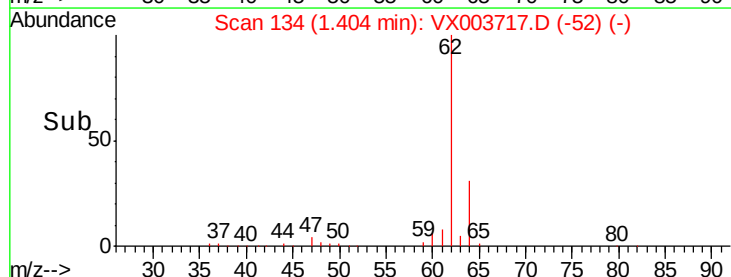
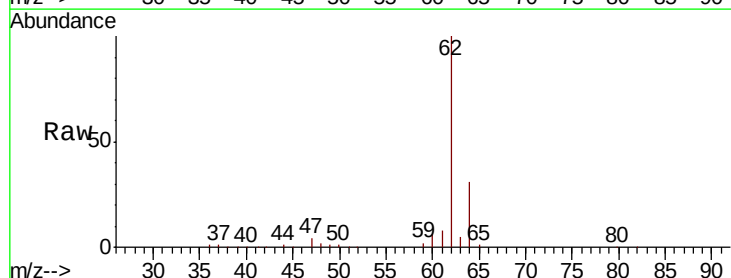
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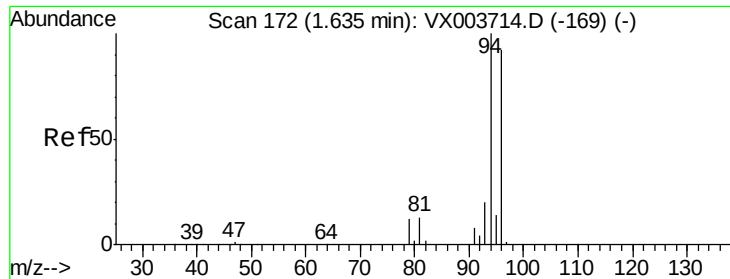
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#4
Vinyl Chloride
Concen: 126.491 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.4	25.3	37.9





#5

Bromomethane

Concen: 166.470 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 94 Resp: 125789

Ion Ratio Lower Upper

94 100

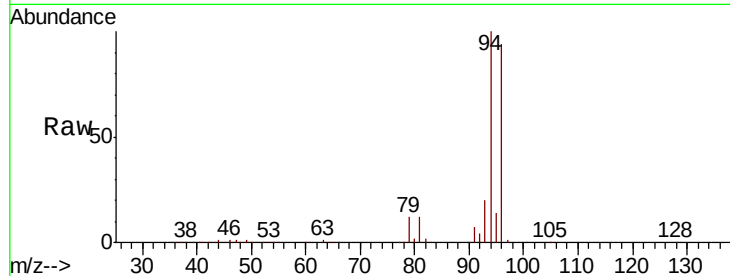
96 94.4 75.7 113.5

Manual Integrations

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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

150000

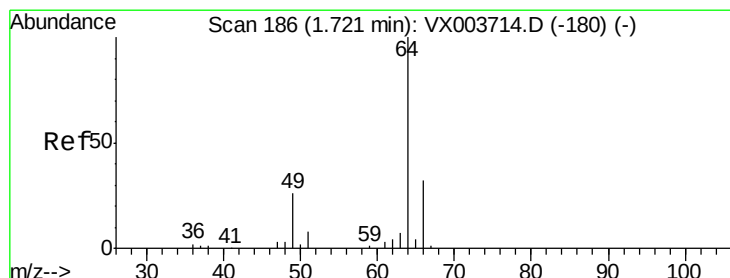
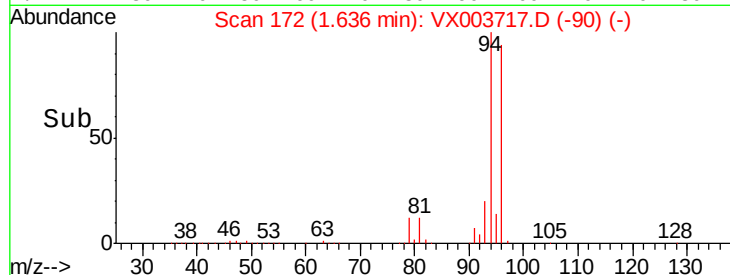
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50000

0

1.60 1.65 1.70 1.75

Time-->



#6

Chloroethane

Concen: 132.353 ug/l

RT: 1.70 min Scan# 183

Delta R.T. -0.02 min

Lab File: VX003717.D

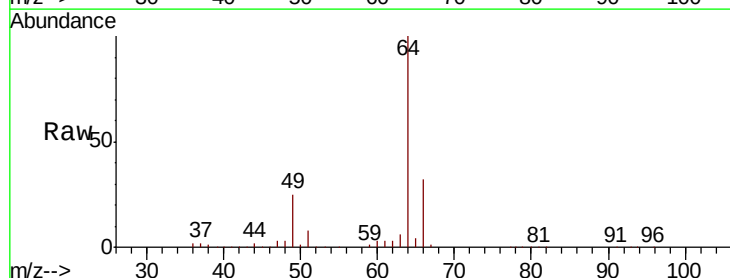
Acq: 27 Jul 2018 15:18

Tgt Ion: 64 Resp: 143760

Ion Ratio Lower Upper

64 100

66 31.7 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

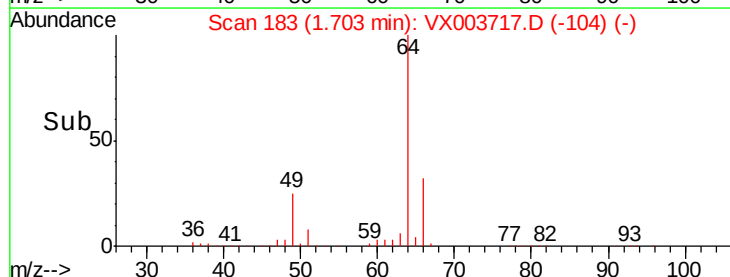
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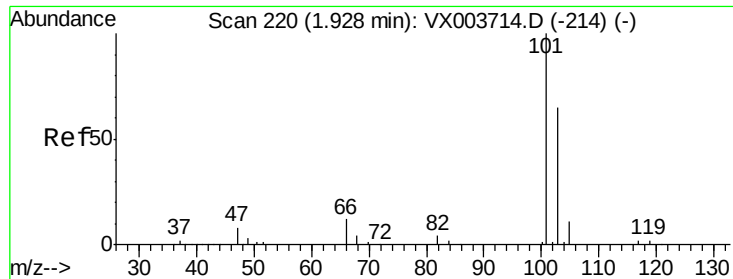
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1.65 1.70 1.75 1.80

Time-->





#7

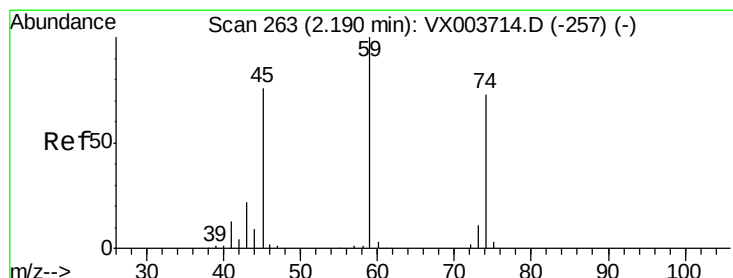
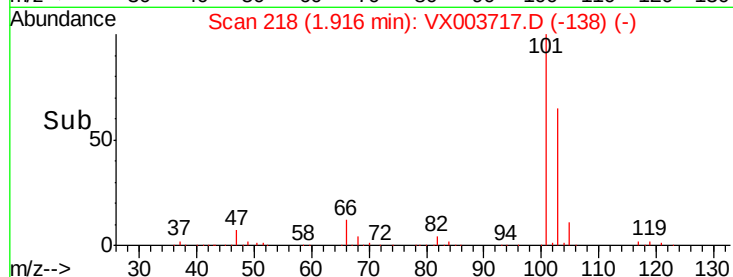
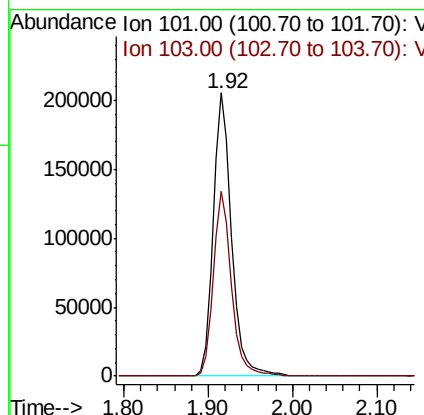
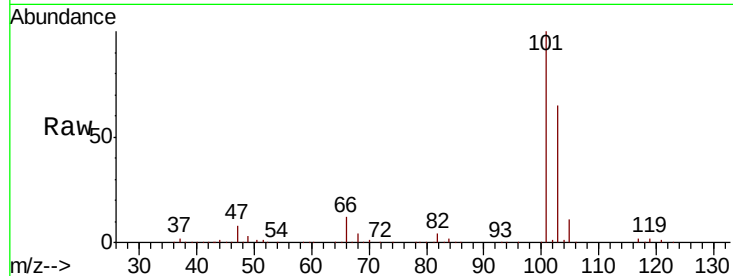
Trichlorofluoromethane
 Concen: 127.662 ug/l
 RT: 1.92 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

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 VSTDIC150

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.5	77.3

Manual Integrations
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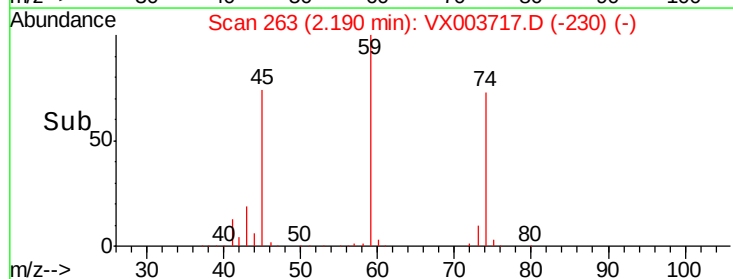
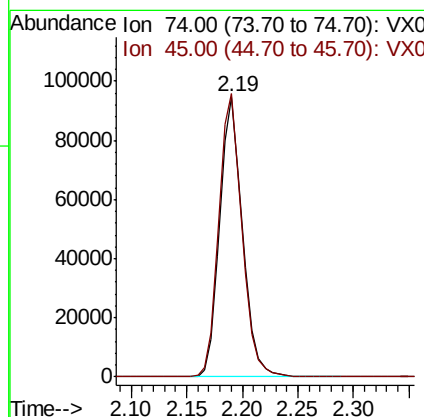
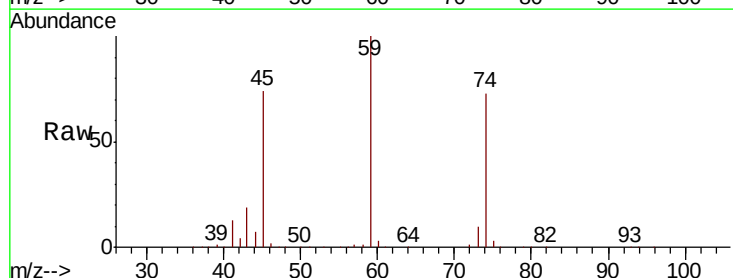
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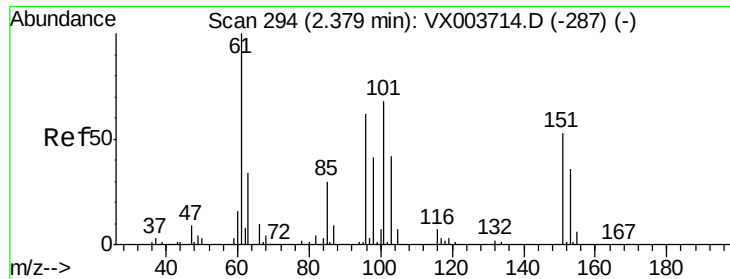


#8

Diethyl Ether
 Concen: 135.127 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.9	20.5	184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 123.297 ug/l

RT: 2.37 min Scan# 293

Delta R.T. -0.01 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :

MSVOA_X

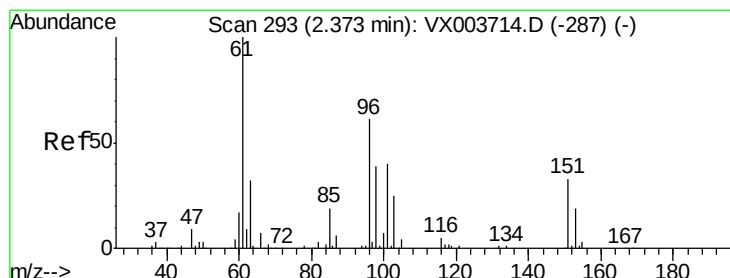
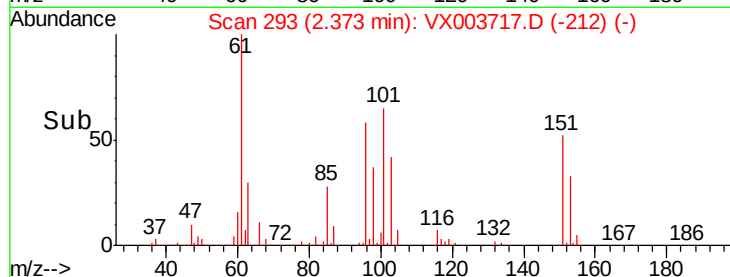
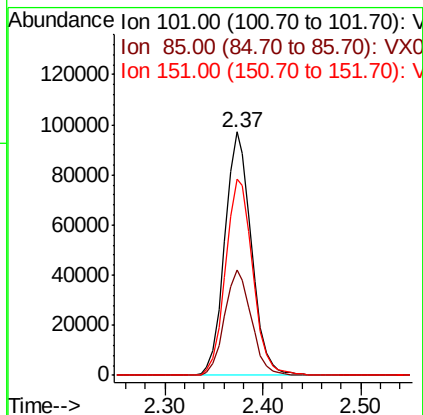
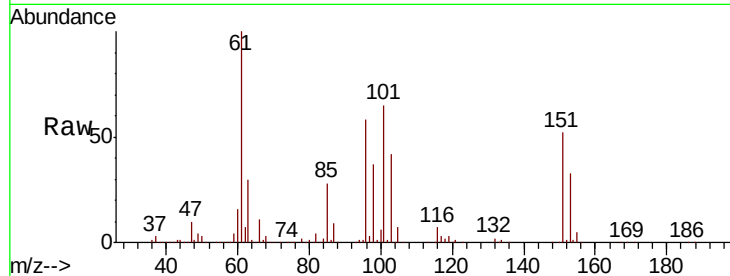
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	183246
Ion Ratio	Lower	Upper	
101	100		
85	43.6	0.0	87.0
151	82.3	0.0	177.6

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 129.607 ug/l

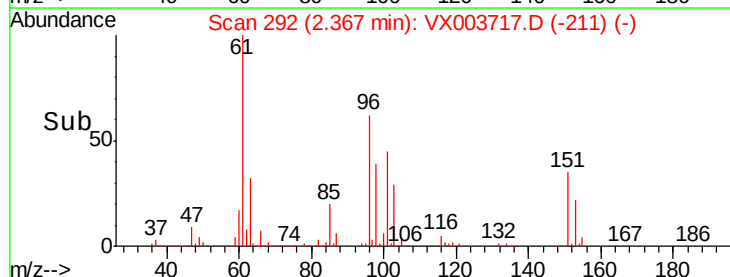
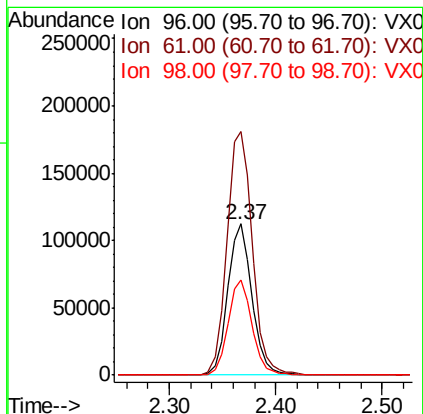
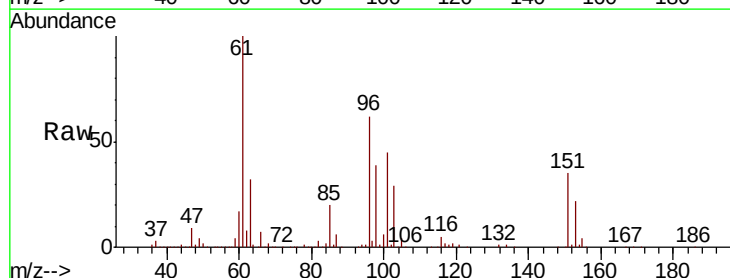
RT: 2.37 min Scan# 292

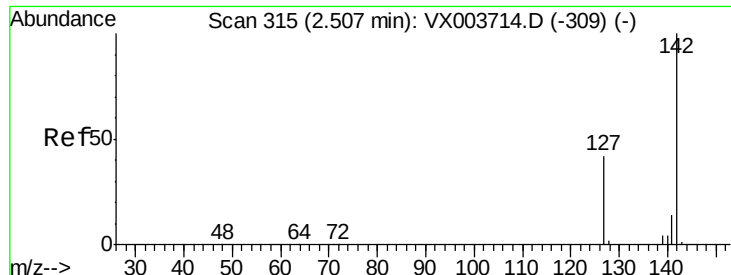
Delta R.T. -0.01 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Tgt Ion:	96	Resp:	178734
Ion Ratio	Lower	Upper	
96	100		
61	161.2	137.5	206.3
98	63.3	51.4	77.2





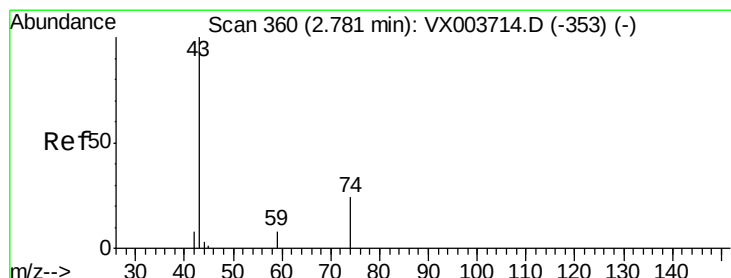
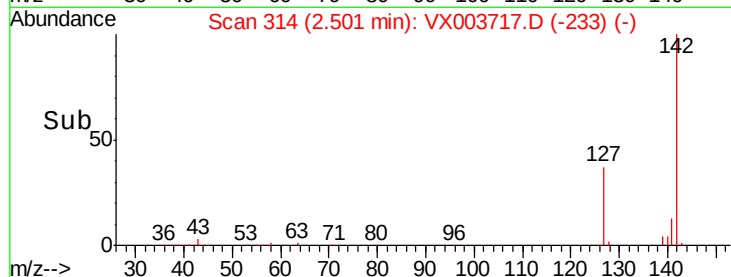
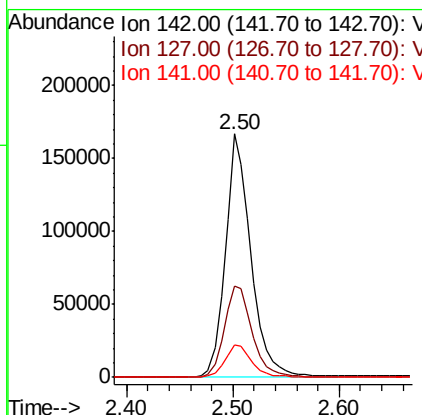
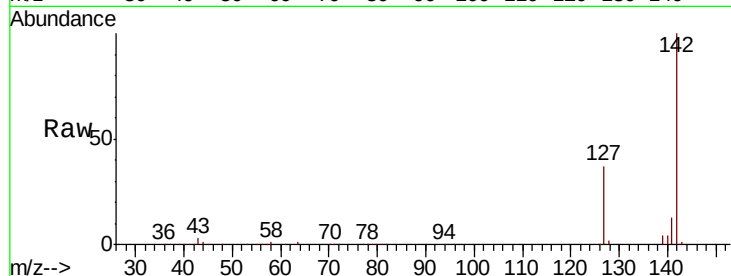
#11
Methyl Iodide
Concen: 191.648 ug/l
RT: 2.50 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
142	100		
127	37.3	23.2	69.6
141	13.1	7.4	22.2

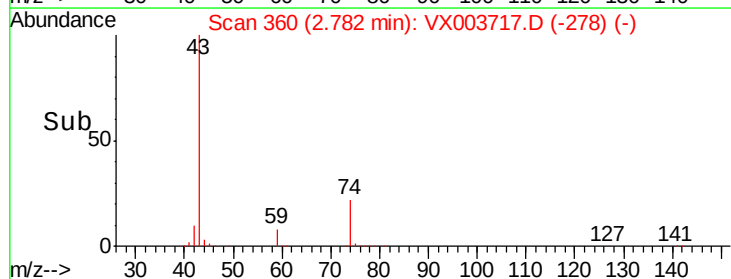
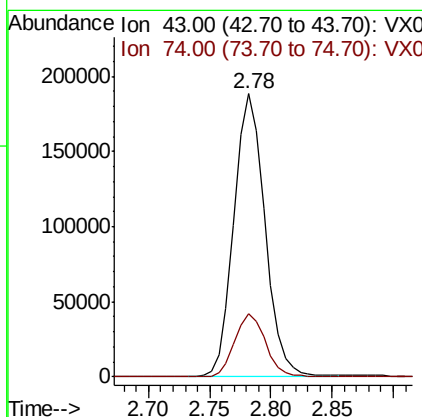
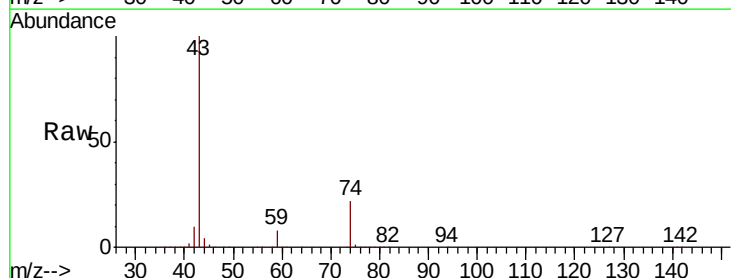
Manual Integrations
APPROVED

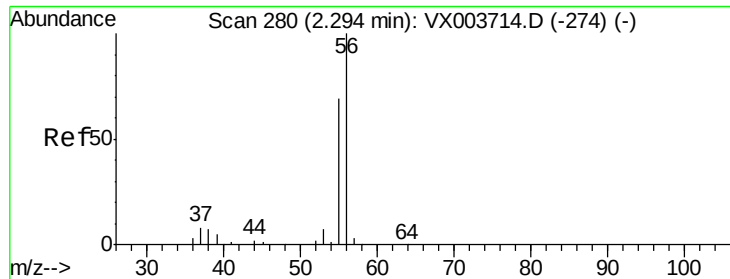
MMDadoda
7/30/2018 3:42:31 PM



#12
Methyl Acetate
Concen: 148.010 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.1	16.4	24.6





#13

Acrolein

Concen: 872.611 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 56 Resp: 151802

Ion Ratio Lower Upper

56 100

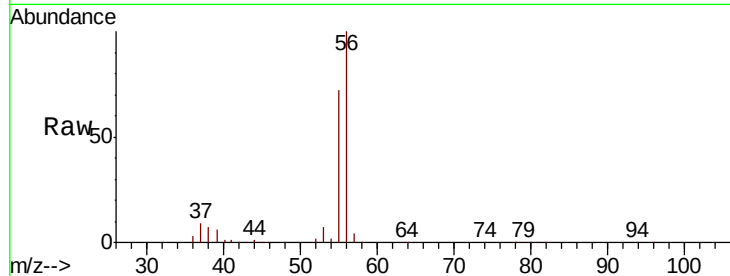
55 71.2 57.3 85.9

Manual Integrations

APPROVED

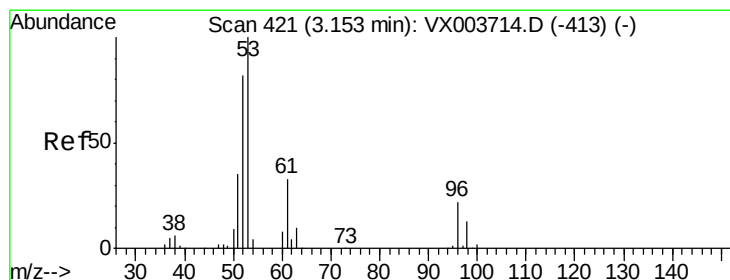
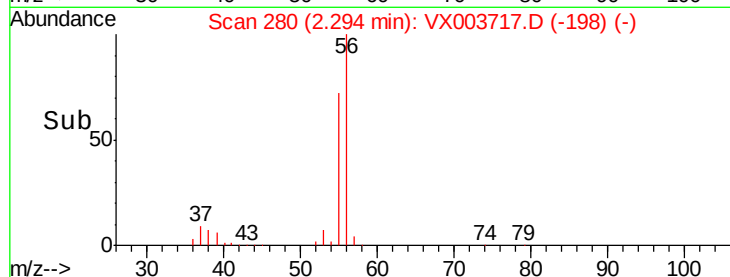
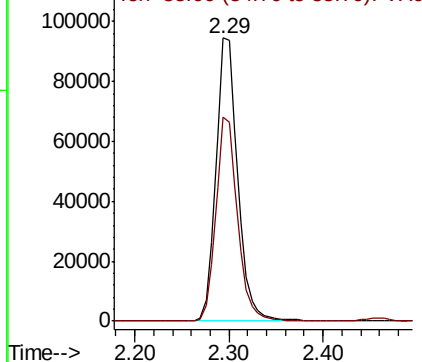
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 769.287 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

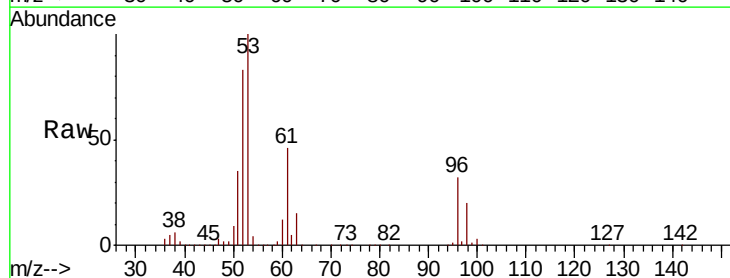
Tgt Ion: 53 Resp: 648182

Ion Ratio Lower Upper

53 100

52 81.9 41.5 124.6

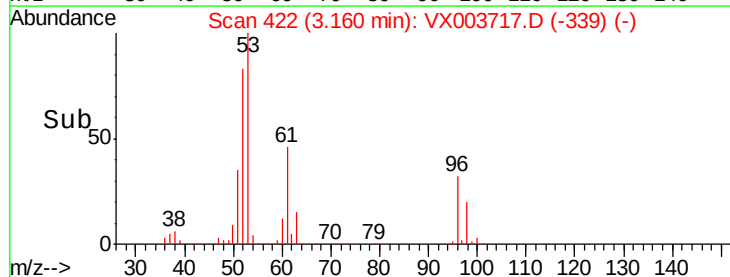
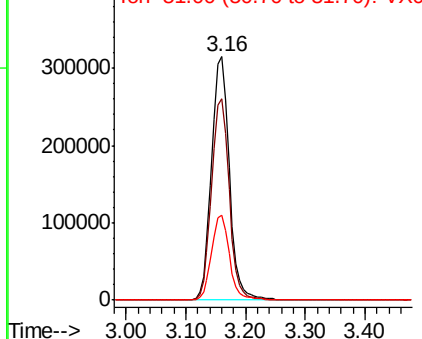
51 35.2 17.9 53.8

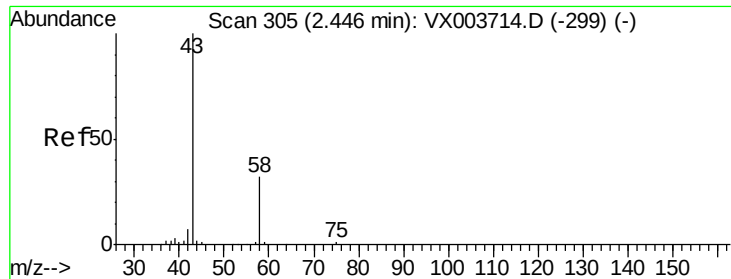


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 760.213 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 58 Resp: 167918

Ion Ratio Lower Upper

58 100

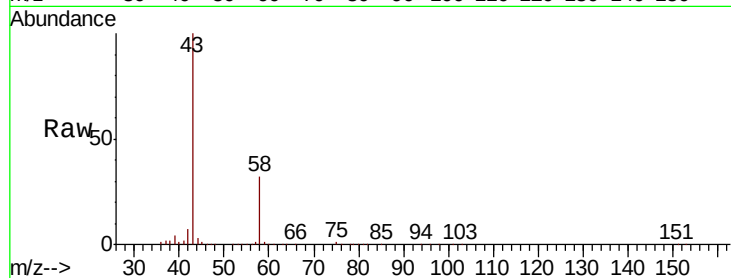
43 312.2 278.8 418.2

Manual Integrations

APPROVED

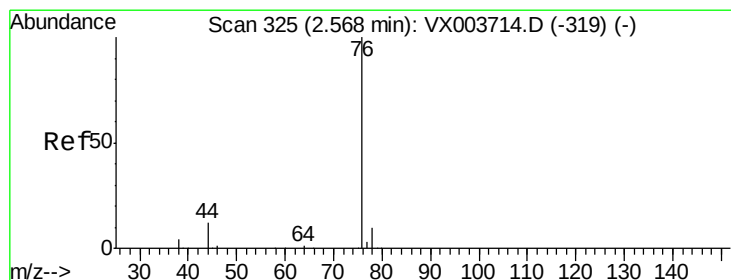
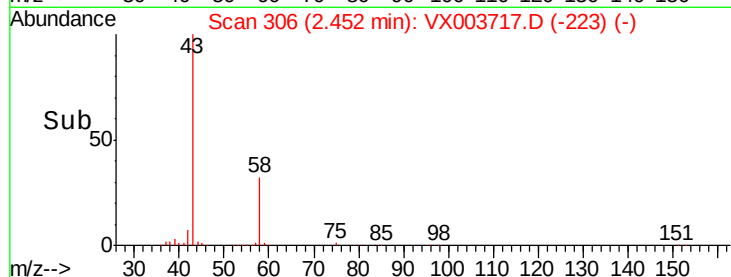
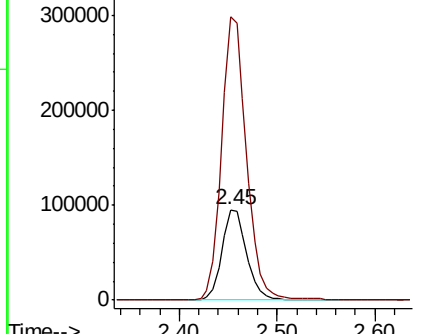
MMDadoda

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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 130.221 ug/l

RT: 2.56 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX003717.D

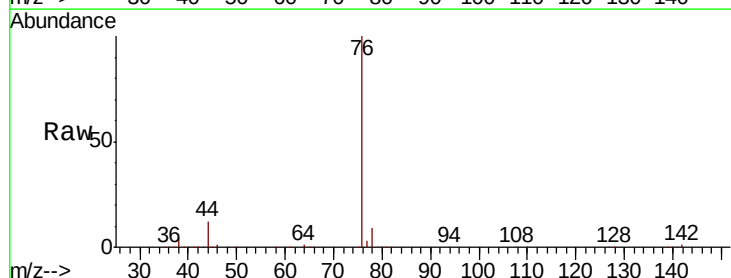
Acq: 27 Jul 2018 15:18

Tgt Ion: 76 Resp: 512964

Ion Ratio Lower Upper

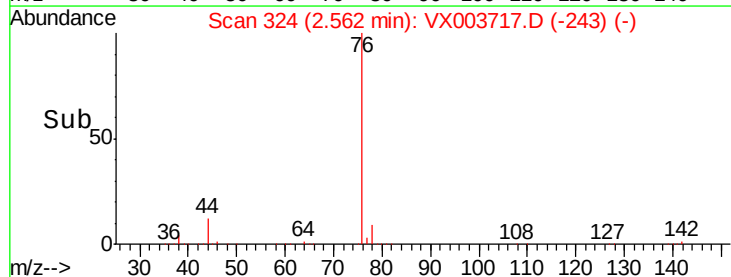
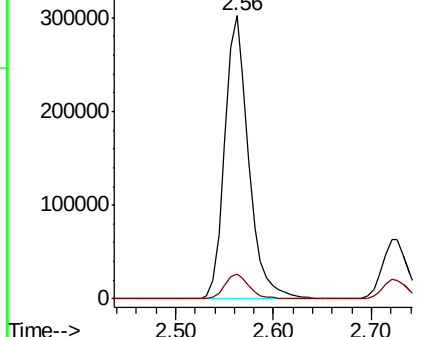
76 100

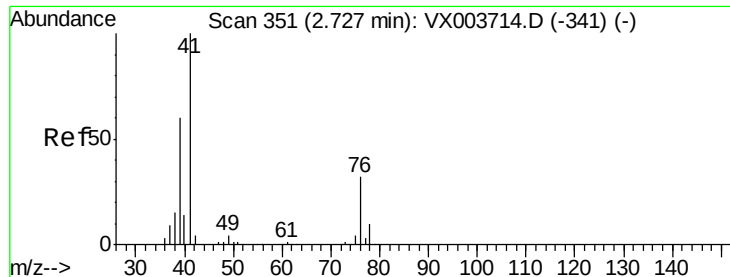
78 9.0 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





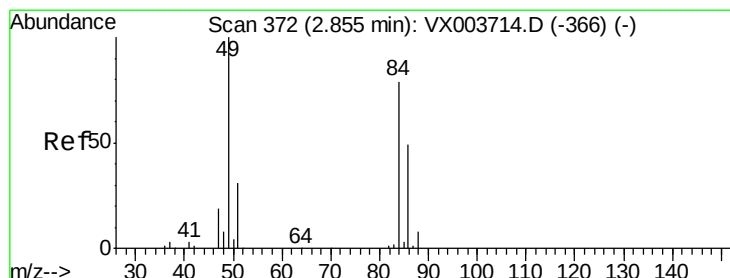
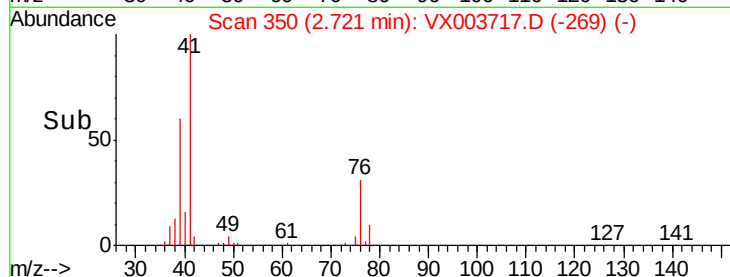
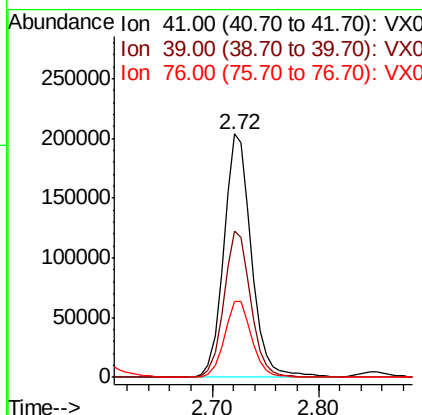
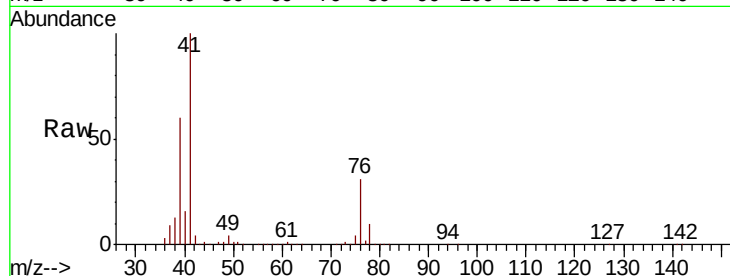
#17
Allvl chloride
Concen: 140.370 ug/l
RT: 2.72 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion:	41	Resp:	368204
Ion	Ratio	Lower	Upper
41	100		
39	60.0	34.6	103.8
76	30.9	15.0	45.1

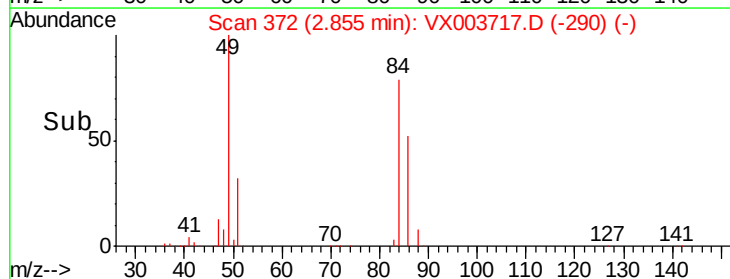
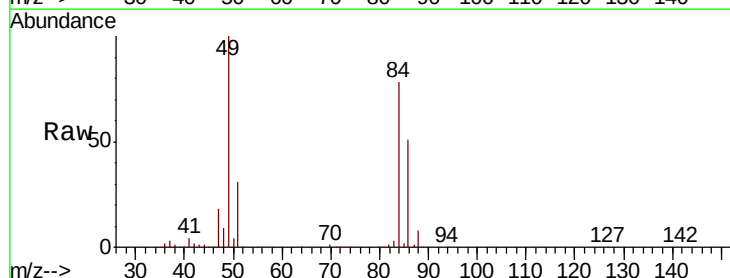
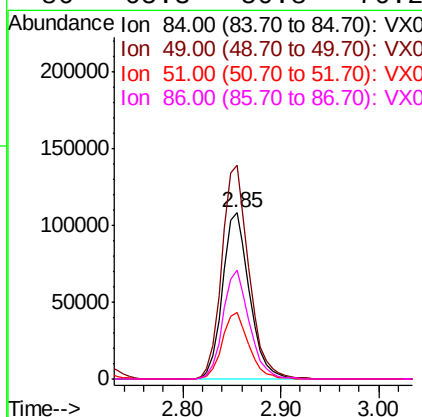
Manual Integrations
APPROVED

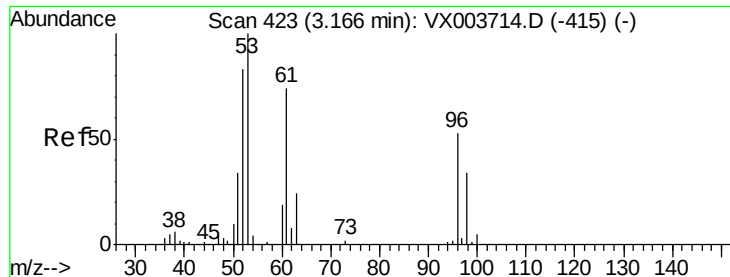
MMDadoda
7/30/2018 3:42:31 PM



#18
Methylene Chloride
Concen: 127.909 ug/l
RT: 2.85 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Tgt Ion:	84	Resp:	206997
Ion	Ratio	Lower	Upper
84	100		
49	128.4	104.7	157.1
51	39.9	31.0	46.4
86	65.3	50.8	76.2





#19

trans-1,2-Dichloroethene

Concen: 128.271 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :

MSVOA_X

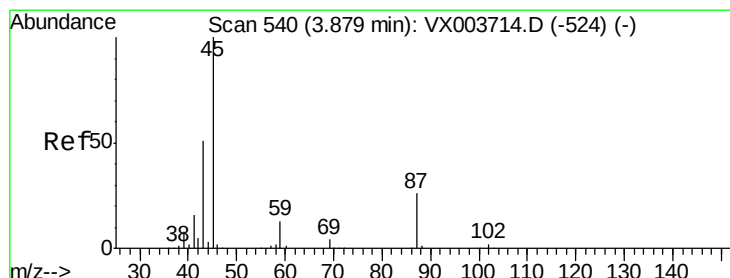
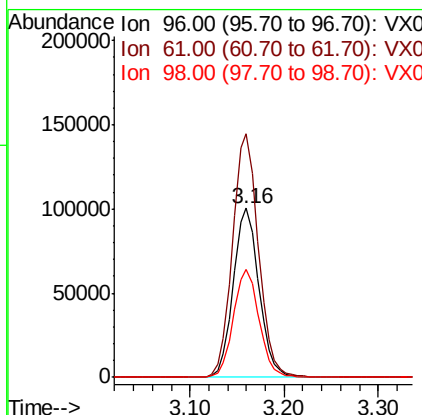
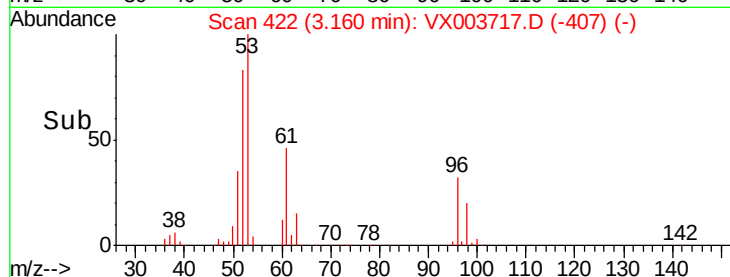
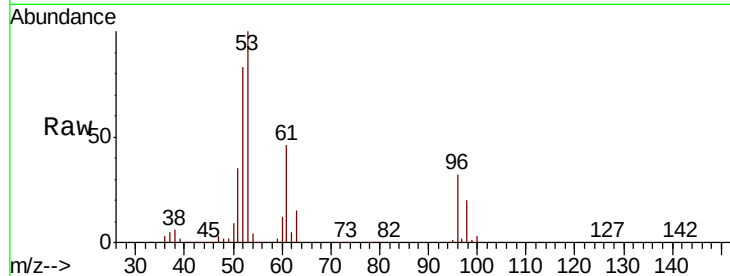
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	190757
Ion	Ratio	Lower	Upper
96	100		
61	143.7	114.6	172.0
98	63.9	51.3	76.9

Manual Integrations
APPROVED

MMDadoda
7/30/2018 3:42:31 PM



#20

Diisopropyl ether

Concen: 147.300 ug/l

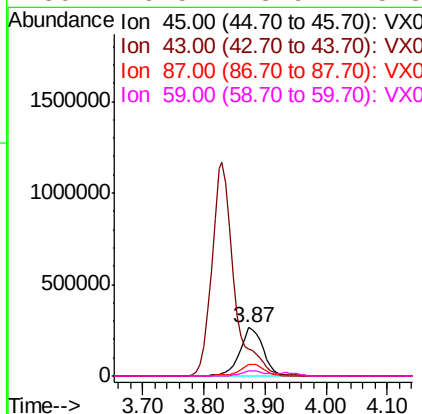
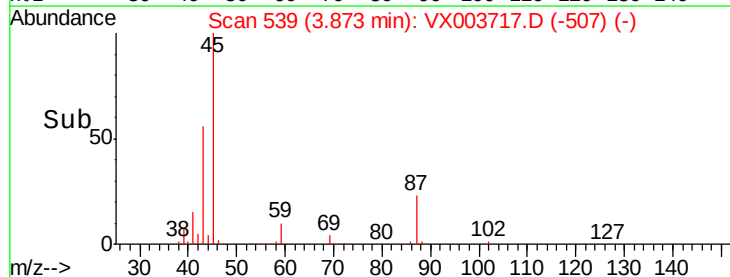
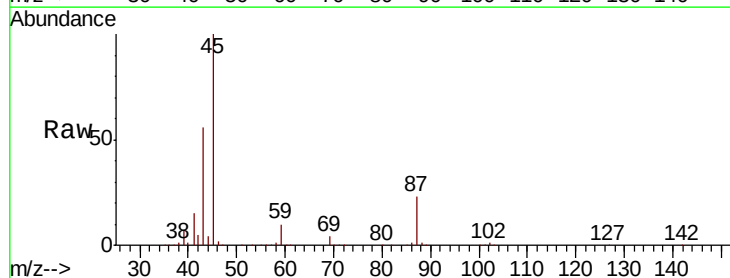
RT: 3.87 min Scan# 539

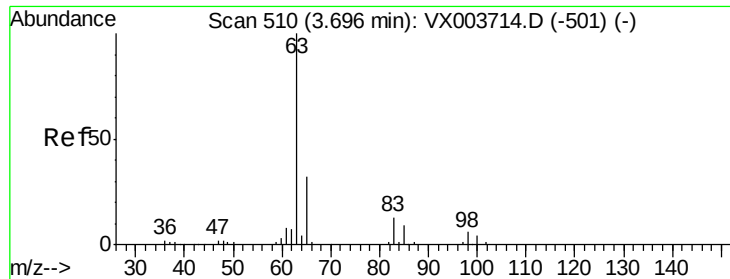
Delta R.T. -0.01 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Tgt Ion:	45	Resp:	698151
Ion	Ratio	Lower	Upper
45	100		
43	56.2	45.6	68.4
87	23.2	20.7	31.1
59	10.5	8.9	13.3





#21

1,1-Dichloroethane

Concen: 135.682 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.01 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :

MSVOA_X

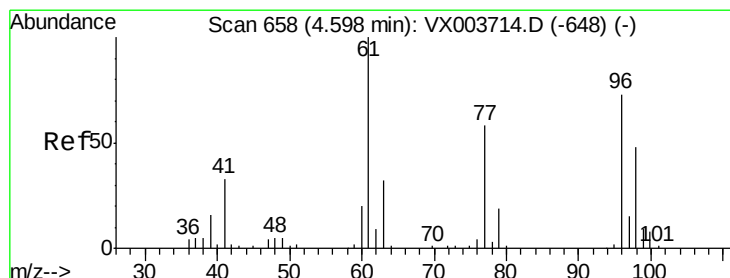
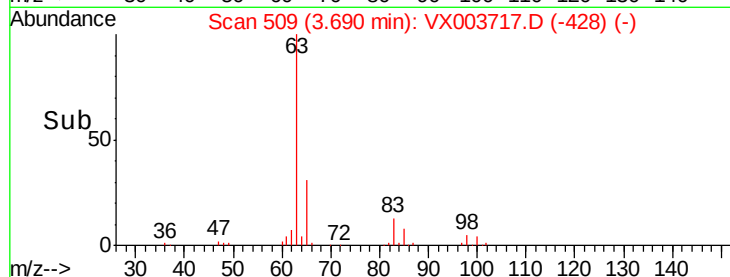
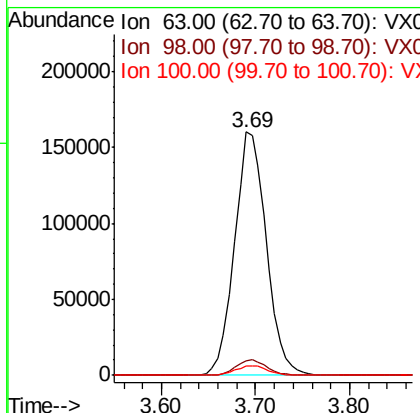
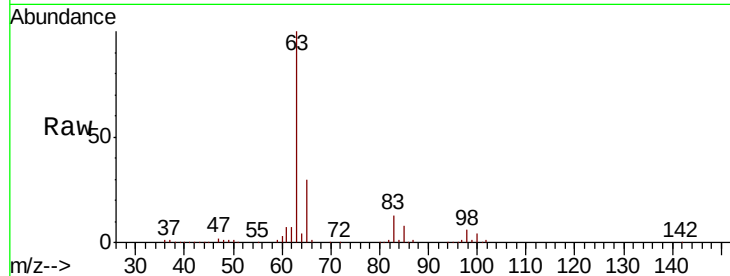
ClientSampleId :

VSTDIC150

Tot Ion:	63	Resp:	377159
Ion Ratio	Lower	Upper	
63	100		
98	6.1	3.1	9.3
100	3.9	2.2	6.6

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 132.999 ug/l

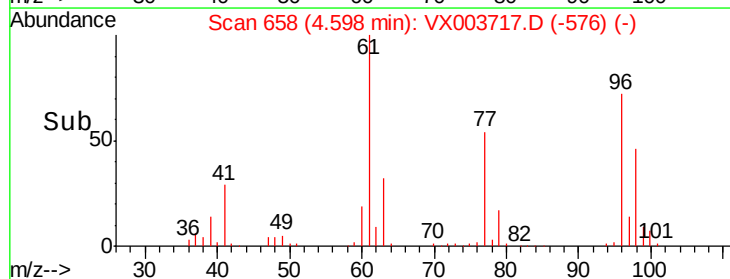
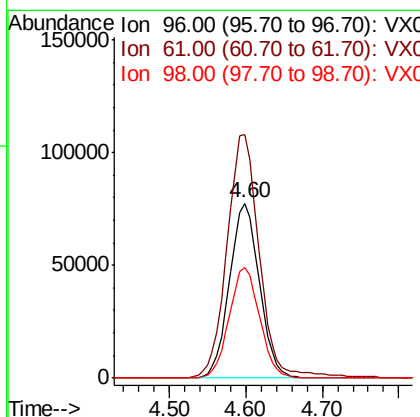
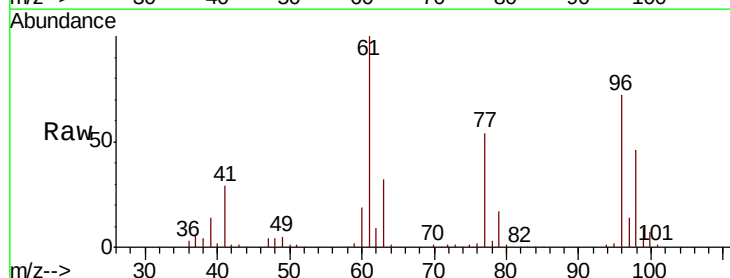
RT: 4.60 min Scan# 658

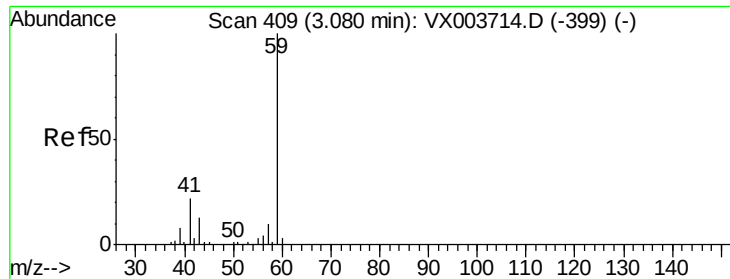
Delta R.T. 0.00 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Tgt Ion:	96	Resp:	210287
Ion Ratio	Lower	Upper	
96	100		
61	147.5	160.2	240.2#
98	64.6	54.1	81.1





#23

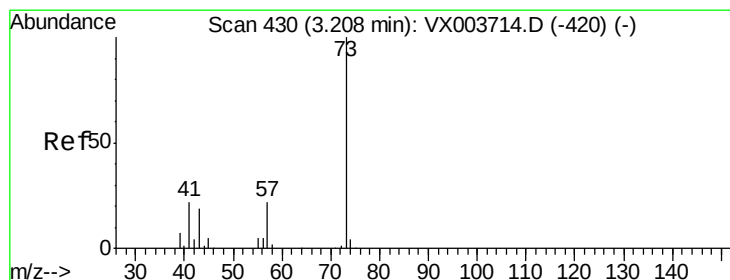
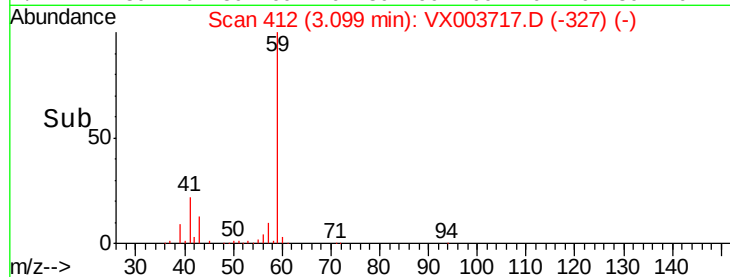
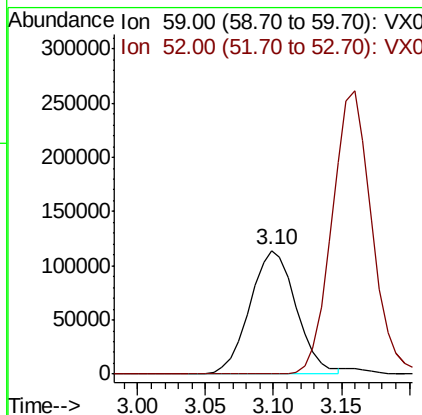
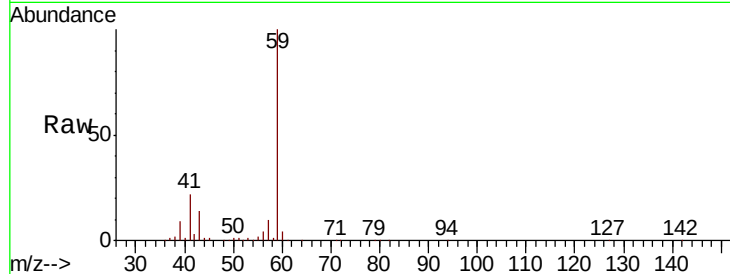
tert-Butyl Alcohol
Concen: 773.218 ug/l
RT: 3.10 min Scan# 412
Delta R.T. 0.02 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.2	0.2

Manual Integrations
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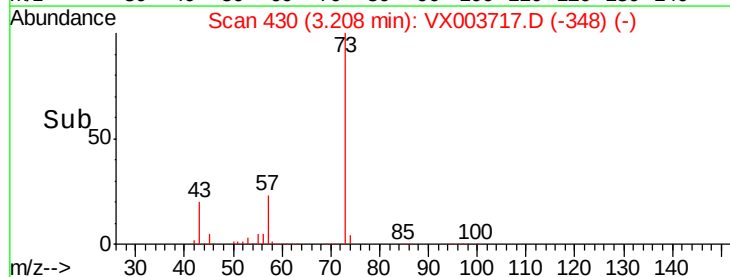
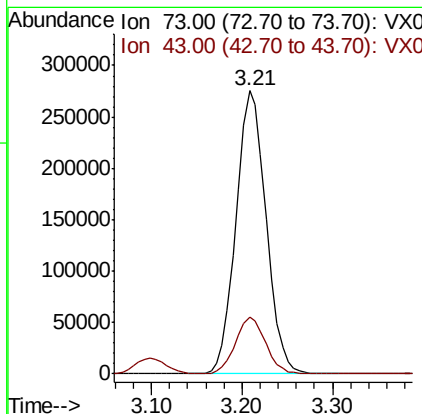
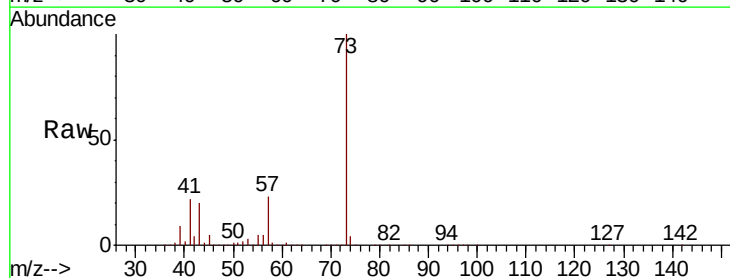
MMDadoda
7/30/2018 3:42:31 PM

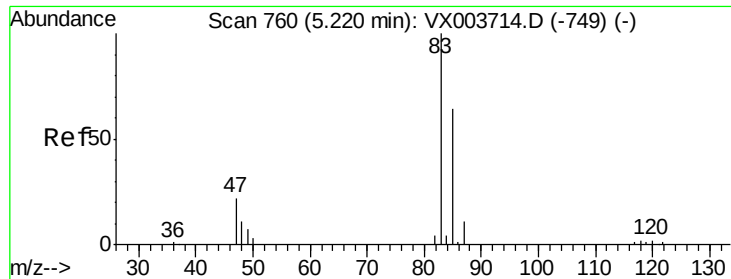


#24

Methyl tert-Butyl Ether
Concen: 137.810 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Tgt Ion	Ratio	Lower	Upper
73	100		
43	19.9	19.0	28.4





#25

Chloroform

Concen: 139.228 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 83 Resp: 348529

Ion Ratio Lower Upper

83 100

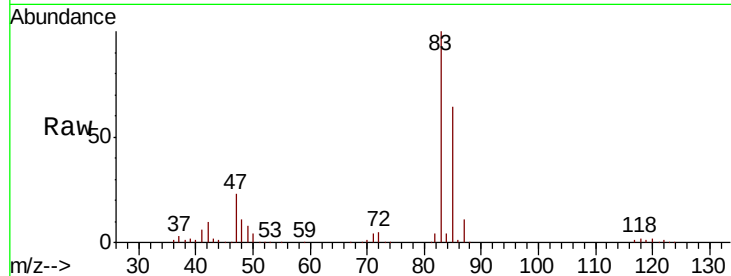
85 64.3 51.9 77.9

Manual Integrations

APPROVED

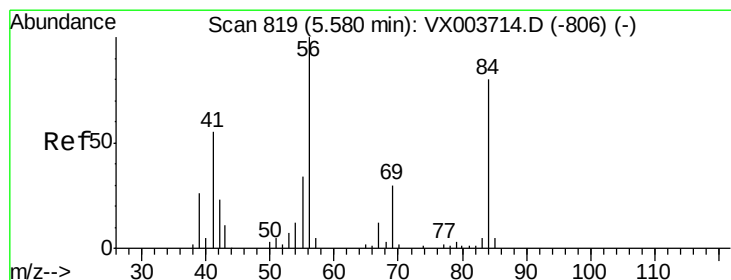
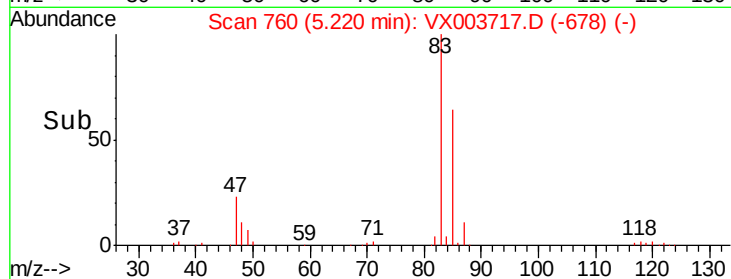
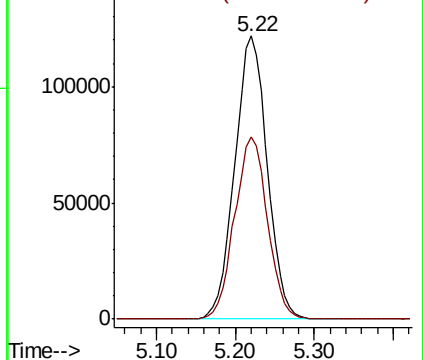
MMDadoda

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Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 145.600 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

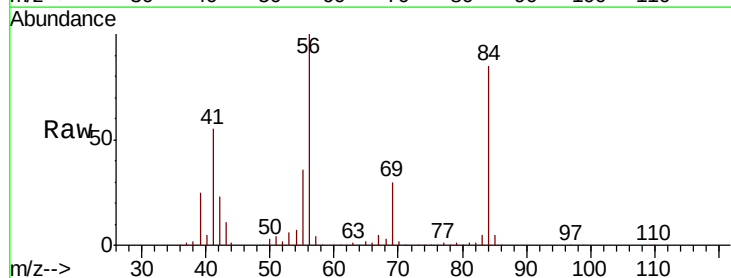
Tgt Ion: 56 Resp: 315942

Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

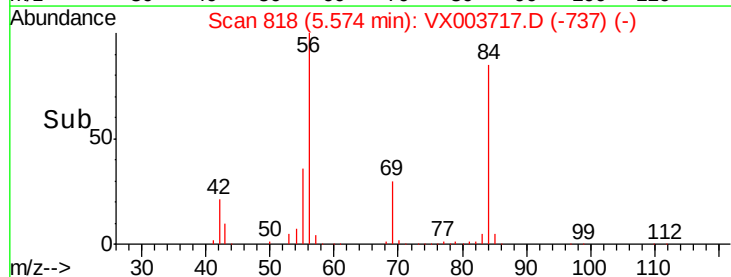
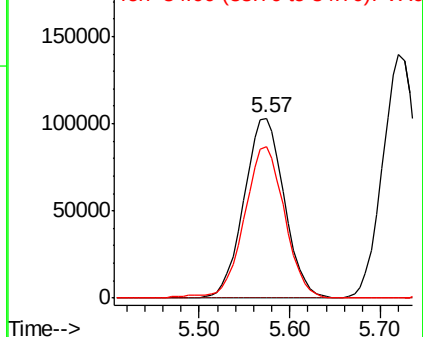
84 84.9 64.9 97.3

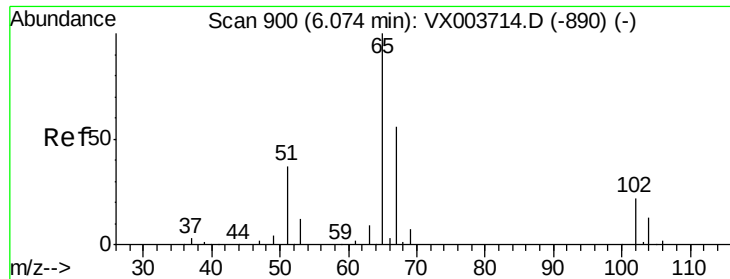


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





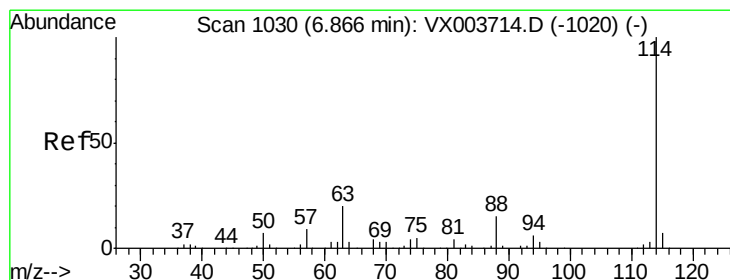
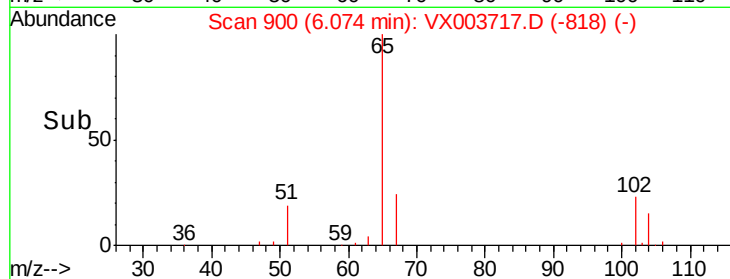
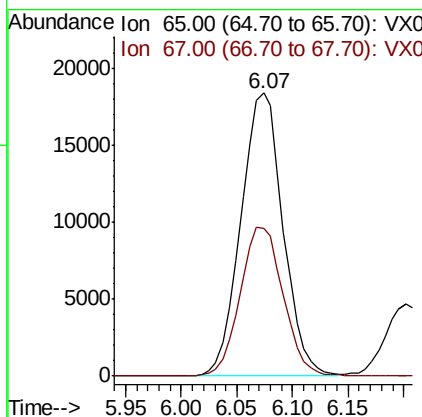
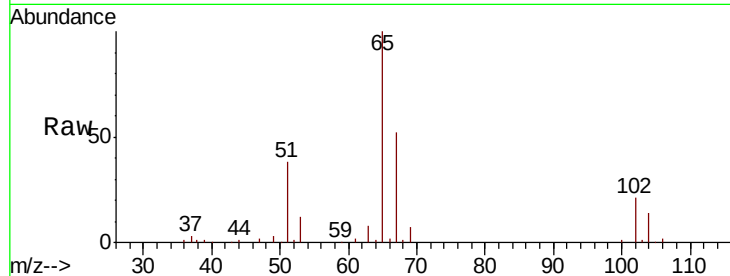
#27
 1,2-Dichloroethane-d4
 Concen: 32.054 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.6	40.9	61.3

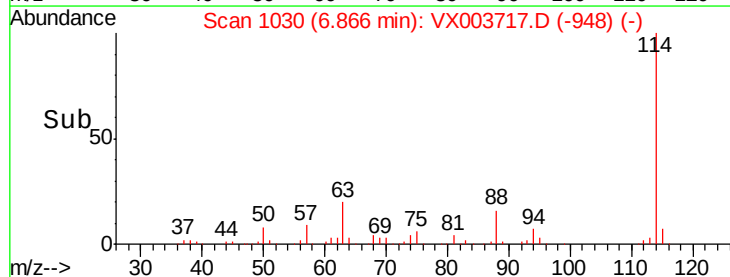
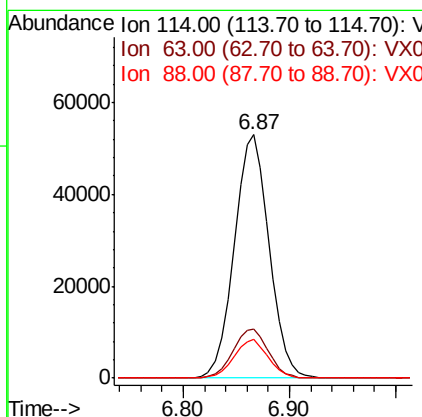
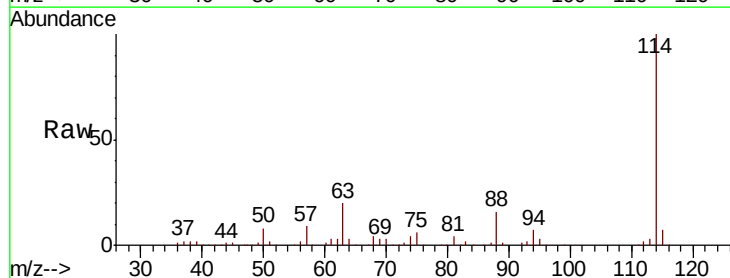
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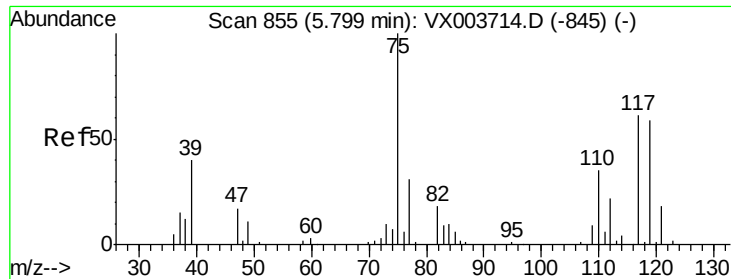
MMDadoda
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.6	17.1	25.7
88	15.6	12.6	19.0





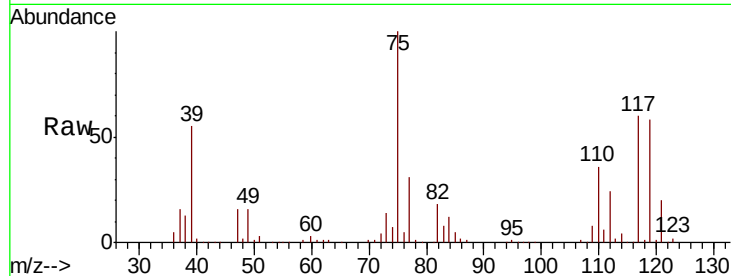
#29
 1,1-Dichloropropene
 Concen: 138.423 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
75	100	265483		
110	35.8	0.0	71.4	
77	31.0	0.0	60.6	

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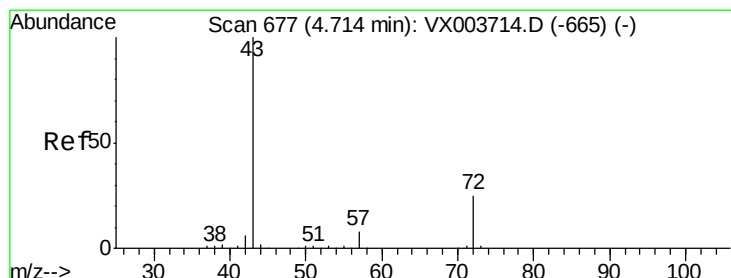
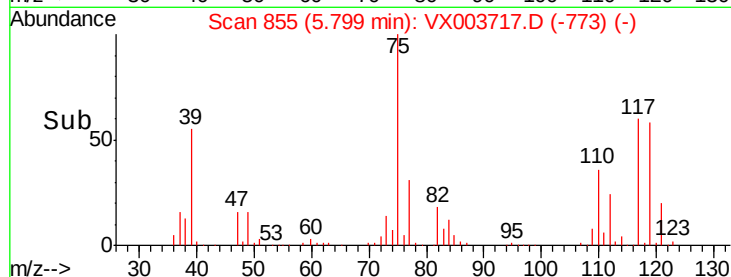
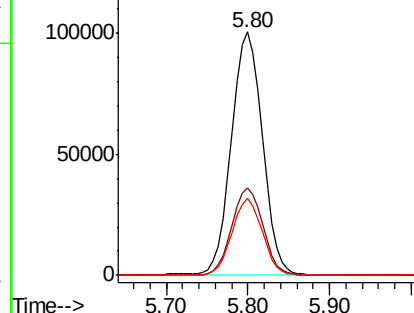


Abundance

Ion 75.00 (74.70 to 75.70): VX0

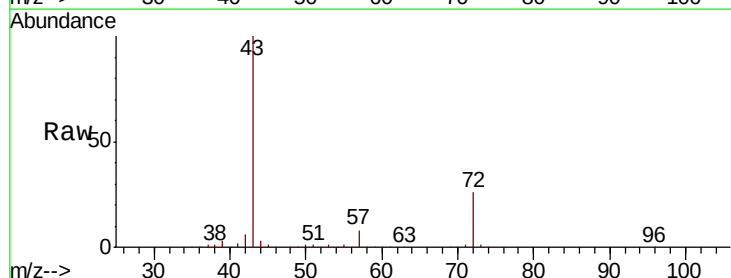
Ion 110.00 (109.70 to 110.70): V

Ion 77.00 (76.70 to 77.70): VX0



#30
 2-Butanone
 Concen: 771.679 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. 0.01 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	826965		
57	8.0	6.1	9.1	
72	25.4	18.1	27.1	

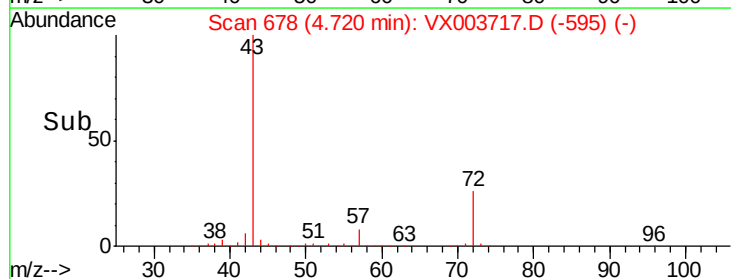
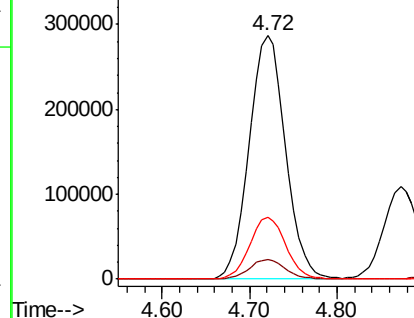


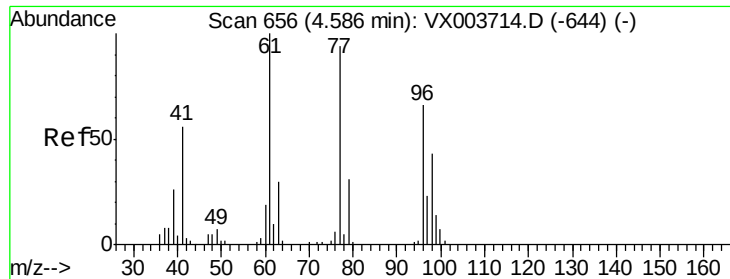
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 118.172 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 77 Resp: 244777

Ion Ratio Lower Upper

77 100

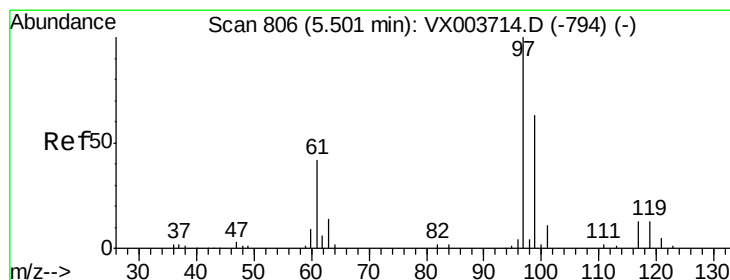
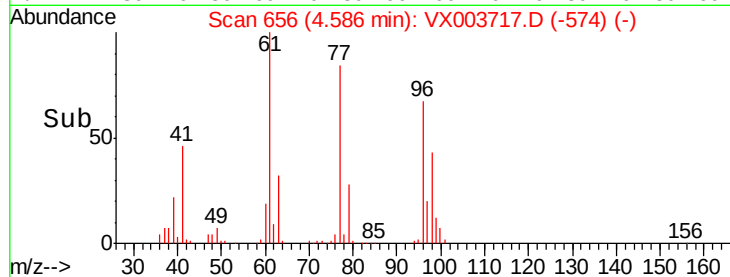
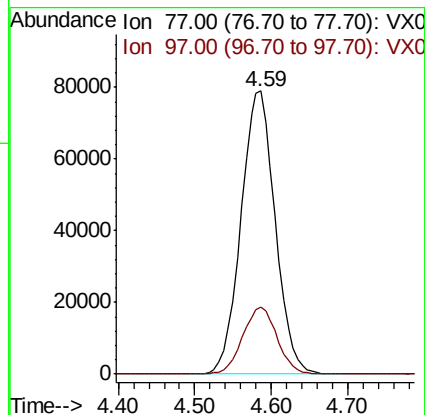
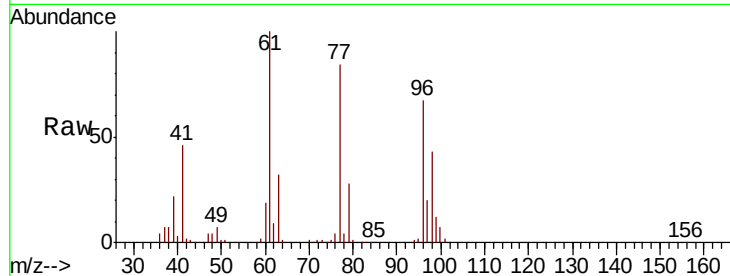
97 23.9 18.7 28.1

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#32

1,1,1-Trichloroethane

Concen: 139.479 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

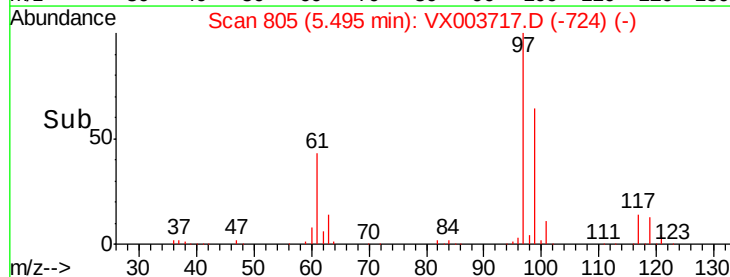
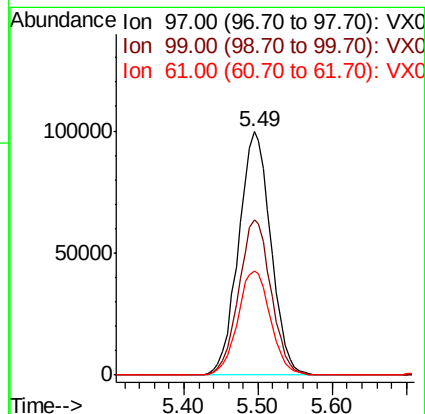
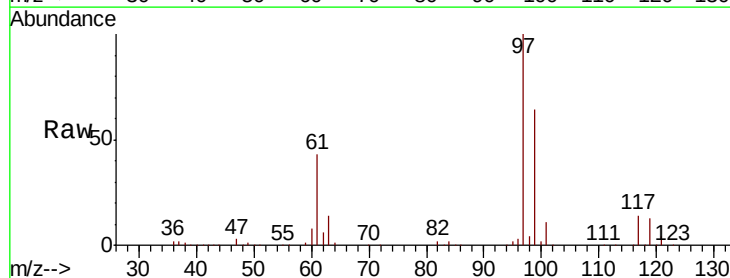
Tgt Ion: 97 Resp: 302853

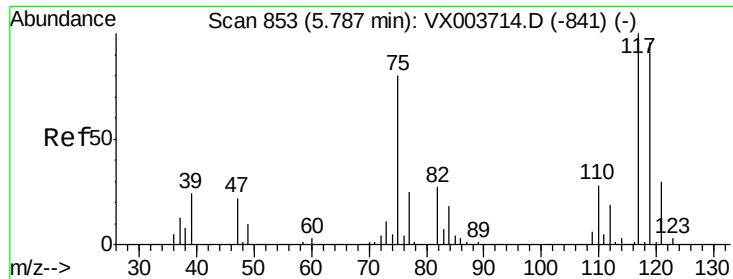
Ion Ratio Lower Upper

97 100

99 63.9 51.7 77.5

61 43.6 36.4 54.6





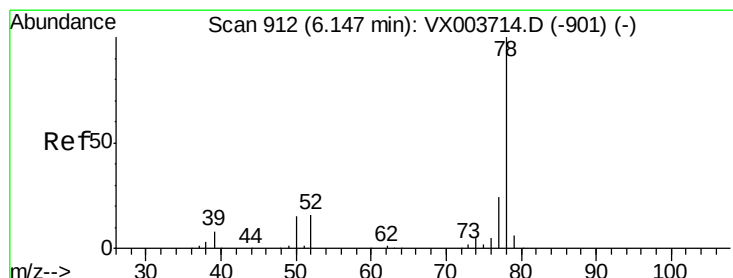
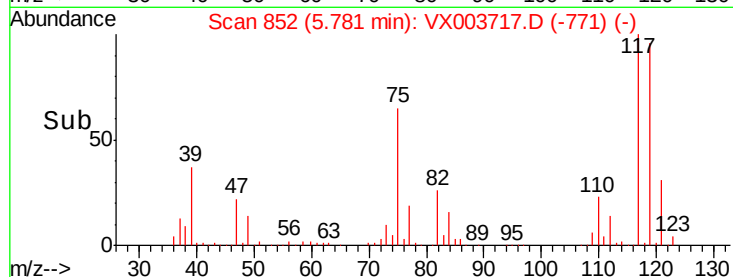
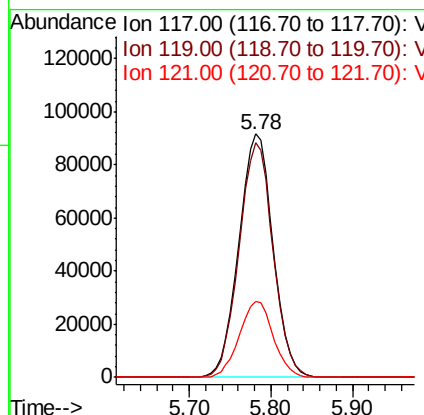
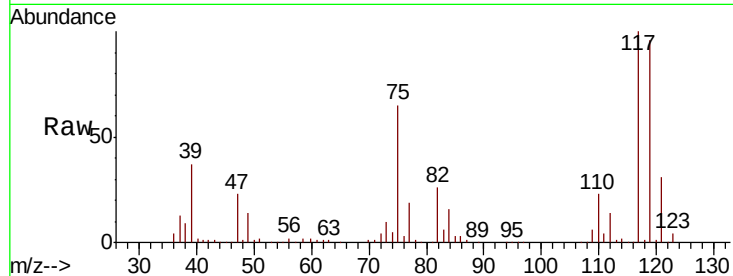
#33
Carbon Tetrachloride
Concen: 139.751 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.4	73.3	109.9
121	31.0	23.6	35.4

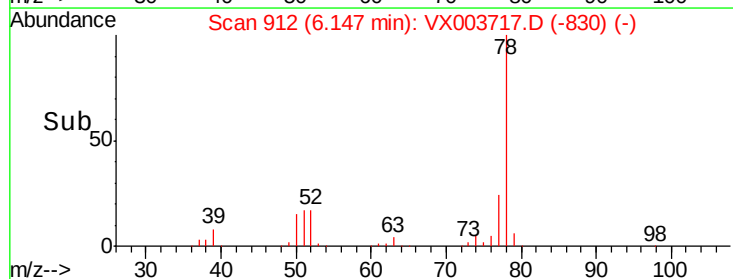
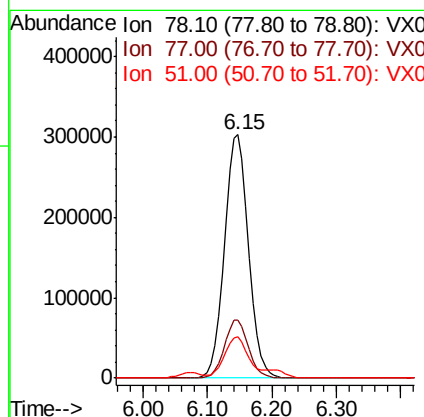
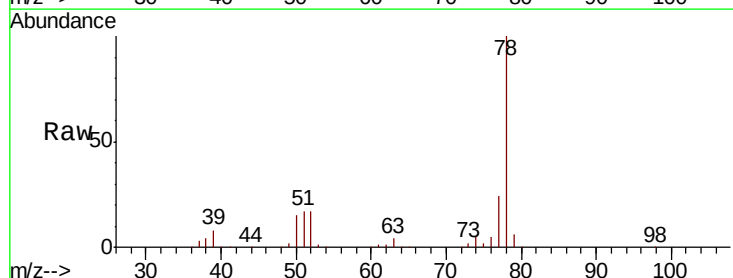
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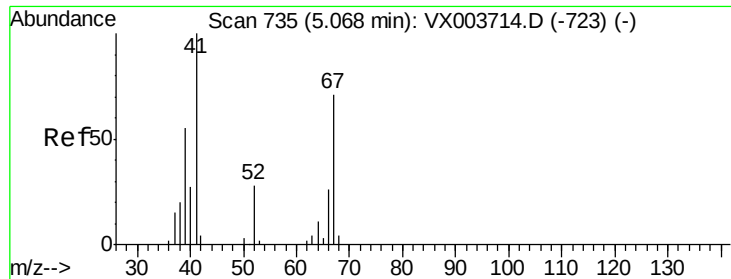
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#34
Benzene
Concen: 140.756 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.4	29.0
51	16.8	13.8	20.6





#35

Methacrylonitrile

Concen: 155.392 ug/l

RT: 5.07 min Scan# 736

Delta R.T. 0.01 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :

MSVOA_X

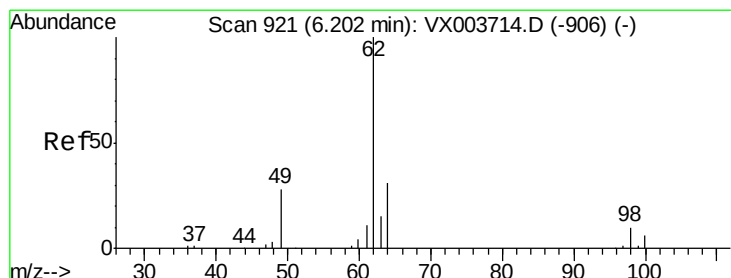
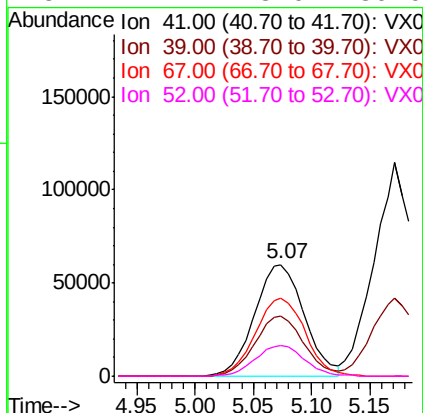
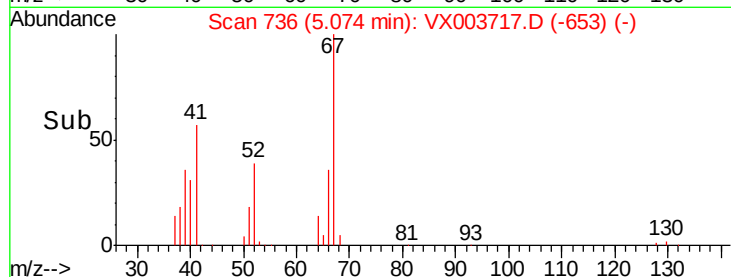
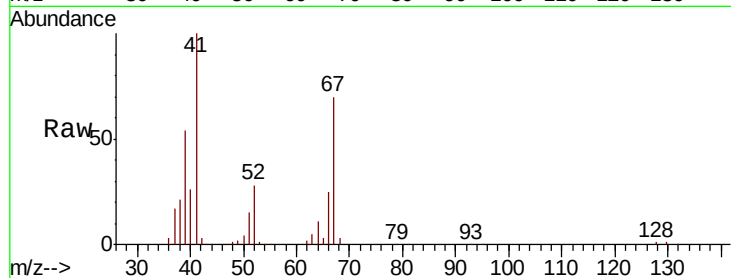
ClientSampleId :

VSTDIC150

Tot Ion:	41	Resp:	176177
Ion Ratio	Lower	Upper	
41	100		
39	54.2	28.8	86.5
67	70.4	30.4	91.2
52	27.7	13.0	39.0

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#36

1,2-Dichloroethane

Concen: 141.145 ug/l

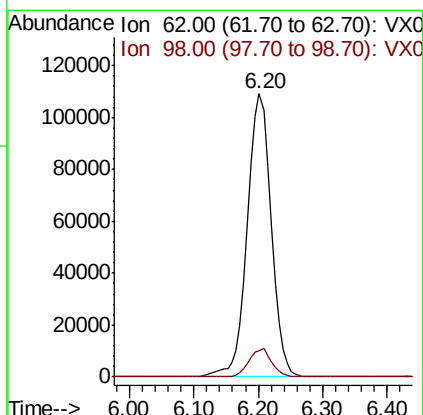
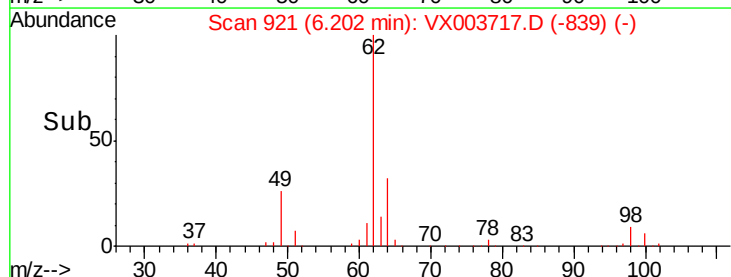
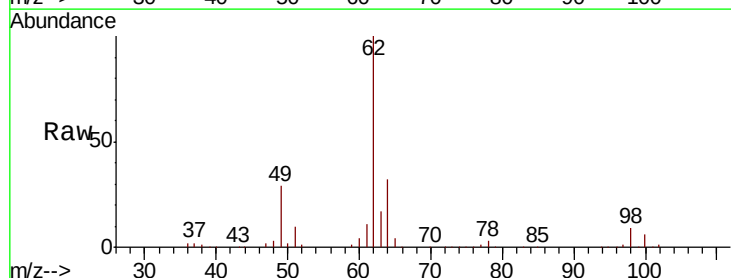
RT: 6.20 min Scan# 921

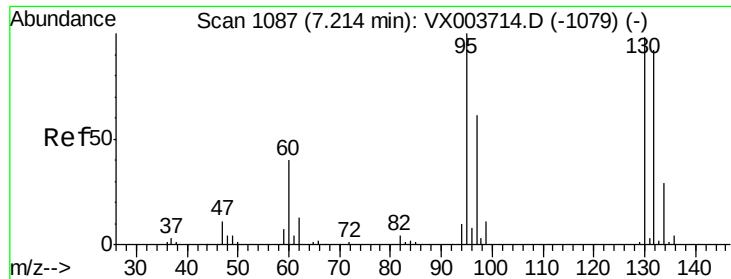
Delta R.T. 0.00 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Tgt Ion:	62	Resp:	277198
Ion Ratio	Lower	Upper	
62	100		
98	9.4	6.5	9.7





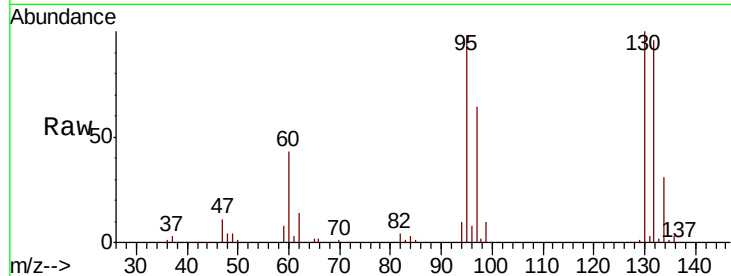
#37
 Trichloroethene
 Concen: 132.708 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

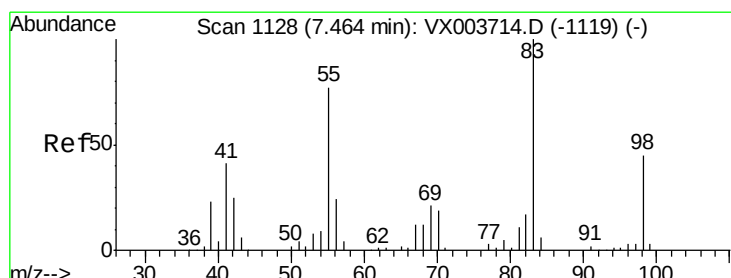
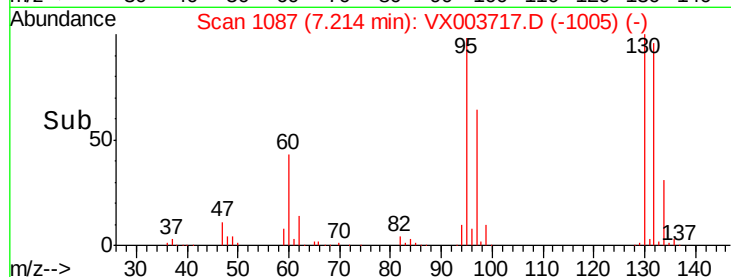
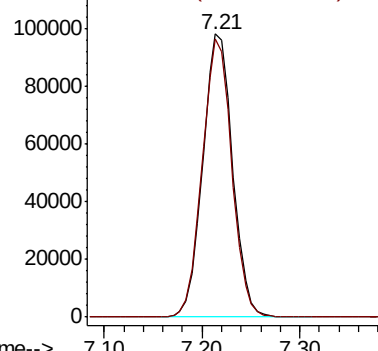
Tot Ion:130 Resp: 207261
 Ion Ratio Lower Upper
 130 100
 95 98.5 81.5 122.3

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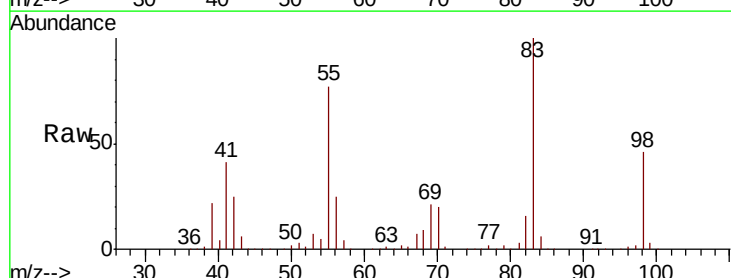


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

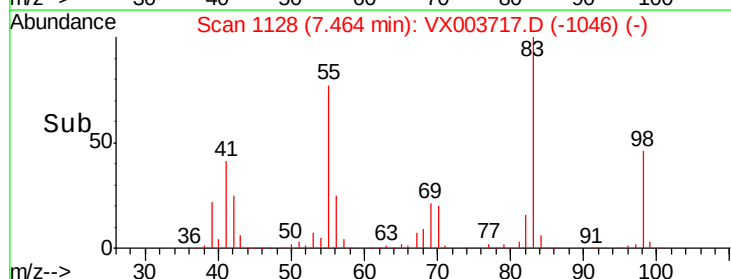
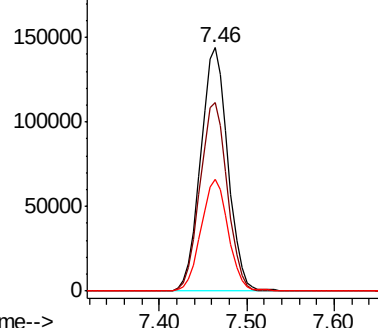


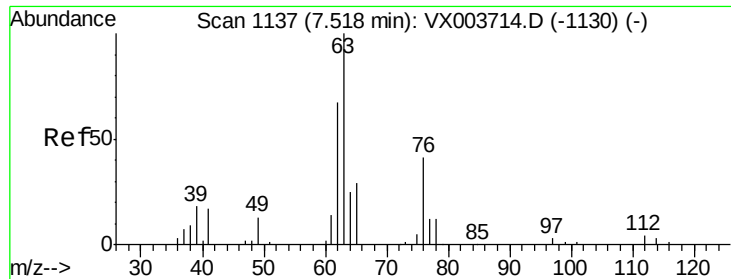
#38
 Methylcyclohexane
 Concen: 143.866 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Tgt Ion: 83 Resp: 311868
 Ion Ratio Lower Upper
 83 100
 55 77.8 40.6 121.8
 98 46.0 23.5 70.5



Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0





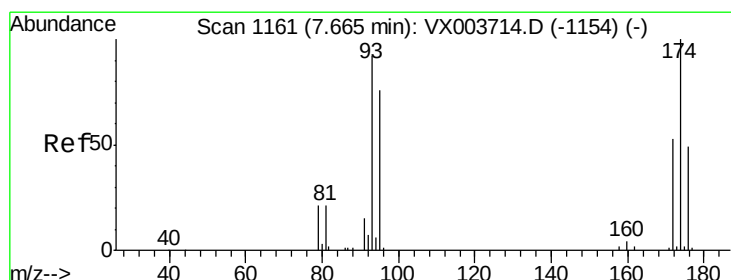
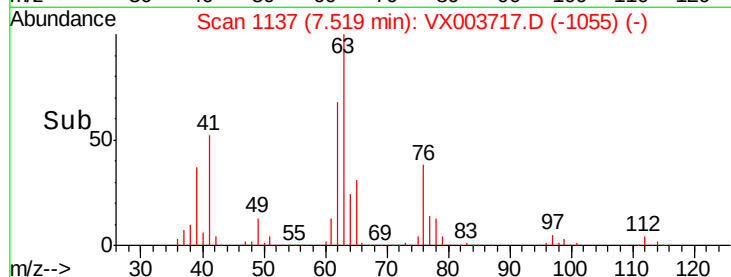
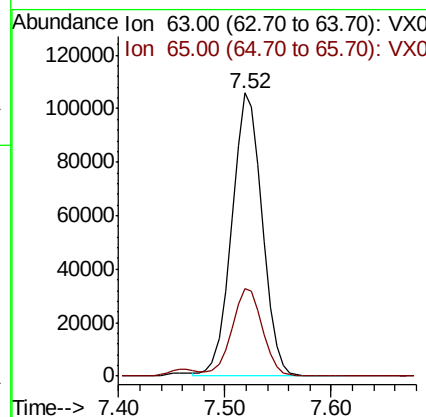
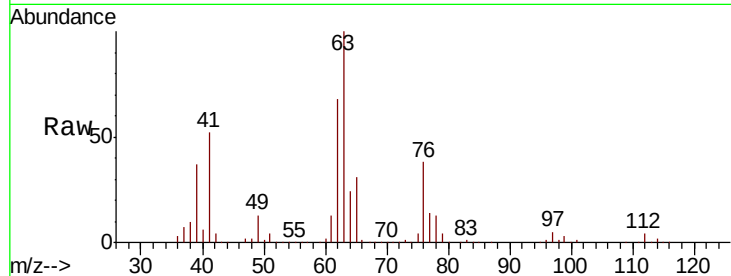
#39
 1,2-Dichloropropane
 Concen: 144.938 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	23.3	34.9

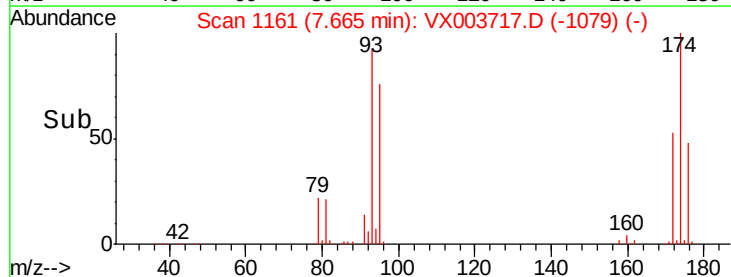
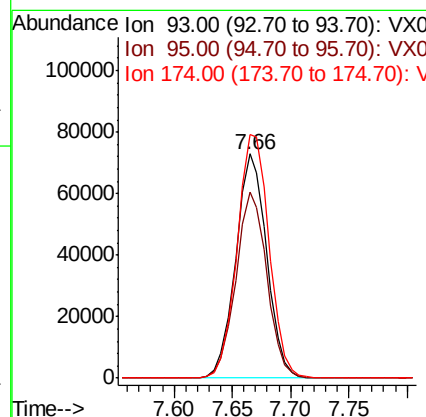
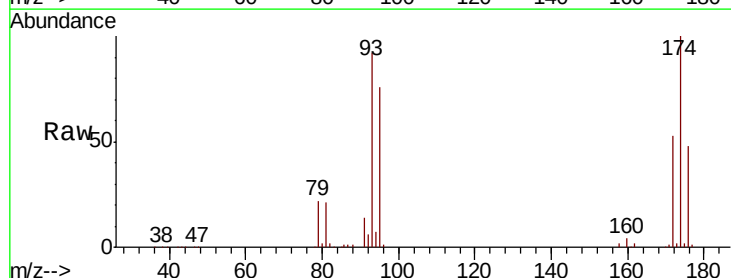
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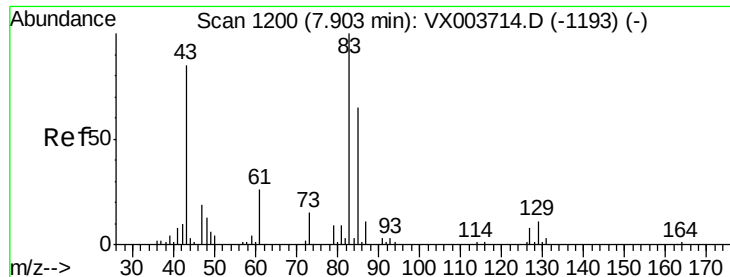
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#40
 Dibromomethane
 Concen: 141.307 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	0.0	162.6
174	112.3	0.0	229.4





#41

Bromodichloromethane

Concen: 149.588 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :

MSVOA_X

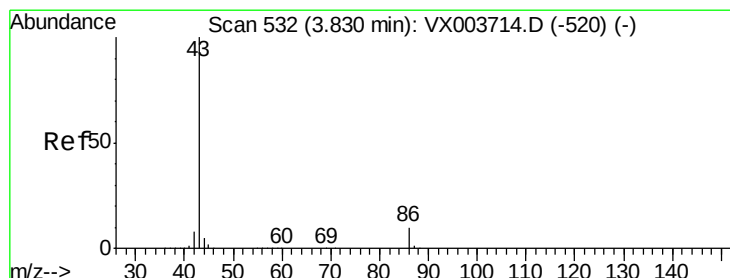
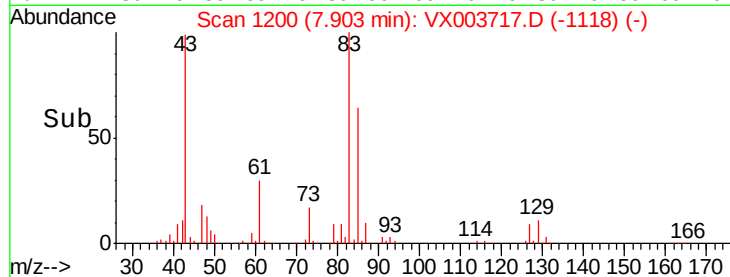
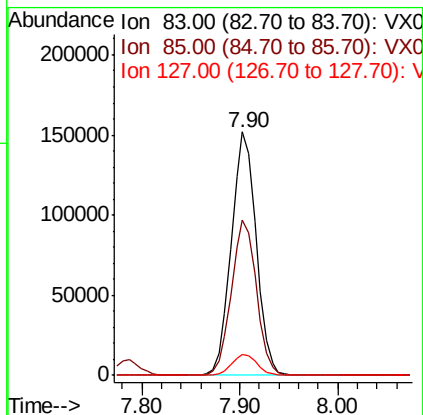
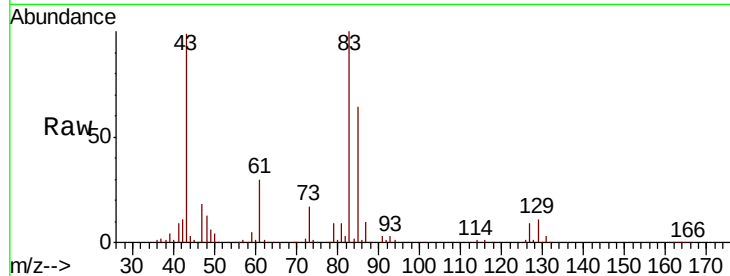
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	267875
Ion Ratio	Lower	Upper	
83	100		
85	63.6	49.8	74.8
127	8.8	7.3	10.9

Manual Integrations
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#42

Vinyl Acetate

Concen: 729.793 ug/l

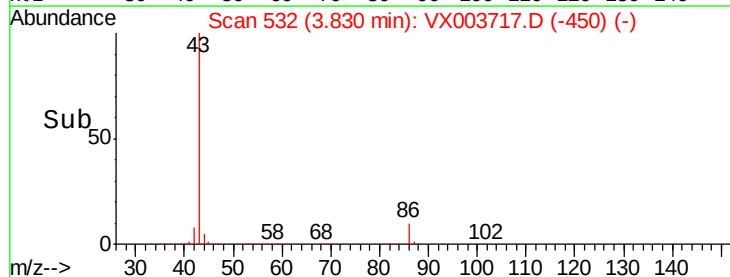
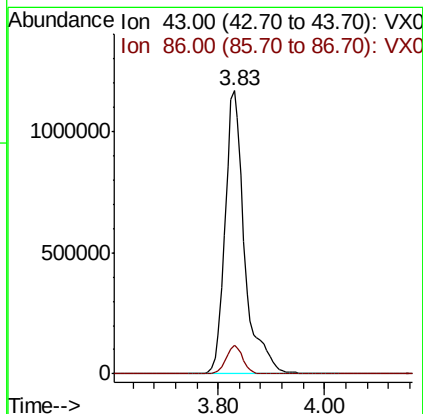
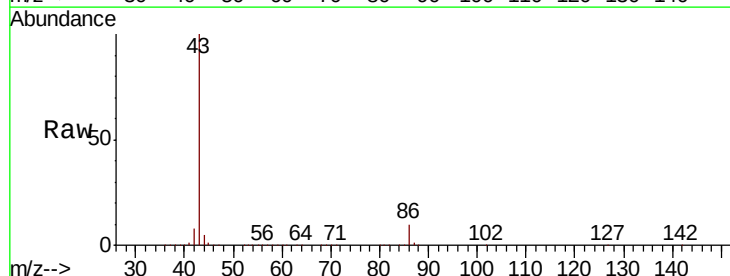
RT: 3.83 min Scan# 532

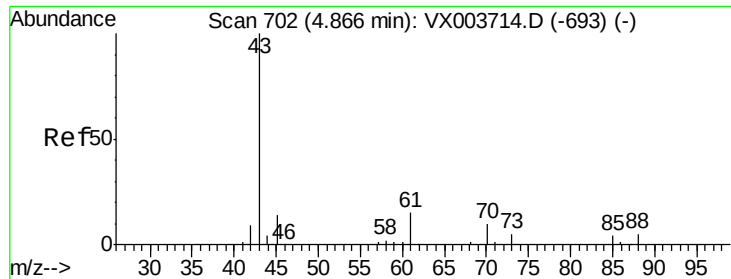
Delta R.T. 0.00 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Tgt Ion:	43	Resp:	3004565
Ion Ratio	Lower	Upper	
43	100		
86	8.7	6.7	10.1





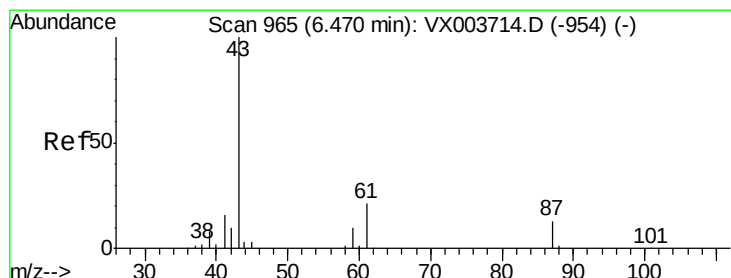
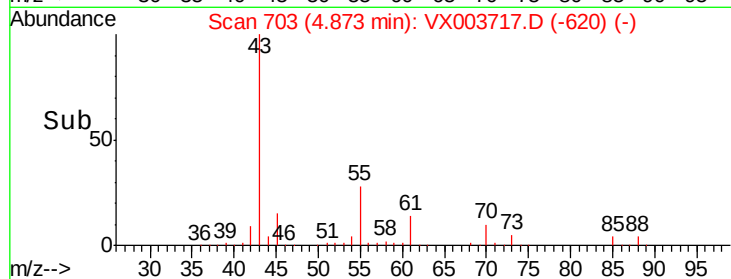
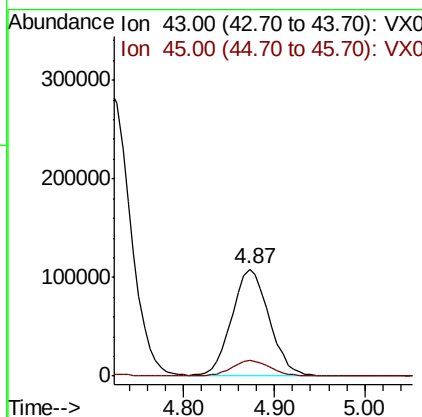
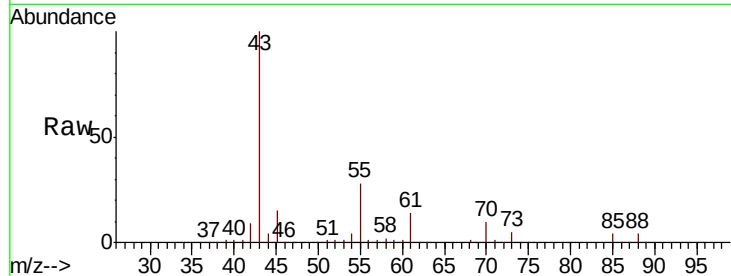
#43
Ethyl Acetate
Concen: 152.322 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
45	15.3	11.0	16.4

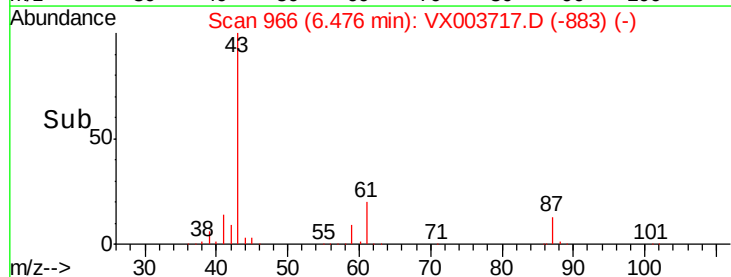
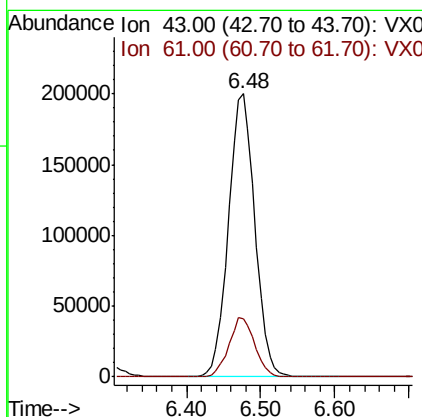
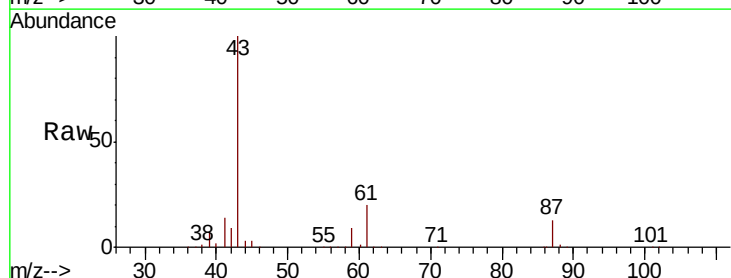
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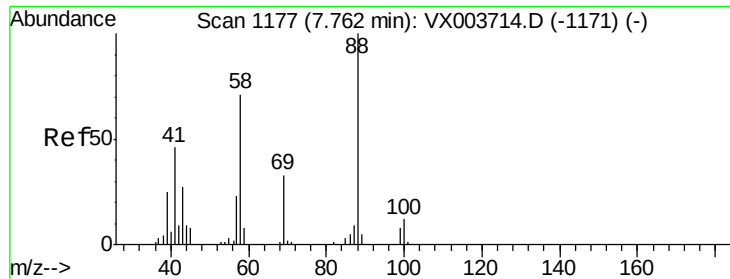
MMDadoda
7/30/2018 3:42:31 PM



#44
Isopropyl Acetate
Concen: 158.511 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.01 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.4	14.5	21.7





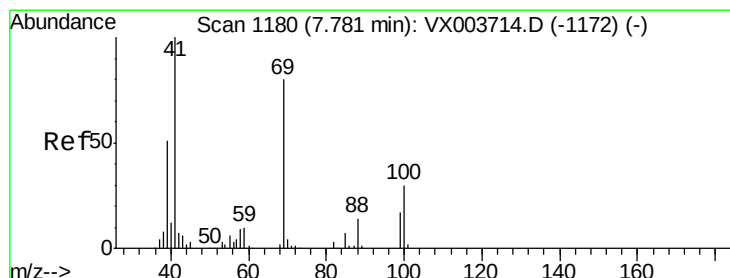
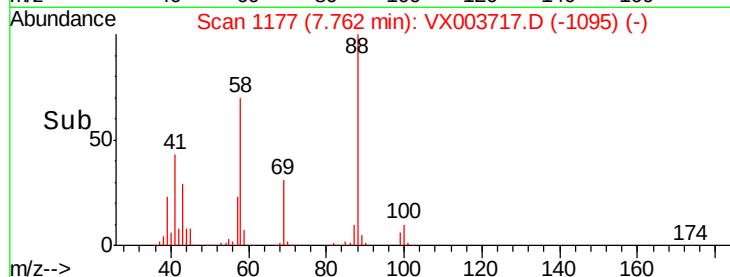
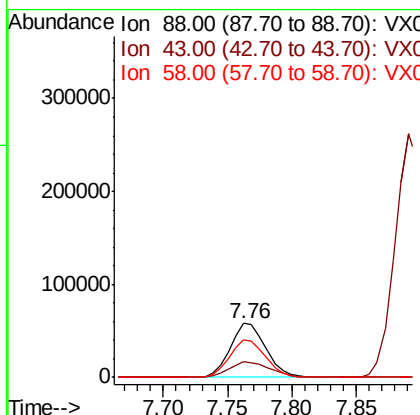
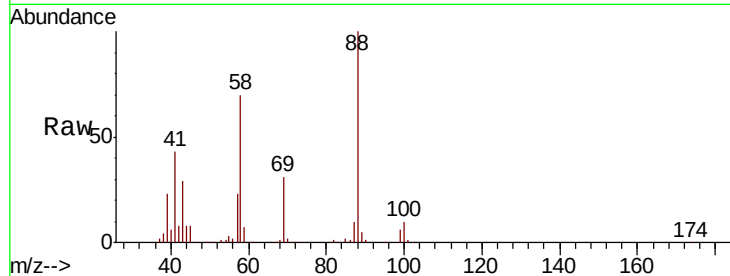
#45
 1,4-Dioxane
 Concen: 3335.285 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.2	43.2	64.8#
58	71.1	60.2	90.2

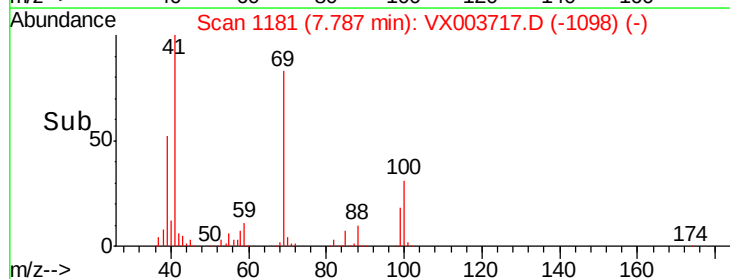
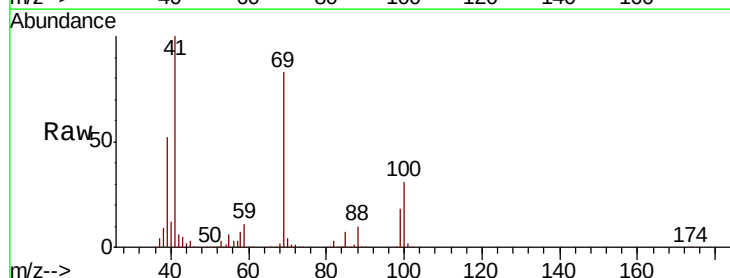
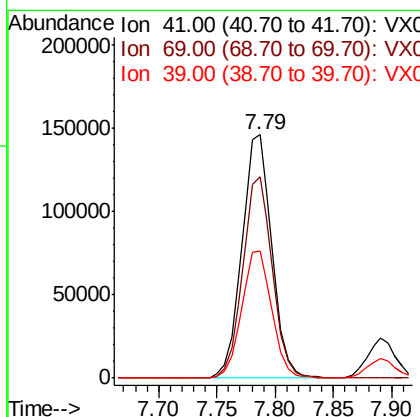
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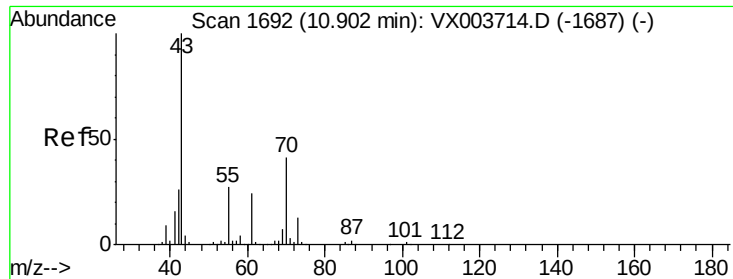
MMDadoda
 7/30/2018 3:42:31 PM



#46
 Methyl methacrylate
 Concen: 161.443 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Tgt Ion	Ratio	Lower	Upper
41	100		
69	82.8	37.0	110.9
39	52.1	29.6	88.9





#47

n-amvl Acetate

Concen: 183.150 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 492180

Ion Ratio Lower Upper

43 100

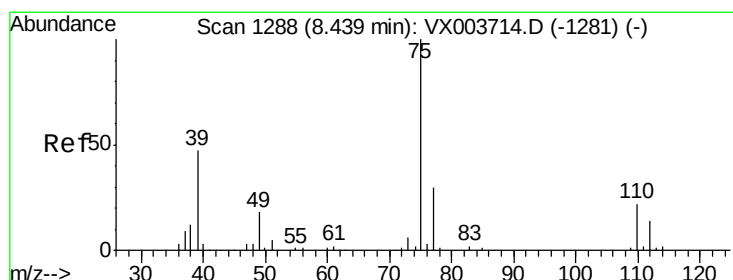
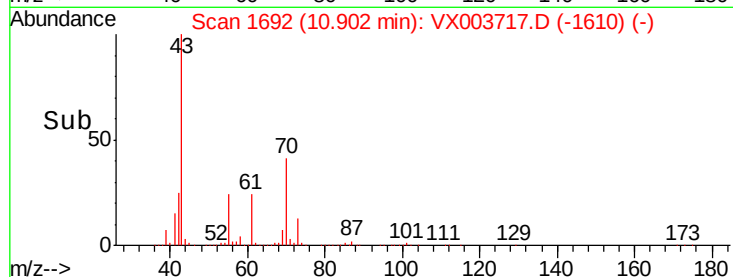
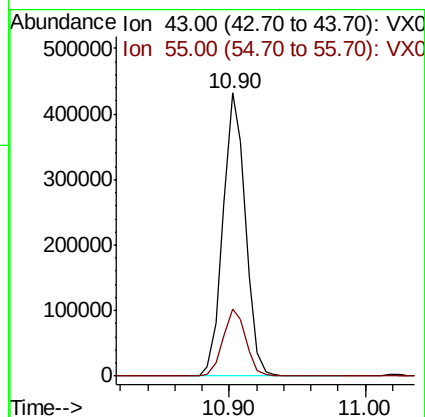
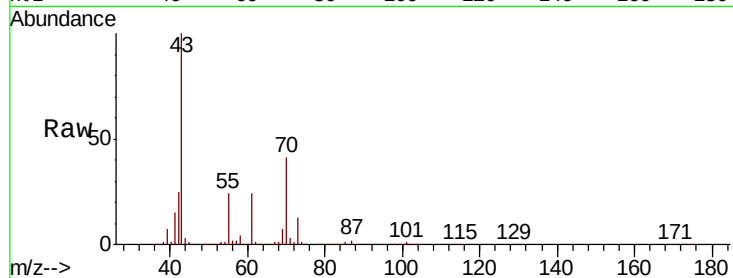
55 24.1 0.1 0.1#

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 152.294 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003717.D

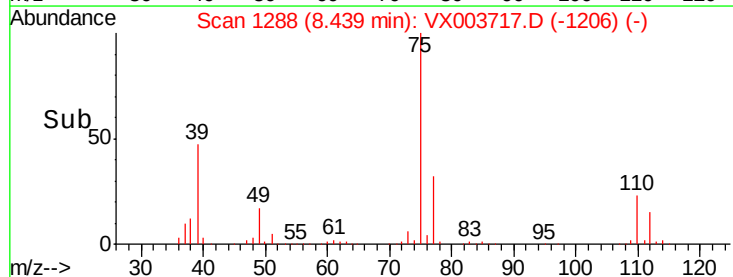
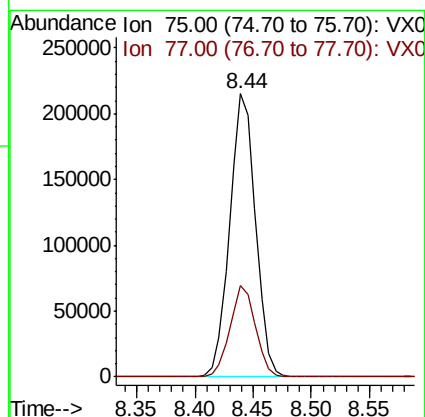
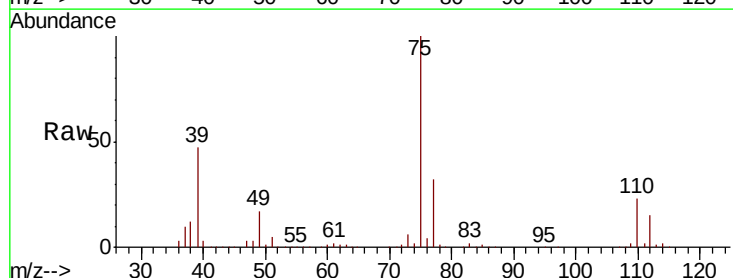
Acq: 27 Jul 2018 15:18

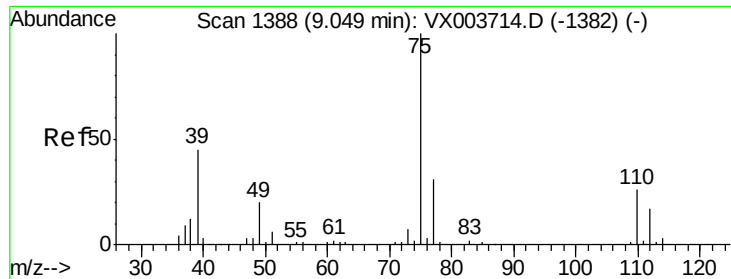
Tgt Ion: 75 Resp: 331919

Ion Ratio Lower Upper

75 100

77 32.1 25.6 38.4





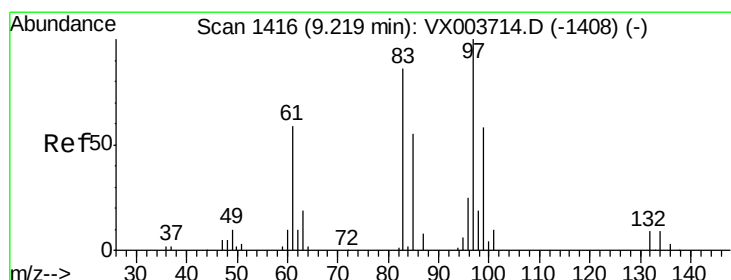
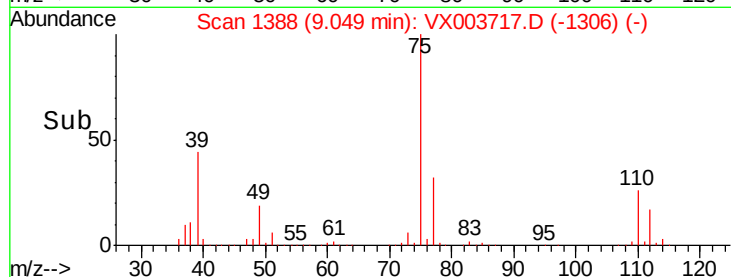
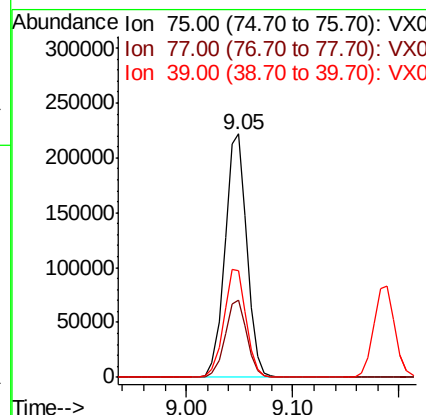
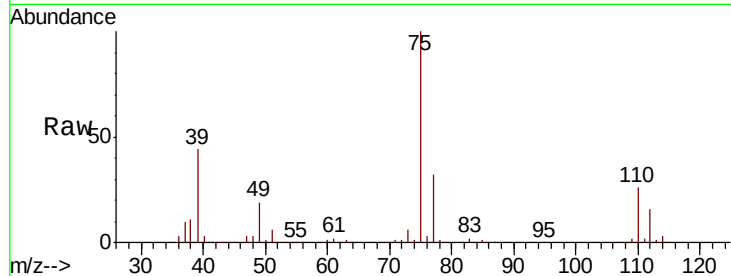
#49
 cis-1,3-Dichloropropene
 Concen: 160.495 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.2
39	43.6	42.3	63.5

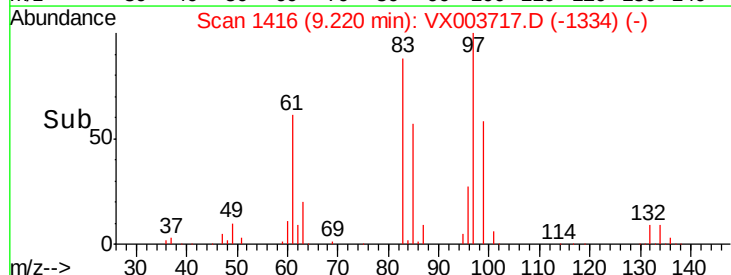
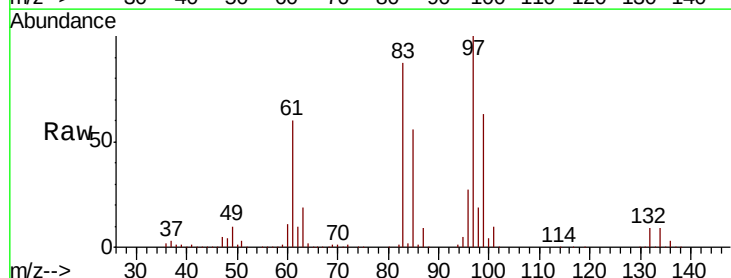
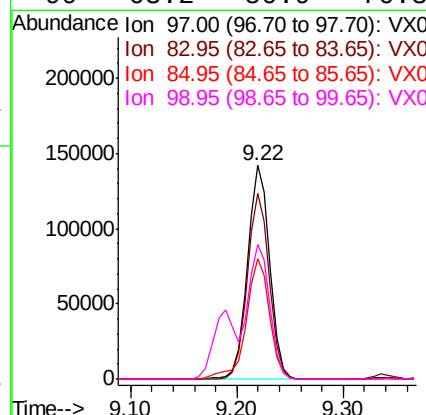
Manual Integrations
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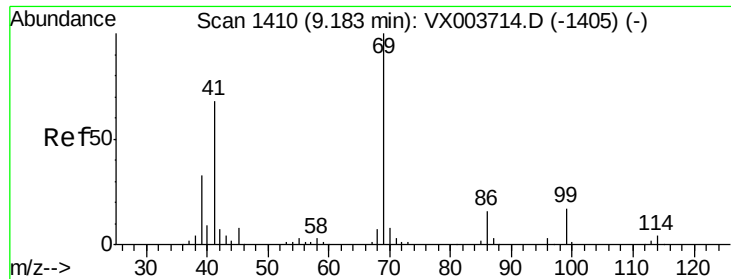
MMDadoda
 7/30/2018 3:42:31 PM



#50
 1,1,2-Trichloroethane
 Concen: 143.584 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.0	70.8	106.2
85	56.2	43.5	65.3
99	63.2	50.9	76.3





#51

Ethyl methacrylate

Concen: 165.794 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.01 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :

MSVOA_X

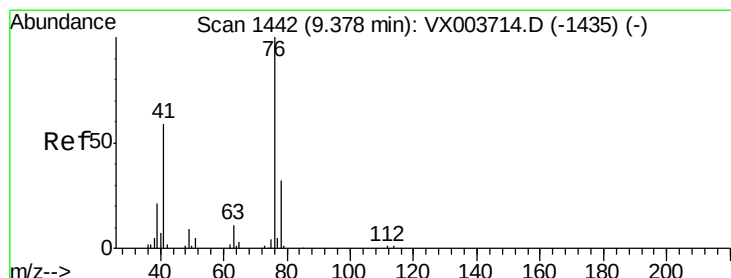
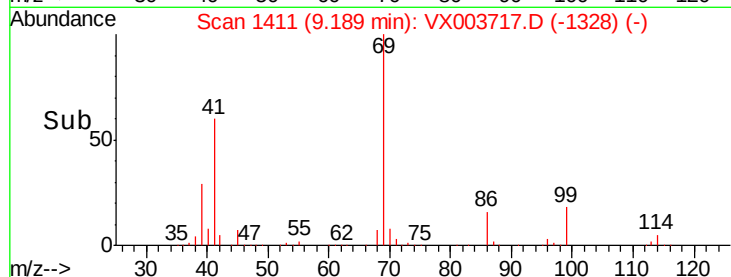
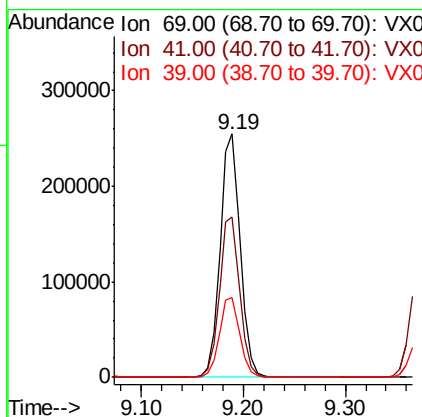
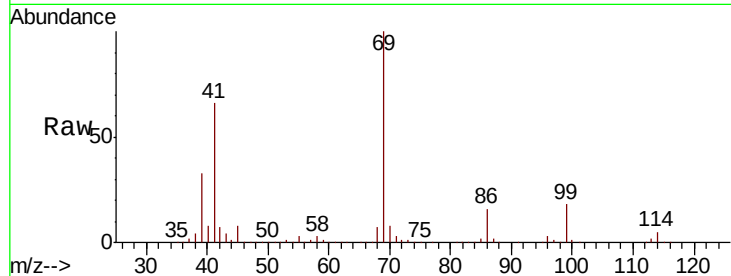
ClientSampleId :

VSTDIC150

Tot Ion:	69	Resp:	349233
Ion Ratio	Lower	Upper	
69	100		
41	65.9	39.1	117.3
39	32.5	21.7	65.1

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 147.022 ug/l

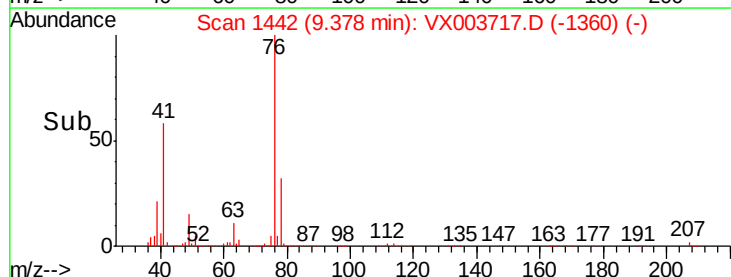
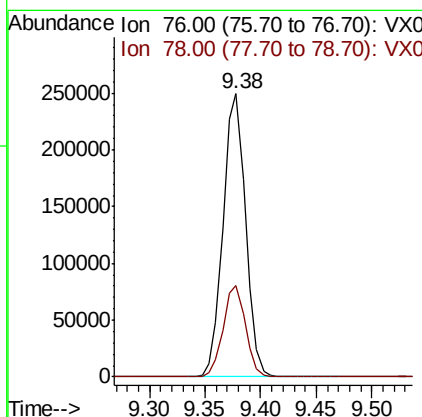
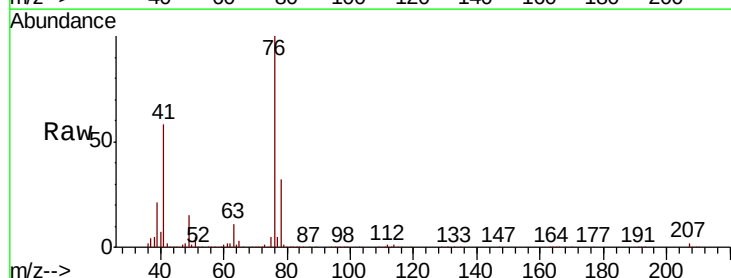
RT: 9.38 min Scan# 1442

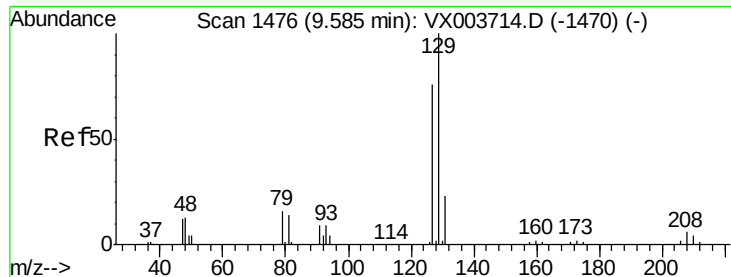
Delta R.T. 0.00 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Tgt Ion:	76	Resp:	349037
Ion Ratio	Lower	Upper	
76	100		
78	32.1	0.0	63.4





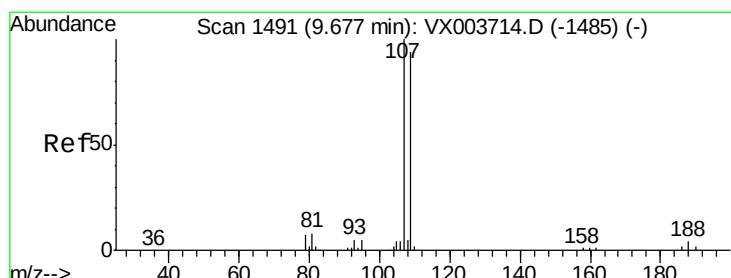
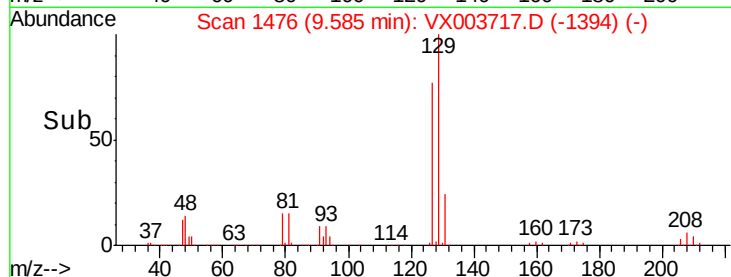
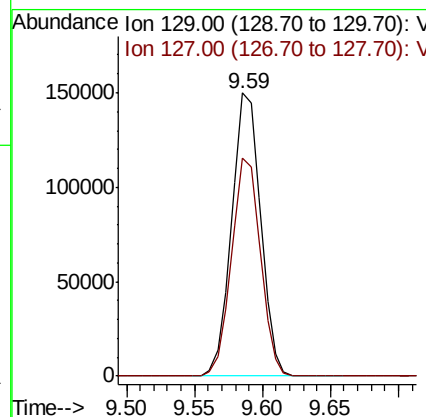
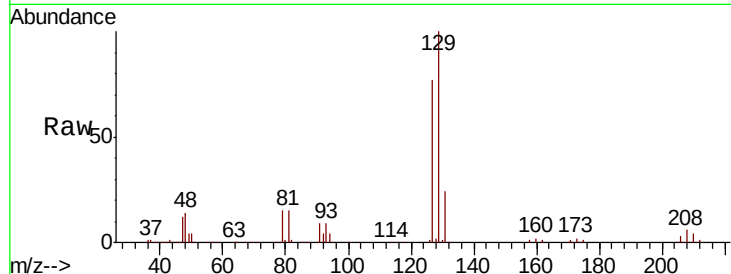
#53
 Dibromochloromethane
 Concen: 153.610 ug/l
 RT: 9.59 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.5	115.3

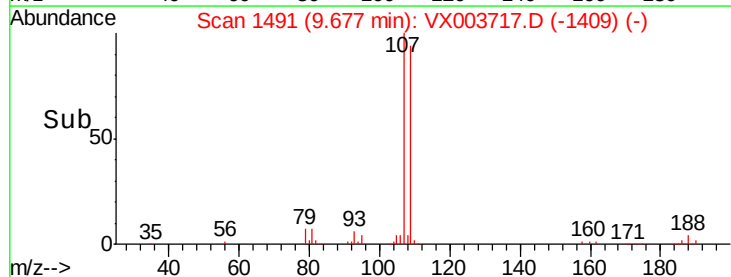
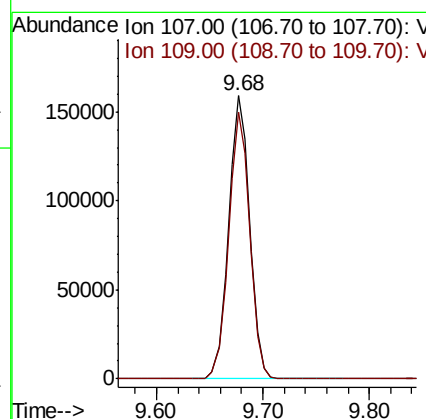
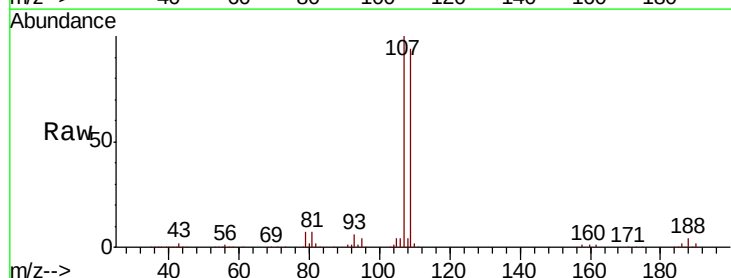
Manual Integrations
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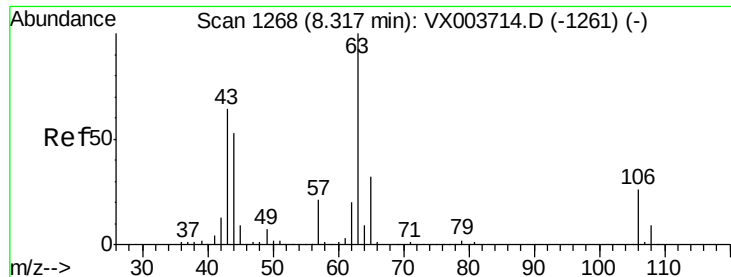
MMDadoda
 7/30/2018 3:42:31 PM



#54
 1,2-Dibromoethane
 Concen: 146.695 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.4	75.5	113.3





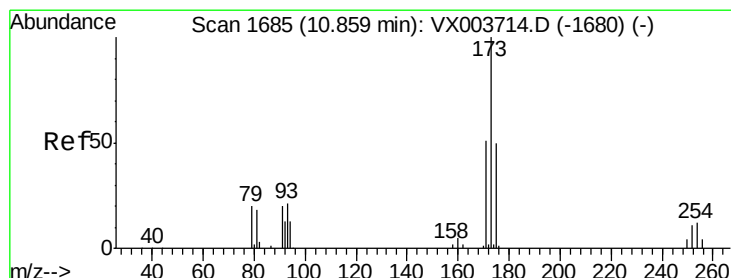
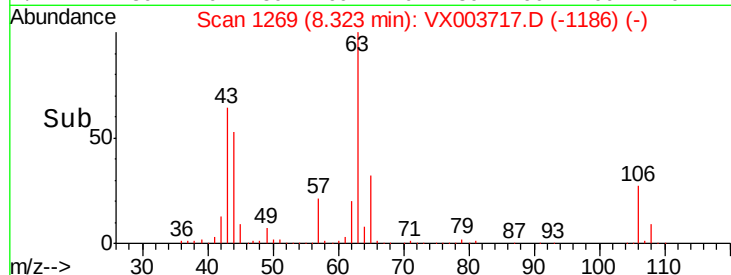
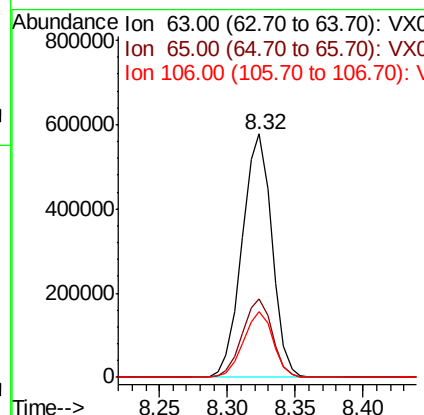
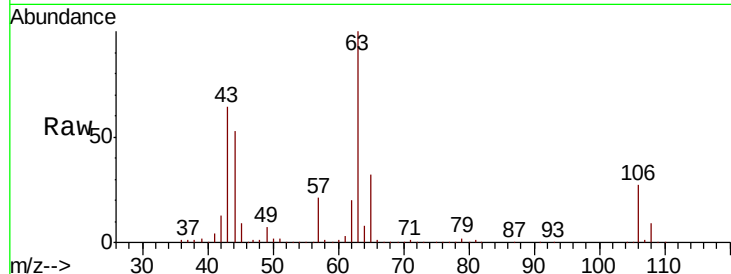
#55
2-Chloroethyl vinyl ether
Concen: 892.846 ug/l
RT: 8.32 min Scan# 1269
Delta R.T. 0.01 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.4	25.6	38.4
106	26.9	21.6	32.4

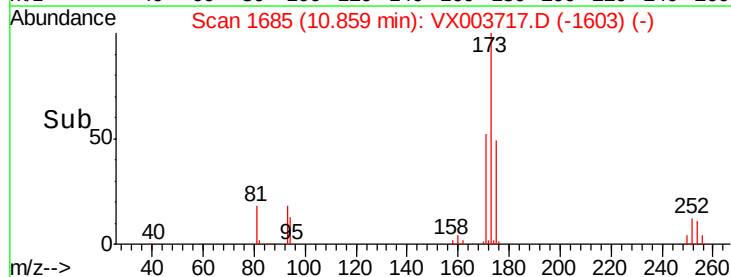
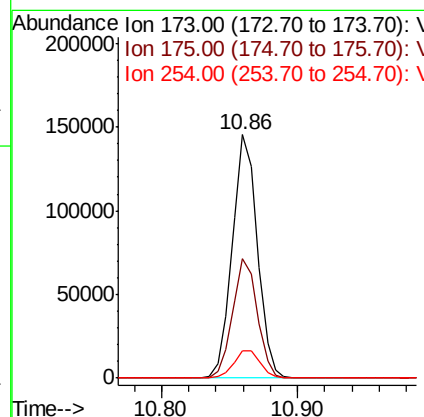
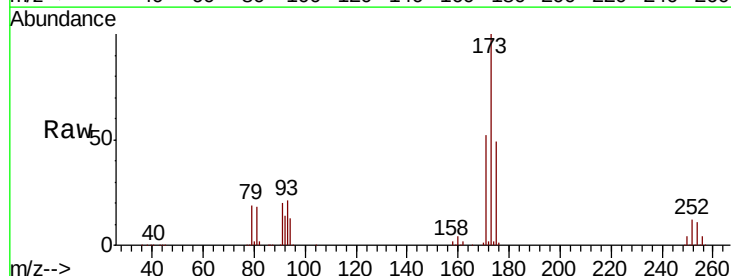
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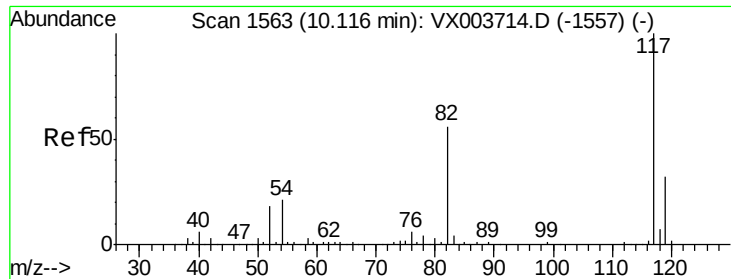
MMDadoda
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#56
Bromoform
Concen: 168.218 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.8	39.0	58.4
254	12.0	9.6	14.4





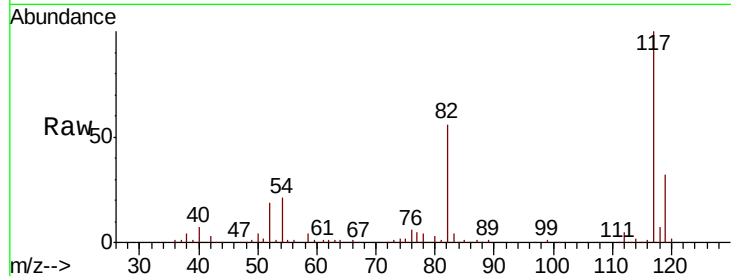
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	44.3	66.5
119	31.9	25.7	38.5

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7/30/2018 3:42:31 PM

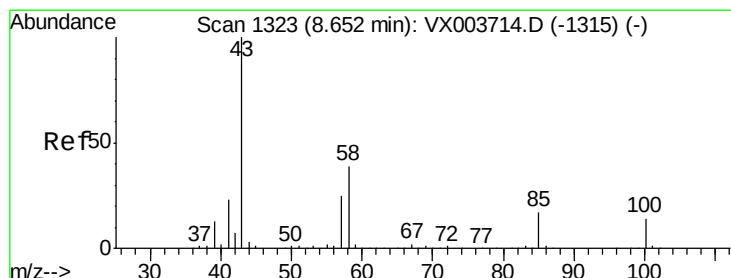
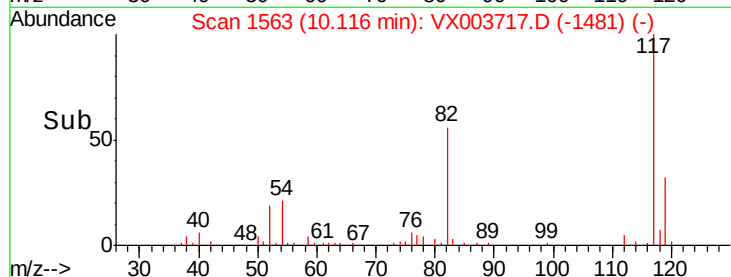
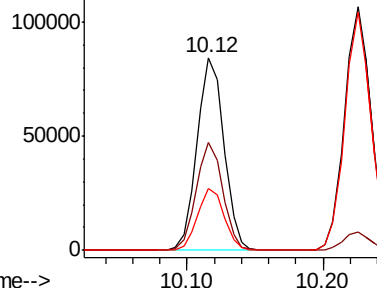


Abundance

Ion 117.00 (116.70 to 117.70): V

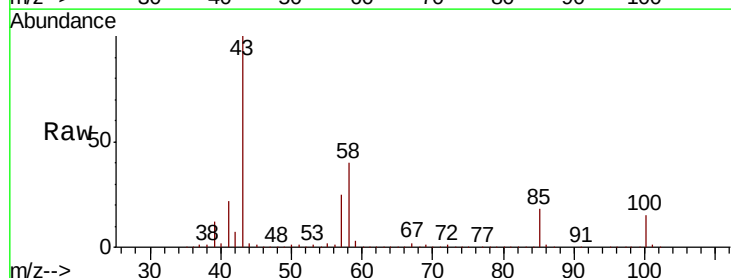
Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V



#58
4-Methyl-2-Pentanone
Concen: 818.956 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.01 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.7	28.2	42.4
85	17.5	12.4	18.6

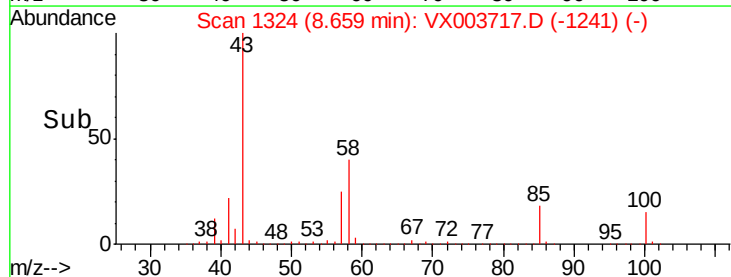
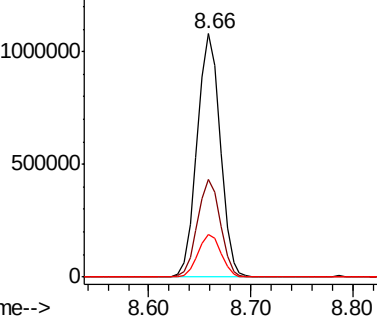


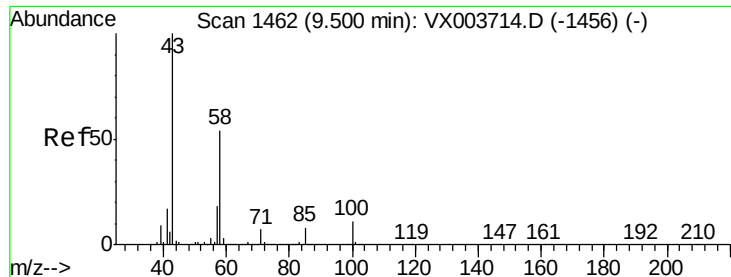
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Ion 85.00 (84.70 to 85.70): VX0





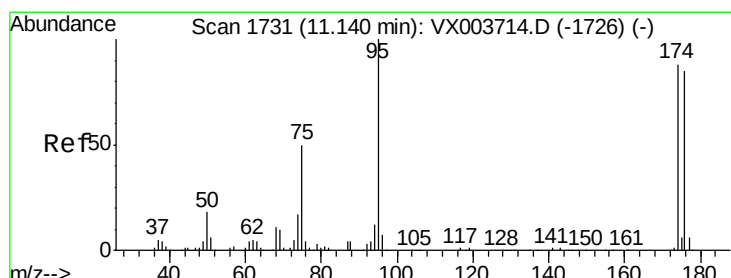
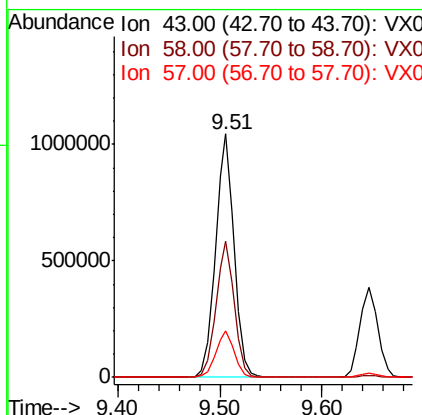
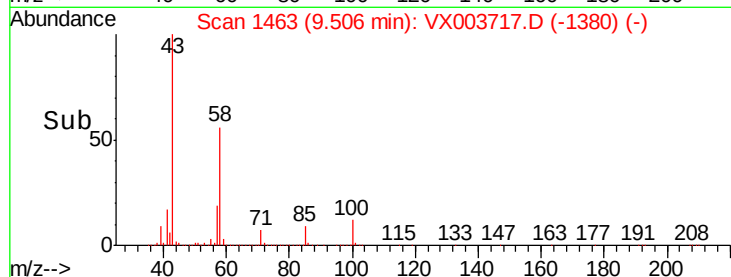
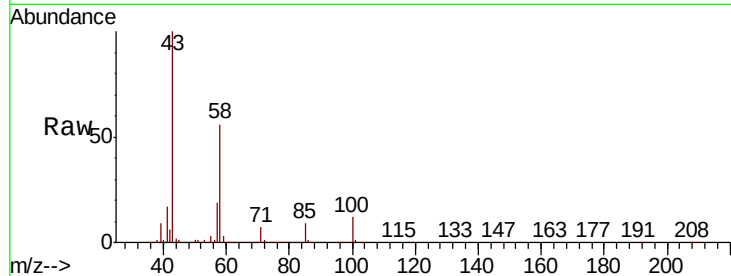
#59
2-Hexanone
Concen: 843.488 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.1	39.6	59.4
57	19.1	14.1	21.1

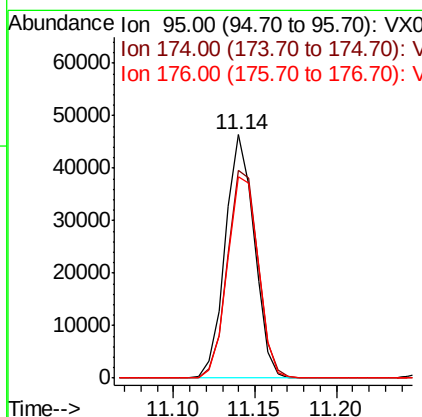
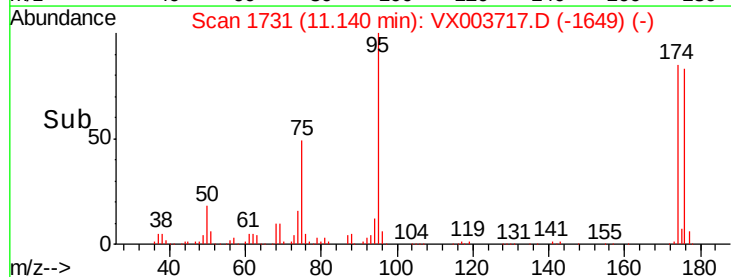
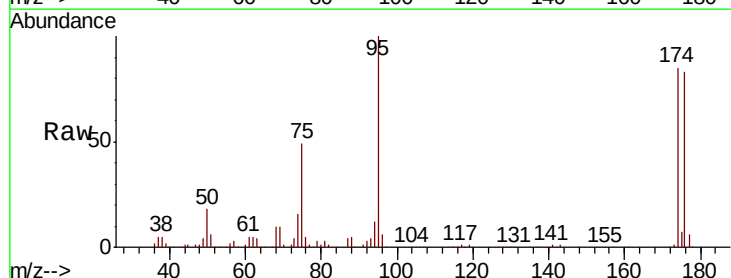
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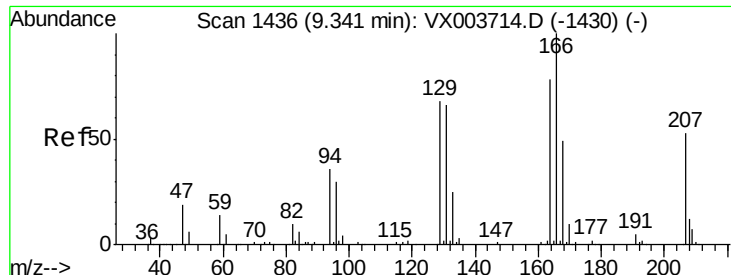
MMDadoda
7/30/2018 3:42:31 PM



#60
4-Bromofluorobenzene
Concen: 30.868 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.7	71.8	107.6
176	88.0	70.1	105.1





#61

Tetrachloroethene

Concen: 108.074 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:164 Resp: 191882

Ion Ratio Lower Upper

164 100

166 130.6 102.4 153.6

129 89.1 70.1 105.1

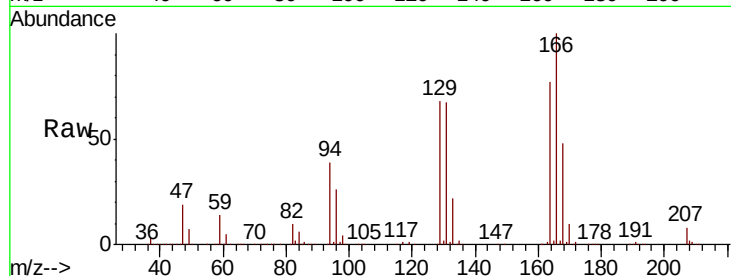
131 87.1 69.1 103.7

Manual Integrations

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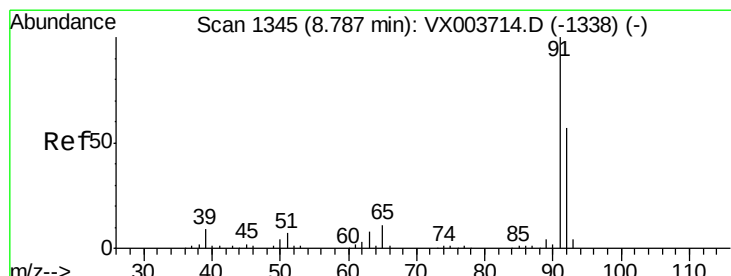
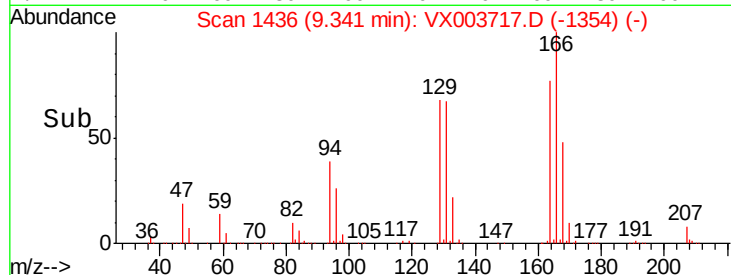
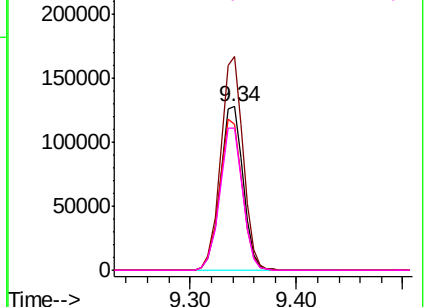


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 139.240 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003717.D

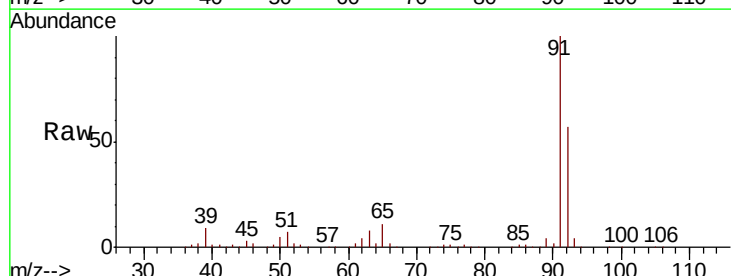
Acq: 27 Jul 2018 15:18

Tgt Ion: 91 Resp: 881242

Ion Ratio Lower Upper

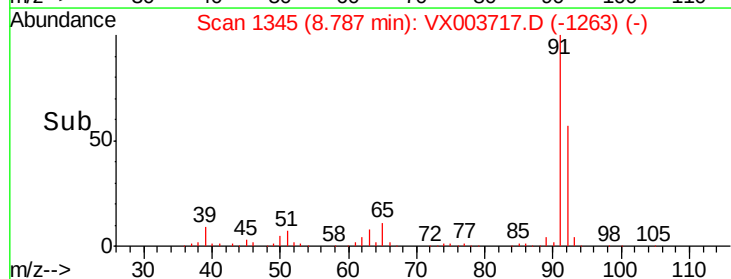
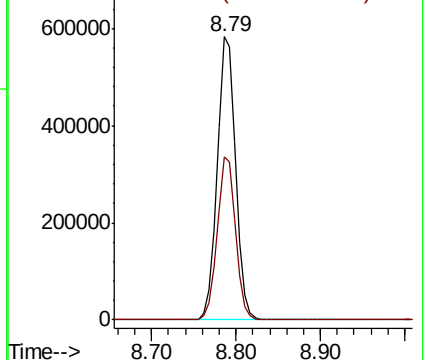
91 100

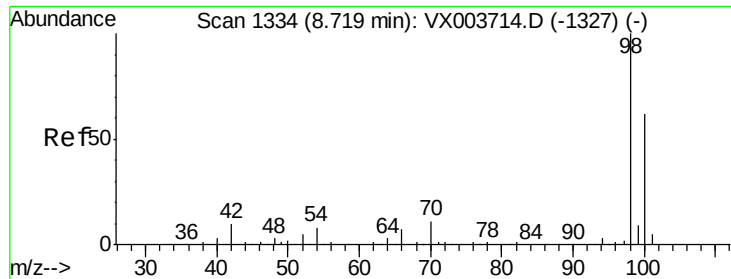
92 57.4 46.5 69.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





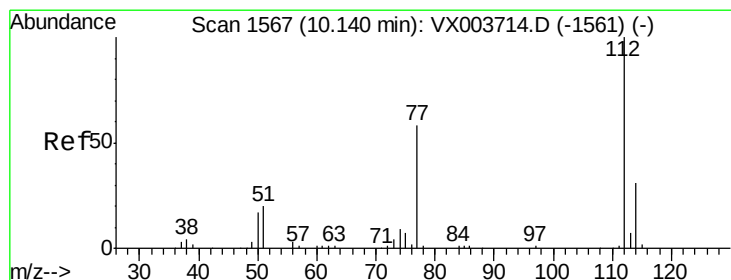
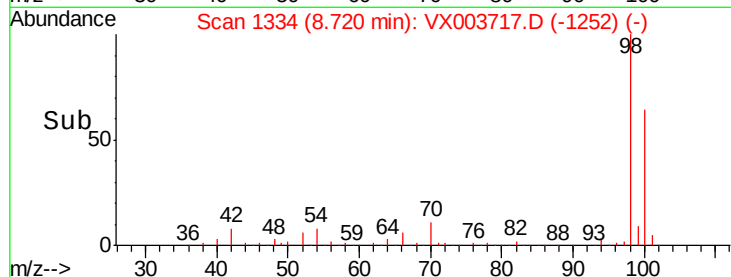
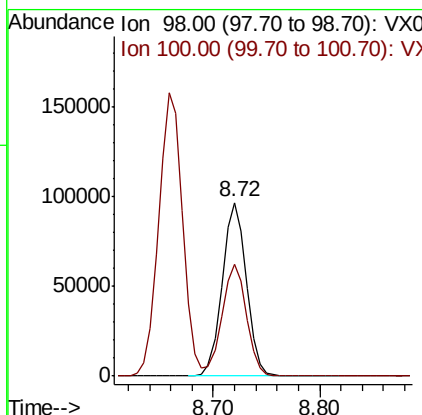
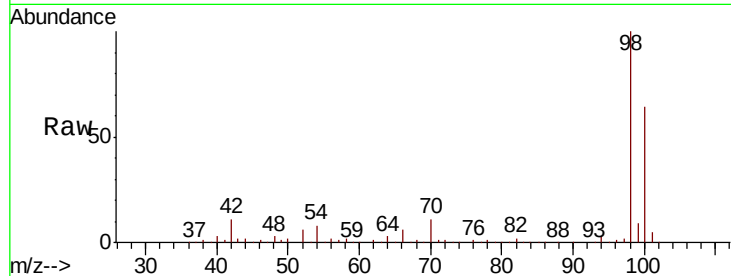
#63
Toluene-d8
Concen: 30.029 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 98 Resp: 154000
Ion Ratio Lower Upper
98 100
100 64.9 50.8 76.2

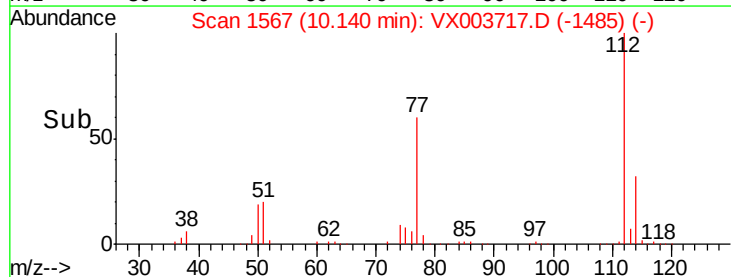
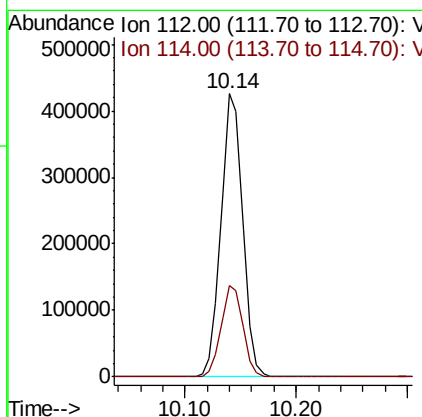
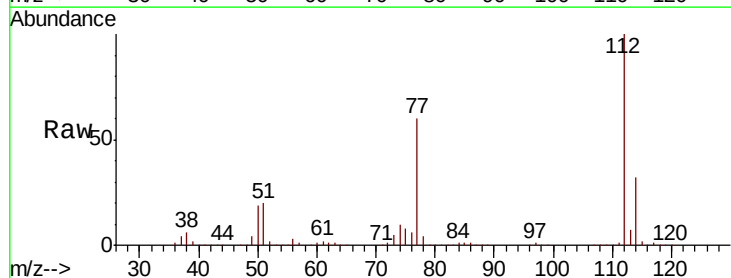
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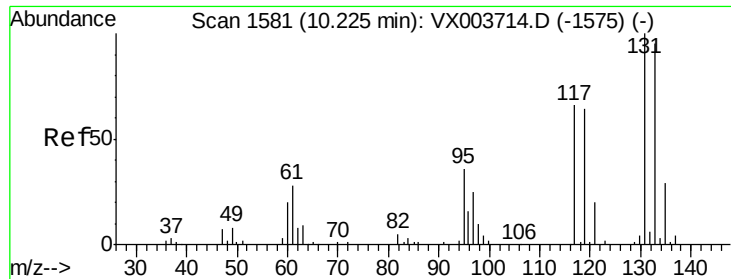
MMDadoda
7/30/2018 3:42:31 PM



#64
Chlorobenzene
Concen: 137.097 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Tgt Ion: 112 Resp: 574581
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 141.744 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :

MSVOA_X

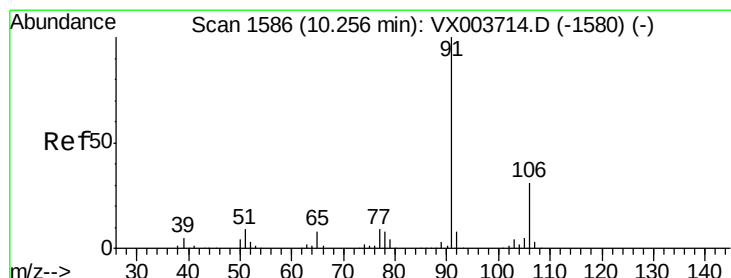
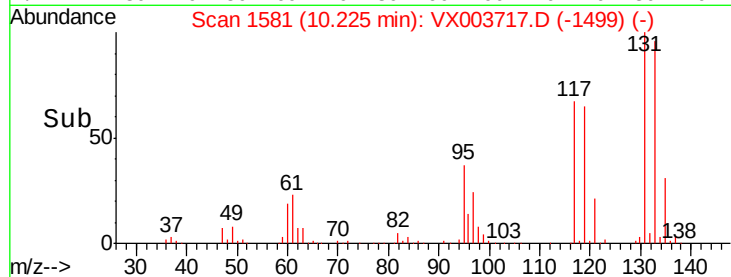
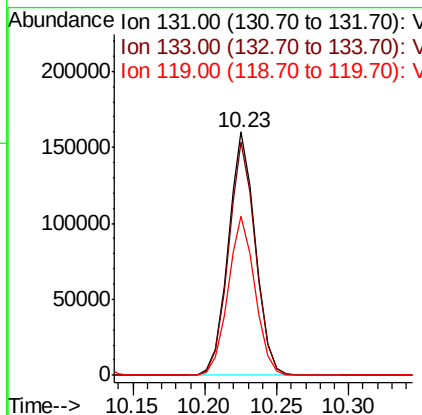
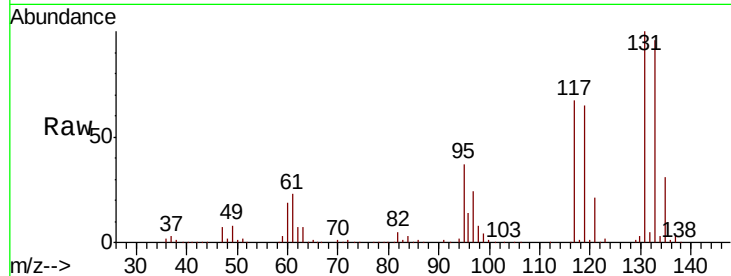
ClientSampleId :

VSTDIC150

Tot Ion:	131	Resp:	210711
Ion Ratio	Lower	Upper	
131	100		
133	95.8	0.0	191.2
119	65.5	0.0	125.4

Manual Integrations
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#66

Ethyl Benzene

Concen: 144.454 ug/l

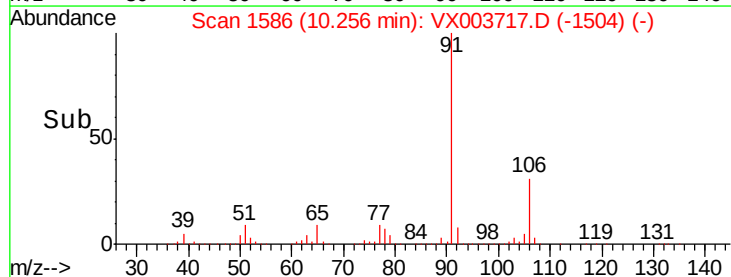
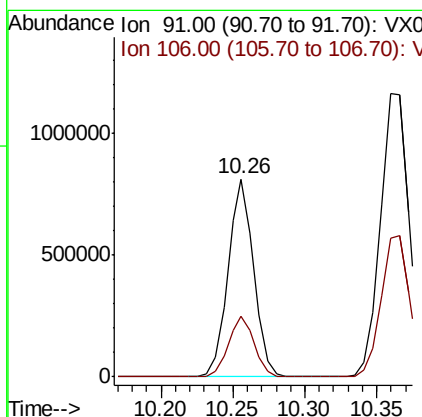
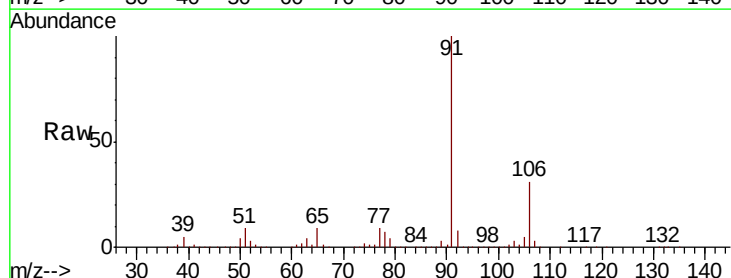
RT: 10.26 min Scan# 1586

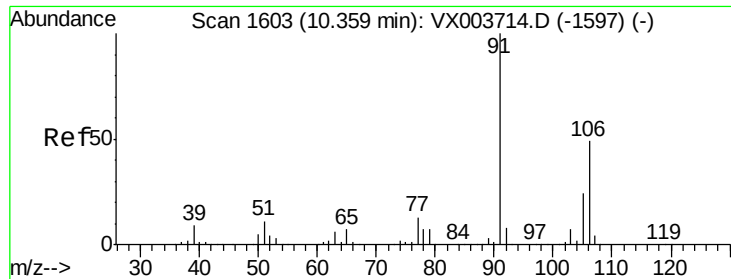
Delta R.T. 0.00 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Tgt Ion:	91	Resp:	1010254
Ion Ratio	Lower	Upper	
91	100		
106	30.9	25.2	37.8





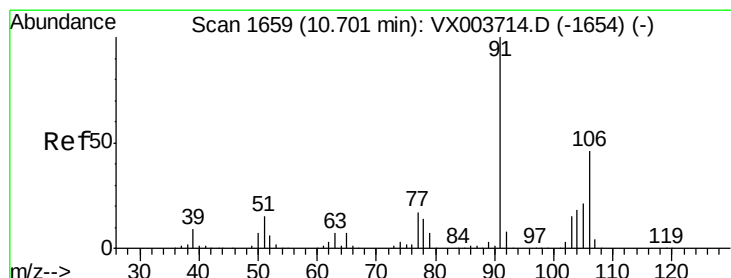
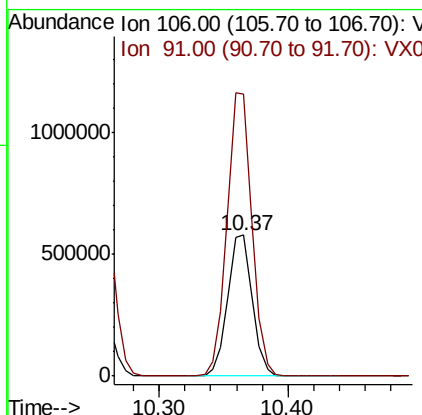
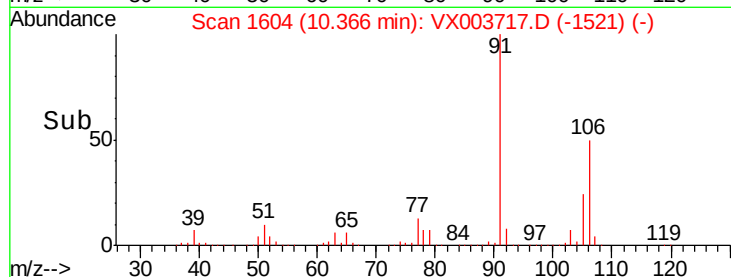
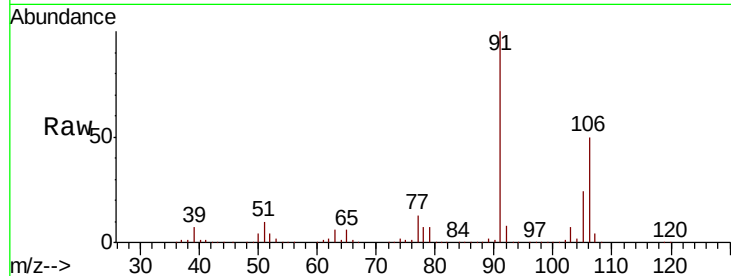
#67
m/p-Xylenes
Concen: 287.625 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	202.3	164.1	246.1	

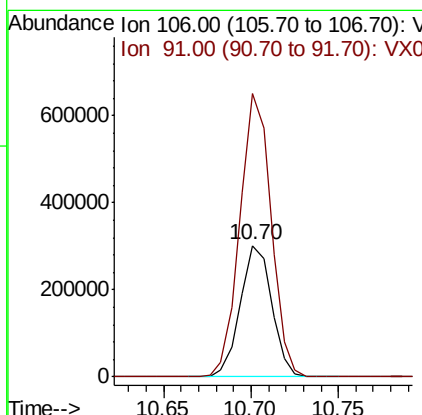
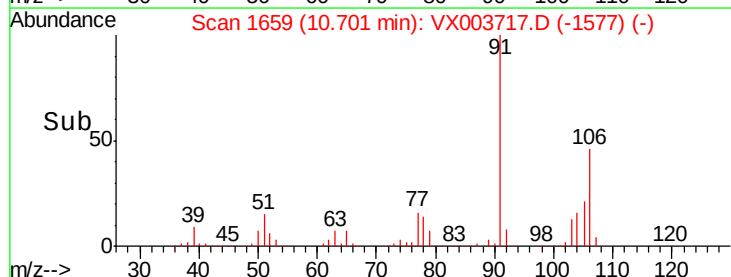
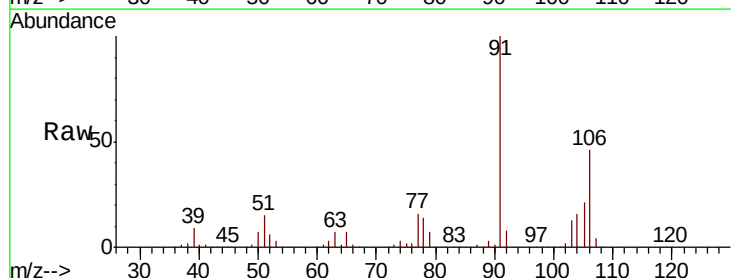
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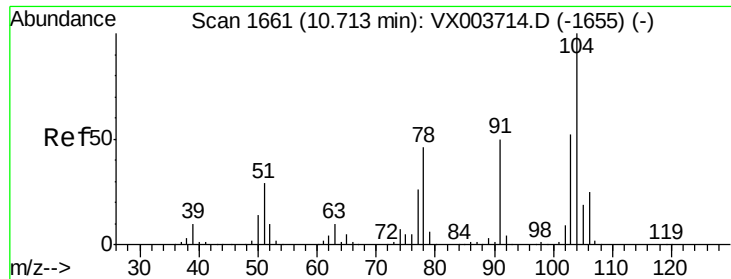
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#68
o-Xylene
Concen: 145.252 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	214.2	109.1	327.3	





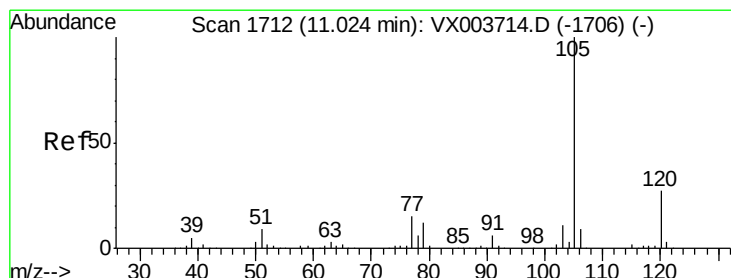
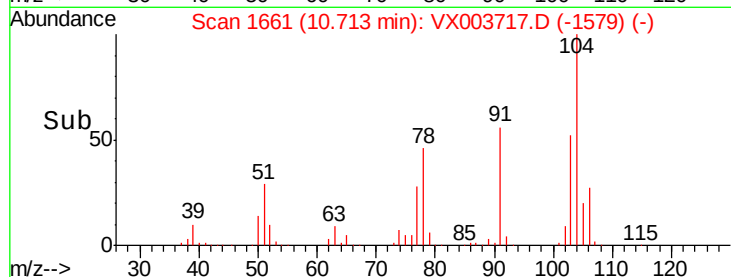
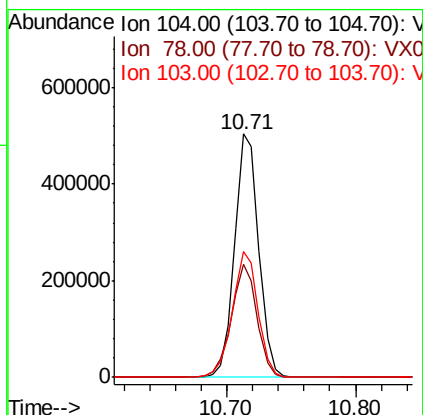
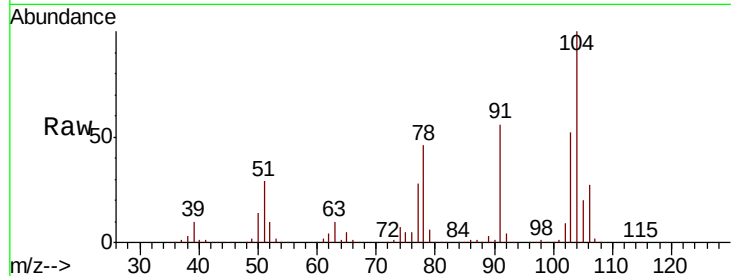
#69
Stvrene
Concen: 150.337 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.4	41.8	62.8
103	55.2	44.9	67.3

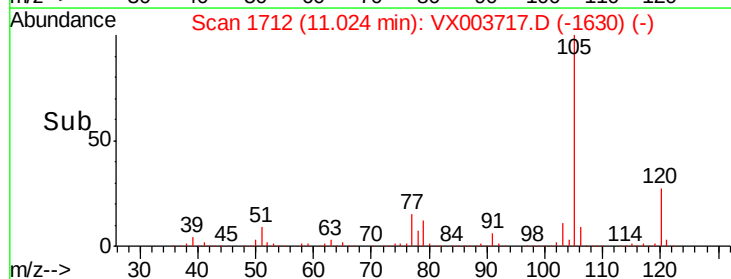
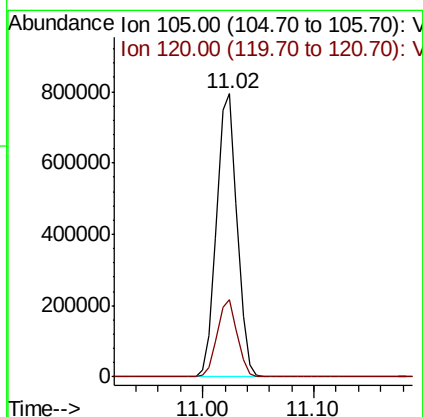
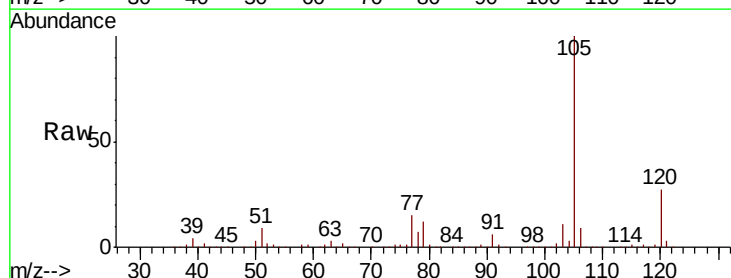
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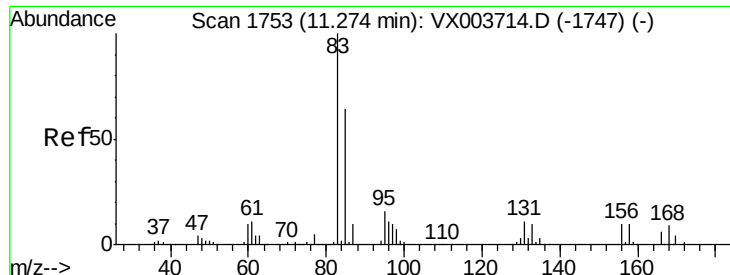
MMDadoda
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#70
Isopropylbenzene
Concen: 146.029 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.8	19.0	35.2





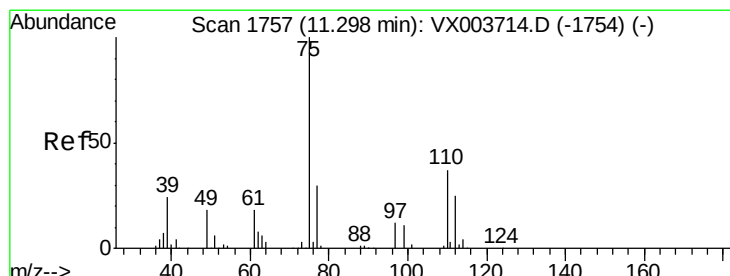
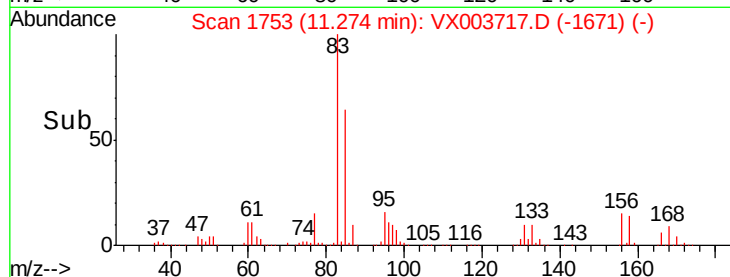
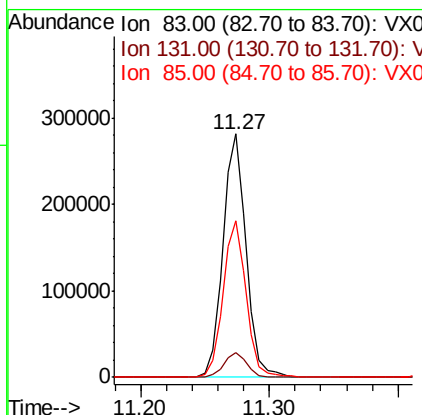
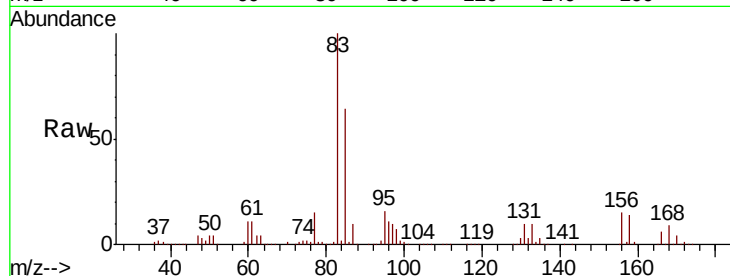
#71
 1,1,2,2-Tetrachloroethane
 Concen: 163.296 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	10.2	5.4	16.2	
85	64.2	32.4	97.2	

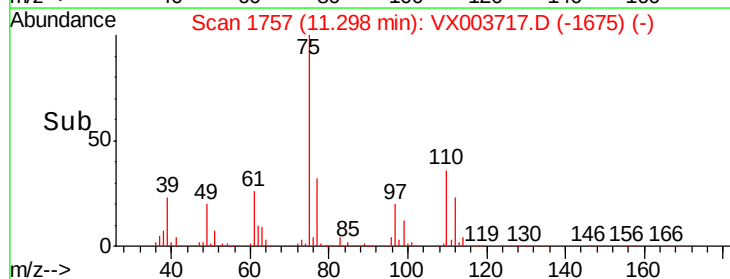
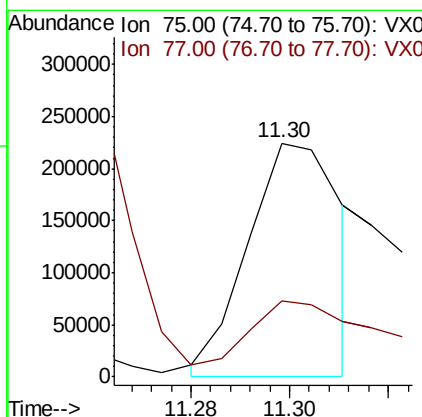
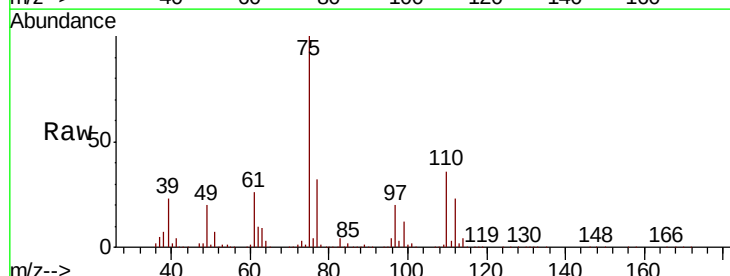
Manual Integrations
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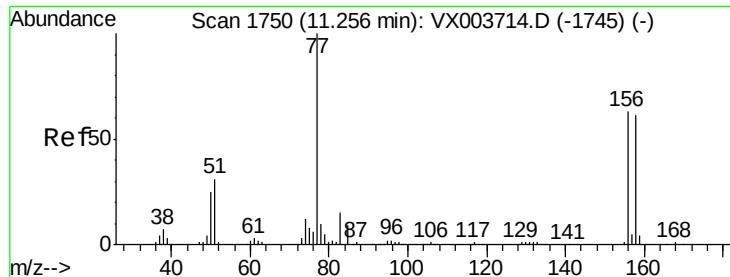
MMDadoda
 7/30/2018 3:42:31 PM



#72
 1,2,3-Trichloropropane
 Concen: 114.364 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	46.7	0.0	71.8	





#73

Bromobenzene

Concen: 138.530 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :

MSVOA_X

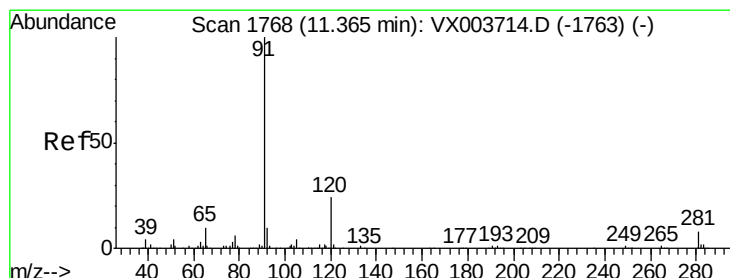
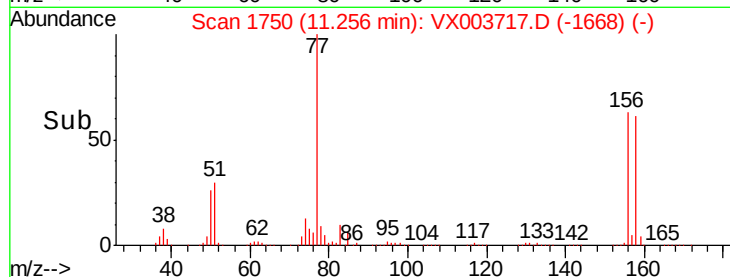
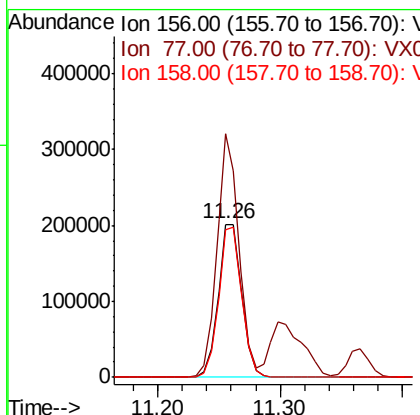
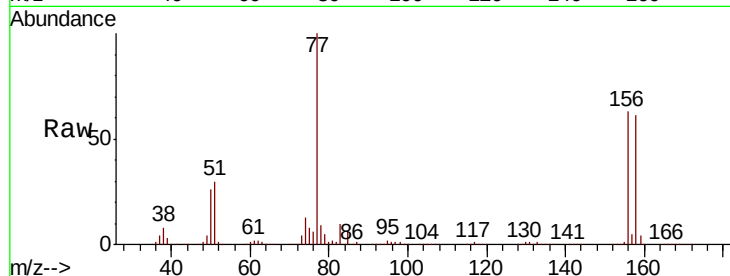
ClientSampled :

VSTDIC150

Tot Ion:	156	Resp:	267343
Ion Ratio	Lower	Upper	
156	100		
77	149.2	0.0	301.0
158	97.1	0.0	196.2

Manual Integrations
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#74

n-propylbenzene

Concen: 148.177 ug/l

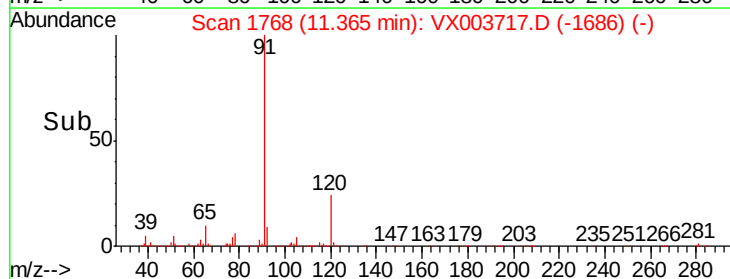
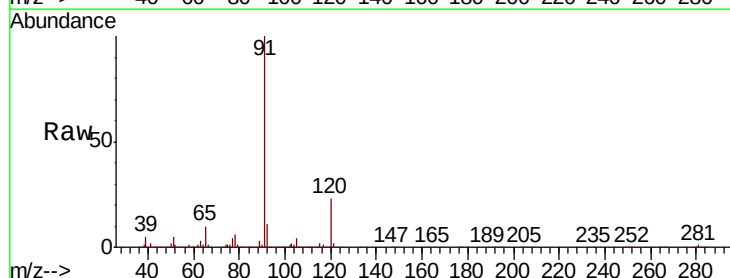
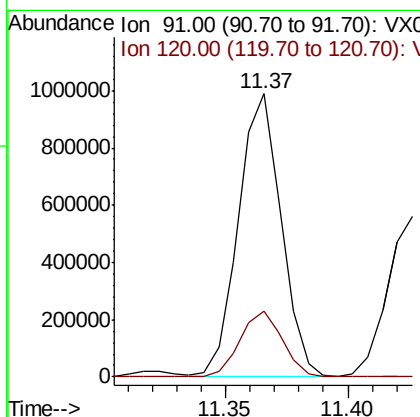
RT: 11.37 min Scan# 1768

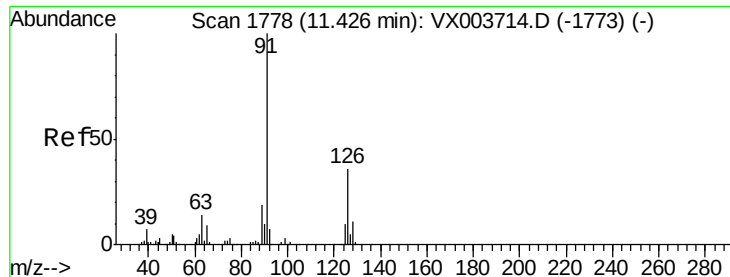
Delta R.T. 0.00 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Tgt Ion:	91	Resp:	1198198
Ion Ratio	Lower	Upper	
91	100		
120	23.1	0.0	46.2





#75

2-Chlorotoluene

Concen: 143.693 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 695022

Ion Ratio Lower Upper

91 100

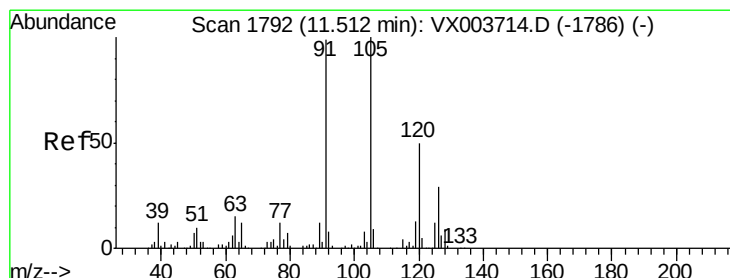
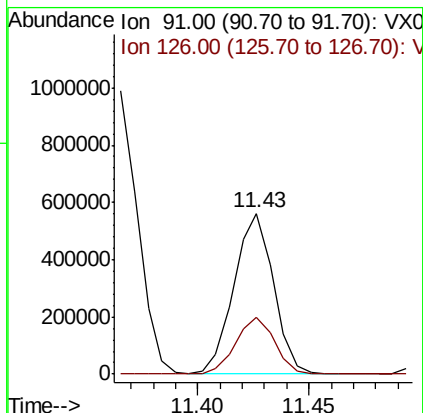
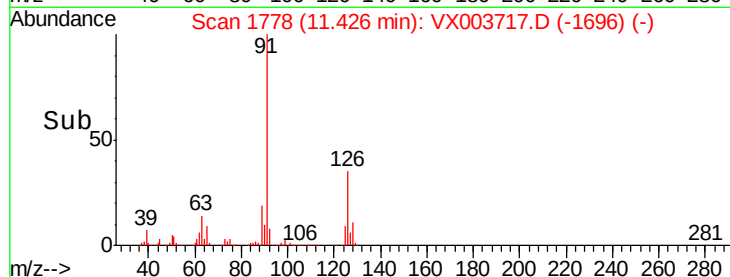
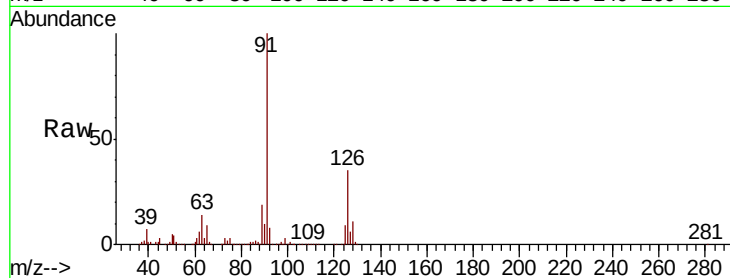
126 34.8 0.0 69.4

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#76

1,3,5-Trimethylbenzene

Concen: 149.926 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003717.D

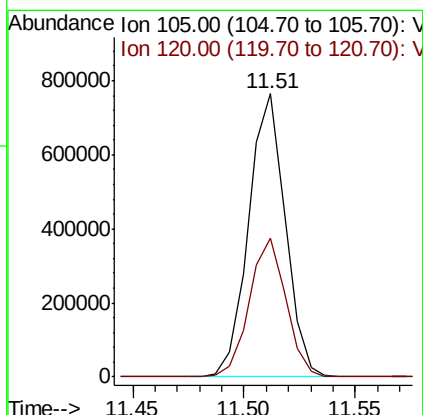
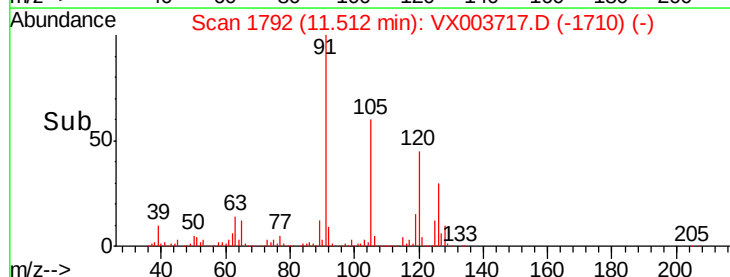
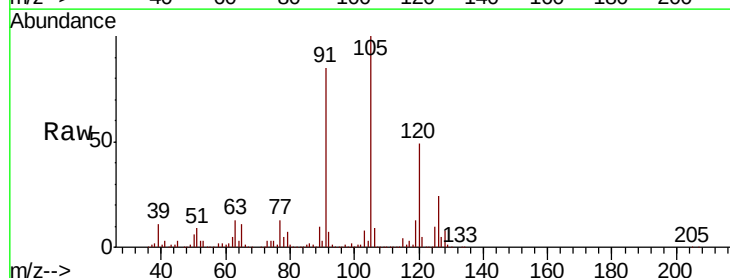
Acq: 27 Jul 2018 15:18

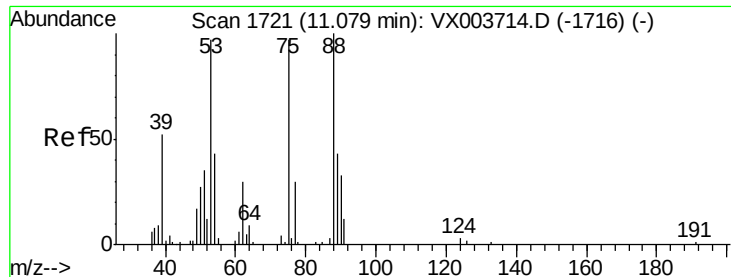
Tgt Ion: 105 Resp: 880799

Ion Ratio Lower Upper

105 100

120 48.8 0.0 96.8





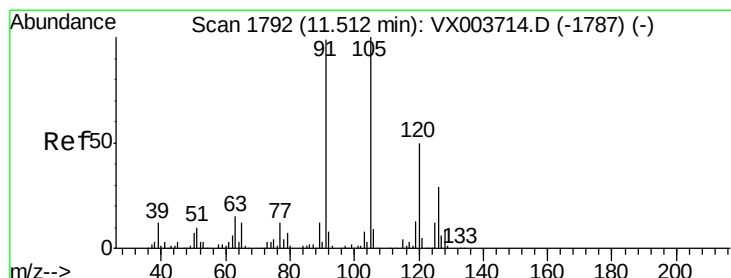
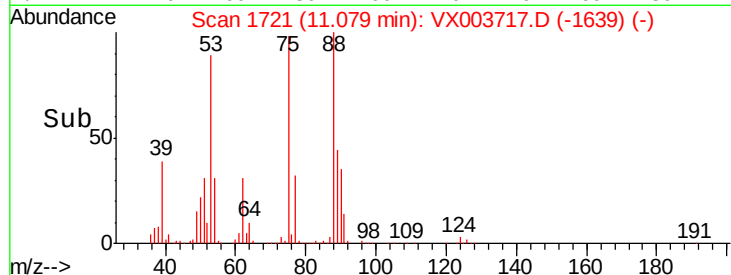
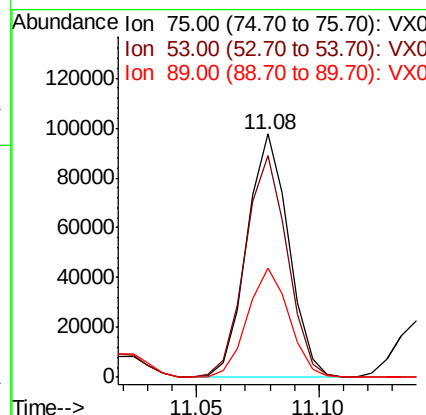
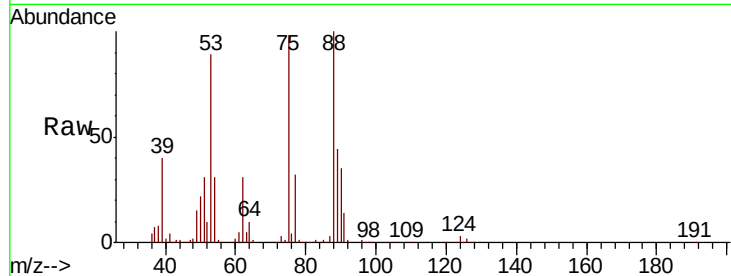
#77
t-1,4-Dichloro-2-butene
Concen: 190.892 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.9	48.3	144.9
89	45.0	21.8	65.4

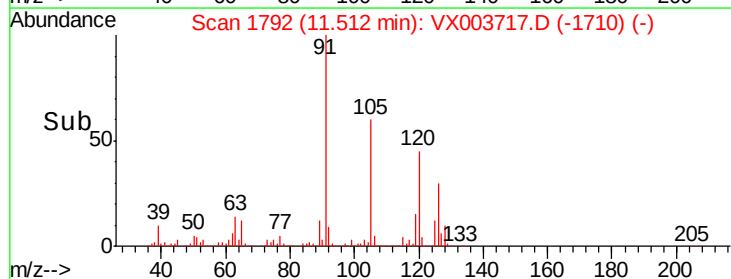
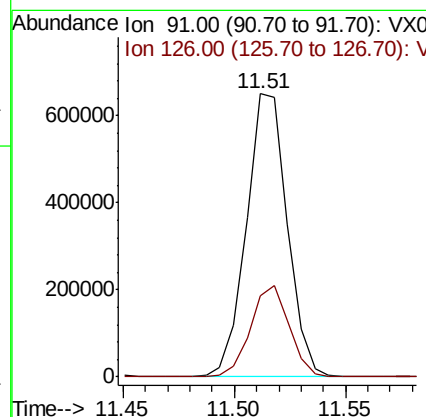
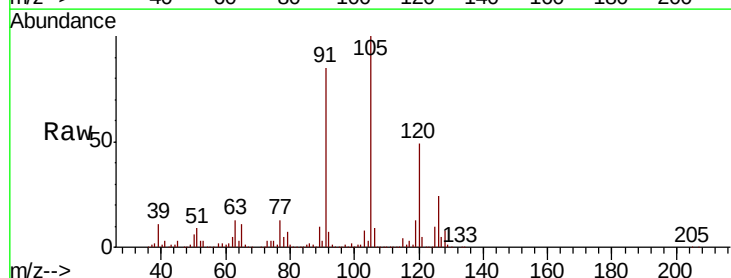
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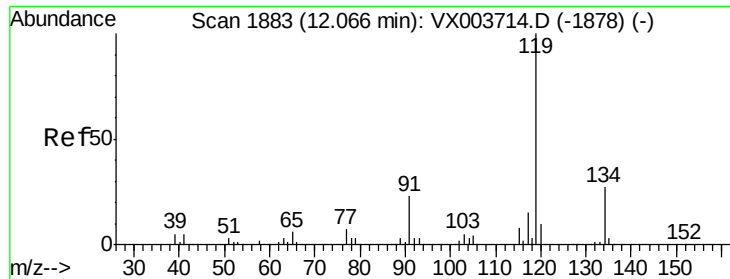
MMDadoda
7/30/2018 3:42:31 PM



#78
4-Chlorotoluene
Concen: 147.392 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	0.0	61.0





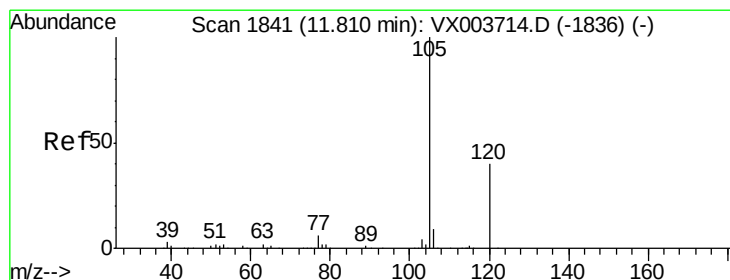
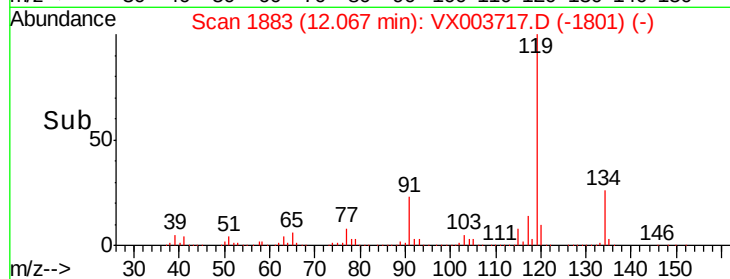
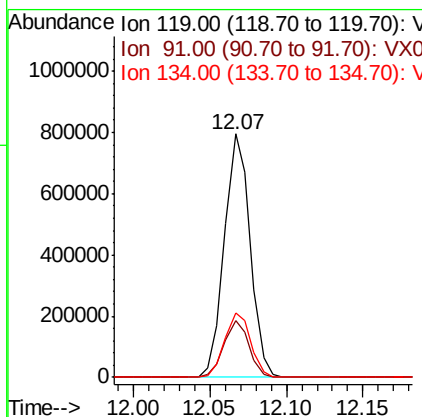
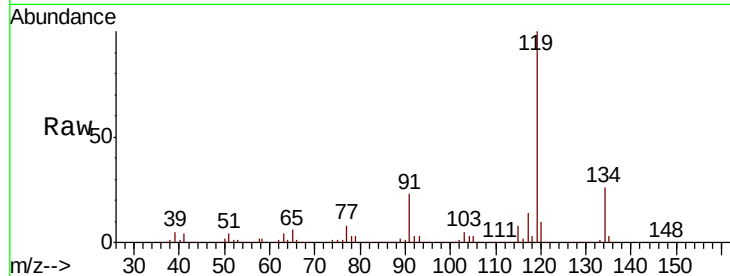
#79
tert-butylbenzene
Concen: 149.001 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Resp	Lower	Upper
119	100	927089		
91	22.9	0.0	48.0	
134	26.6	0.0	52.6	

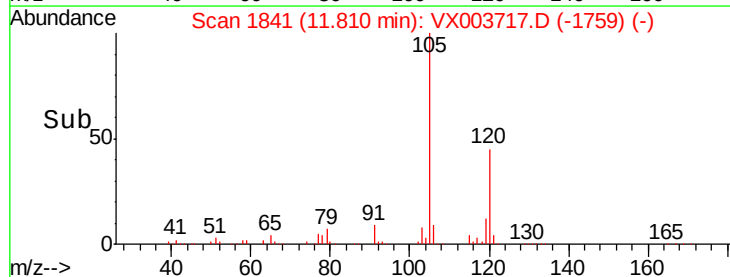
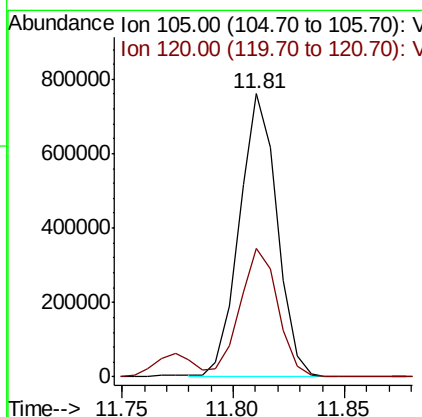
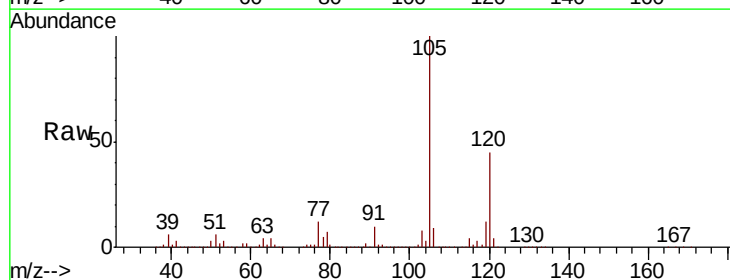
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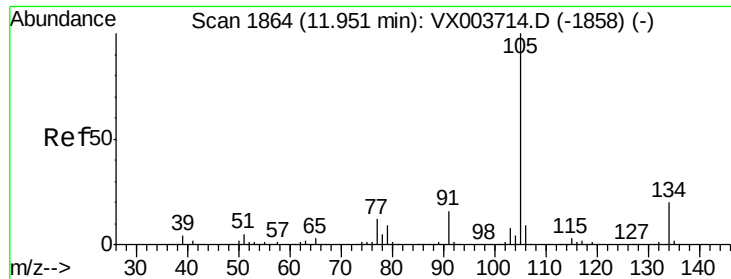
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#80
1,2,4-Trimethylbenzene
Concen: 150.493 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	898389		
120	45.8	0.0	89.2	





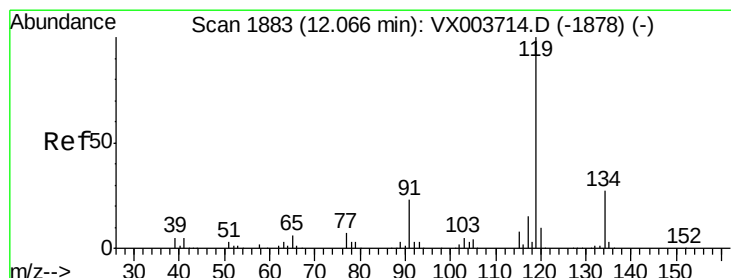
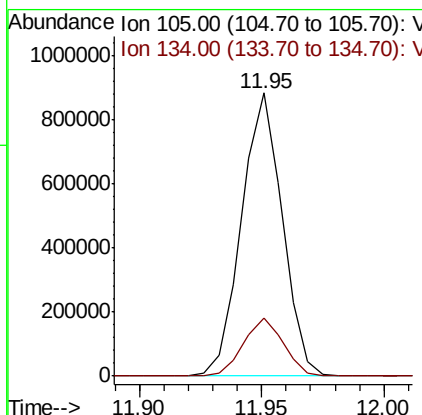
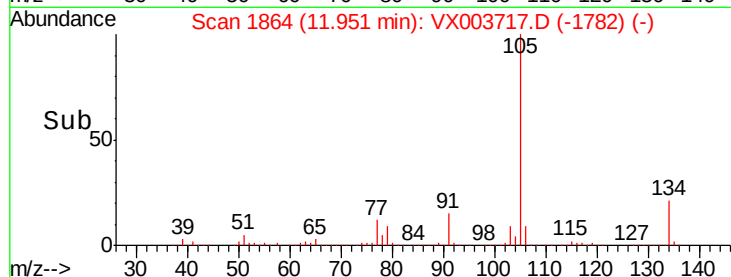
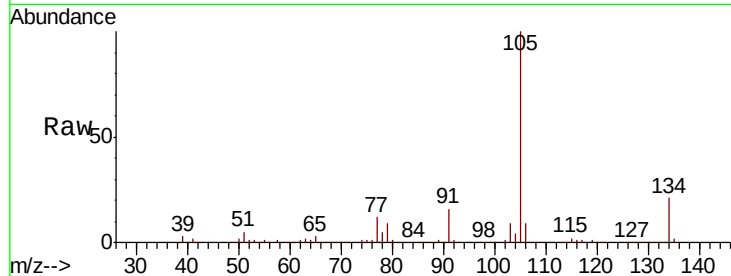
#81
 sec-Butylbenzene
 Concen: 147.851 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 1027632
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 41.6

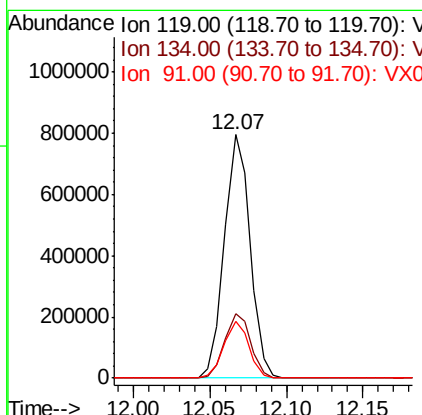
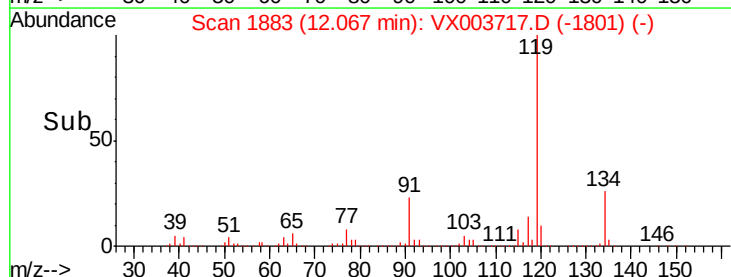
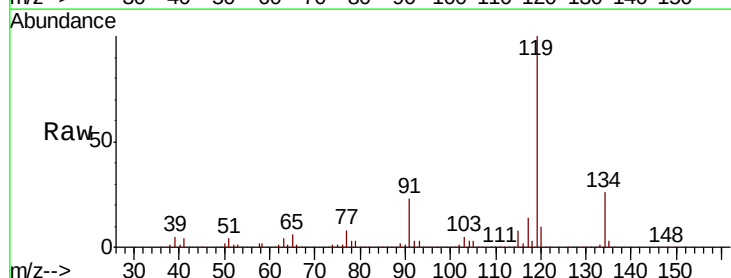
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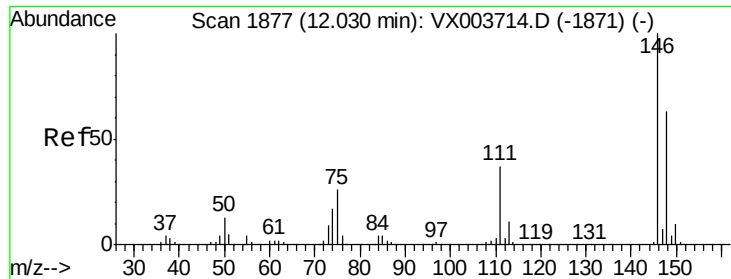
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 7/30/2018 3:42:31 PM



#82
 p-Isopropyltoluene
 Concen: 149.001 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Tgt Ion:119 Resp: 927089
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 52.6
 91 22.9 0.0 48.0





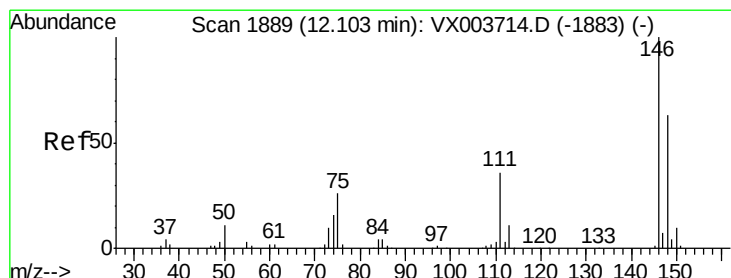
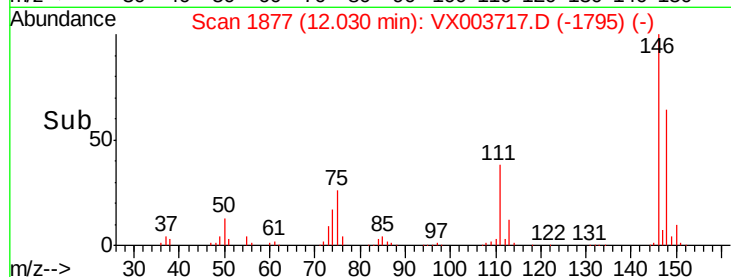
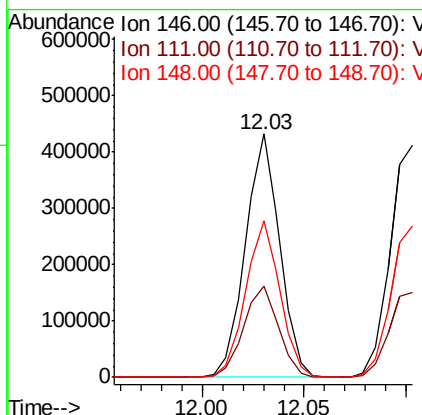
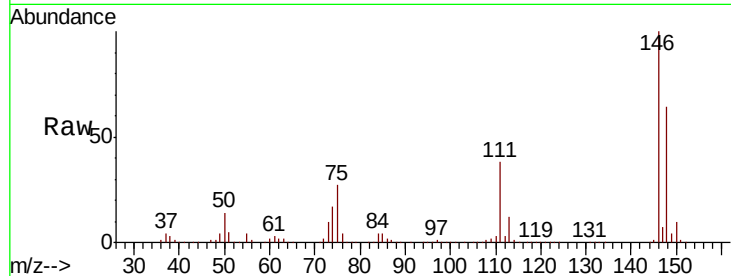
#83
 1,3-Dichlorobenzene
 Concen: 141.216 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.5
148	64.2	31.9	95.7

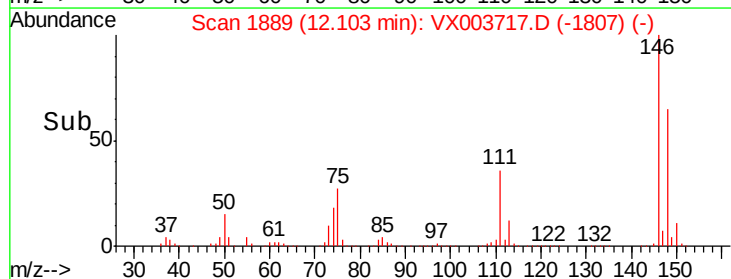
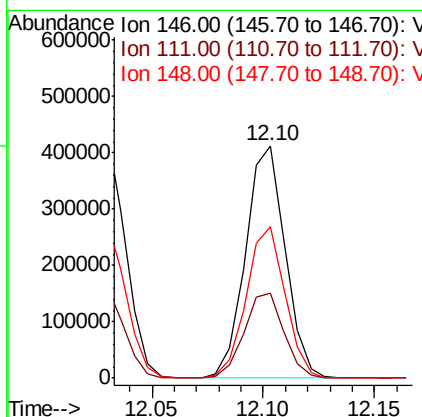
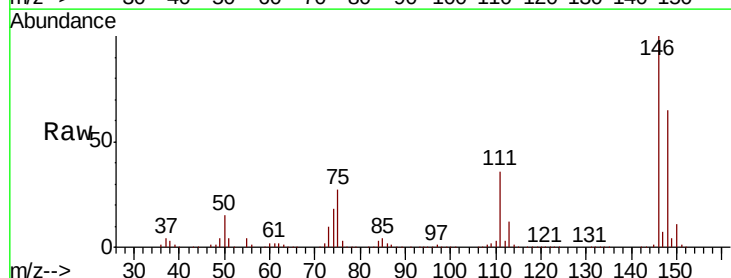
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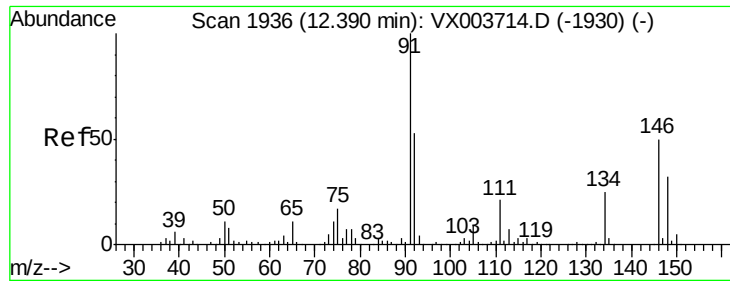
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#84
 1,4-Dichlorobenzene
 Concen: 141.637 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.9	18.5	55.5
148	64.3	32.0	96.0





#85

n-Butylbenzene

Concen: 156.172 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Instrument :

MSVOA_X

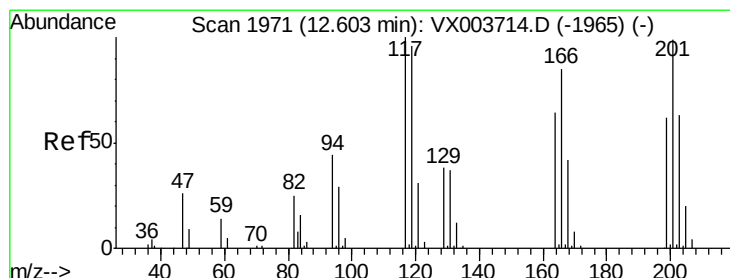
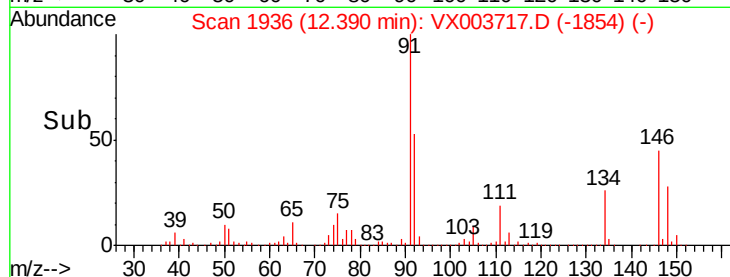
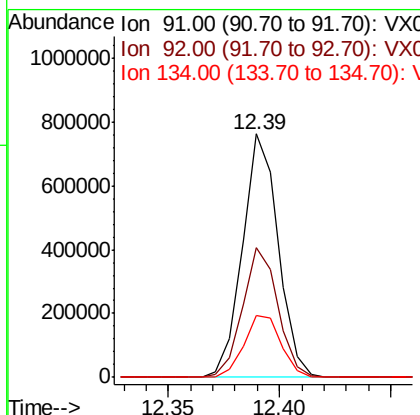
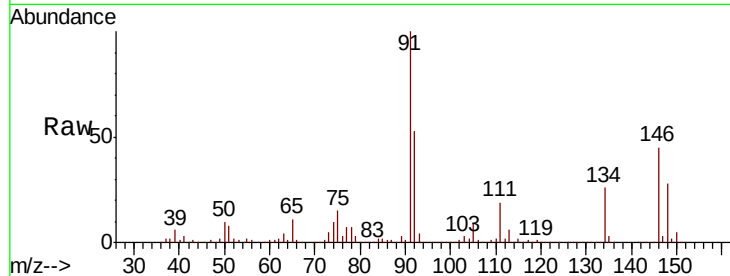
ClientSampleId :

VSTDIC150

Tot Ion:	91	Resp:	853143
Ion Ratio	Lower	Upper	
91	100		
92	52.9	0.0	105.2
134	26.7	0.0	53.2

Manual Integrations
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#86

Hexachloroethane

Concen: 171.141 ug/l

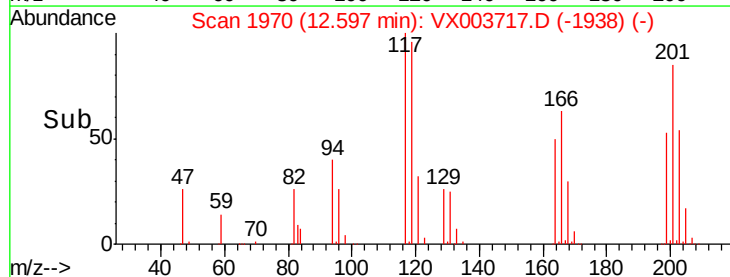
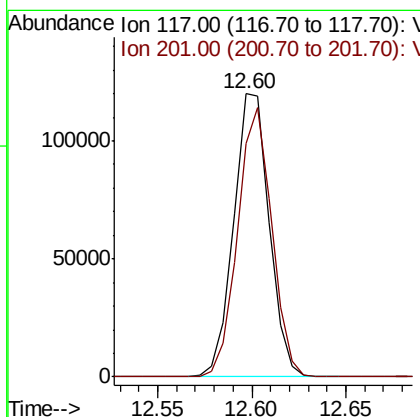
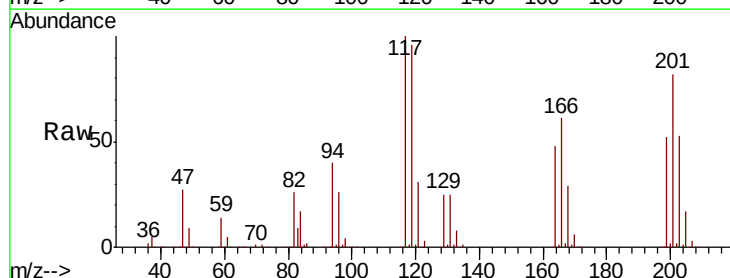
RT: 12.60 min Scan# 1970

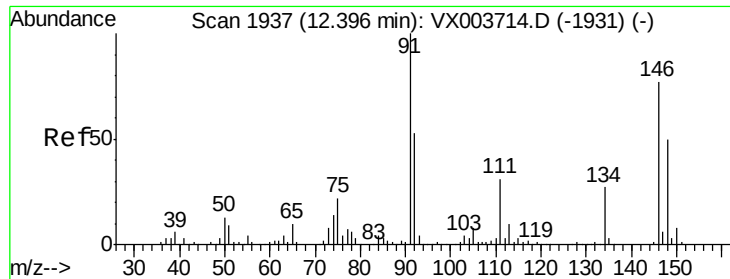
Delta R.T. -0.01 min

Lab File: VX003717.D

Acq: 27 Jul 2018 15:18

Tgt Ion:	117	Resp:	156747
Ion Ratio	Lower	Upper	
117	100		
201	91.4	47.6	142.8





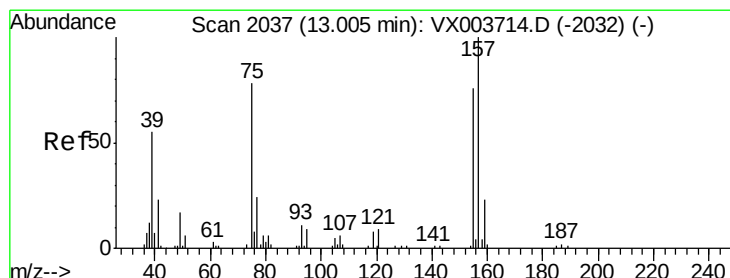
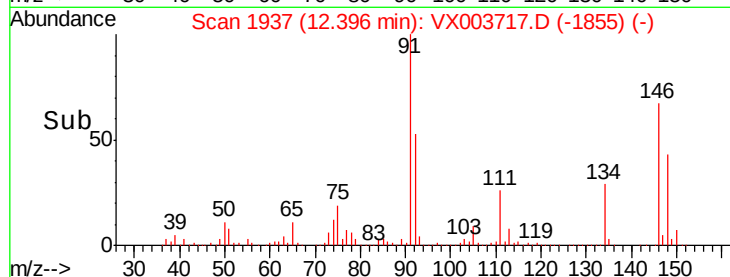
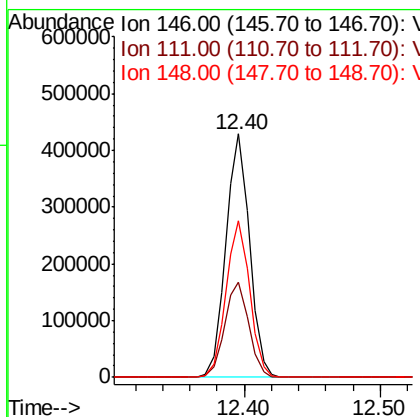
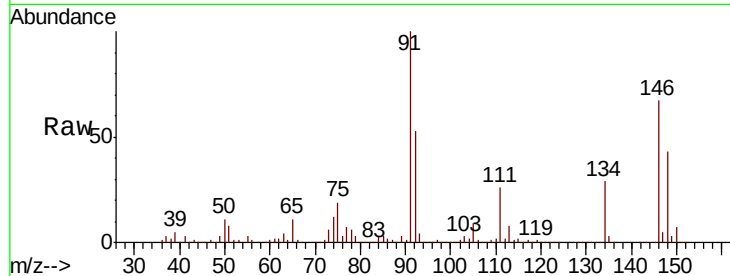
#87
 1,2-Dichlorobenzene
 Concen: 144.262 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.0	59.9
148	64.2	32.8	98.3

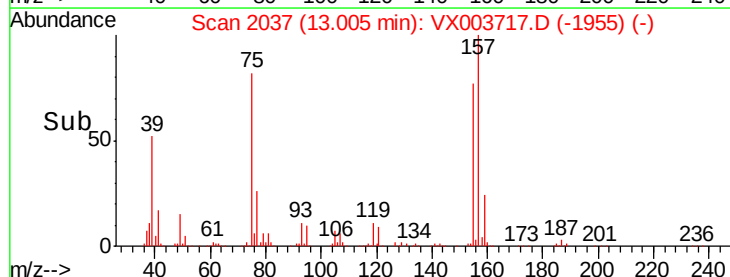
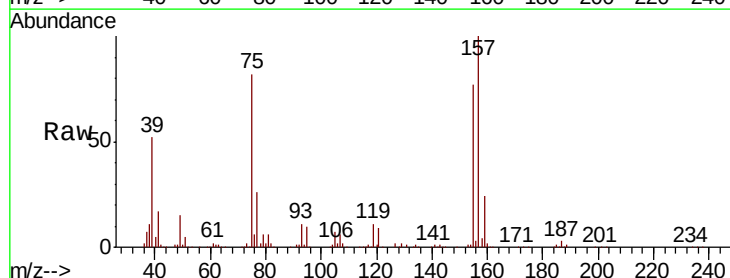
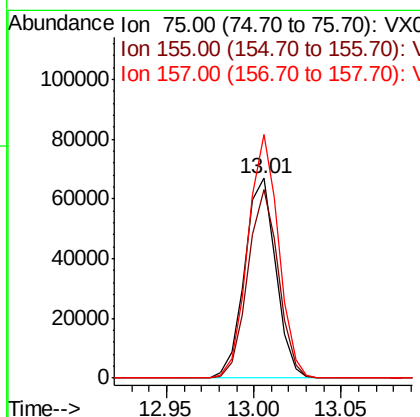
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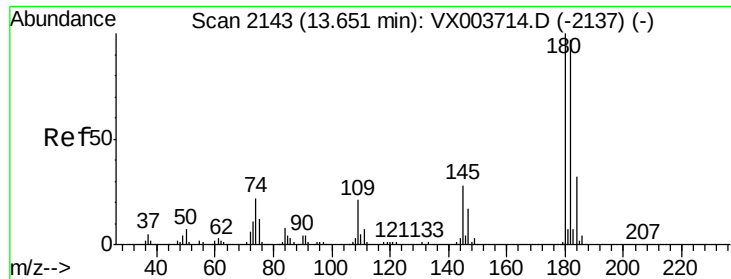
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 183.408 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003717.D
 Acq: 27 Jul 2018 15:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.5	73.1	109.7
157	119.3	93.1	139.7





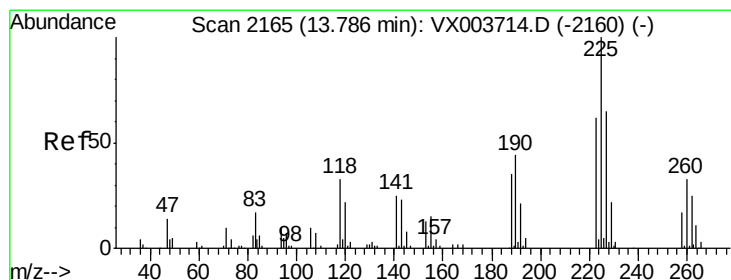
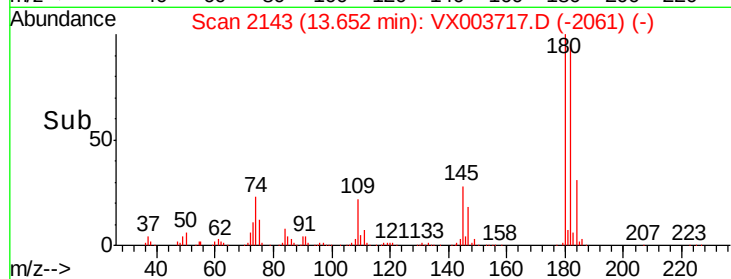
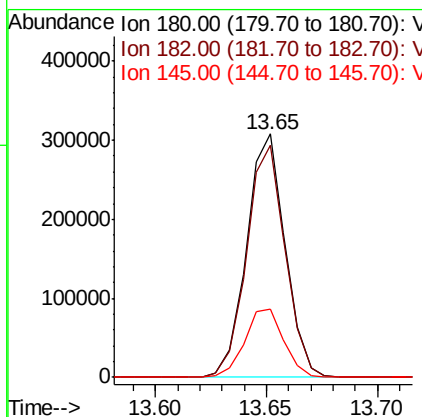
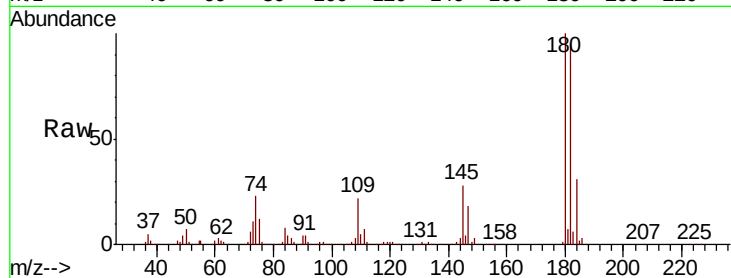
#89
1,2,4-Trichlorobenzene
Concen: 144.360 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.4	114.6
145	28.7	22.9	34.3

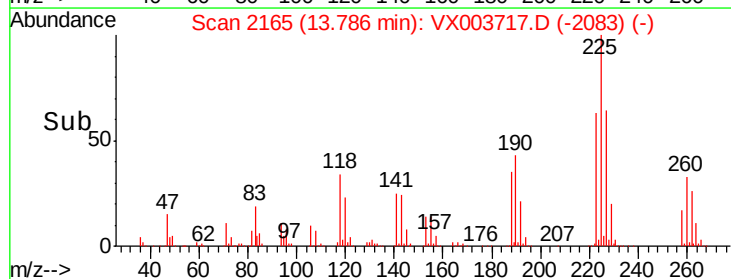
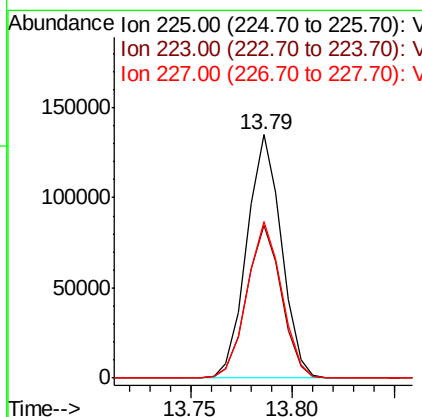
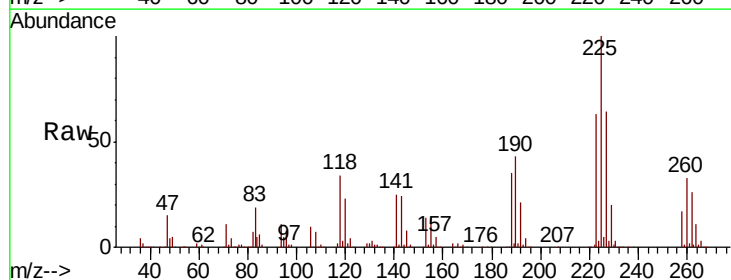
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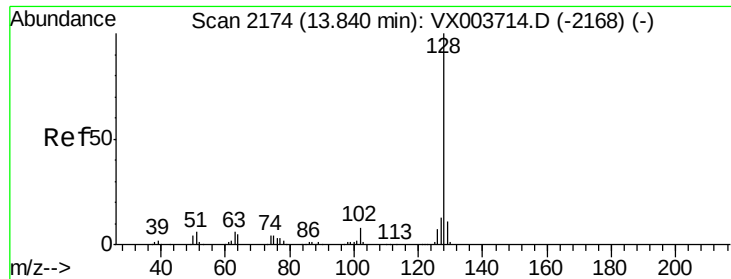
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#90
Hexachlorobutadiene
Concen: 126.790 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	0.0	122.4
227	64.2	0.0	128.0





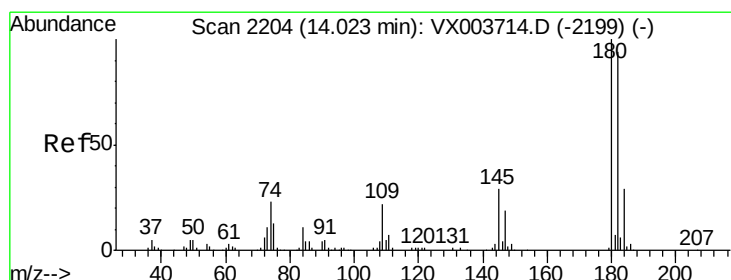
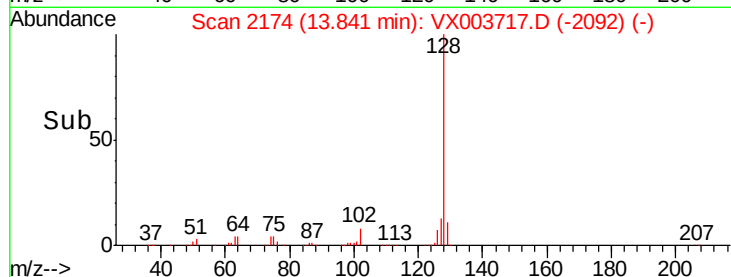
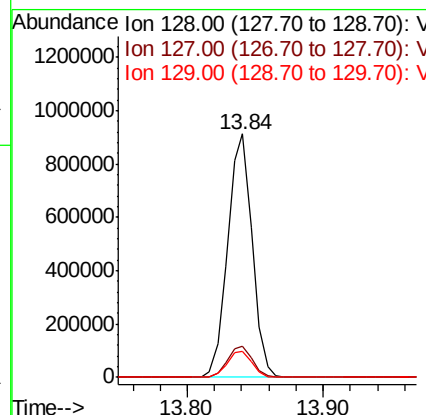
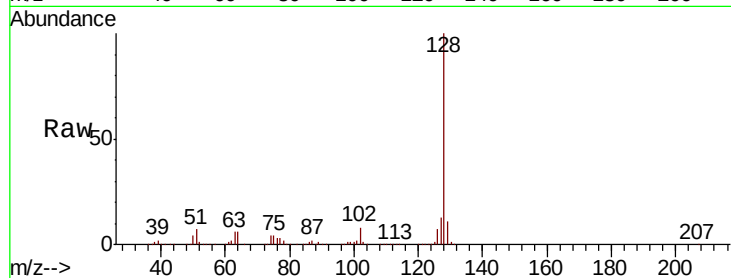
#91
Naphthalene
Concen: 152.408 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.0	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 136.171 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003717.D
Acq: 27 Jul 2018 15:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	0.0	191.0
145	30.6	0.0	60.6

