

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072718\
 Data File : VX003721.D
 Acq On : 27 Jul 2018 19:39
 Operator : JC/SP
 Sample : VX0727WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/30/2018 3:42:32 PM

Quant Time: Jul 28 02:40:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072718W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 27 16:17:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	24075	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	121762	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	97425	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	50796	28.74	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.80%
60) 4-Bromofluorobenzene	11.14	95	47039	29.99	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.97%
63) Toluene-d8	8.72	98	134900	30.74	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.47%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	22299	17.536	ug/l 99
3) Chloromethane	1.32	50	30079	17.575	ug/l 98
4) Vinyl Chloride	1.40	62	31215	17.343	ug/l 99
5) Bromomethane	1.64	94	18440	17.140	ug/l 97
6) Chloroethane	1.72	64	20698	17.568	ug/l 97
7) Trichlorofluoromethane	1.93	101	41942	17.325	ug/l 97
8) Diethyl Ether	2.19	74	18027	17.372	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	26438	18.010	ug/l 97
10) 1,1-Dichloroethene	2.37	96	24777	17.951	ug/l 91
11) Methyl Iodide	2.51	142	32027	16.740	ug/l 94
12) Methyl Acetate	2.78	43	47002	18.404	ug/l 95
13) Acrolein	2.29	56	17540	88.056	ug/l 99
14) Acrylonitrile	3.15	53	91599	91.023	ug/l 98
15) Acetone	2.45	58	23954	87.719	ug/l 74
16) Carbon Disulfide	2.57	76	64890	16.929	ug/l 100
17) Allyl chloride	2.73	41	48937	17.131	ug/l 89
18) Methylene Chloride	2.86	84	29386	17.973	ug/l 97
19) trans-1,2-Dichloroethene	3.17	96	26752	17.930	ug/l 98
20) Diisopropyl ether	3.87	45	95832	18.268	ug/l 97
21) 1,1-Dichloroethane	3.70	63	54104	18.219	ug/l 98
22) cis-1,2-Dichloroethene	4.60	96	29835	19.802	ug/l # 76
23) tert-Butyl Alcohol	3.07	59	38000	89.897	ug/l 100
24) Methyl tert-Butyl Ether	3.21	73	88769	17.932	ug/l 91
25) Chloroform	5.22	83	49580	19.278	ug/l 99
26) Cyclohexane	5.57	56	43164	19.347	ug/l # 98
29) 1,1-Dichloropropene	5.80	75	35528	19.759	ug/l 98
30) 2-Butanone	4.71	43	117039	101.928	ug/l 95
31) 2,2-Dichloropropane	4.59	77	34898	20.037	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	41684	20.262	ug/l 98
33) Carbon Tetrachloride	5.79	117	35578	19.902	ug/l 96
34) Benzene	6.15	78	113277	20.506	ug/l 98
35) Methacrylonitrile	5.07	41	24275	20.343	ug/l 92
36) 1,2-Dichloroethane	6.20	62	40291	20.291	ug/l 97
37) Trichloroethene	7.21	130	27454	19.067	ug/l 99
38) Methylcyclohexane	7.46	83	38036	18.616	ug/l 99
39) 1,2-Dichloropropane	7.52	63	27365	18.744	ug/l 97
40) Dibromomethane	7.67	93	16104	17.046	ug/l 96

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 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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Manual Integrations
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MMDadoda
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Quant Time: Jul 28 02:40:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072718W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 27 16:17:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	29666	16.436	ug/l	98
42) Vinyl Acetate	3.83	43	405354	91.872	ug/l	99
43) Ethyl Acetate	4.87	43	43762	20.403	ug/l	96
44) Isopropyl Acetate	6.47	43	64879	19.722	ug/l	95
45) 1,4-Dioxane	7.76	88	12161	332.861	ug/l #	88
46) Methyl methacrylate	7.78	41	29218	17.215	ug/l	96
47) n-amyl Acetate	10.90	43	51070	16.443	ug/l #	89
48) t-1,3-Dichloropropene	8.44	75	36344	16.594	ug/l	99
49) cis-1,3-Dichloropropene	9.04	75	33401	16.254	ug/l	96
50) 1,1,2-Trichloroethane	9.22	97	24429	16.289	ug/l	97
51) Ethyl methacrylate	9.18	69	35478	15.711	ug/l	92
52) 1,3-Dichloropropane	9.38	76	41157	16.490	ug/l	100
53) Dibromochloromethane	9.59	129	24665	16.743	ug/l	99
54) 1,2-Dibromoethane	9.68	107	26320	16.782	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	96238	82.626	ug/l	100
56) Bromoform	10.86	173	17924	15.679	ug/l	99
58) 4-Methyl-2-Pentanone	8.65	43	197489	107.355	ug/l	97
59) 2-Hexanone	9.50	43	151891	103.698	ug/l	96
61) Tetrachloroethene	9.34	164	22104	19.495	ug/l	97
62) Toluene	8.79	91	102735	20.317	ug/l	99
64) Chlorobenzene	10.14	112	65698	20.105	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	22988	19.881	ug/l	98
66) Ethyl Benzene	10.26	91	110335	19.828	ug/l	99
67) m/p-Xylenes	10.36	106	85804	40.034	ug/l	99
68) o-Xylene	10.70	106	41414	20.198	ug/l	98
69) Styrene	10.71	104	69227	19.939	ug/l	98
70) Isopropylbenzene	11.02	105	111781	19.800	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.27	83	39678	19.689	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	34506m	20.583	ug/l	
73) Bromobenzene	11.26	156	29025	19.078	ug/l	99
74) n-propylbenzene	11.36	91	131852	19.829	ug/l	99
75) 2-Chlorotoluene	11.42	91	78461	20.020	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	94154	19.656	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	10381	18.172	ug/l	93
78) 4-Chlorotoluene	11.51	91	89946	19.615	ug/l	99
79) tert-butylbenzene	12.07	119	101681	20.631	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	109174	22.270	ug/l	99
81) sec-Butylbenzene	11.95	105	122900	22.031	ug/l	98
82) p-Isopropyltoluene	12.07	119	101681	20.631	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	55349	19.921	ug/l	100
84) 1,4-Dichlorobenzene	12.10	146	57735	20.639	ug/l	100
85) n-Butylbenzene	12.39	91	92272	21.092	ug/l	99
86) Hexachloroethane	12.60	117	15088	18.997	ug/l	94
87) 1,2-Dichlorobenzene	12.40	146	60638	21.740	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.00	75	8278	19.461	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	37702	19.251	ug/l	100
90) Hexachlorobutadiene	13.79	225	17279	19.464	ug/l	99
91) Naphthalene	13.84	128	120320	20.103	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	40562	20.339	ug/l	100

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

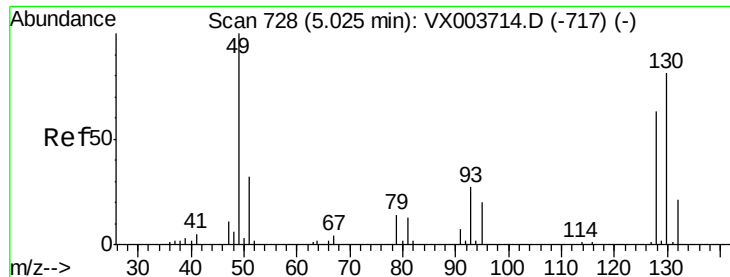
Manual Integrations
APPROVED

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7/30/2018 3:42:32 PM

Quant Time: Jul 28 02:40:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072718W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 27 16:17:43 2018
Response via : Initial Calibration

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: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

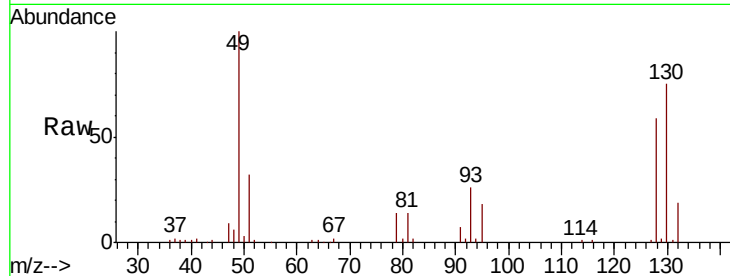
ClientSampleId :

VX0727WBS01

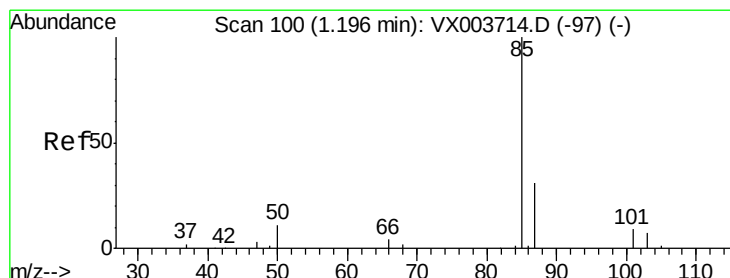
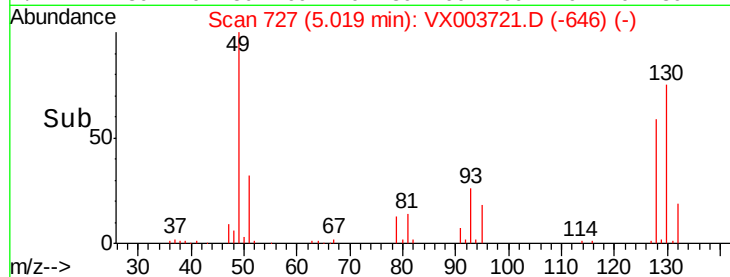
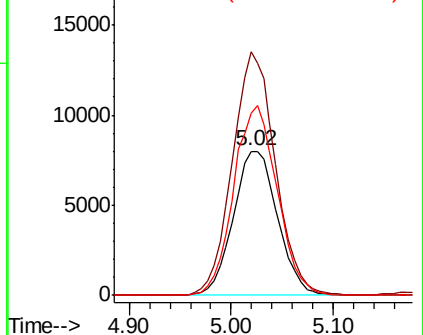
Tot Ion:	128	Resp:	24075
Ion	Ratio	Lower	Upper
128	100		
49	164.1	0.0	423.0
130	129.3	0.0	324.3

Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 17.536 ug/l

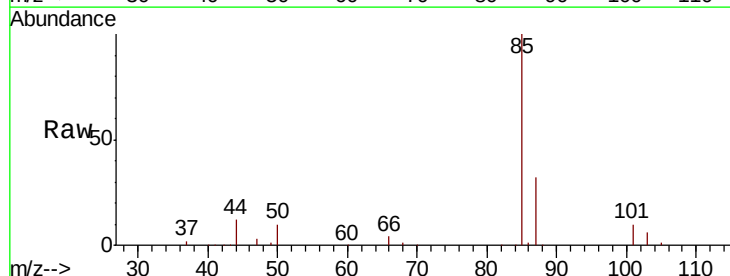
RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

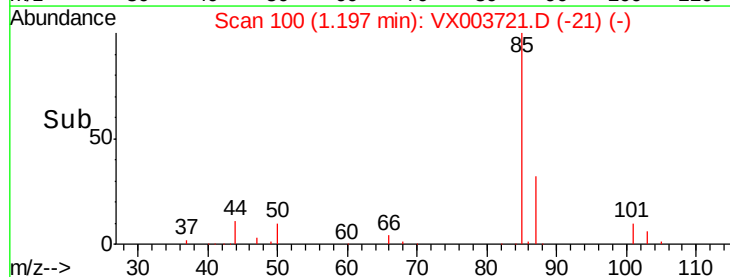
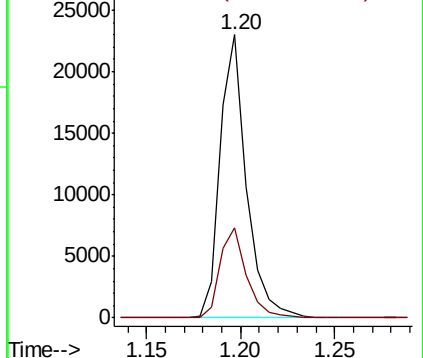
Lab File: VX003721.D

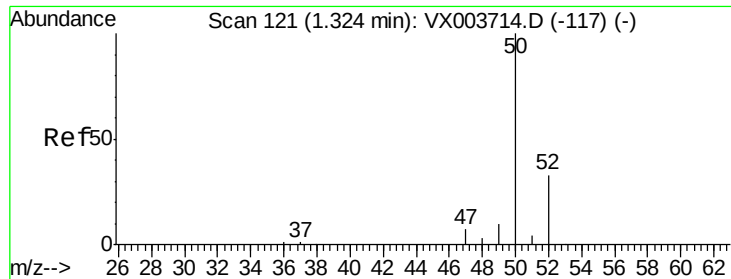
Acq: 27 Jul 2018 19:39

Tgt Ion:	85	Resp:	22299
Ion	Ratio	Lower	Upper
85	100		
87	31.7	16.2	48.5



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 17.575 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS01

Tot Ion: 50 Resp: 30079

Ion Ratio Lower Upper

50 100

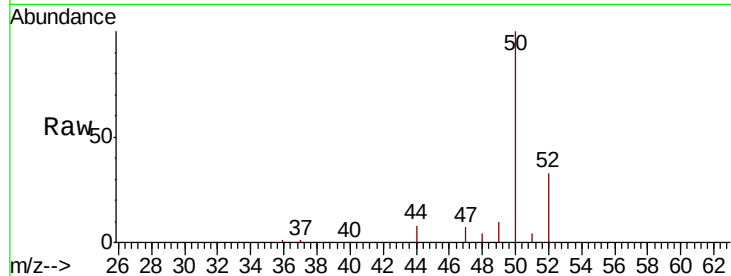
52 33.4 25.6 38.4

Manual Integrations

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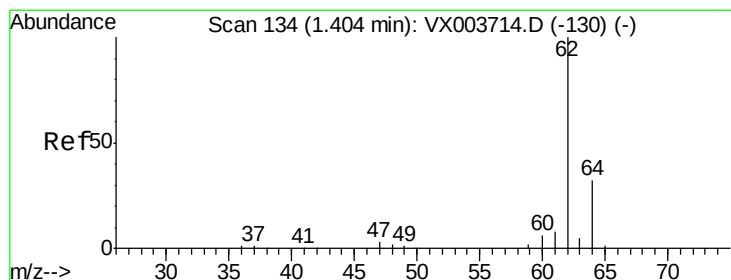
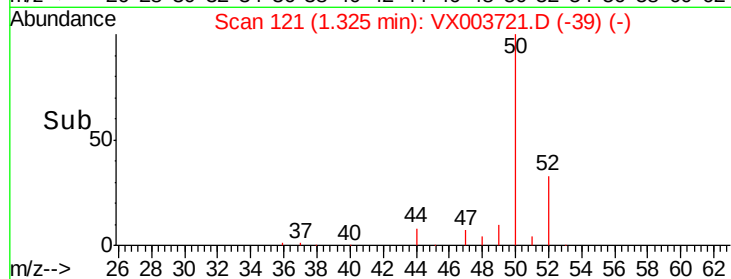
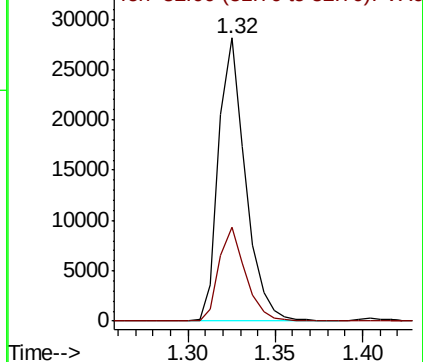
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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 17.343 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003721.D

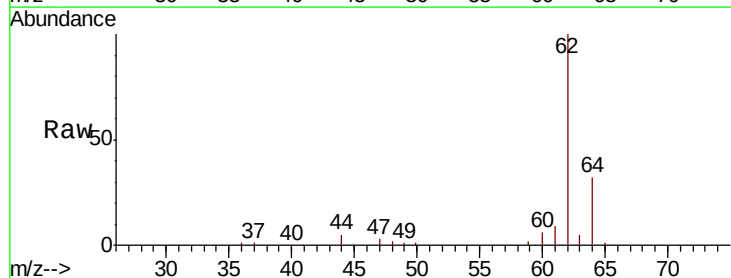
Acq: 27 Jul 2018 19:39

Tgt Ion: 62 Resp: 31215

Ion Ratio Lower Upper

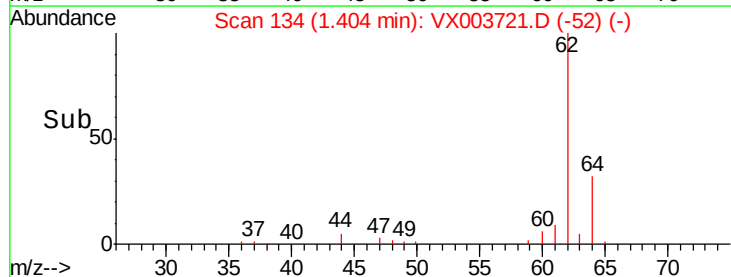
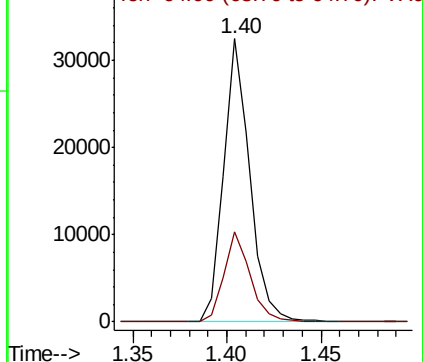
62 100

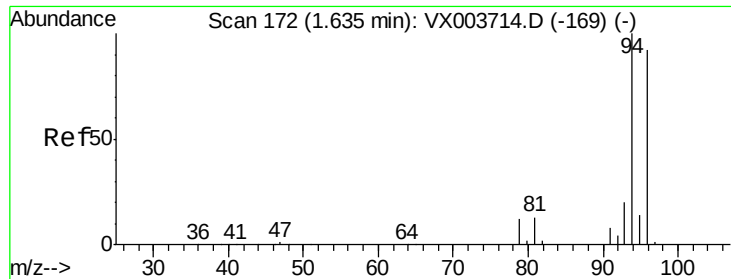
64 32.0 25.3 37.9



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





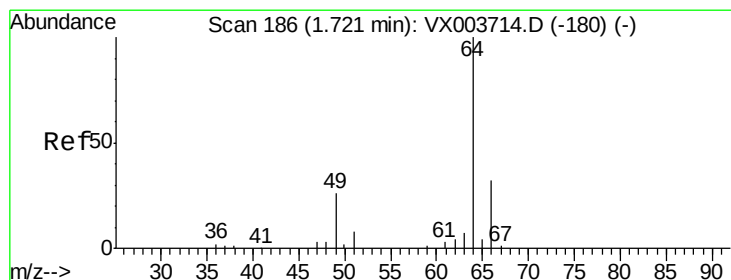
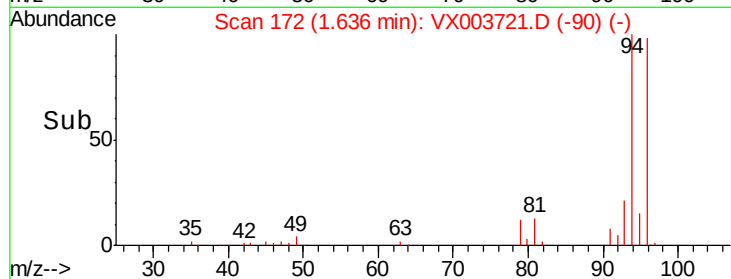
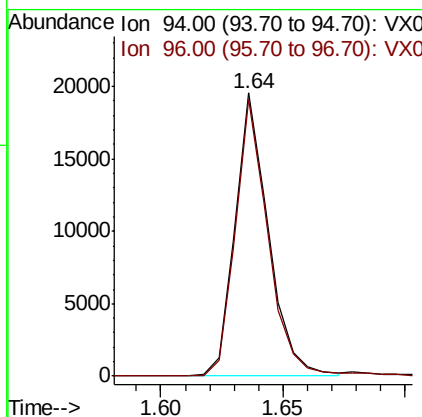
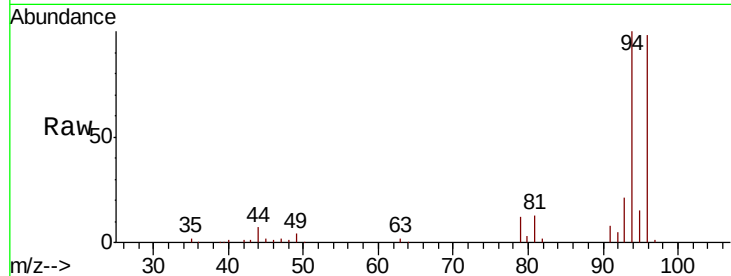
#5
Bromomethane
Concen: 17.140 ug/l
RT: 1.64 min Scan# 172
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

Tot Ion: 94 Resp: 18440
Ion Ratio Lower Upper
94 100
96 97.8 75.7 113.5

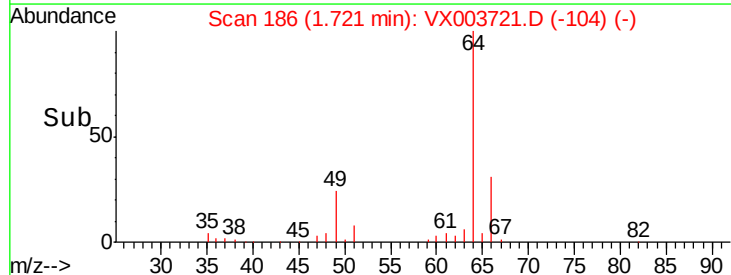
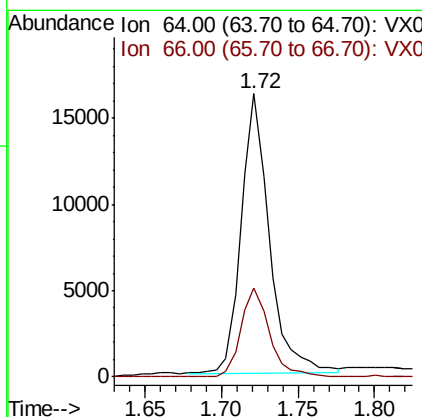
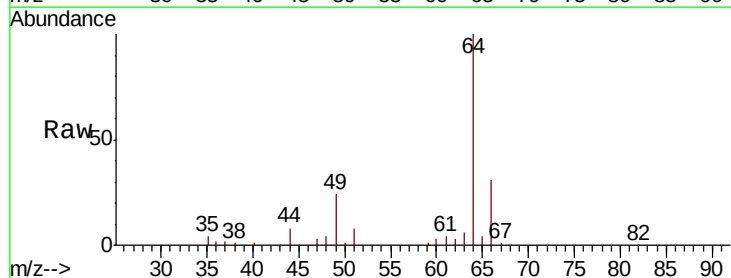
Manual Integrations
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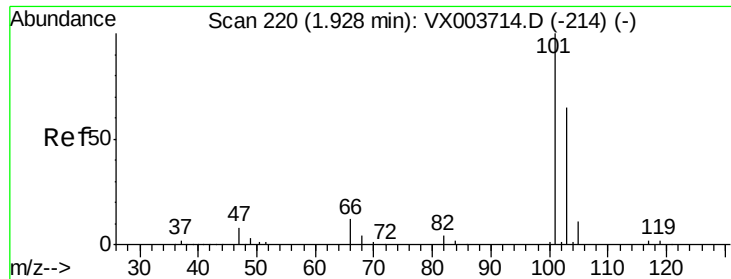
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#6
Chloroethane
Concen: 17.568 ug/l
RT: 1.72 min Scan# 186
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Tgt Ion: 64 Resp: 20698
Ion Ratio Lower Upper
64 100
66 31.9 24.3 36.5





#7

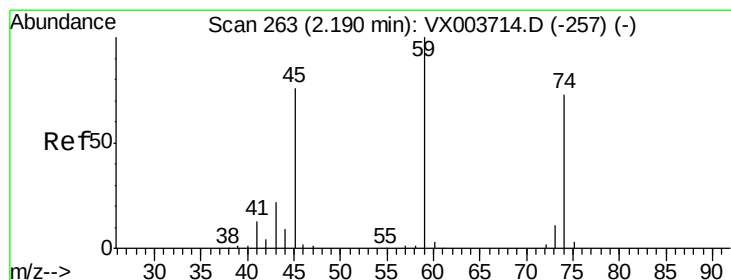
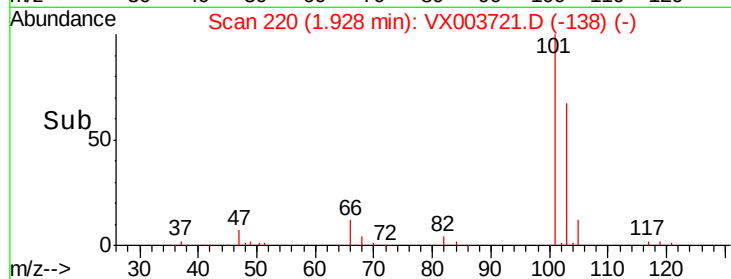
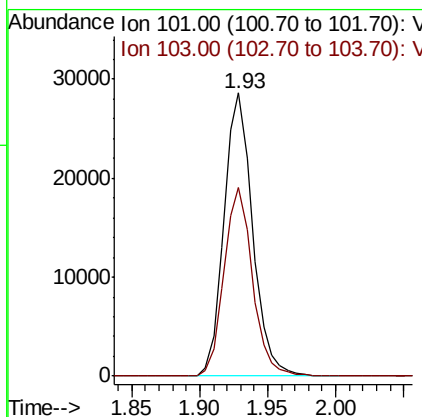
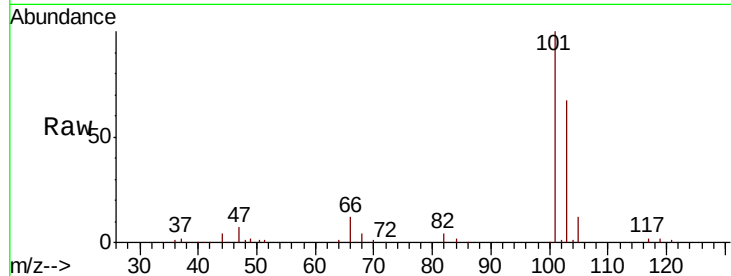
Trichlorofluoromethane
 Concen: 17.325 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Instrument :
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 VX0727WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		41942		
103	66.6	51.5	77.3		

Manual Integrations
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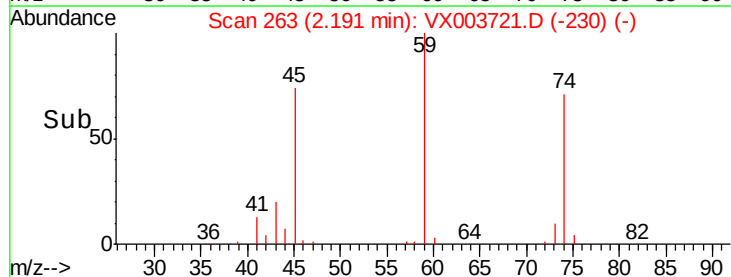
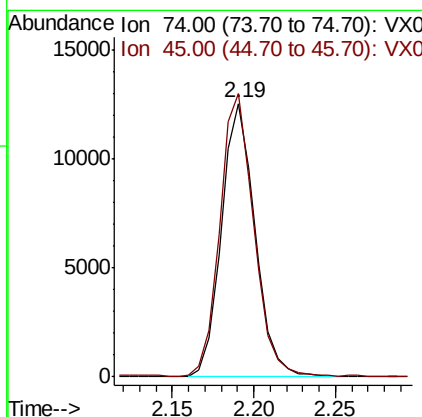
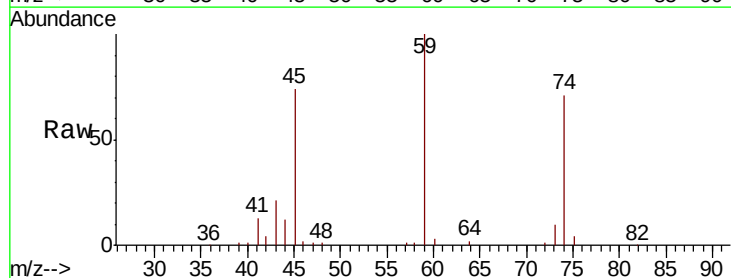
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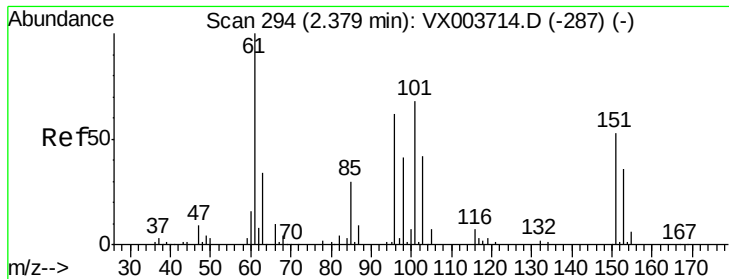


#8

Diethyl Ether
 Concen: 17.372 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		18027		
45	104.7	20.5	184.5		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.010 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

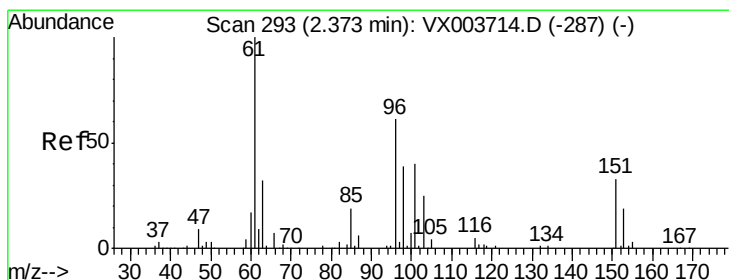
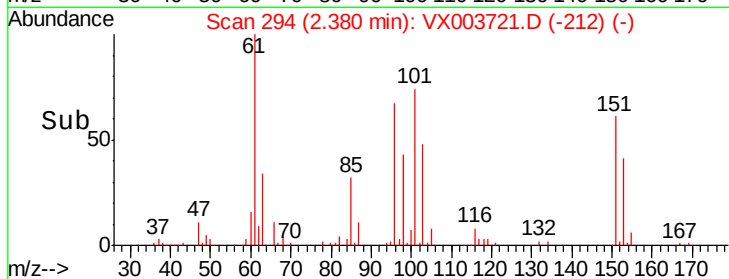
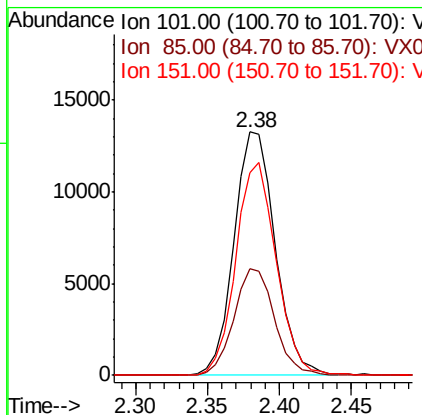
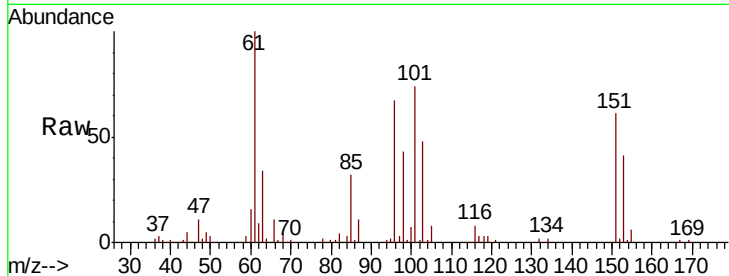
ClientSampleId :

VX0727WBS01

Tot Ion:	101	Resp:	26438
Ion Ratio	Lower	Upper	
101	100		
85	42.9	0.0	87.0
151	85.4	0.0	177.6

Manual Integrations
APPROVED

MMDadoda
7/30/2018 3:42:32 PM



#10

1,1-Dichloroethene

Concen: 17.951 ug/l

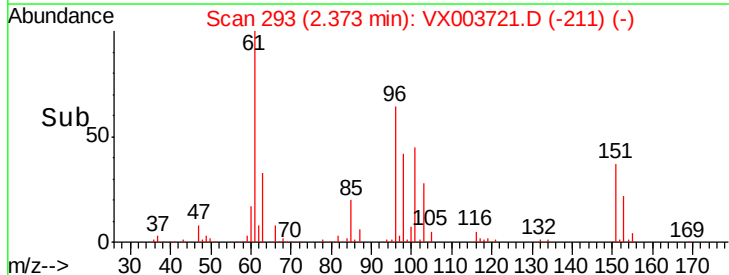
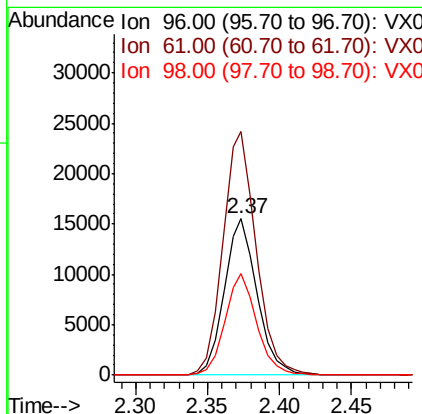
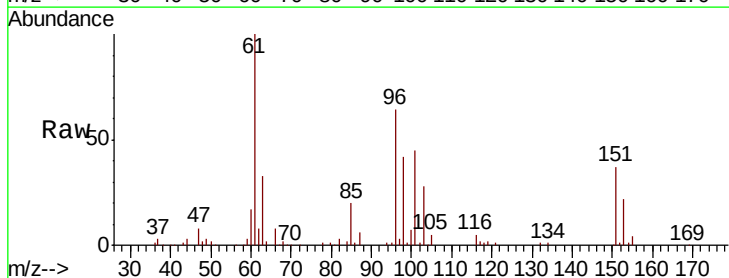
RT: 2.37 min Scan# 293

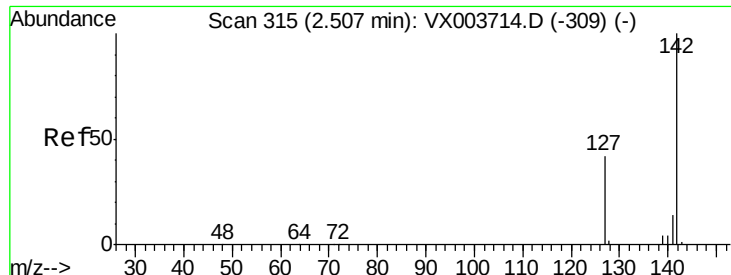
Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Tgt Ion:	96	Resp:	24777
Ion Ratio	Lower	Upper	
96	100		
61	155.3	137.5	206.3
98	65.2	51.4	77.2





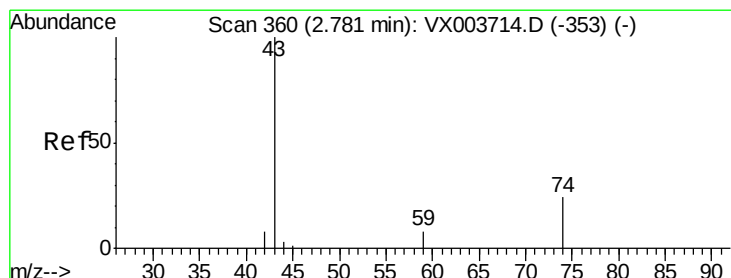
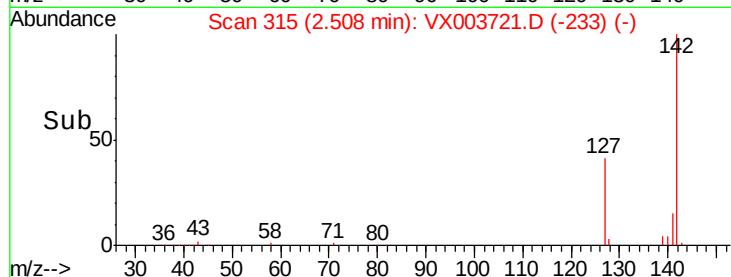
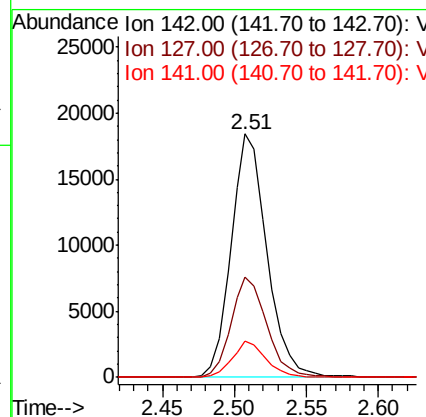
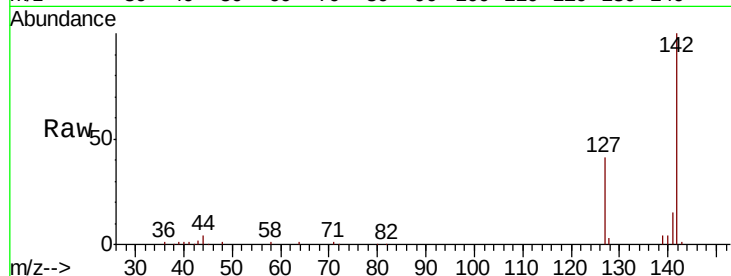
#11
Methvl Iodide
Concen: 16.740 ug/l
RT: 2.51 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	41.4	23.2	69.6
141	14.9	7.4	22.2

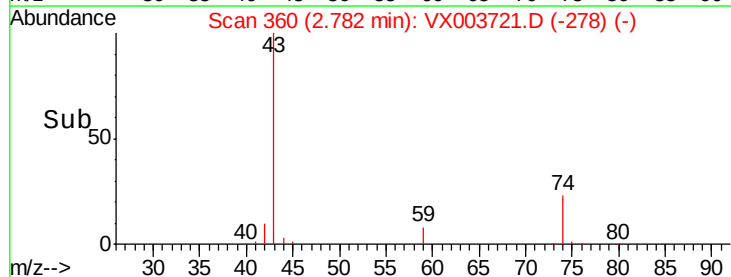
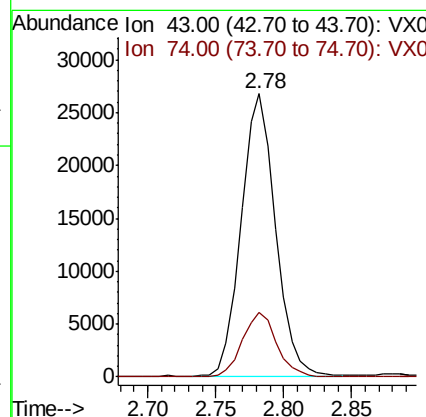
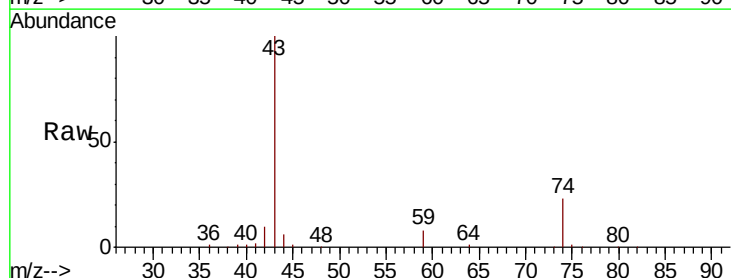
Manual Integrations
APPROVED

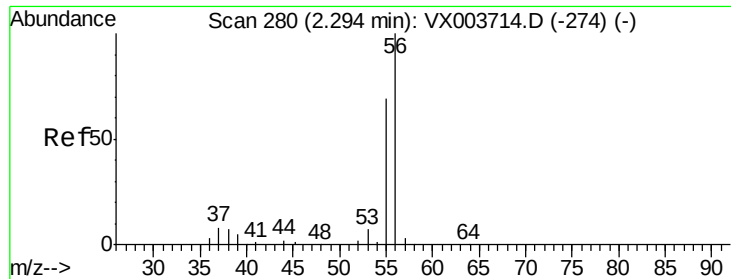
MMDadoda
7/30/2018 3:42:32 PM



#12
Methyl Acetate
Concen: 18.404 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	16.4	24.6





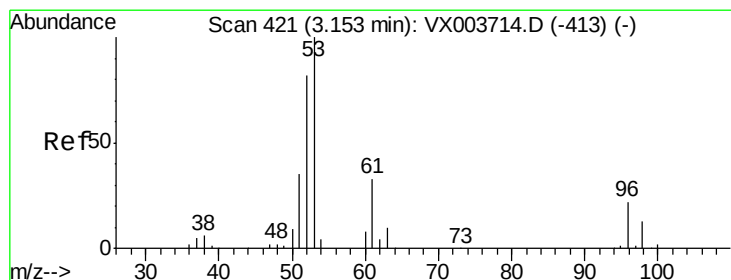
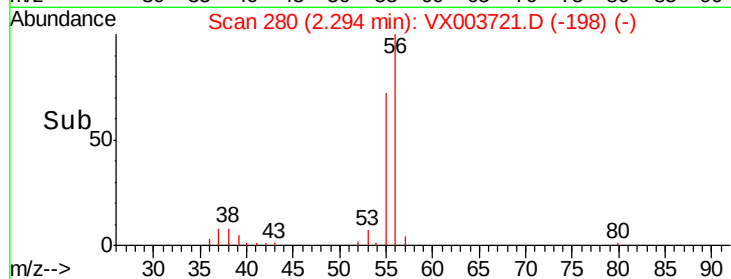
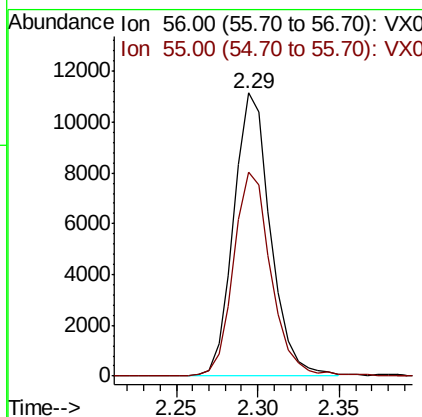
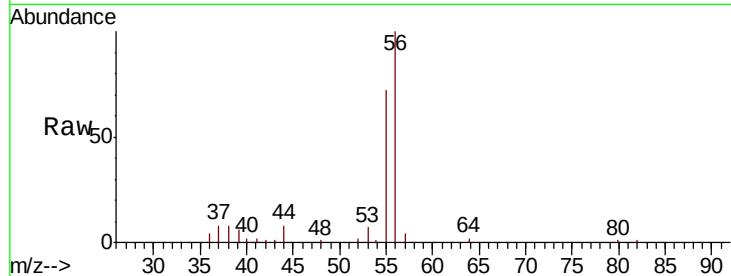
#13
Acrolein
Concen: 88.056 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

Tot Ion	56	55	Ratio	100	72.8	Resp	17540	Lower	57.3	Upper	85.9
Ion											

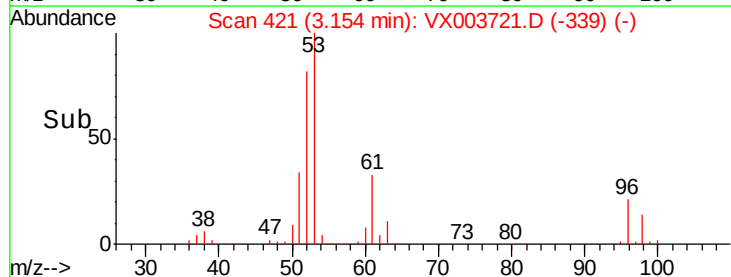
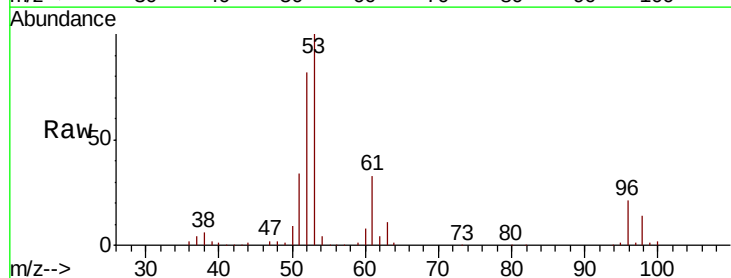
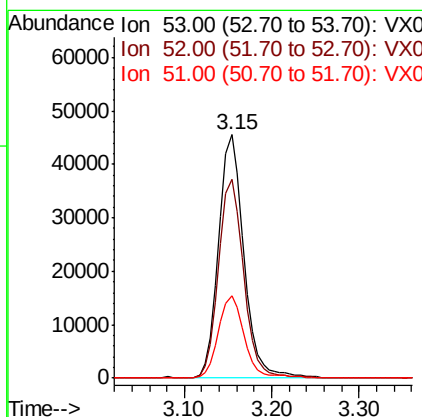
Manual Integrations
APPROVED

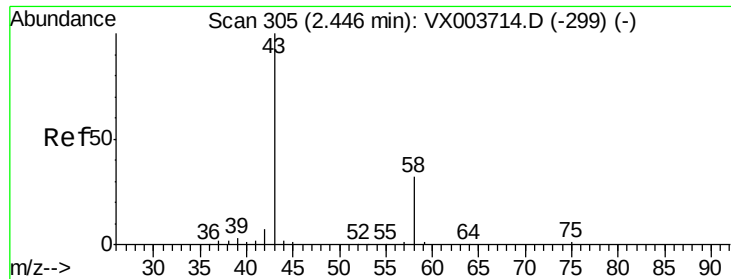
MMDadoda
7/30/2018 3:42:32 PM



#14
Acrylonitrile
Concen: 91.023 ug/l
RT: 3.15 min Scan# 421
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Tgt Ion	53	52	51	Ratio	100	81.4	35.1	Resp	91599	Lower	41.5	Upper	124.6	53.8
Ion														





#15

Acetone

Concen: 87.719 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS01

Tot Ion: 58 Resp: 23954

Ion Ratio Lower Upper

58 100

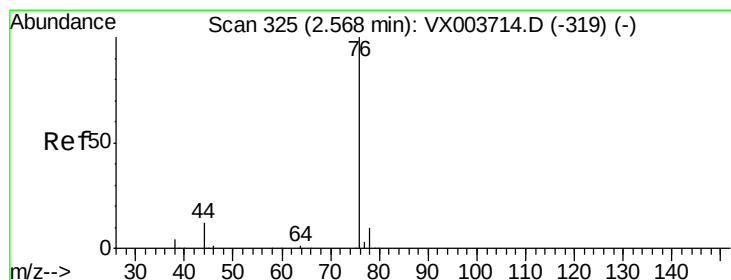
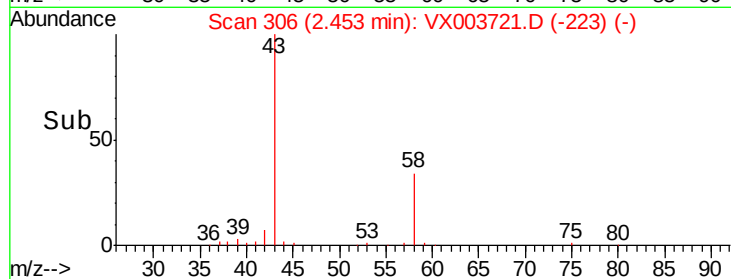
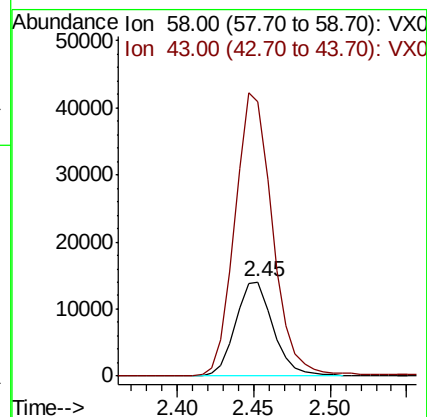
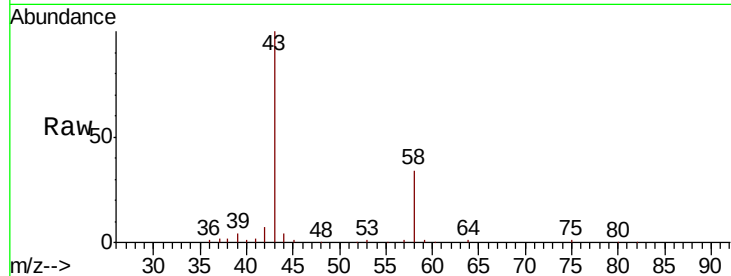
43 291.2 278.8 418.2

Manual Integrations

APPROVED

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#16

Carbon Disulfide

Concen: 16.929 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003721.D

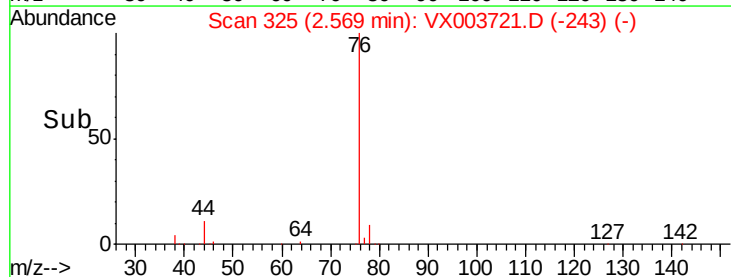
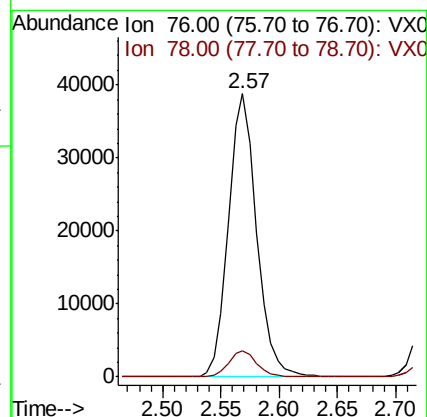
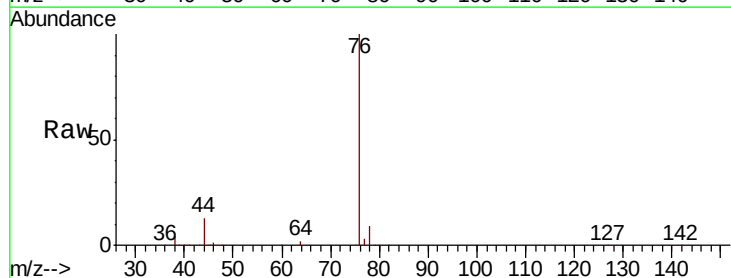
Acq: 27 Jul 2018 19:39

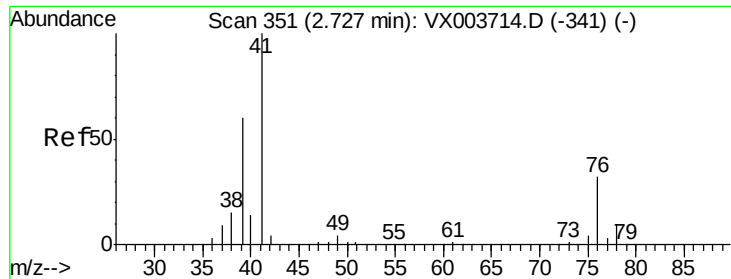
Tgt Ion: 76 Resp: 64890

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0





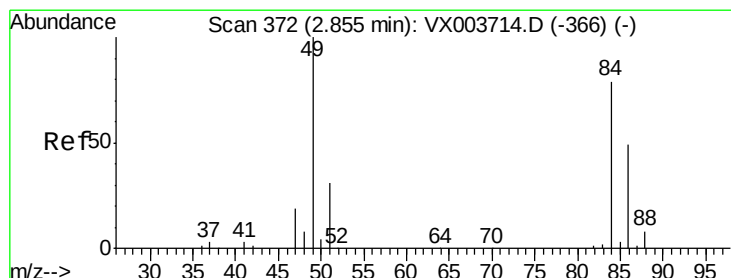
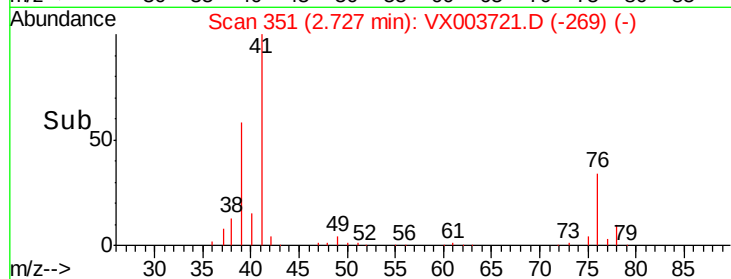
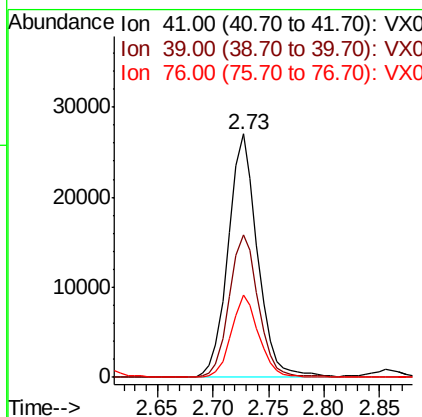
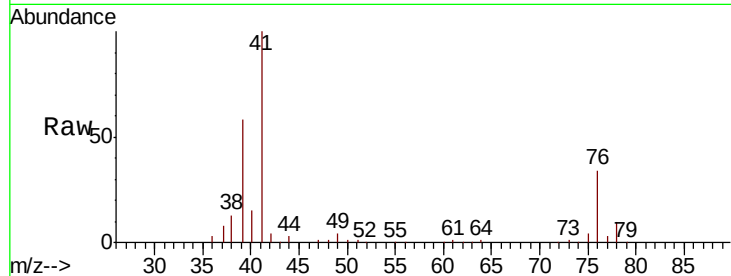
#17
Allvl chloride
Concen: 17.131 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	58.3	34.6	103.8
76	33.8	15.0	45.1

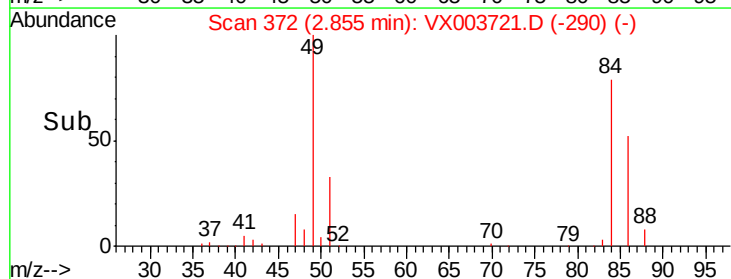
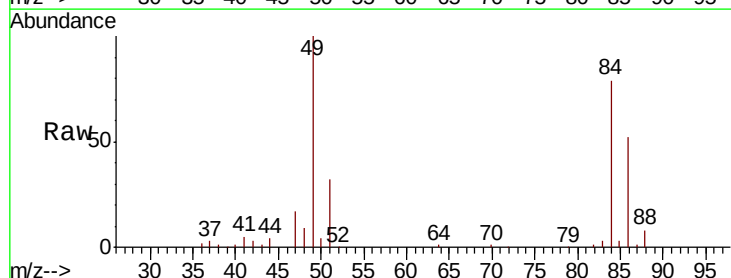
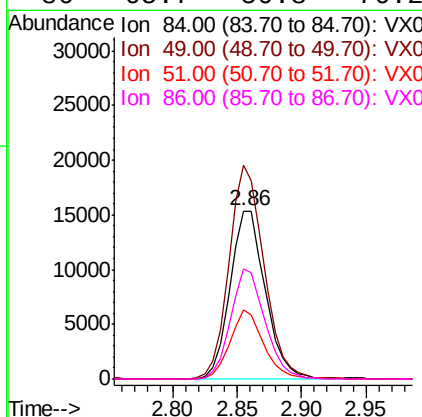
Manual Integrations
APPROVED

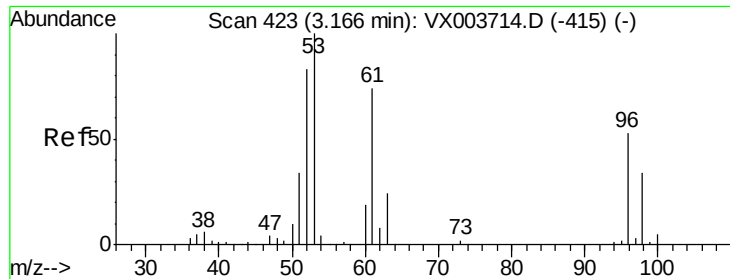
MMDadoda
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#18
Methylene Chloride
Concen: 17.973 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.4	104.7	157.1
51	41.1	31.0	46.4
86	65.7	50.8	76.2





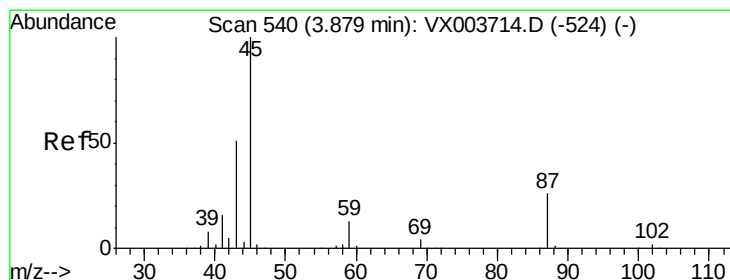
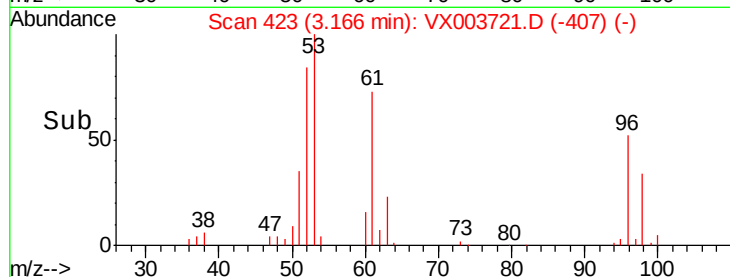
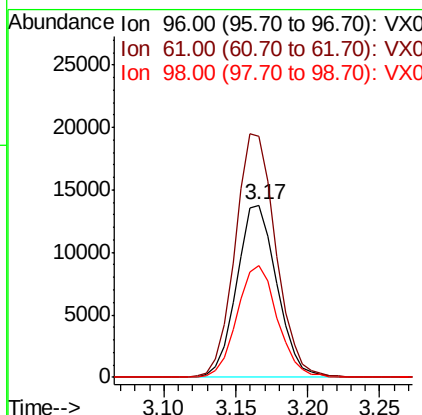
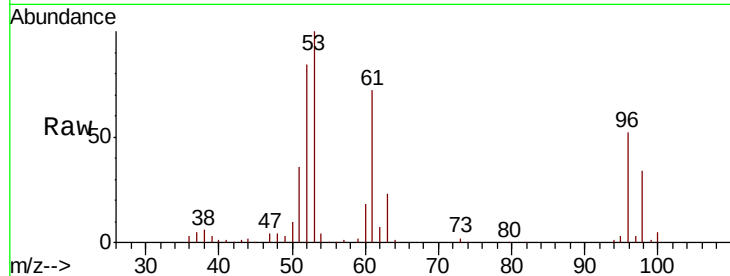
#19
trans-1,2-Dichloroethene
Concen: 17.930 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Instrument :
MSVOA_X
ClientSampled :
VX0727WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.9	114.6	172.0
98	65.1	51.3	76.9

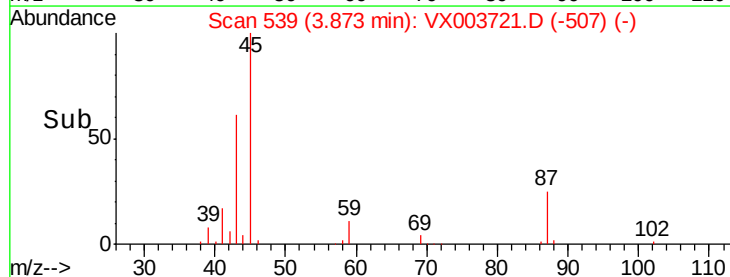
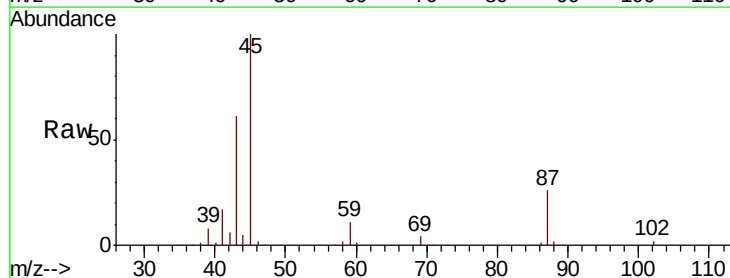
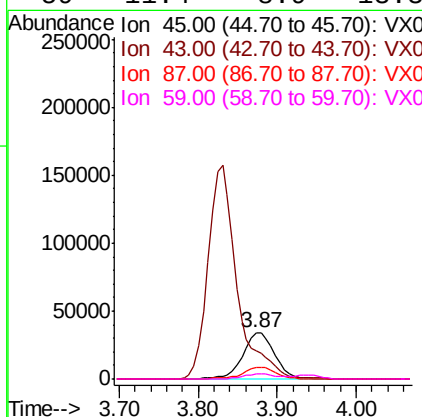
Manual Integrations
APPROVED

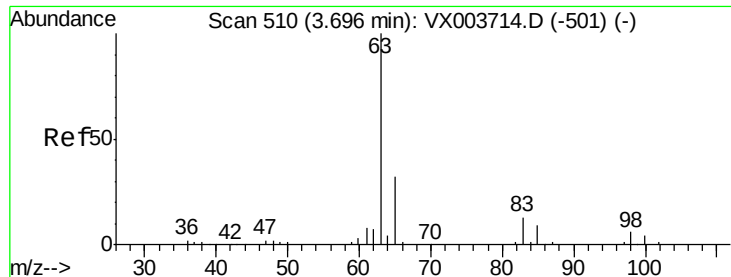
MMDadoda
7/30/2018 3:42:32 PM



#20
Diisopropyl ether
Concen: 18.268 ug/l
RT: 3.87 min Scan# 539
Delta R.T. -0.01 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.6	45.6	68.4
87	25.9	20.7	31.1
59	11.4	8.9	13.3





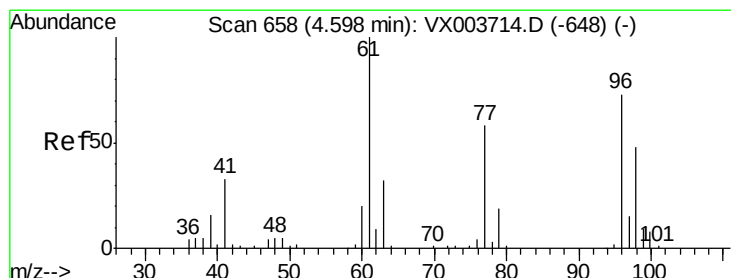
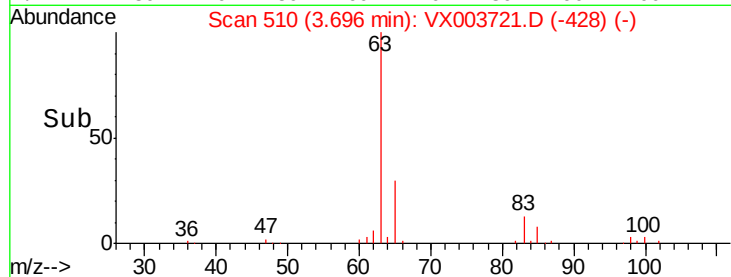
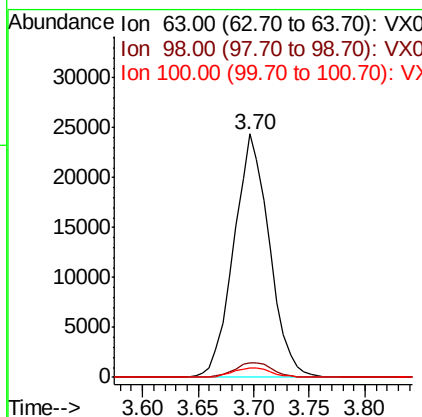
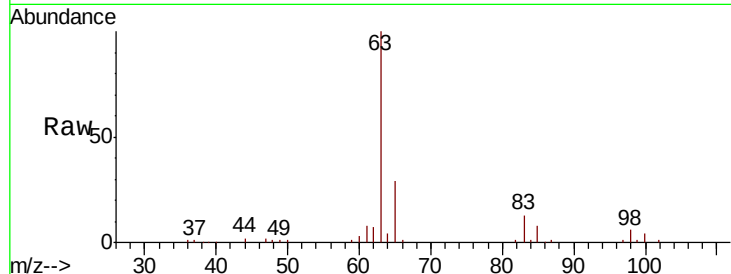
#21
 1,1-Dichloroethane
 Concen: 18.219 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
98	5.8	3.1	9.3
100	3.6	2.2	6.6

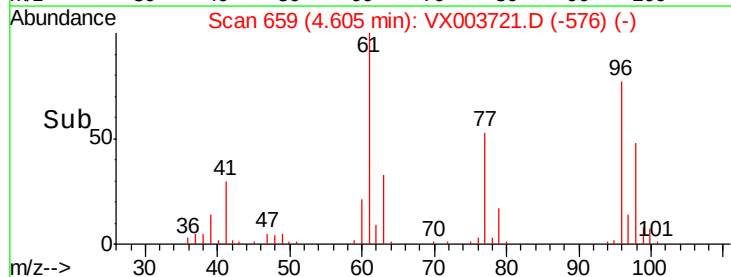
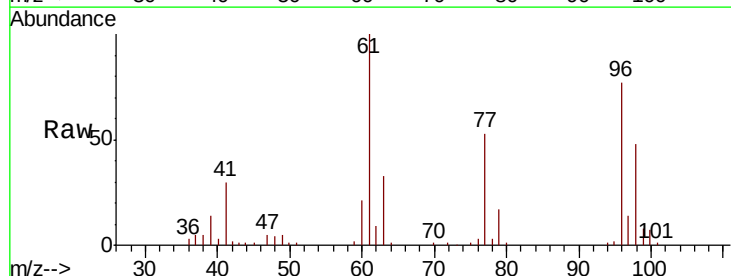
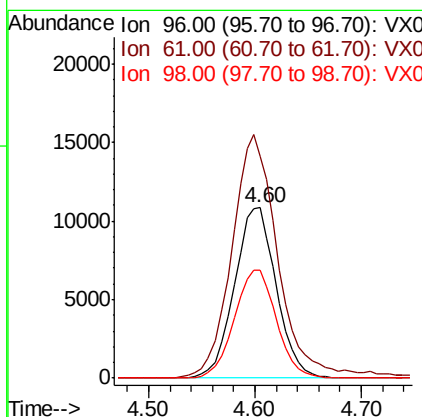
Manual Integrations
 APPROVED

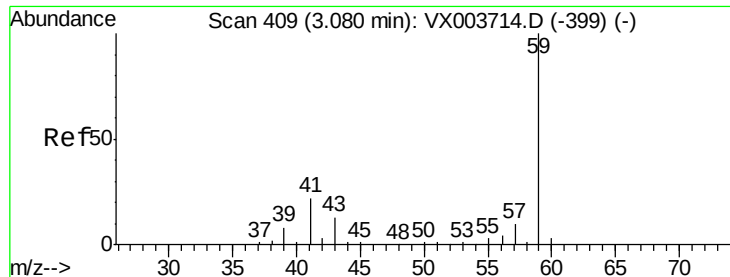
MMDadoda
 7/30/2018 3:42:32 PM



#22
 cis-1,2-Dichloroethene
 Concen: 19.802 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.6	160.2	240.2#
98	63.8	54.1	81.1





#23

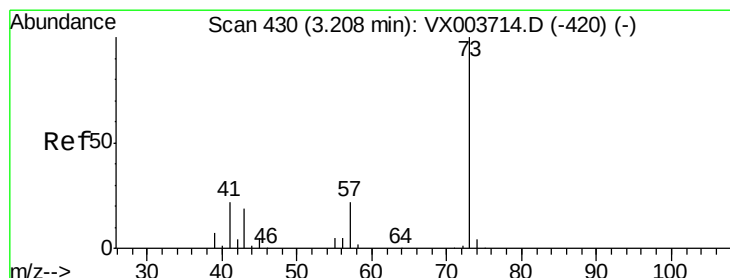
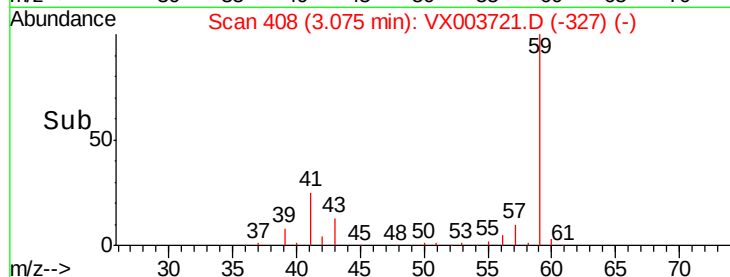
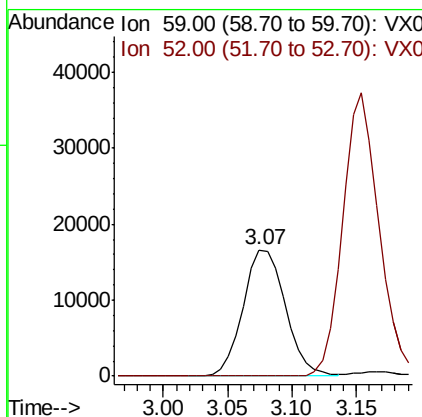
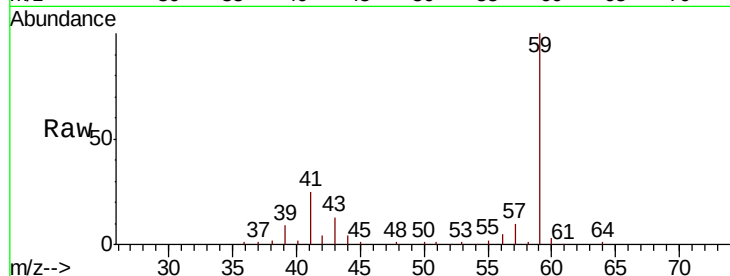
tert-Butyl Alcohol
 Concen: 89.897 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

Tot Ion	59	52	Ratio	100	0.2	Resp	38000	Lower	Upper
Ion	59	52	Ratio	100	0.2	Resp	38000	Lower	Upper

Manual Integrations
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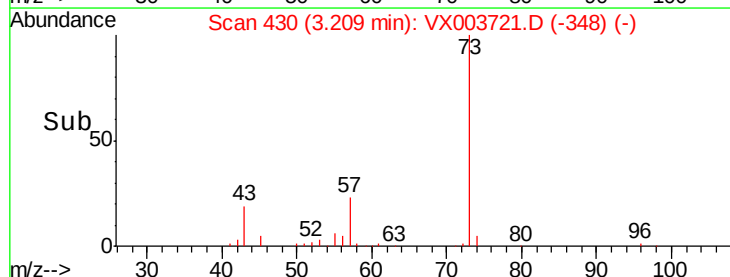
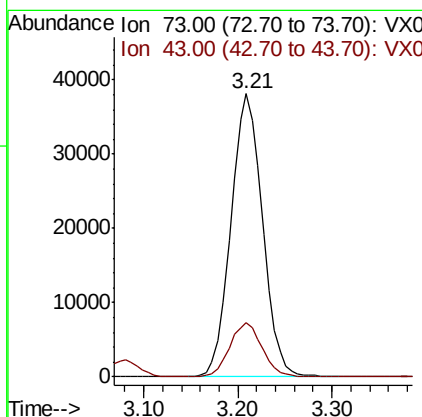
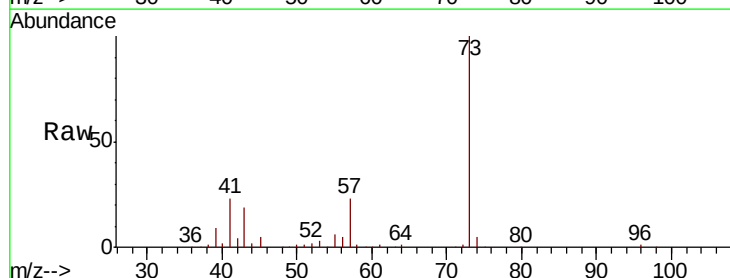
MMDadoda
 7/30/2018 3:42:32 PM

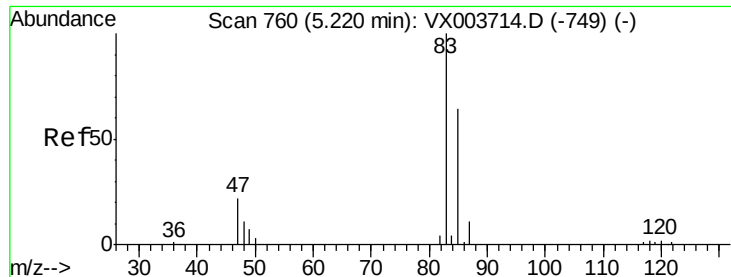


#24

Methyl tert-Butyl Ether
 Concen: 17.932 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Tgt Ion	73	43	Ratio	100	19.3	Resp	88769	Lower	Upper
Ion	73	43	Ratio	100	19.3	Resp	88769	Lower	Upper





#25

Chloroform

Concen: 19.278 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS01

Tot Ion: 83 Resp: 49580

Ion Ratio Lower Upper

83 100

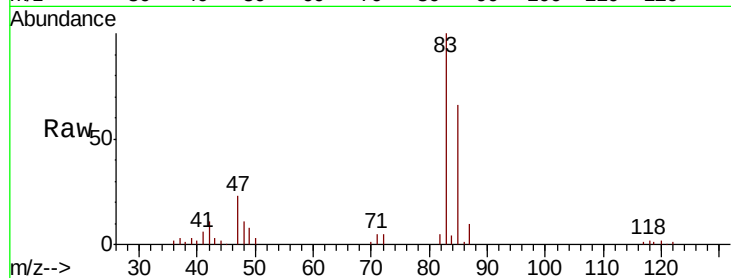
85 65.7 51.9 77.9

Manual Integrations

APPROVED

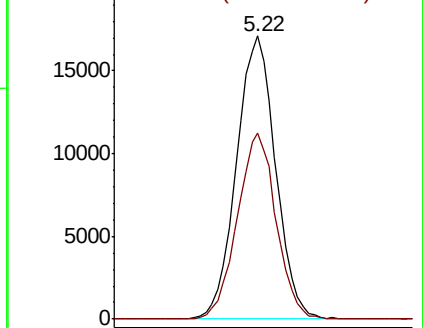
MMDadoda

7/30/2018 3:42:32 PM

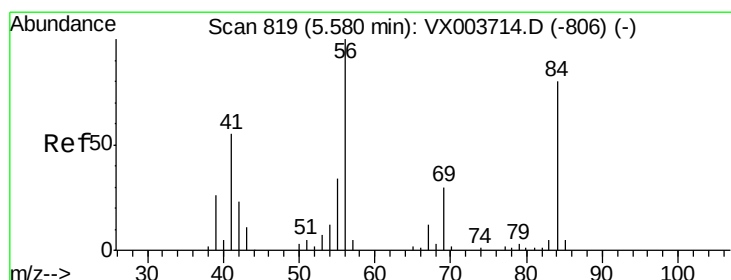
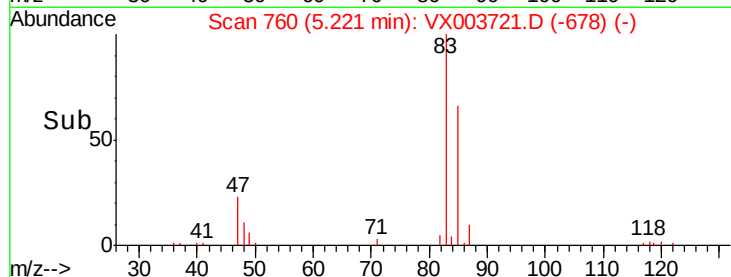


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



Time-->



#26

Cyclohexane

Concen: 19.347 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

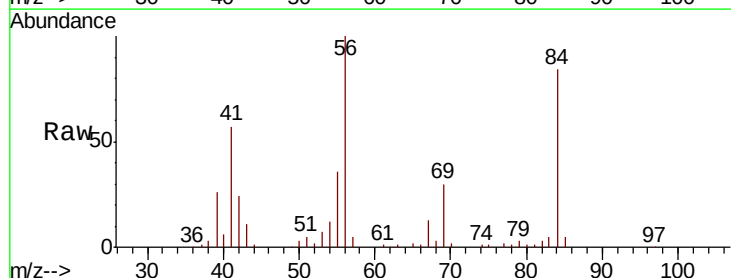
Tgt Ion: 56 Resp: 43164

Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

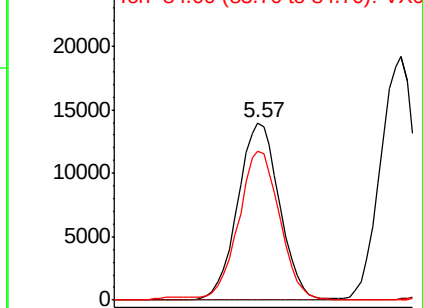
84 83.1 64.9 97.3



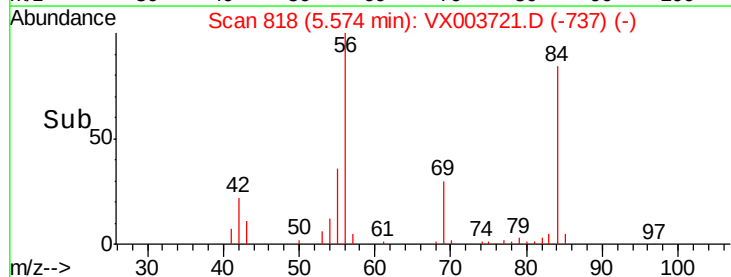
Abundance Ion 56.00 (55.70 to 56.70): VX0

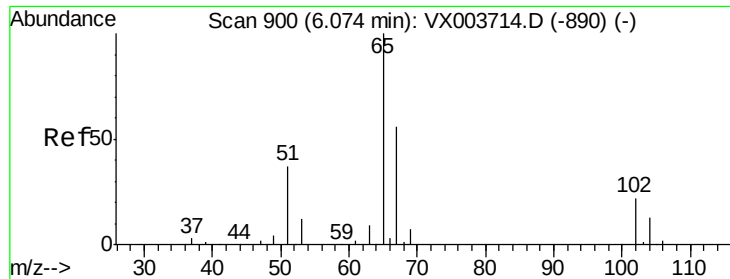
Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



Time-->





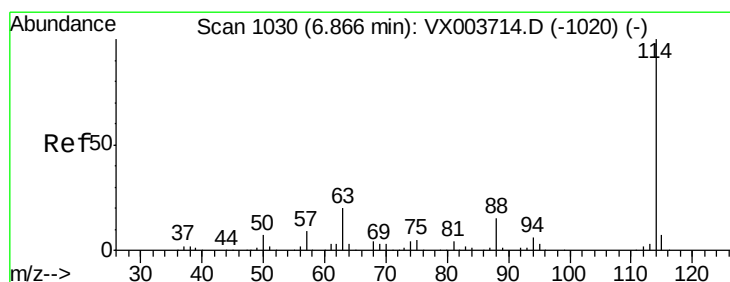
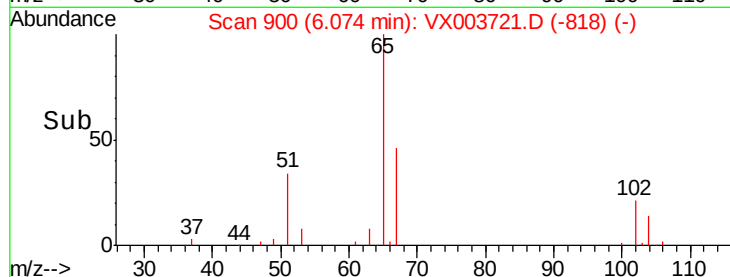
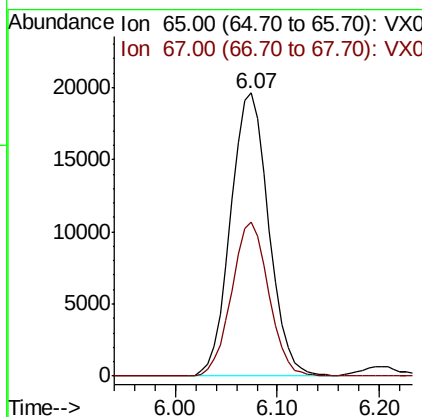
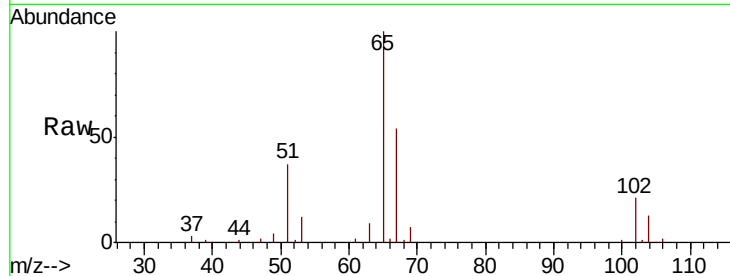
#27
 1,2-Dichloroethane-d4
 Concen: 28.740 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.1	40.9	61.3

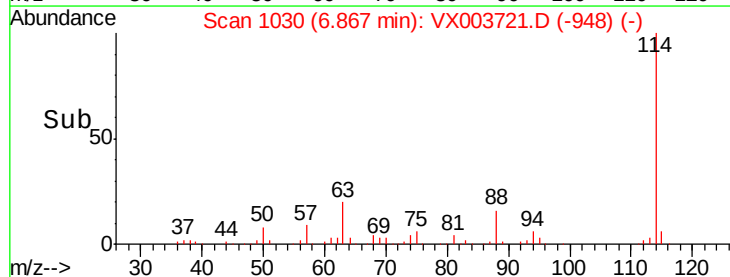
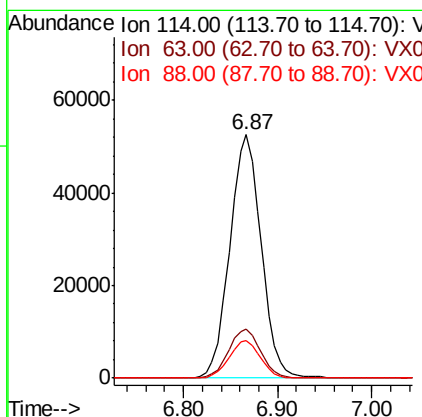
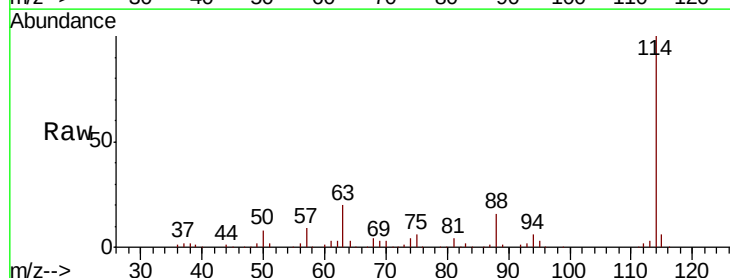
Manual Integrations
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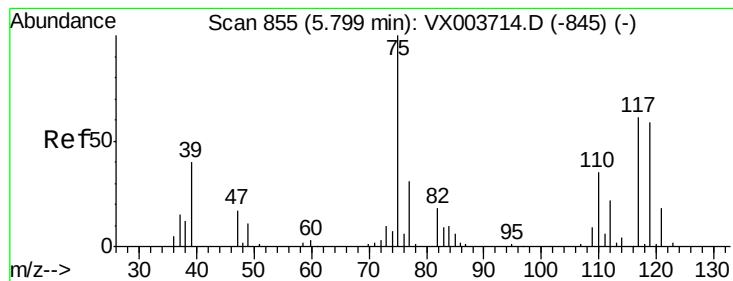
MMDadoda
 7/30/2018 3:42:32 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.5	17.1	25.7
88	15.5	12.6	19.0





#29

1,1-Dichloropropene

Concen: 19.759 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

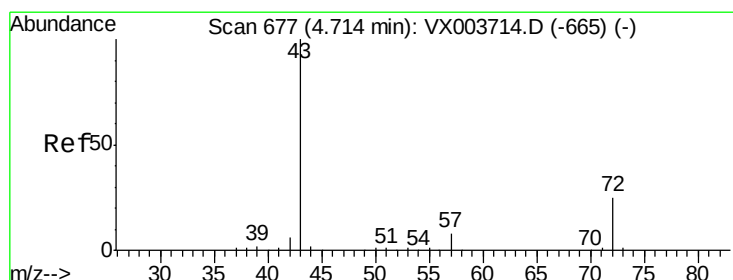
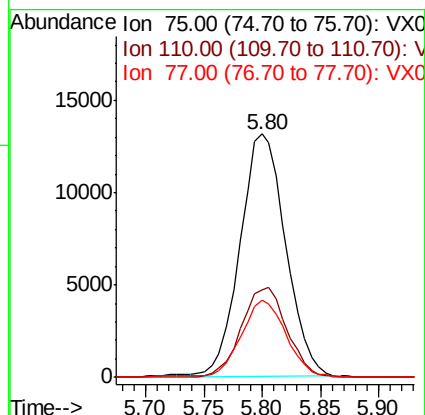
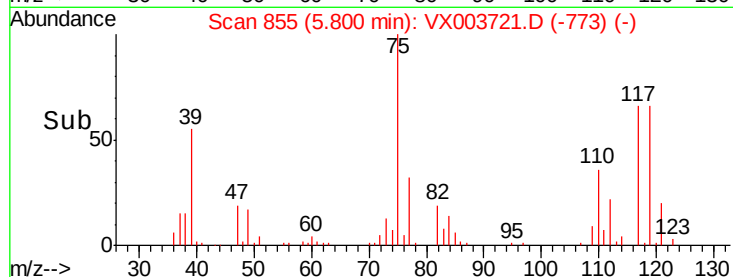
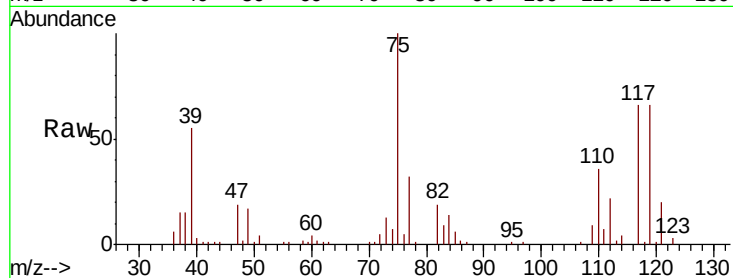
ClientSampleId :

VX0727WBS01

Tot Ion:	75	Resp:	35528
Ion Ratio	Lower	Upper	
75	100		
110	37.1	0.0	71.4
77	31.3	0.0	60.6

Manual Integrations
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7/30/2018 3:42:32 PM



#30

2-Butanone

Concen: 101.928 ug/l

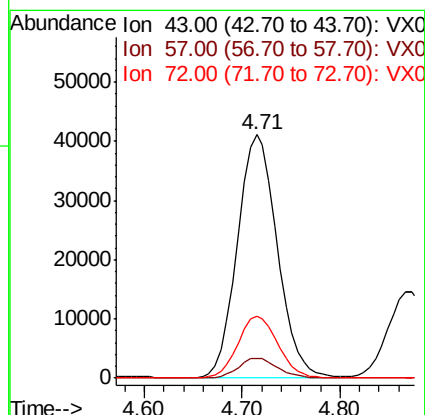
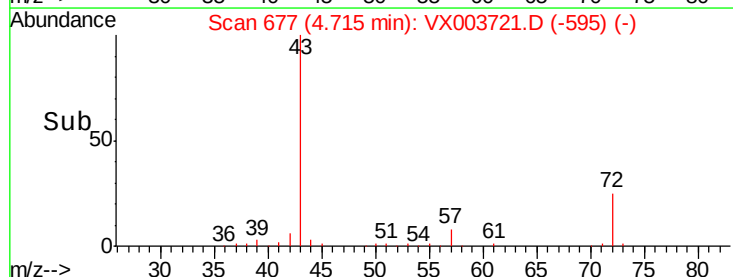
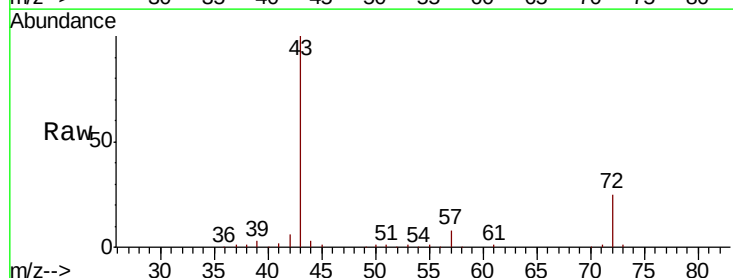
RT: 4.71 min Scan# 677

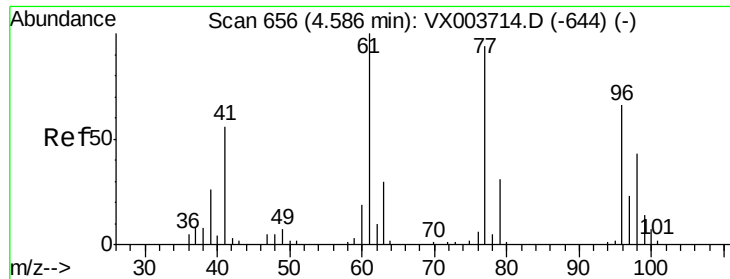
Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Tgt Ion:	43	Resp:	117039
Ion Ratio	Lower	Upper	
43	100		
57	8.0	6.1	9.1
72	25.5	18.1	27.1





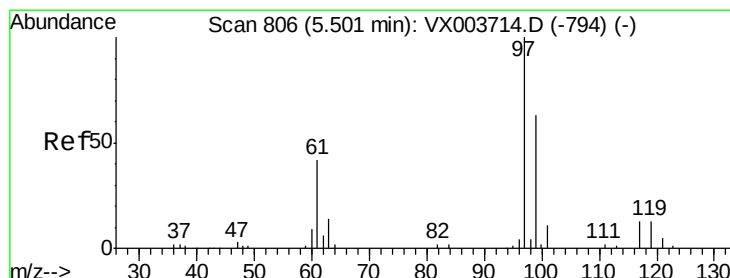
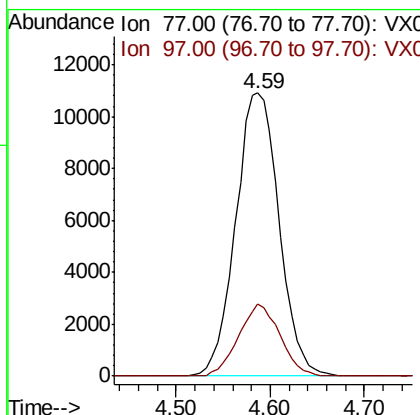
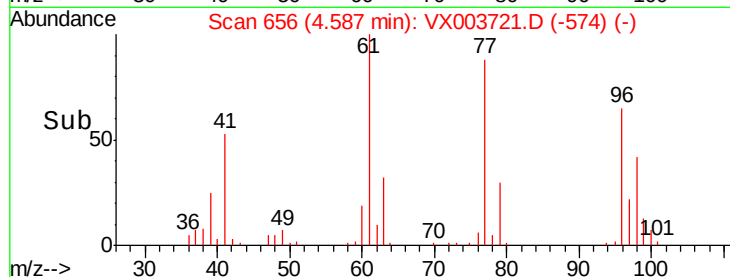
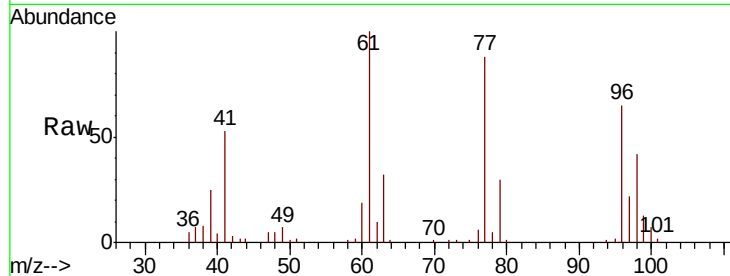
#31
 2,2-Dichloropropane
 Concen: 20.037 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

Tot Ion: 77 Resp: 34898
 Ion Ratio Lower Upper
 77 100
 97 24.3 18.7 28.1

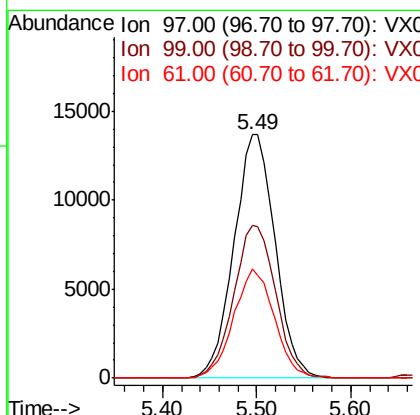
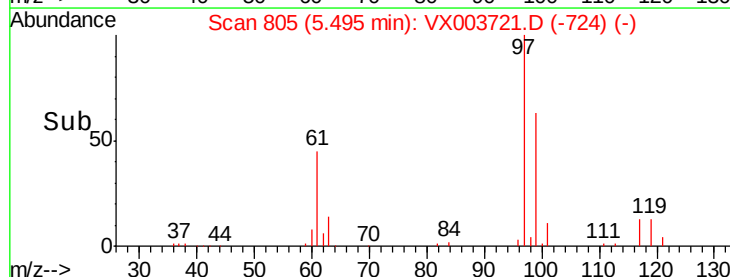
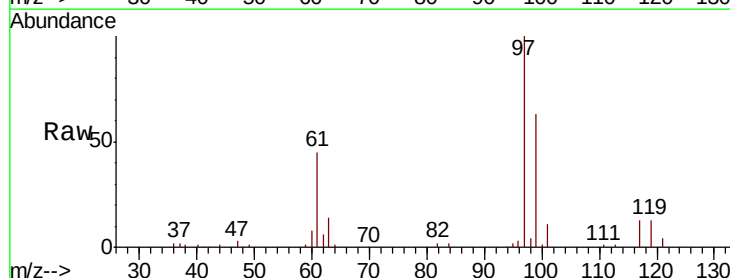
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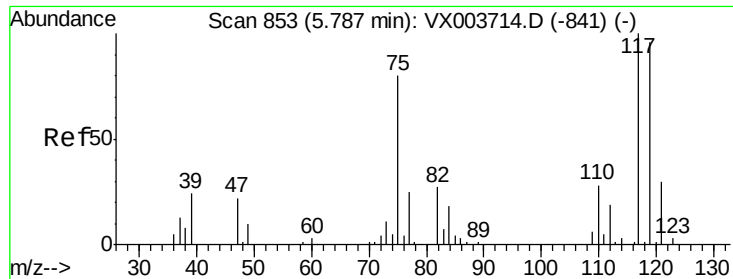
MMDadoda
 7/30/2018 3:42:32 PM



#32
 1,1,1-Trichloroethane
 Concen: 20.262 ug/l
 RT: 5.49 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Tgt Ion: 97 Resp: 41684
 Ion Ratio Lower Upper
 97 100
 99 63.6 51.7 77.5
 61 44.2 36.4 54.6





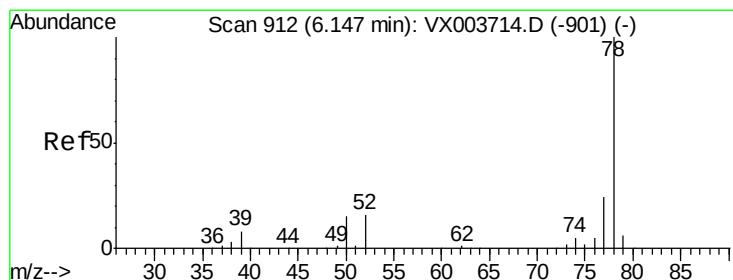
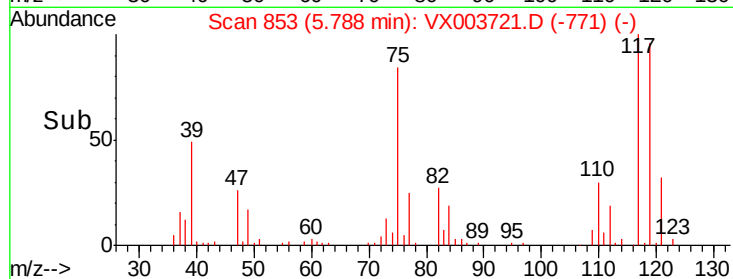
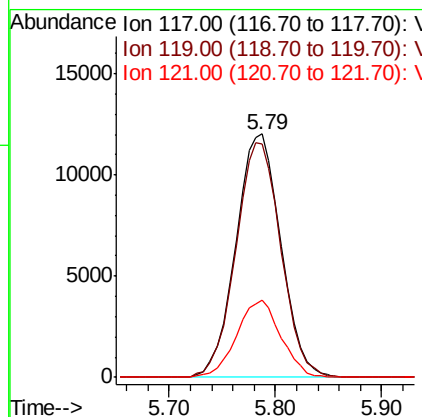
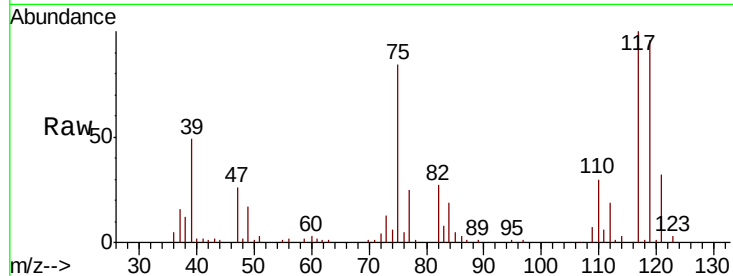
#33
Carbon Tetrachloride
Concen: 19.902 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.8	73.3	109.9
121	31.7	23.6	35.4

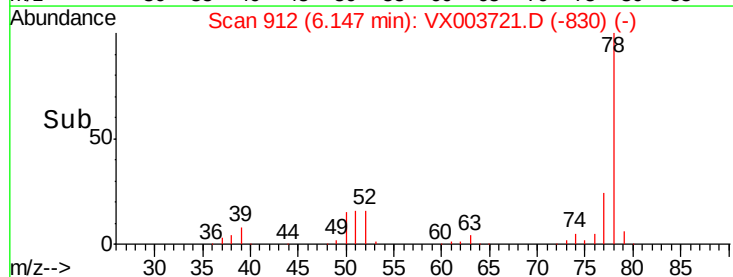
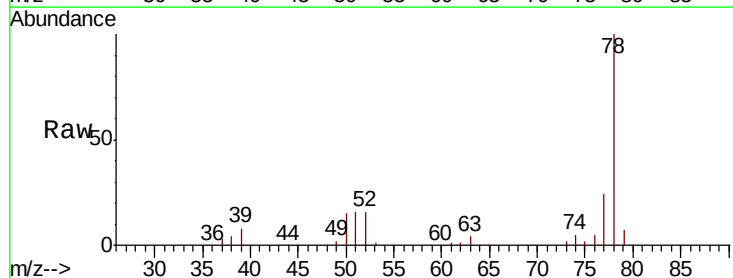
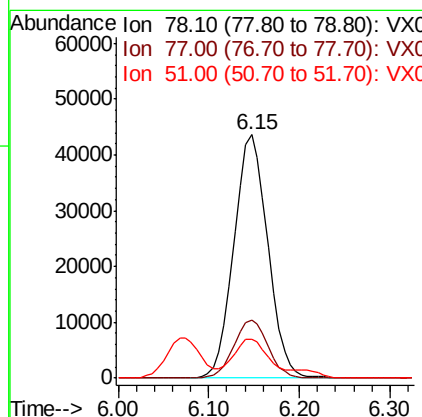
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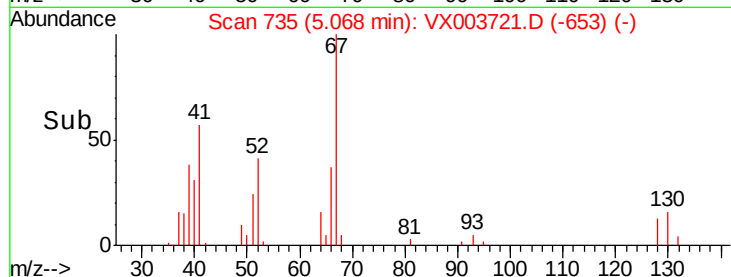
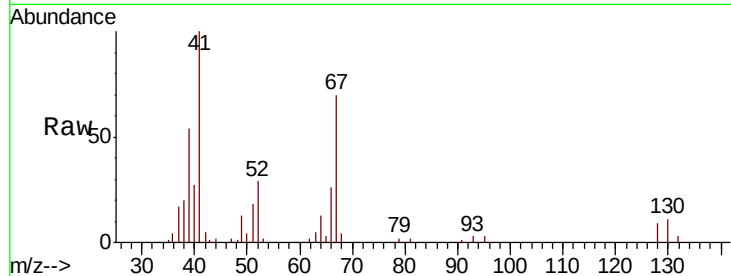
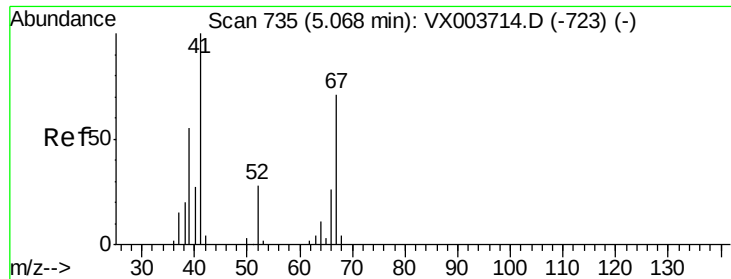
MMDadoda
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#34
Benzene
Concen: 20.506 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.4	29.0
51	15.7	13.8	20.6





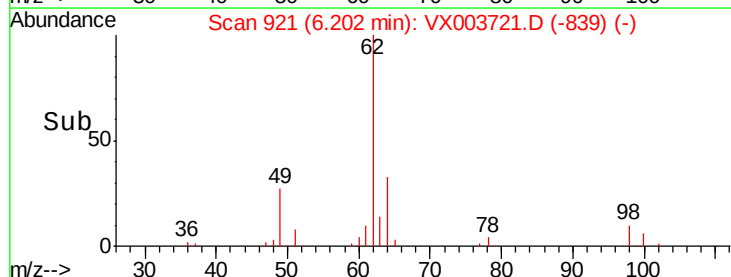
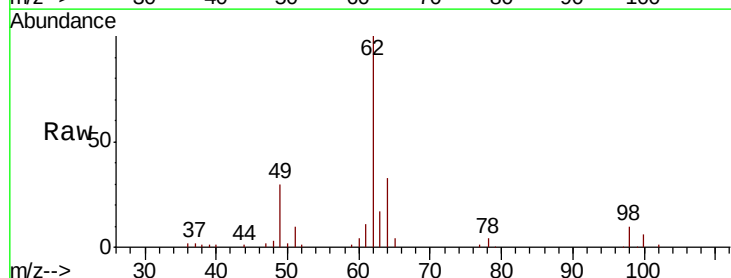
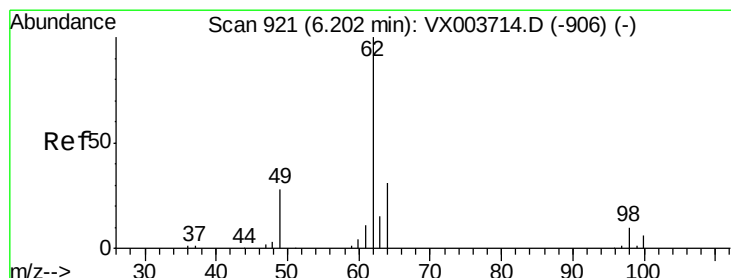
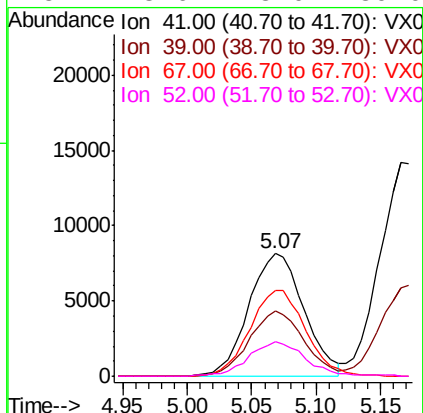
#35
Methacrylonitrile
Concen: 20.343 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.6	28.8	86.5	
67	70.3	30.4	91.2	
52	28.6	13.0	39.0	

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

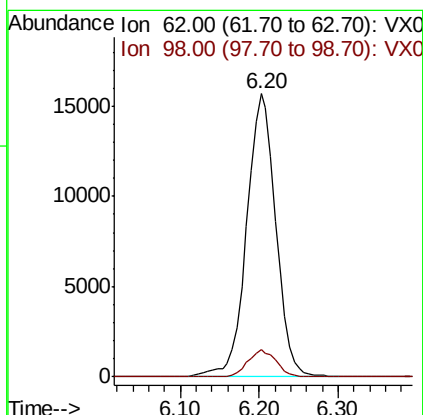
Manual Integrations
APPROVED

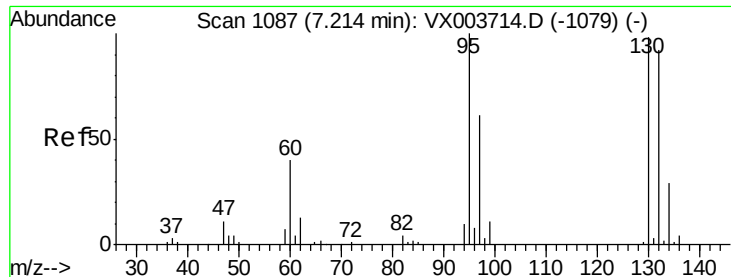
MMDadoda
7/30/2018 3:42:32 PM



#36
1,2-Dichloroethane
Concen: 20.291 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.2	6.5	9.7	





#37

Trichloroethene

Concen: 19.067 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS01

Tot Ion:130 Resp: 27454

Ion Ratio Lower Upper

130 100

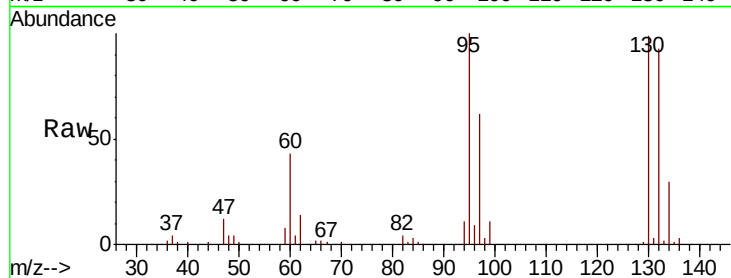
95 100.7 81.5 122.3

Manual Integrations

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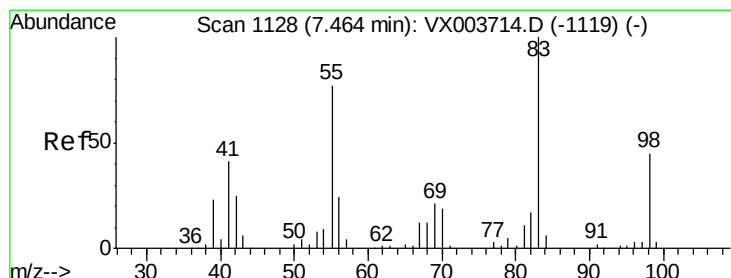
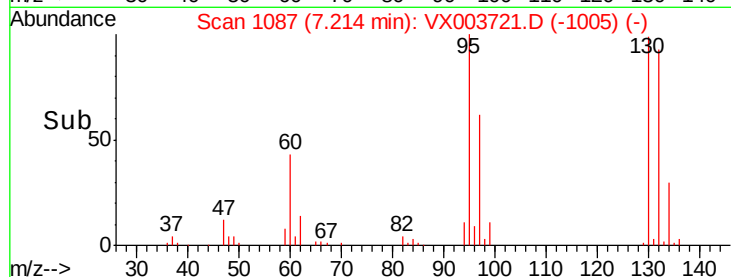
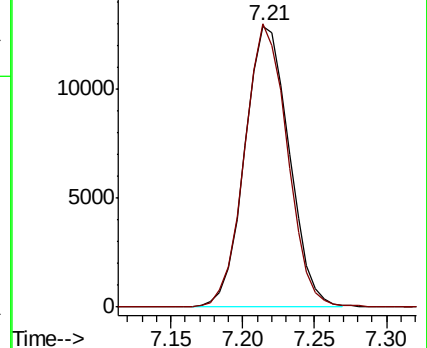
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Abundance Ion 129.90 (129.60 to 130.60): V

15000 Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 18.616 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

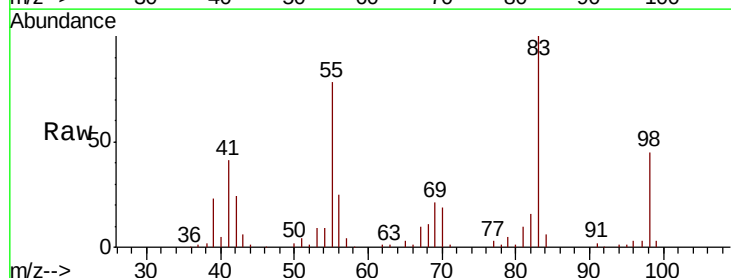
Tgt Ion: 83 Resp: 38036

Ion Ratio Lower Upper

83 100

55 80.4 40.6 121.8

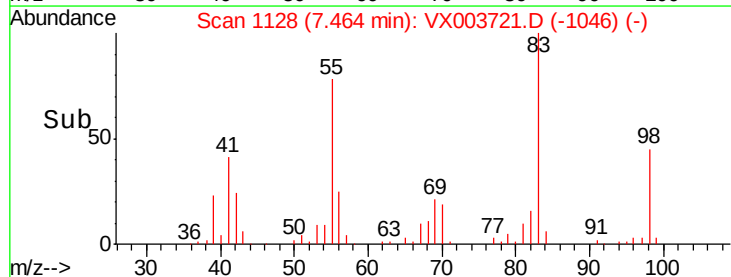
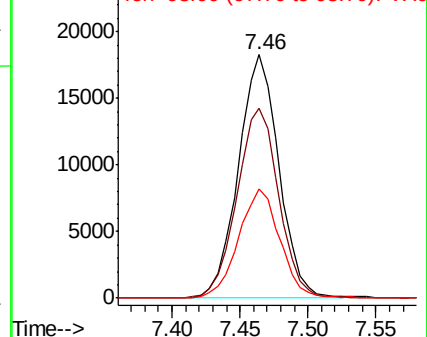
98 45.6 23.5 70.5

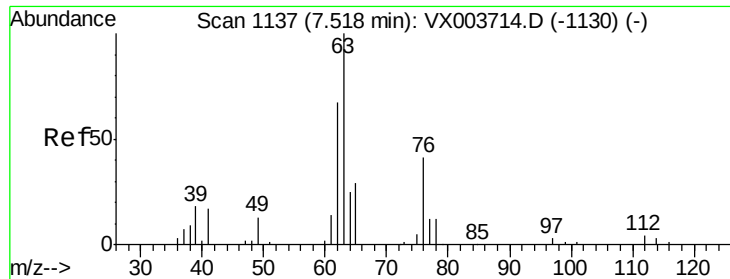


Abundance Ion 83.00 (82.70 to 83.70): VX0

25000 Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





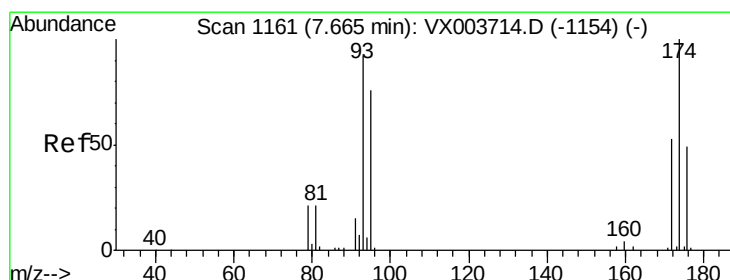
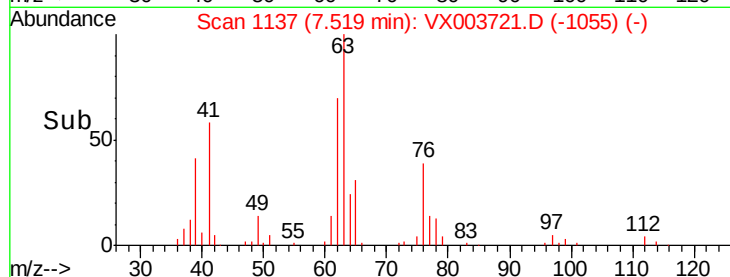
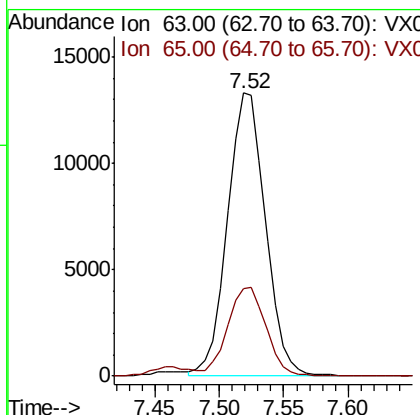
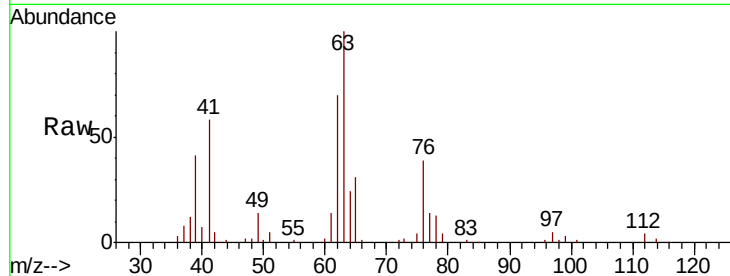
#39
 1,2-Dichloropropane
 Concen: 18.744 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

Tot Ion: 63 Resp: 27365
 Ion Ratio Lower Upper
 63 100
 65 30.9 23.3 34.9

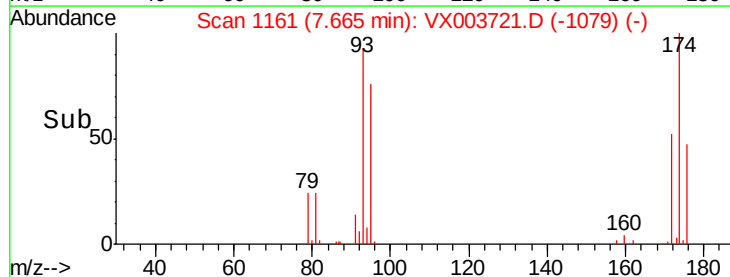
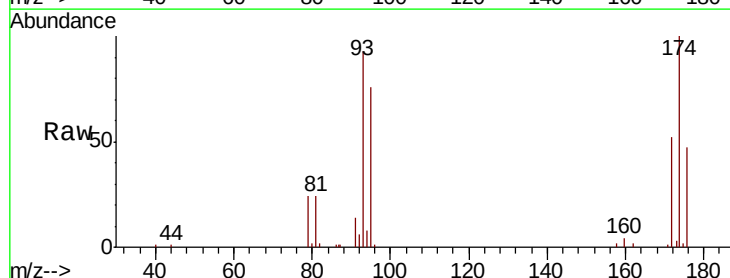
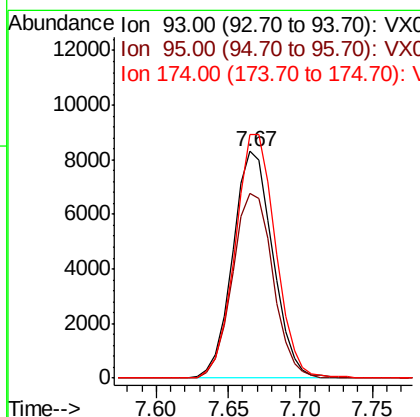
Manual Integrations
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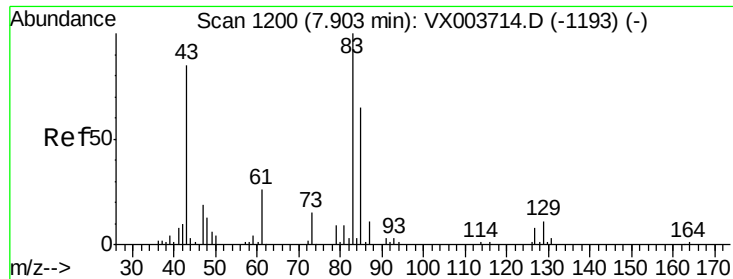
MMDadoda
 7/30/2018 3:42:32 PM



#40
 Dibromomethane
 Concen: 17.046 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Tgt Ion: 93 Resp: 16104
 Ion Ratio Lower Upper
 93 100
 95 81.9 0.0 162.6
 174 108.3 0.0 229.4





#41

Bromodichloromethane

Concen: 16.436 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

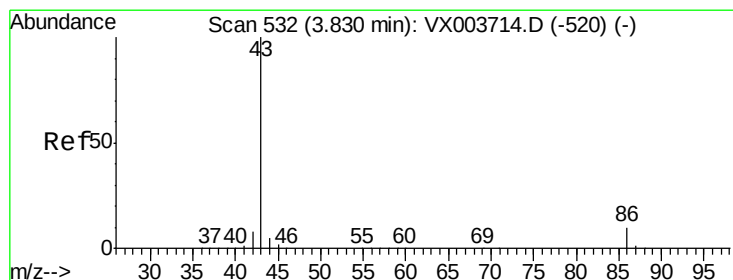
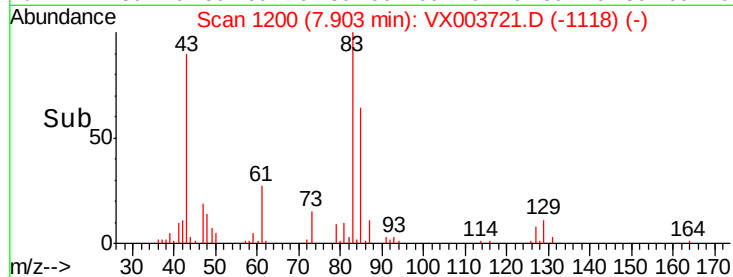
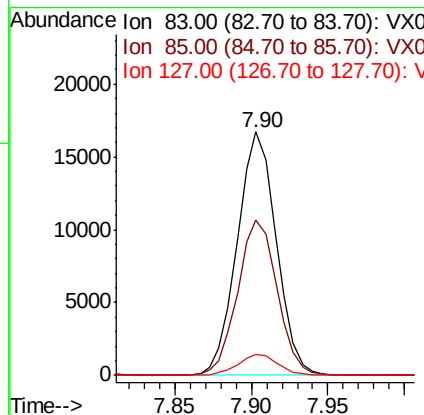
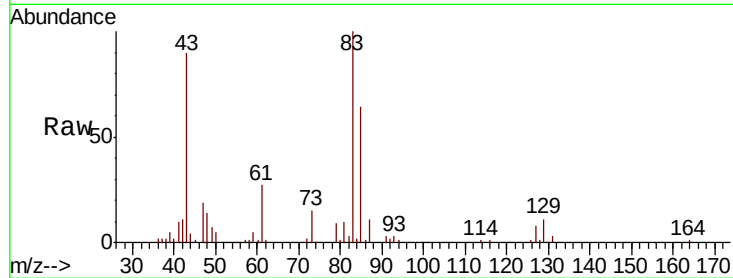
ClientSampleId :

VX0727WBS01

Tot Ion:	83	Resp:	29666
Ion	Ratio	Lower	Upper
83	100		
85	64.0	49.8	74.8
127	8.4	7.3	10.9

Manual Integrations
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7/30/2018 3:42:32 PM



#42

Vinyl Acetate

Concen: 91.872 ug/l

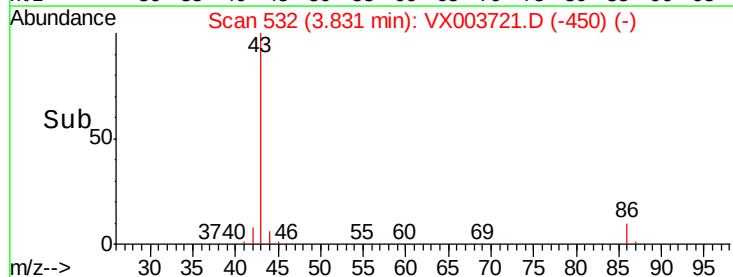
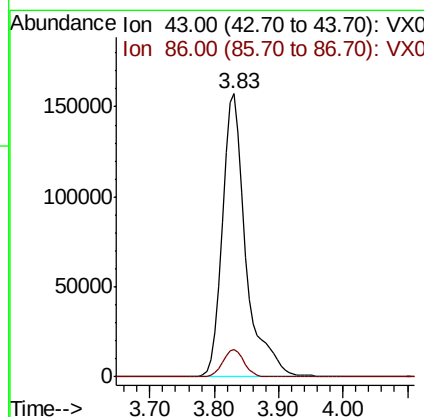
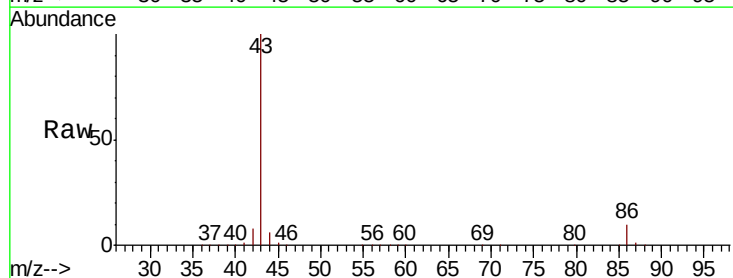
RT: 3.83 min Scan# 532

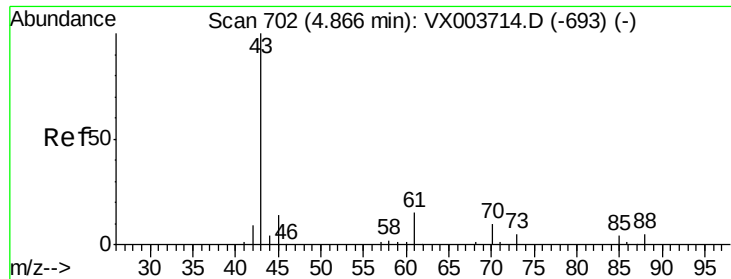
Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Tgt Ion:	43	Resp:	405354
Ion	Ratio	Lower	Upper
43	100		
86	8.8	6.7	10.1





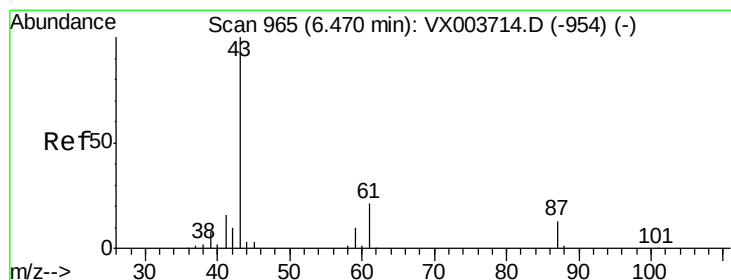
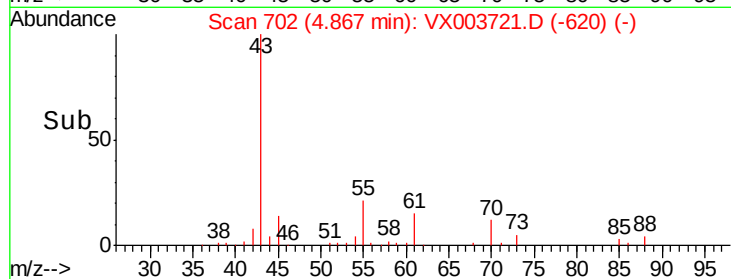
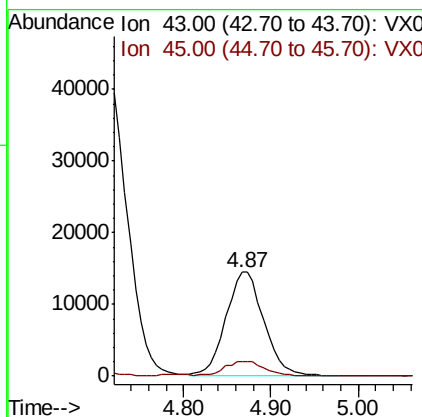
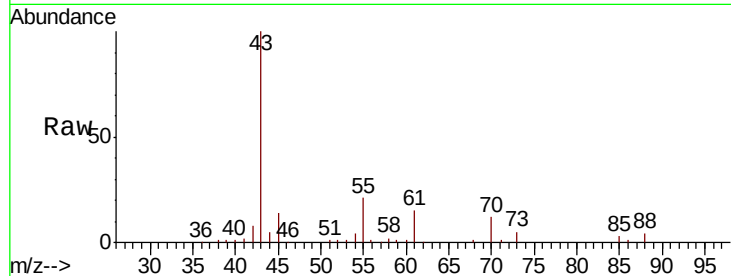
#43
Ethyl Acetate
Concen: 20.403 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

Tot Ion: 43 Resp: 43762
Ion Ratio Lower Upper
43 100
45 15.3 11.0 16.4

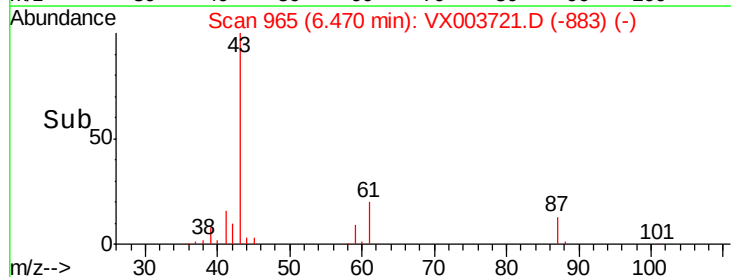
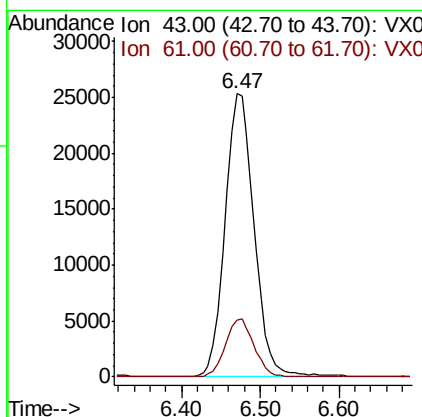
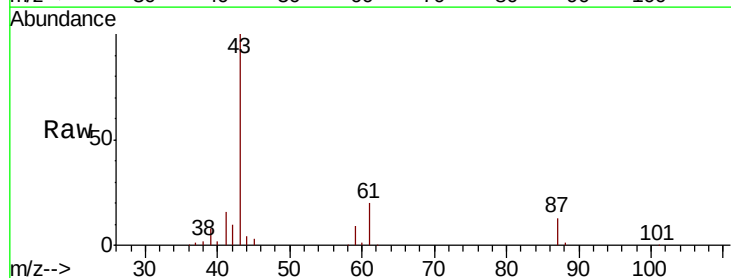
Manual Integrations
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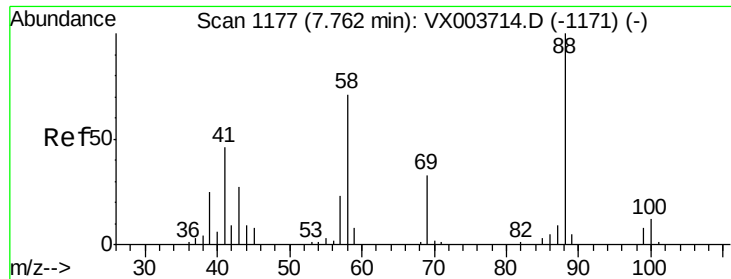
MMDadoda
7/30/2018 3:42:32 PM



#44
Isopropyl Acetate
Concen: 19.722 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Tgt Ion: 43 Resp: 64879
Ion Ratio Lower Upper
43 100
61 20.1 14.5 21.7





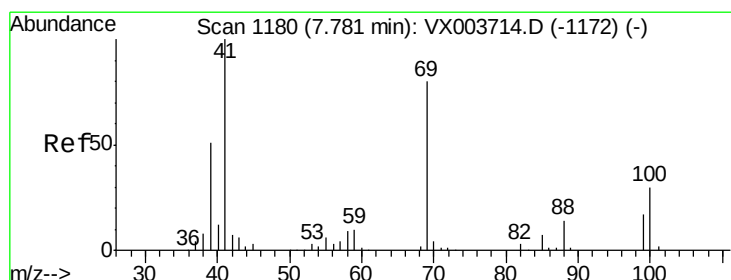
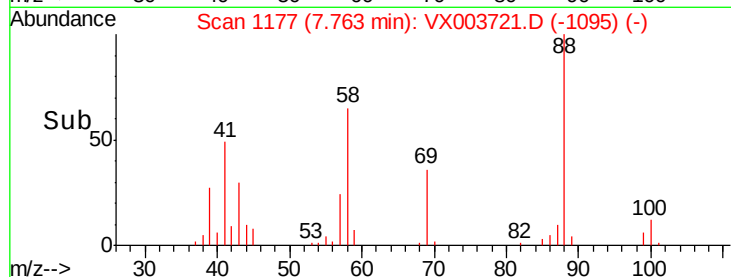
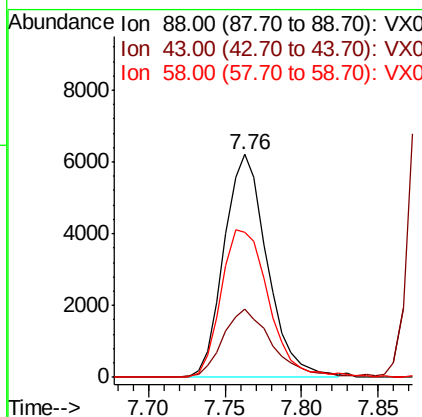
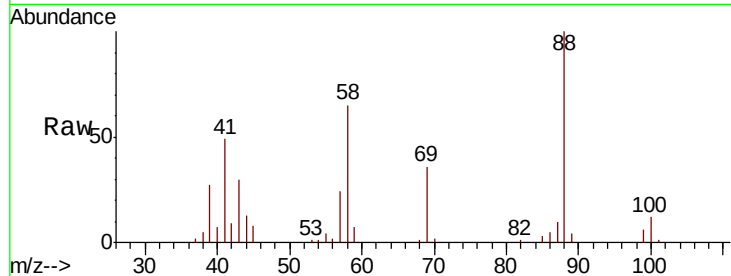
#45
 1,4-Dioxane
 Concen: 332.861 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.1	43.2	64.8#
58	73.1	60.2	90.2

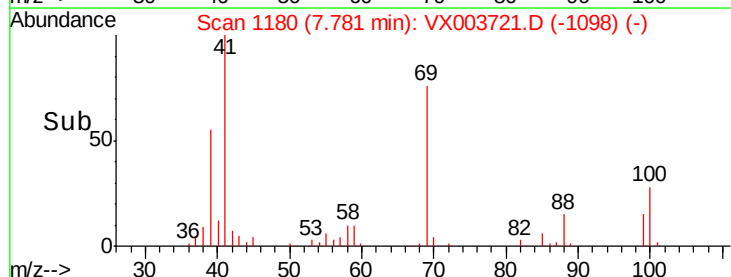
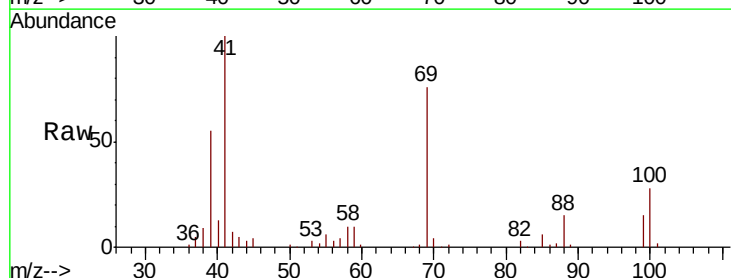
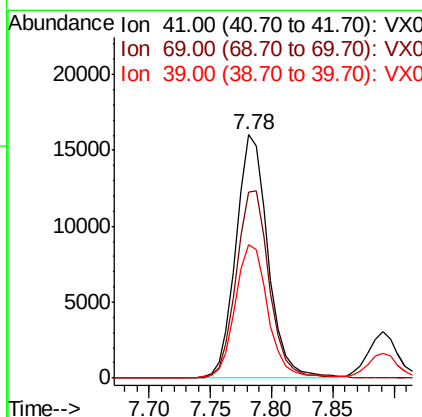
Manual Integrations
 APPROVED

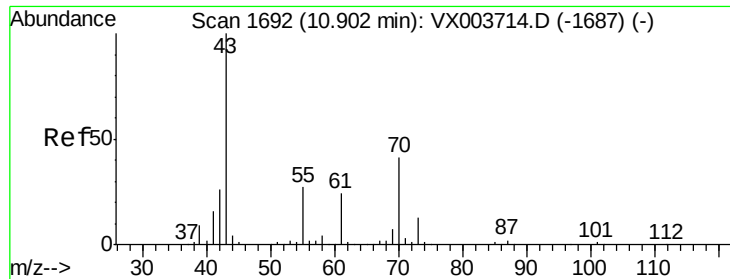
MMDadoda
 7/30/2018 3:42:32 PM



#46
 Methyl methacrylate
 Concen: 17.215 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
41	100		
69	76.4	37.0	110.9
39	54.8	29.6	88.9





#47

n-amvl Acetate

Concen: 16.443 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS01

Tot Ion: 43 Resp: 51070

Ion Ratio Lower Upper

43 100

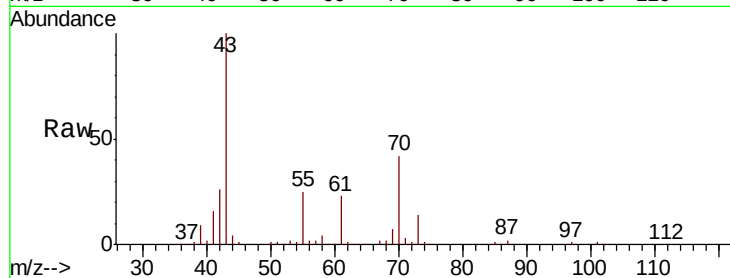
55 25.7 0.1 0.1#

Manual Integrations

APPROVED

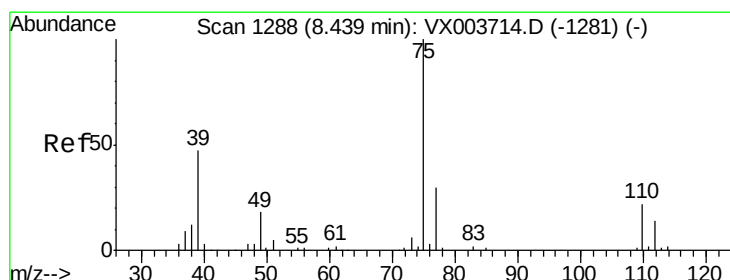
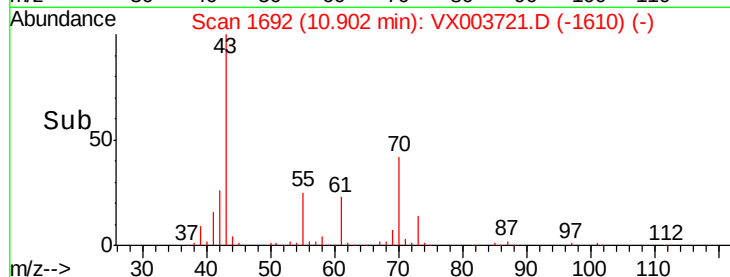
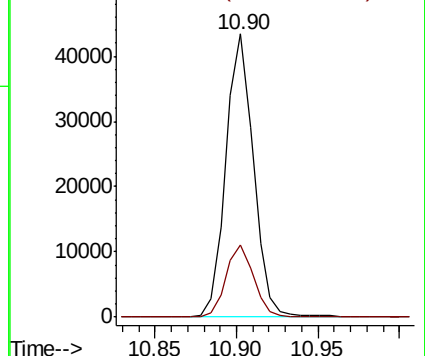
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 16.594 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003721.D

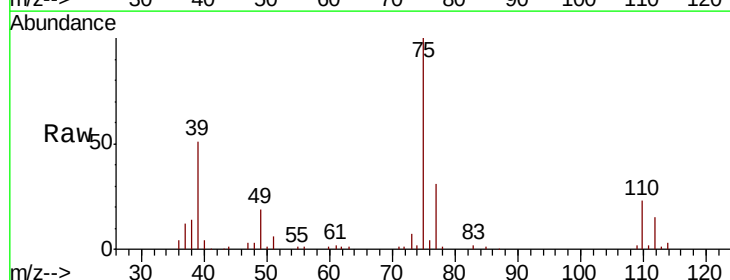
Acq: 27 Jul 2018 19:39

Tgt Ion: 75 Resp: 36344

Ion Ratio Lower Upper

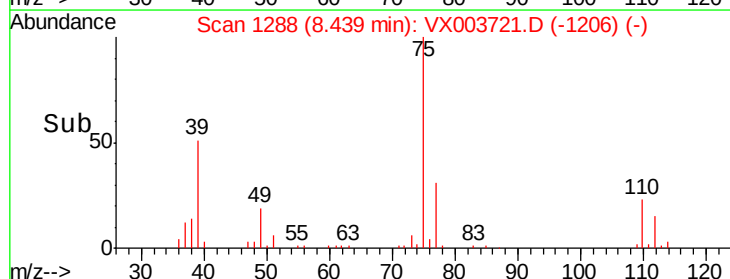
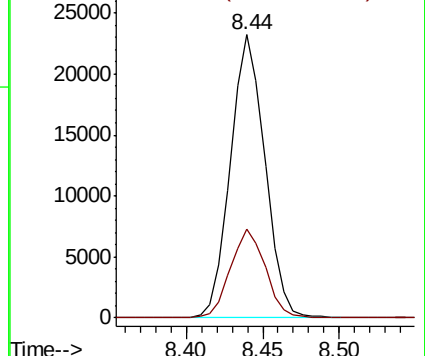
75 100

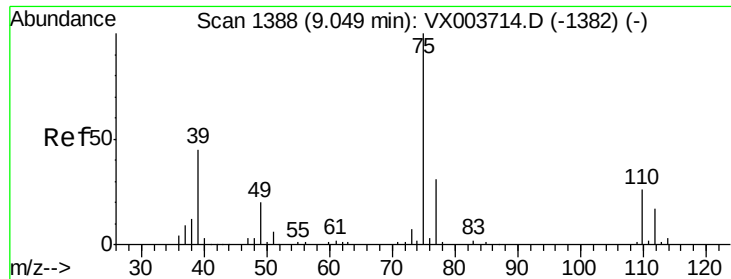
77 31.4 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





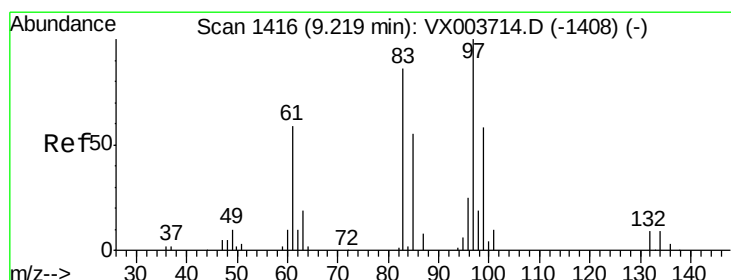
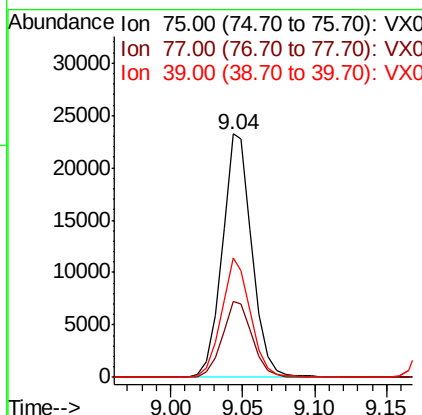
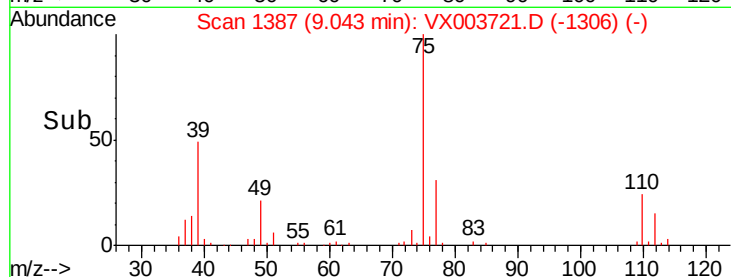
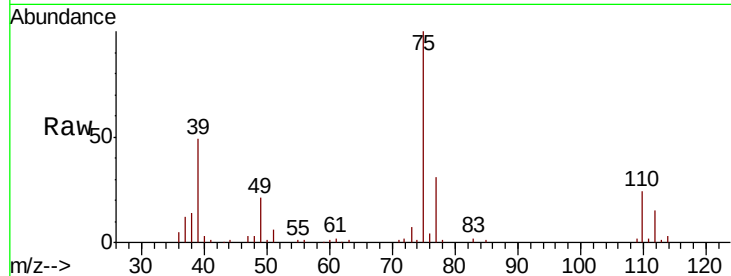
#49
 cis-1,3-Dichloropropene
 Concen: 16.254 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.4	38.2
39	49.1	42.3	63.5

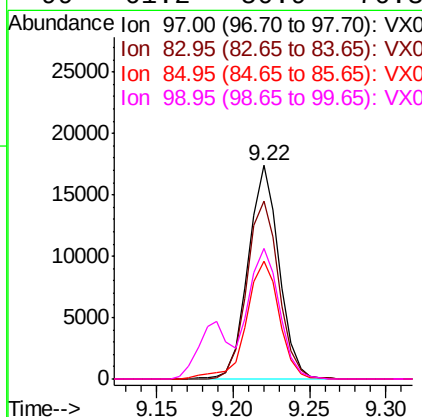
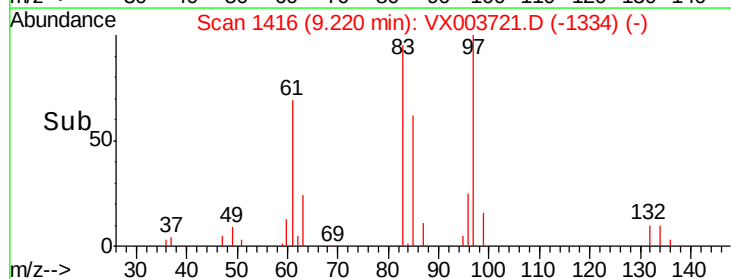
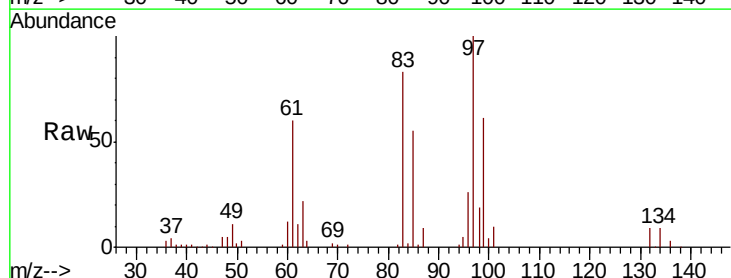
Manual Integrations
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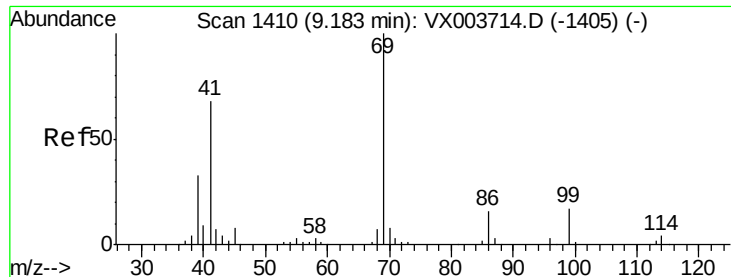
MMDadoda
 7/30/2018 3:42:32 PM



#50
 1,1,2-Trichloroethane
 Concen: 16.289 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.5	70.8	106.2
85	54.9	43.5	65.3
99	61.2	50.9	76.3





#51

Ethyl methacrylate

Concen: 15.711 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

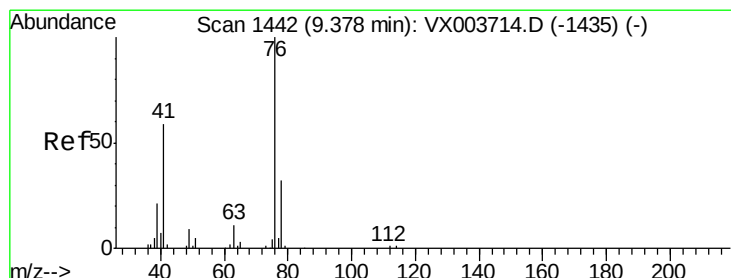
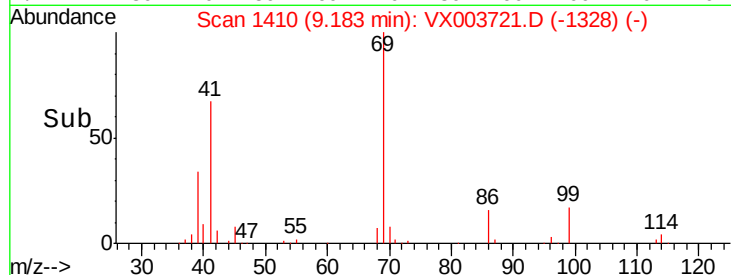
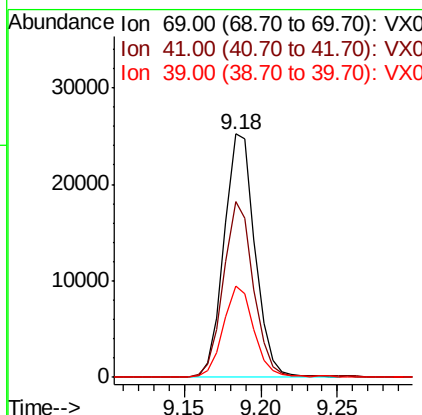
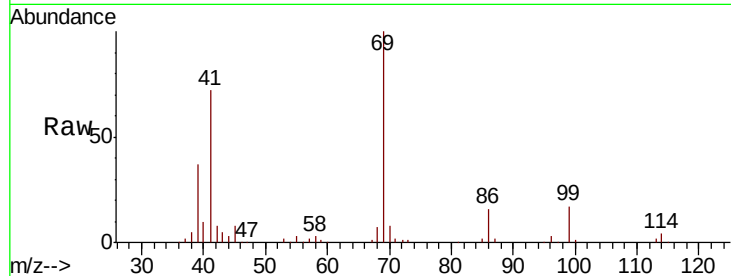
ClientSampleId :

VX0727WBS01

Tot Ion:	69	Resp:	35478
Ion	Ratio	Lower	Upper
69	100		
41	71.7	39.1	117.3
39	37.2	21.7	65.1

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 16.490 ug/l

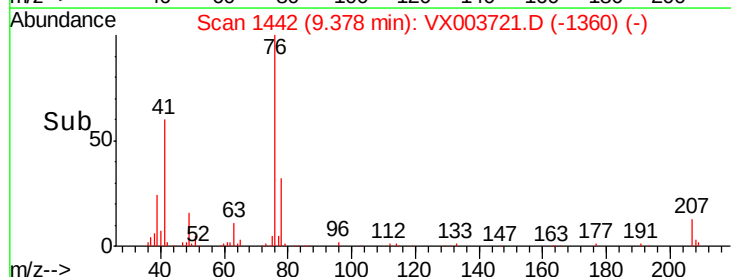
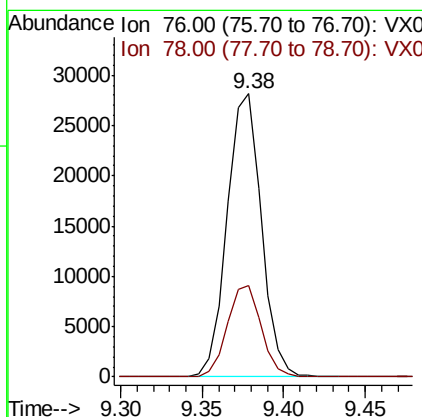
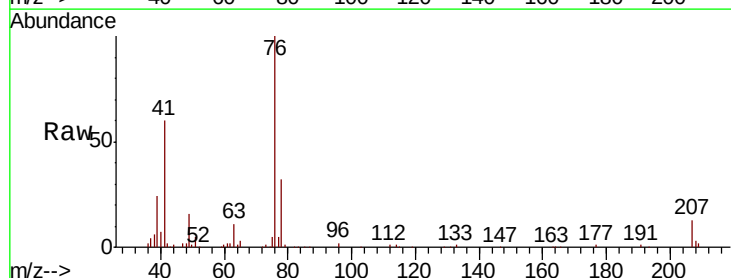
RT: 9.38 min Scan# 1442

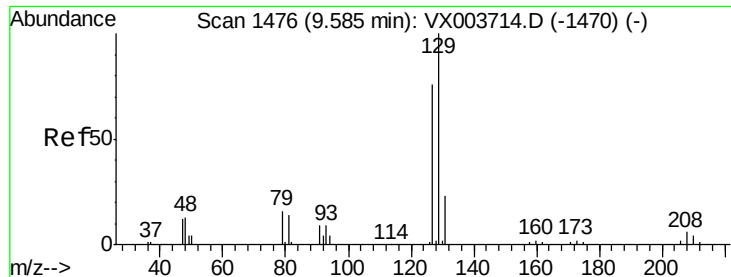
Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Tgt Ion:	76	Resp:	41157
Ion	Ratio	Lower	Upper
76	100		
78	31.9	0.0	63.4





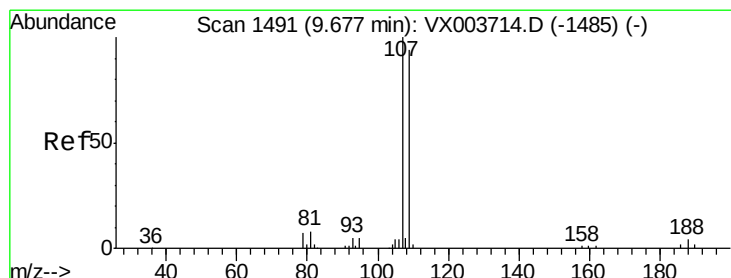
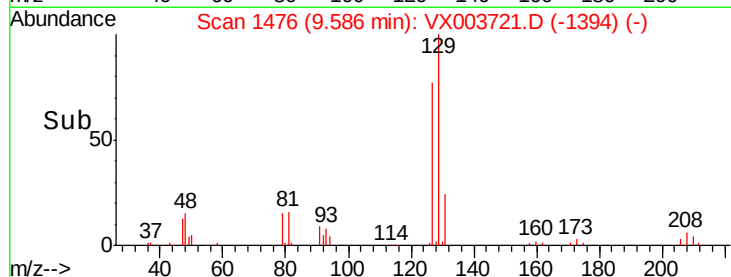
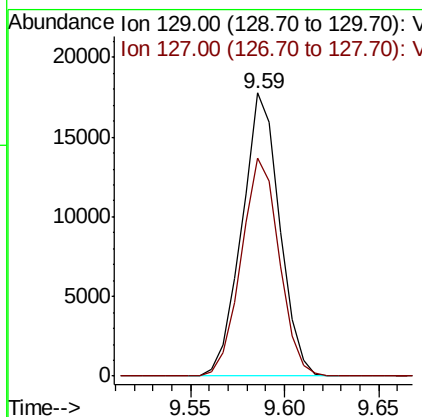
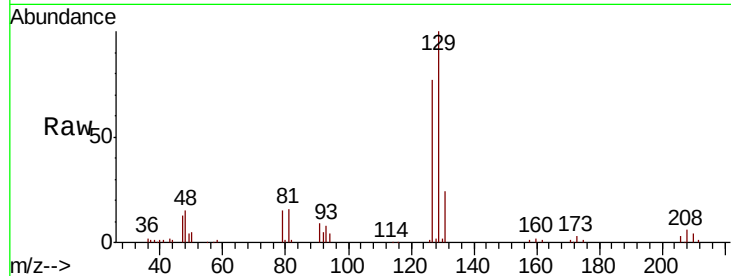
#53
Dibromochloromethane
Concen: 16.743 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

Tot Ion	Ion	Ratio	Lower	Upper
129	100			
127	77.4	38.5	115.3	

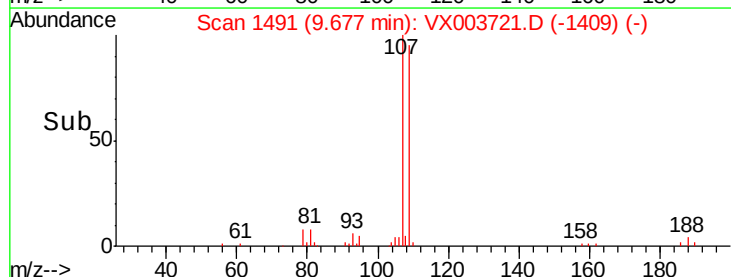
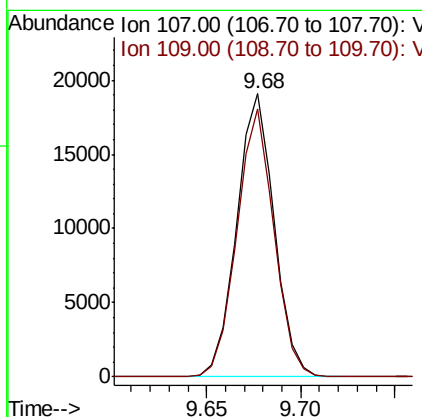
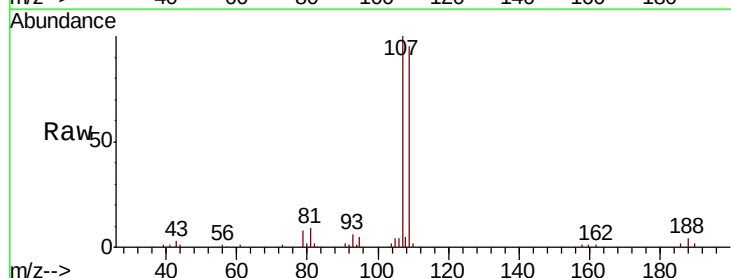
Manual Integrations
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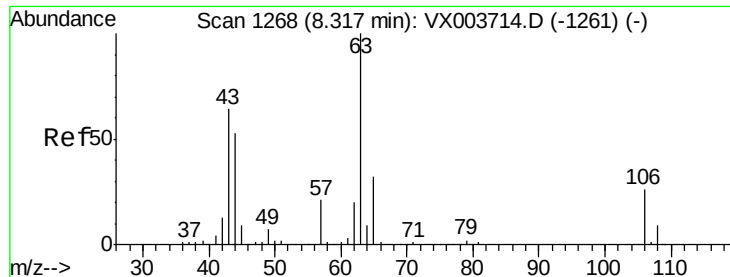
MMDadoda
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#54
1,2-Dibromoethane
Concen: 16.782 ug/l
RT: 9.68 min Scan# 1491
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
109	93.4	75.5	113.3	





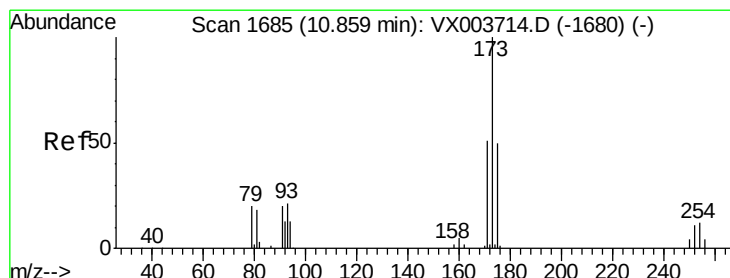
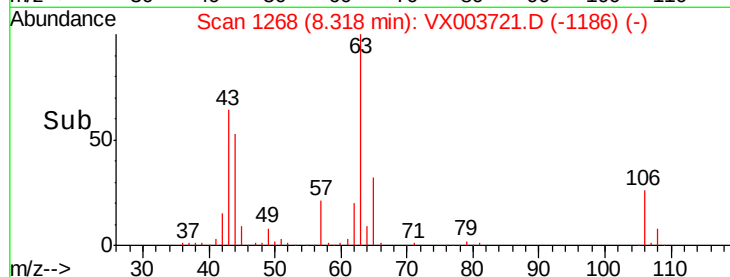
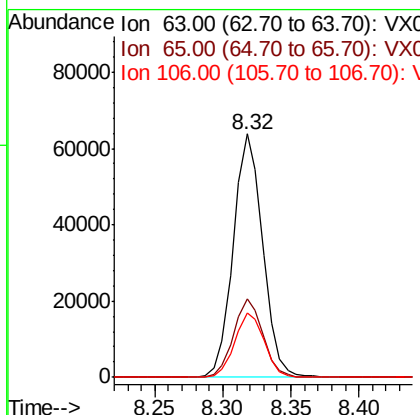
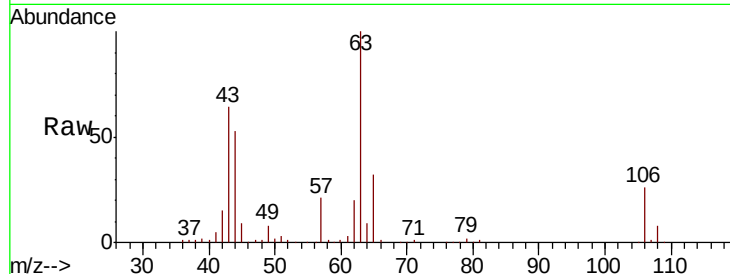
#55
2-Chloroethyl vinyl ether
Concen: 82.626 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.0	25.6	38.4
106	26.5	21.6	32.4

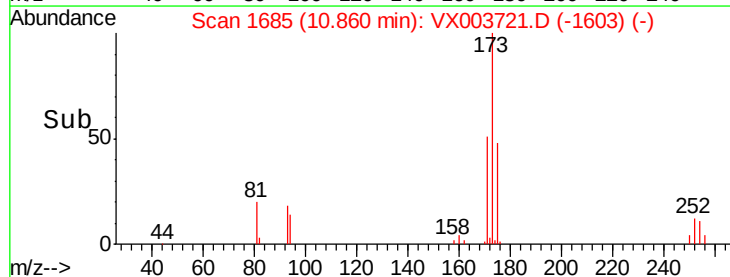
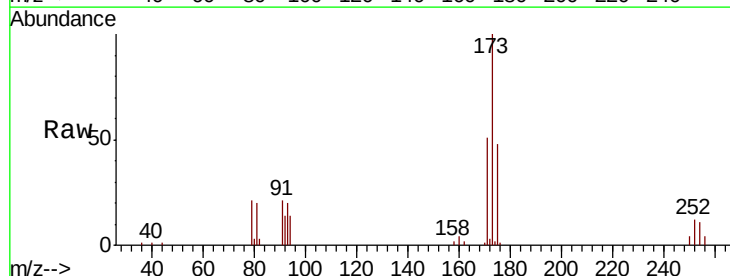
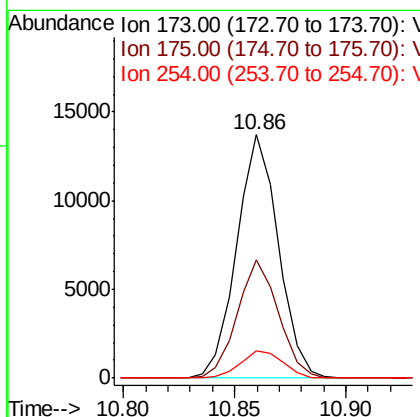
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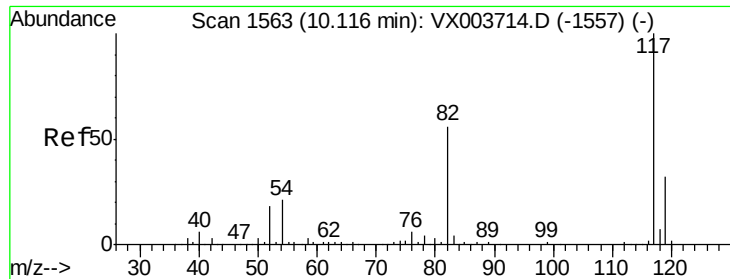
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#56
Bromoform
Concen: 15.679 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.7	39.0	58.4
254	11.5	9.6	14.4





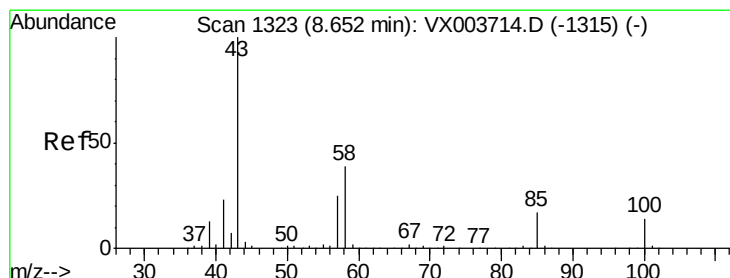
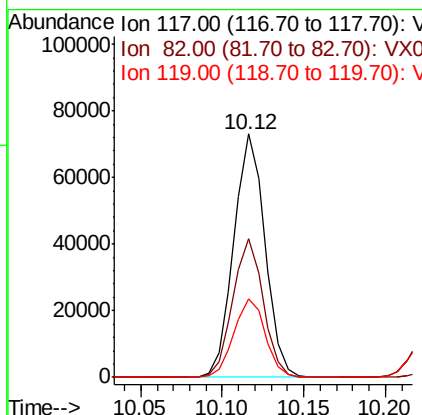
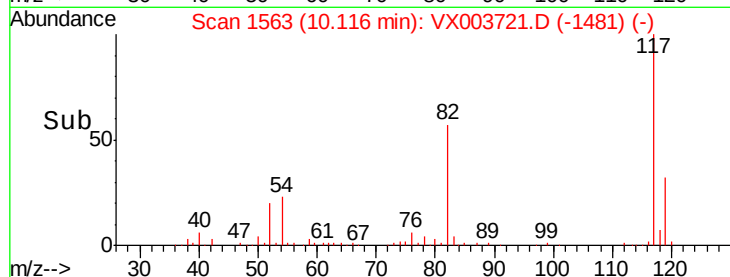
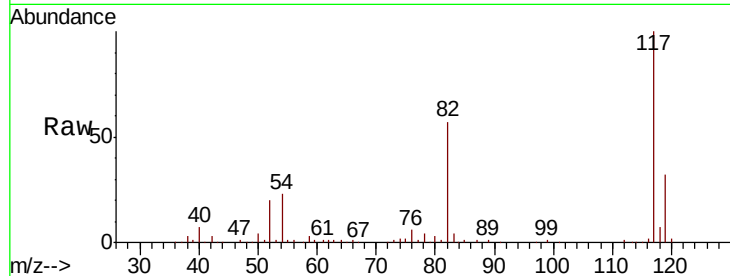
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.3	66.5
119	32.5	25.7	38.5

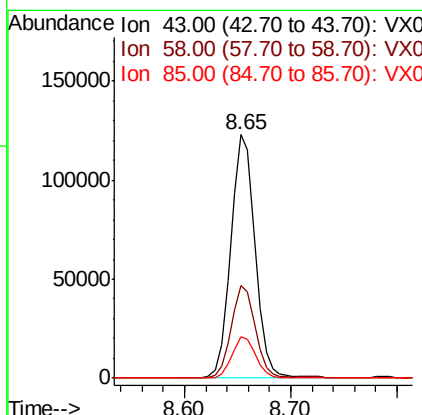
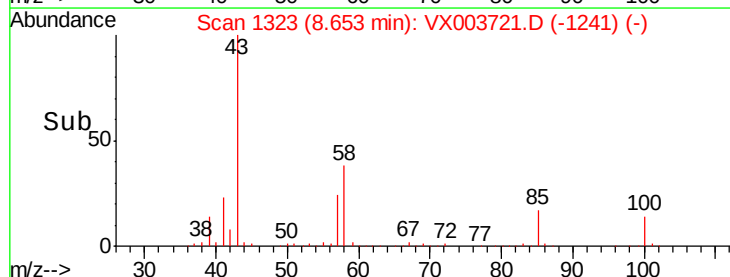
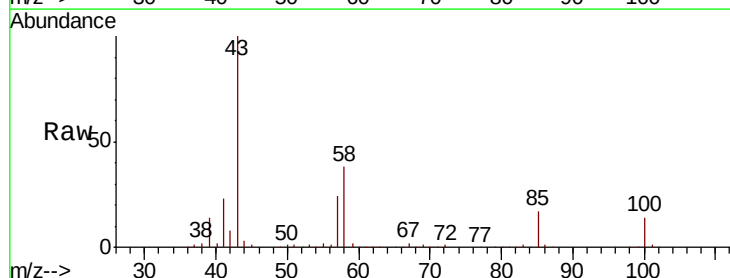
Manual Integrations
APPROVED

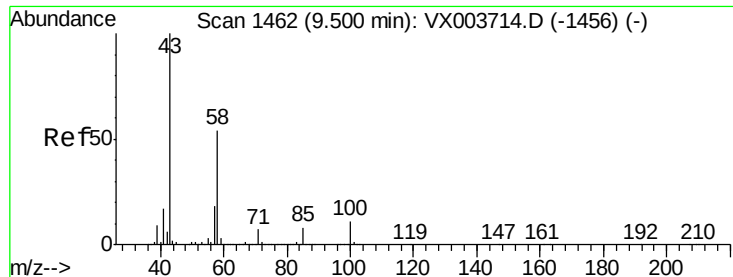
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 107.355 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.6	28.2	42.4
85	16.6	12.4	18.6





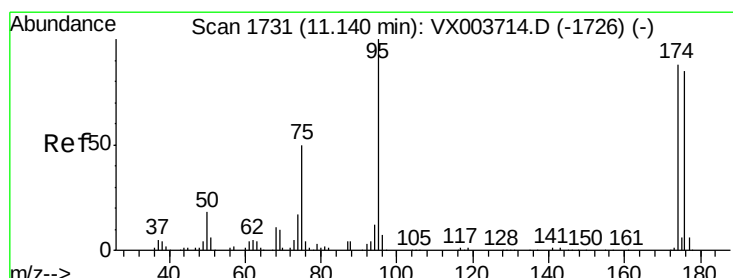
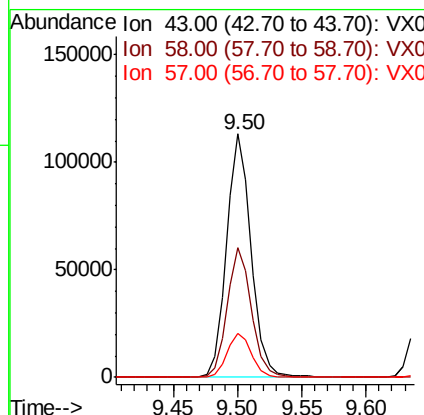
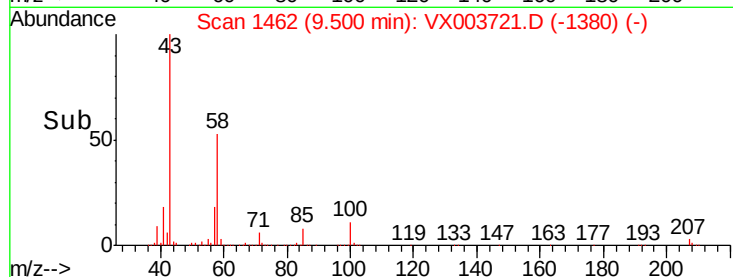
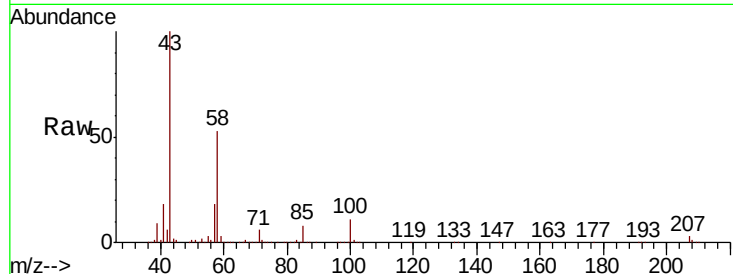
#59
2-Hexanone
Concen: 103.698 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.5	39.6	59.4
57	18.2	14.1	21.1

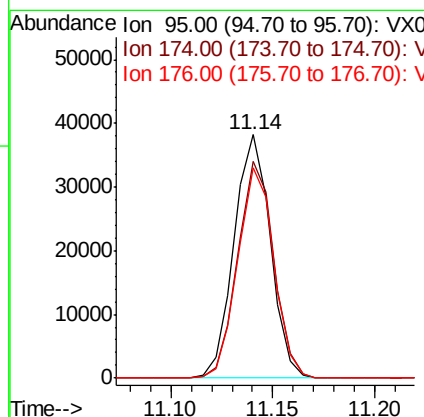
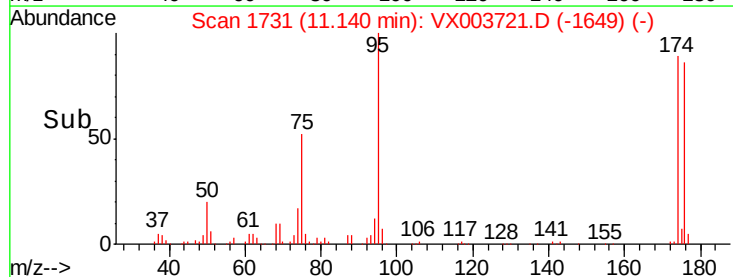
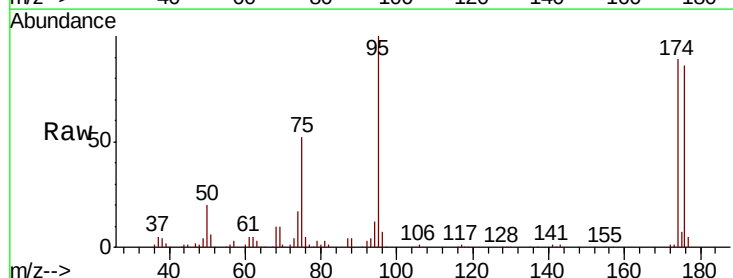
Manual Integrations
APPROVED

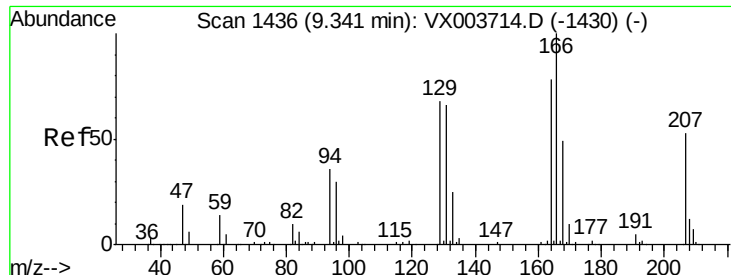
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7/30/2018 3:42:32 PM



#60
4-Bromofluorobenzene
Concen: 29.986 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.7	71.8	107.6
176	86.1	70.1	105.1





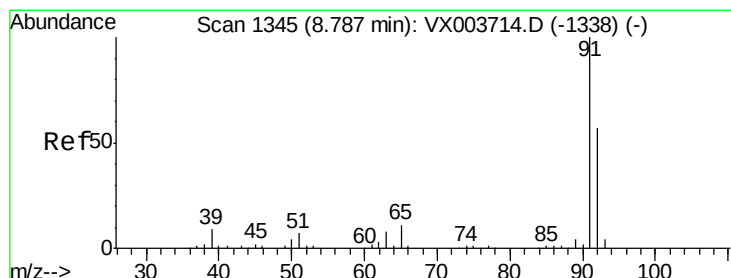
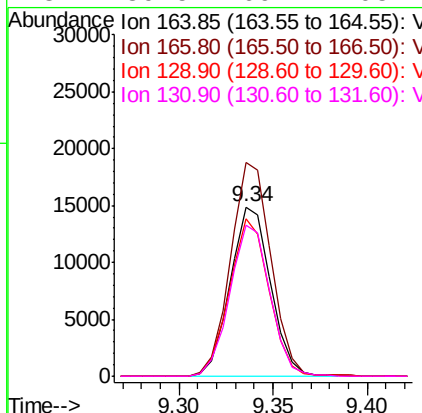
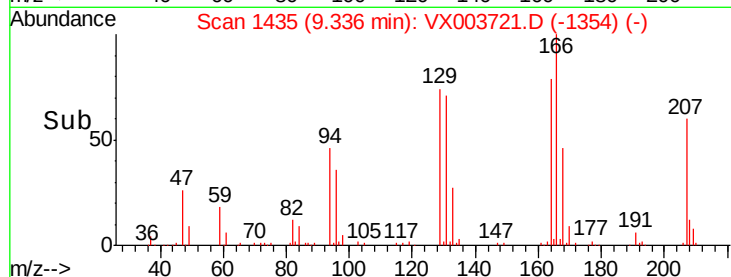
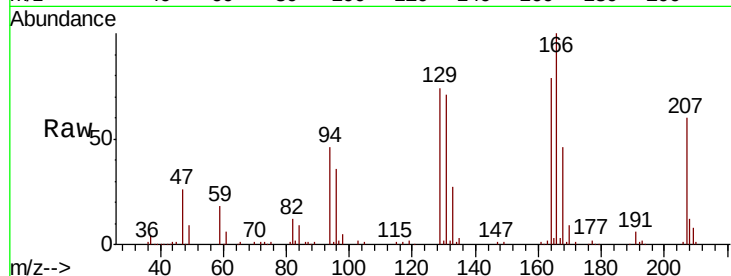
#61
 Tetrachloroethene
 Concen: 19.495 ug/l
 RT: 9.34 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

Tot Ion	Ratio	Lower	Upper
164	100		
166	126.1	102.4	153.6
129	93.2	70.1	105.1
131	89.5	69.1	103.7

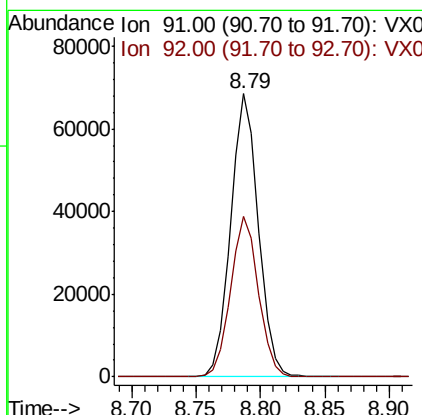
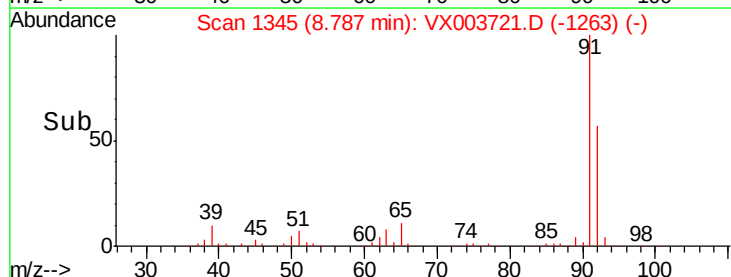
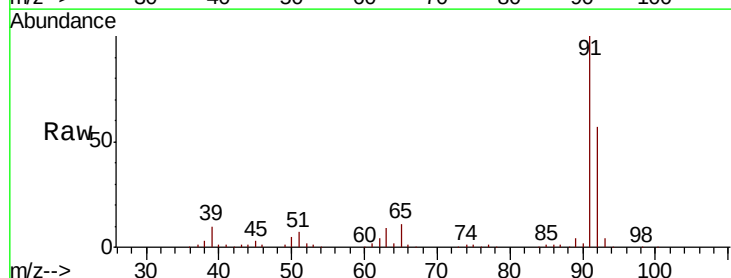
Manual Integrations
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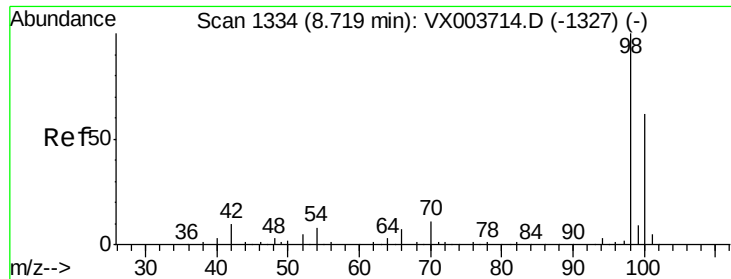
MMDadoda
 7/30/2018 3:42:32 PM



#62
 Toluene
 Concen: 20.317 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.1	46.5	69.7





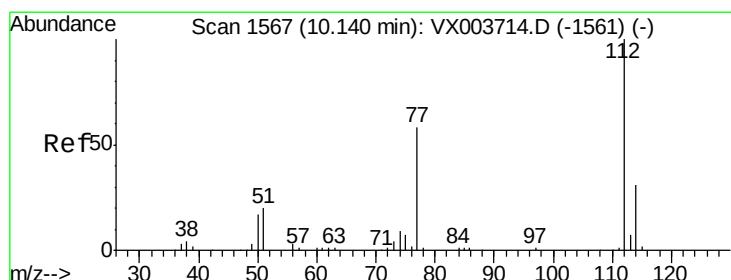
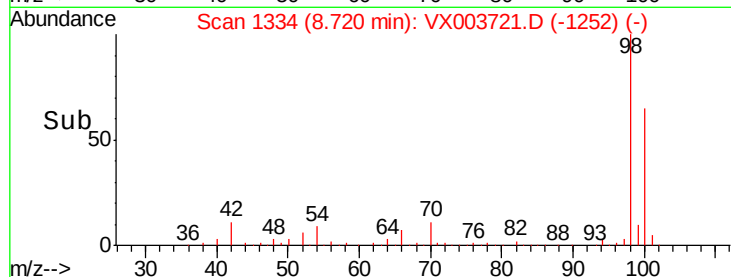
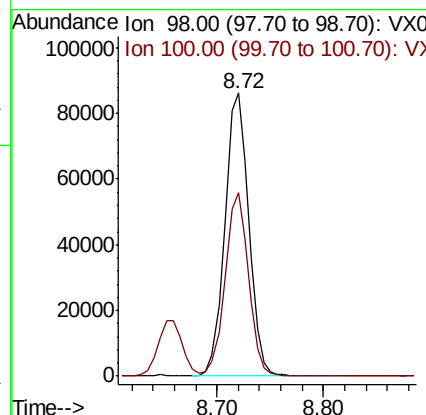
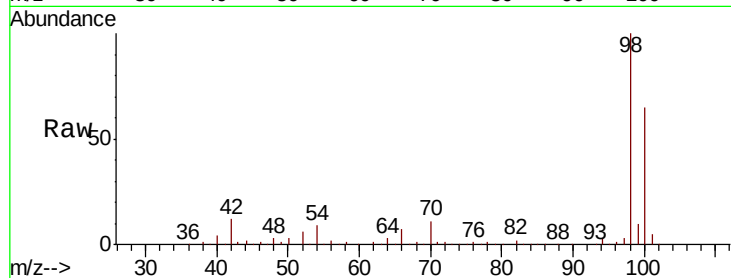
#63
Toluene-d8
Concen: 30.736 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

Tot Ion: 98 Resp: 134900
Ion Ratio Lower Upper
98 100
100 63.8 50.8 76.2

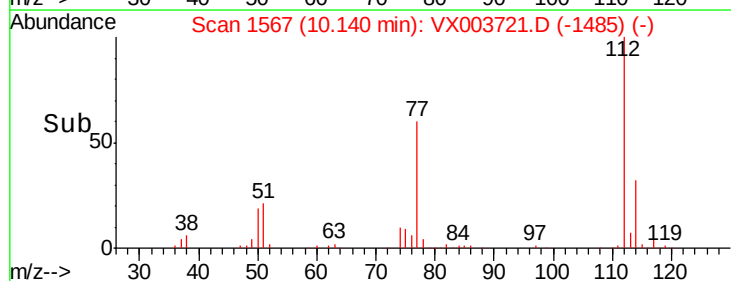
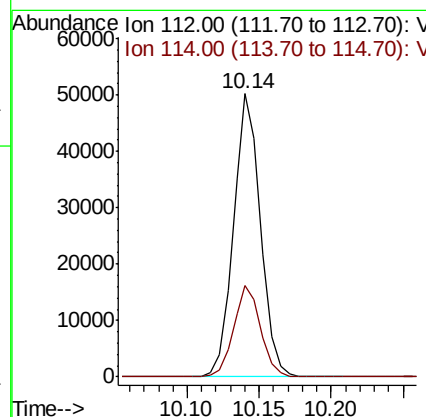
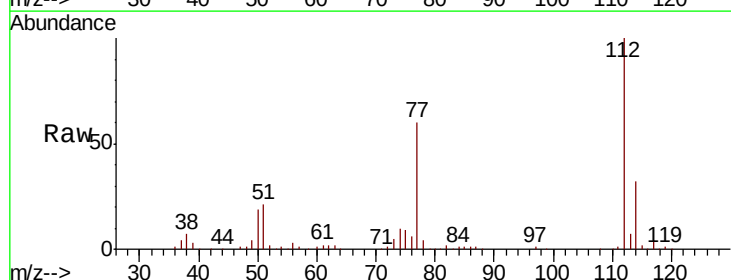
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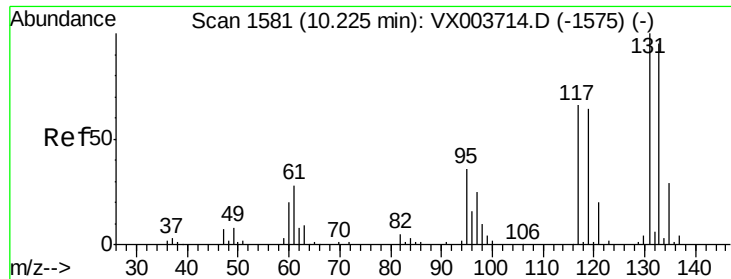
MMDadoda
7/30/2018 3:42:32 PM



#64
Chlorobenzene
Concen: 20.105 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Tgt Ion: 112 Resp: 65698
Ion Ratio Lower Upper
112 100
114 32.3 25.6 38.4





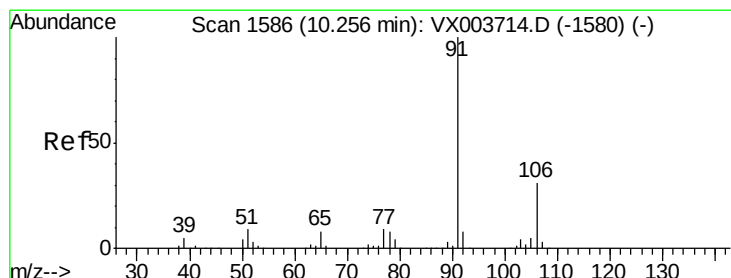
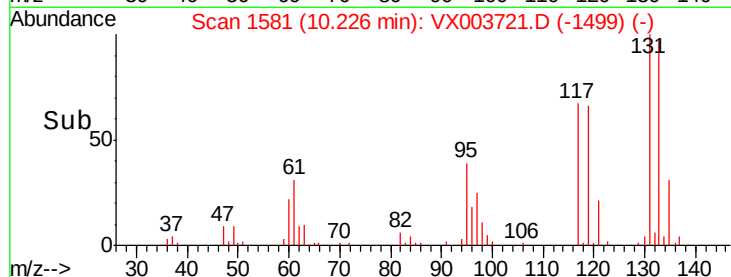
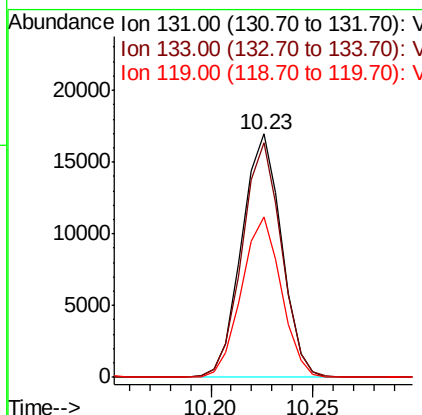
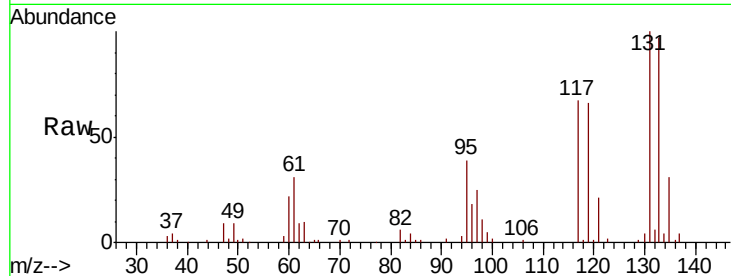
#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.881 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.7	0.0	191.2
119	66.0	0.0	125.4

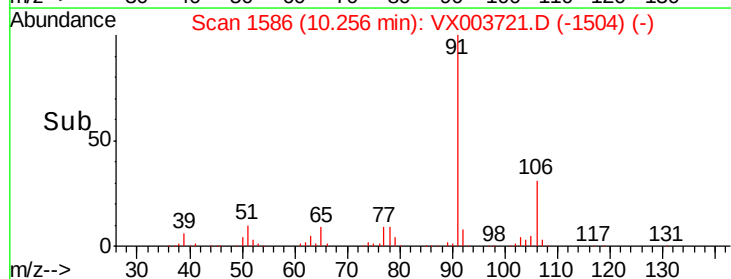
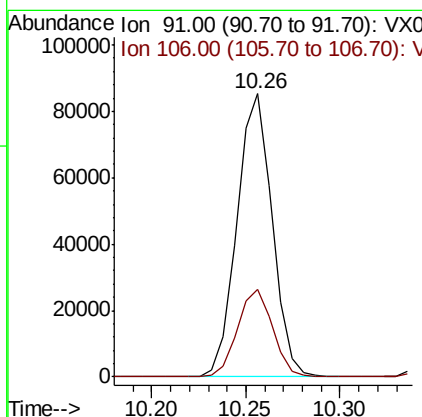
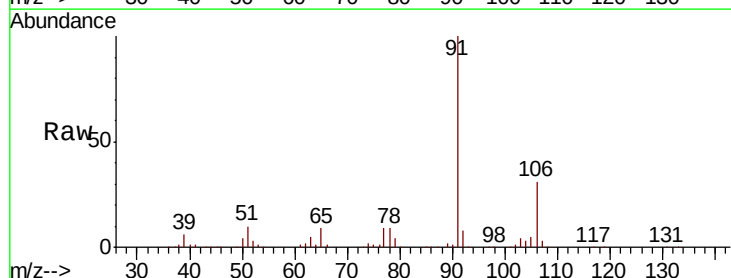
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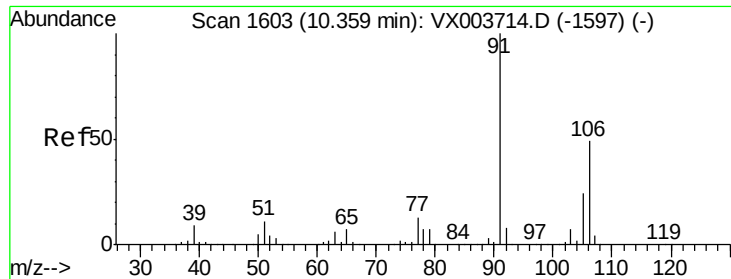
MMDadoda
 7/30/2018 3:42:32 PM



#66
 Ethyl Benzene
 Concen: 19.828 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.8	25.2	37.8





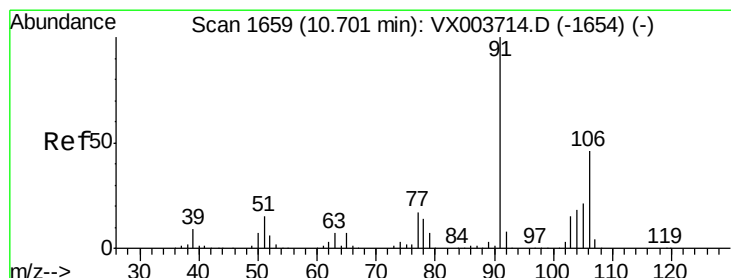
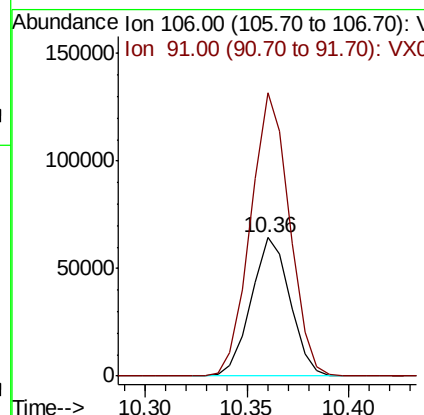
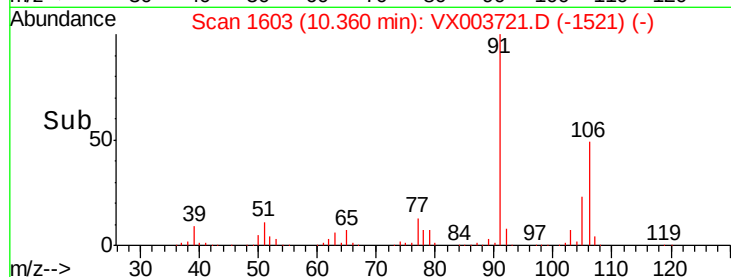
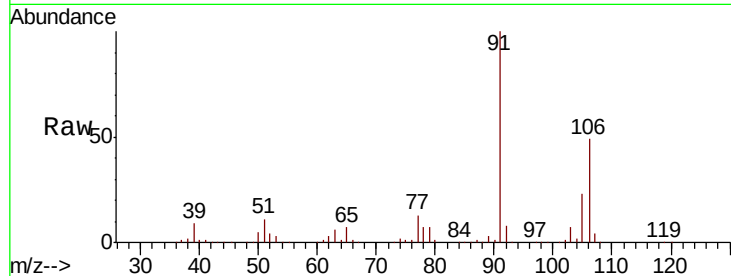
#67
m/p-Xylenes
Concen: 40.034 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

Tot Ion:106 Resp: 85804
Ion Ratio Lower Upper
106 100
91 203.8 164.1 246.1

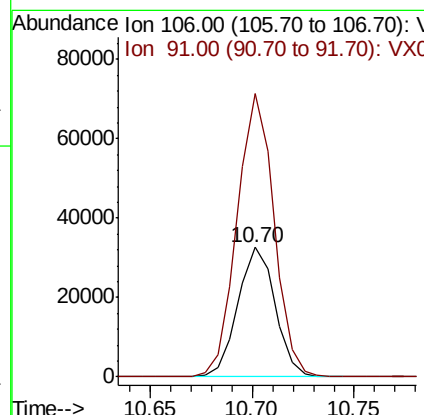
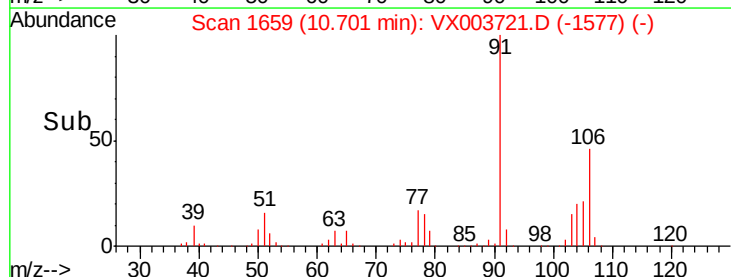
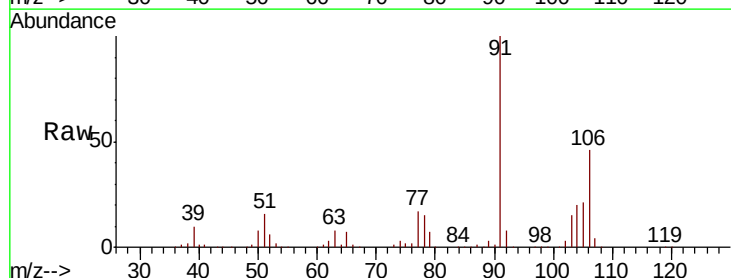
Manual Integrations
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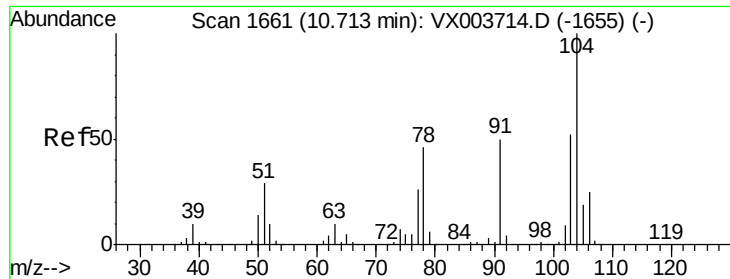
MMDadoda
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#68
o-Xylene
Concen: 20.198 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Tgt Ion:106 Resp: 41414
Ion Ratio Lower Upper
106 100
91 215.3 109.1 327.3





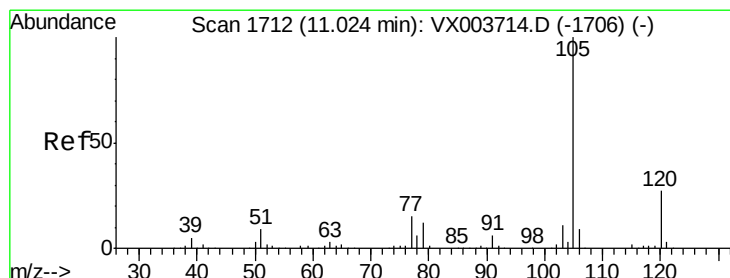
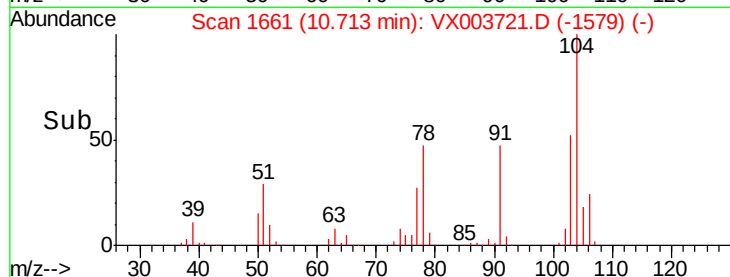
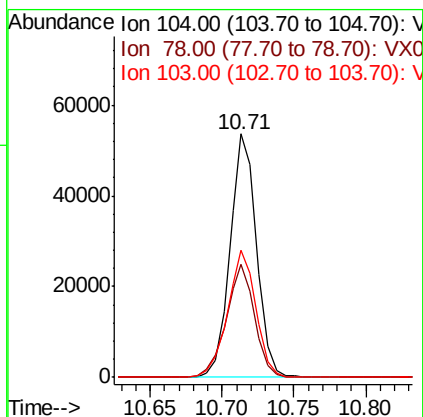
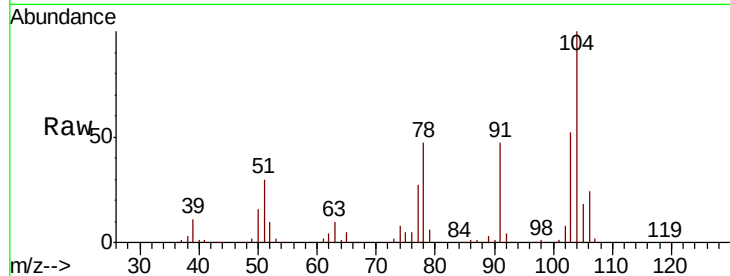
#69
Stvrene
Concen: 19.939 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.6	41.8	62.8
103	55.8	44.9	67.3

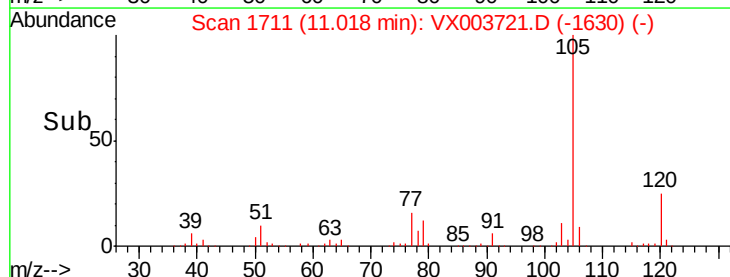
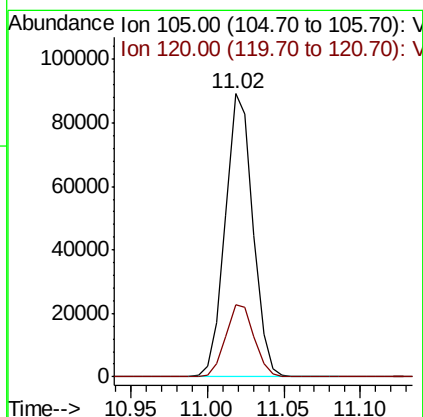
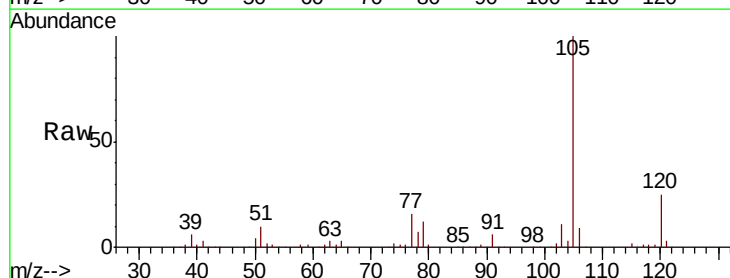
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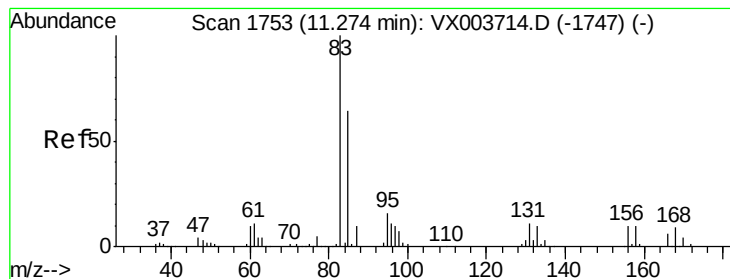
MMDadoda
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#70
Isopropylbenzene
Concen: 19.800 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. -0.01 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.2	19.0	35.2





#71

1,1,2,2-Tetrachloroethane

Concen: 19.689 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

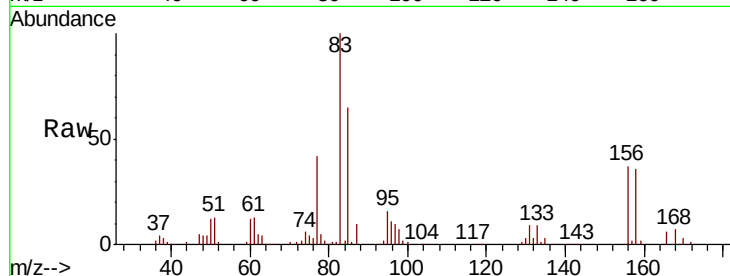
ClientSampleId :

VX0727WBS01

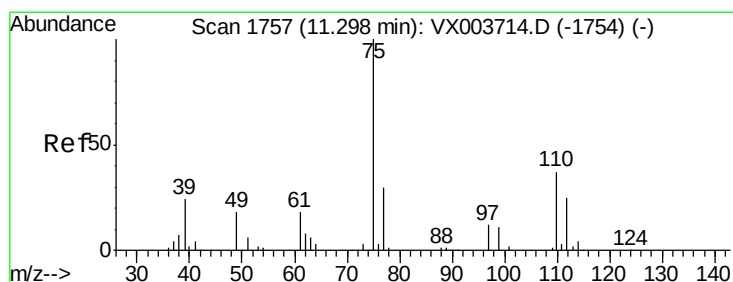
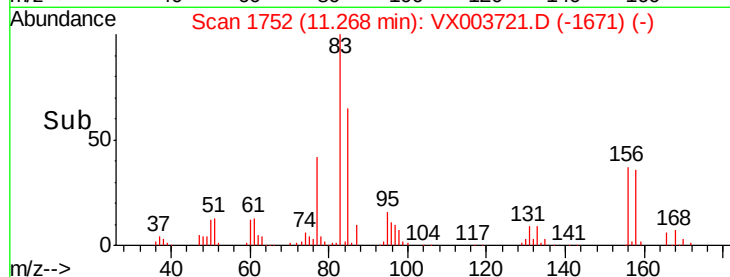
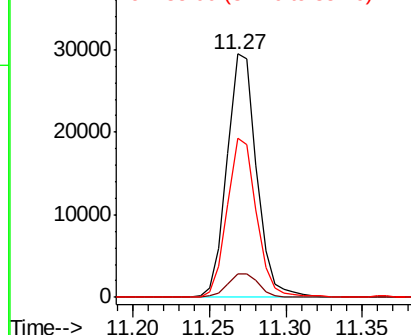
Tot Ion:	83	Resp:	39678
Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.4	16.2
85	65.0	32.4	97.2

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Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 131.00 (130.70 to 131.70): V
Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 20.583 ug/l m

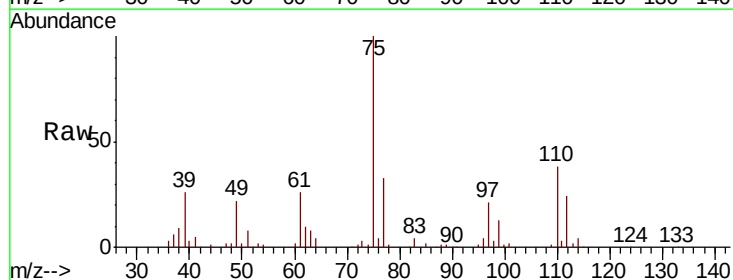
RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

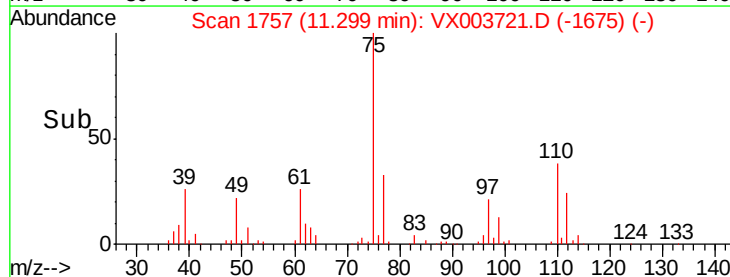
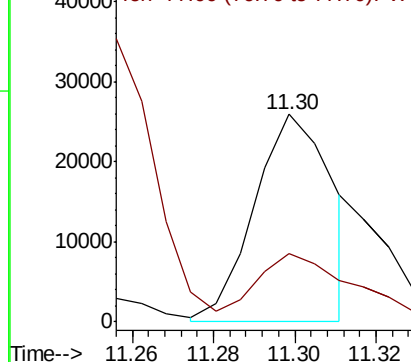
Lab File: VX003721.D

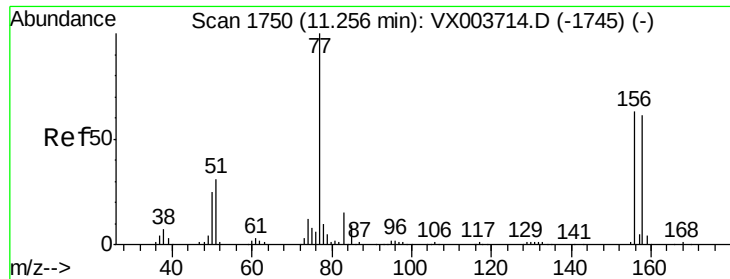
Acq: 27 Jul 2018 19:39

Tgt Ion:	75	Resp:	34506
Ion	Ratio	Lower	Upper
75	100		
77	41.9	0.0	71.8



Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





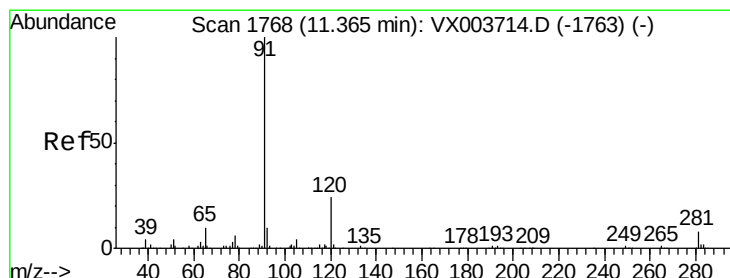
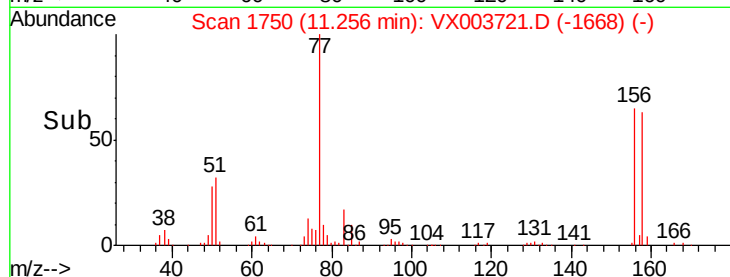
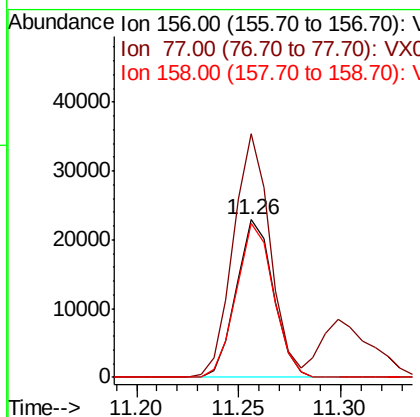
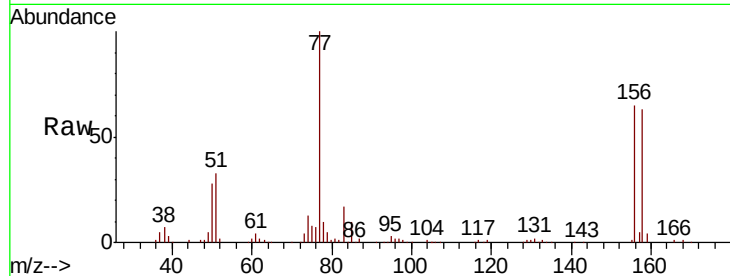
#73
Bromobenzene
Concen: 19.078 ug/l
RT: 11.26 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

Tot Ion	Ratio	Resp	Lower	Upper
156	100	29025		
77	152.4	0.0	301.0	
158	98.0	0.0	196.2	

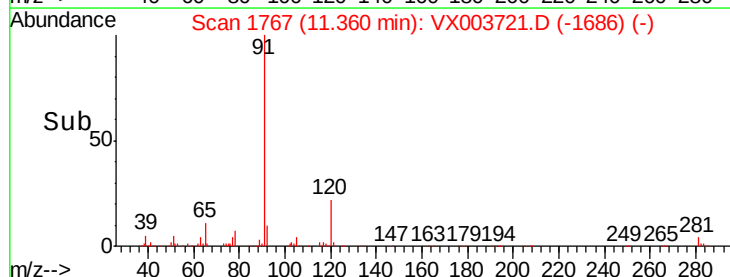
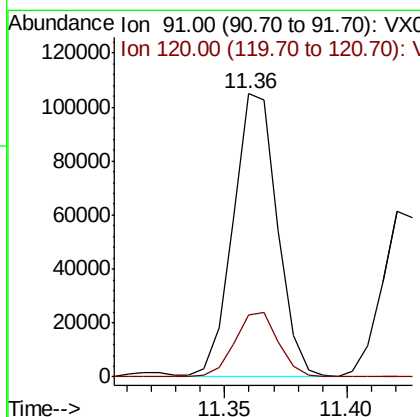
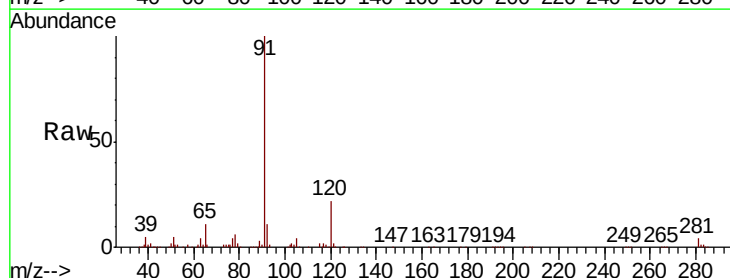
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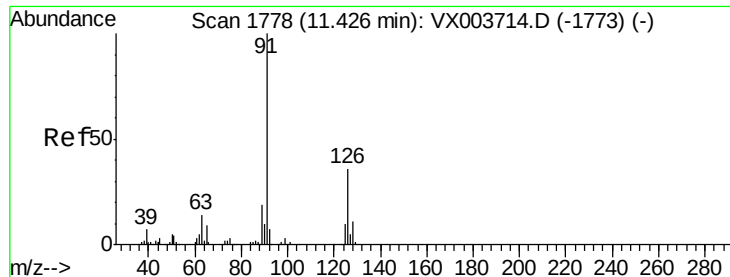
MMDadoda
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#74
n-propylbenzene
Concen: 19.829 ug/l
RT: 11.36 min Scan# 1767
Delta R.T. -0.01 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	131852		
120	22.6	0.0	46.2	





#75

2-Chlorotoluene

Concen: 20.020 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS01

Tot Ion: 91 Resp: 78461

Ion Ratio Lower Upper

91 100

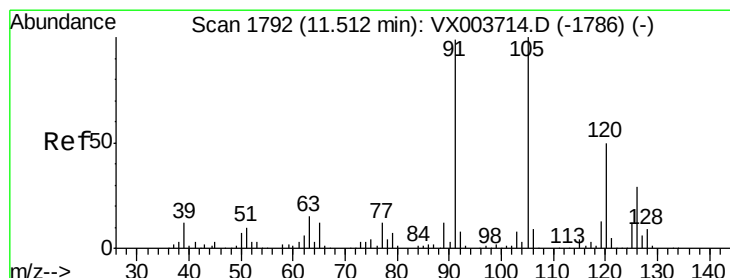
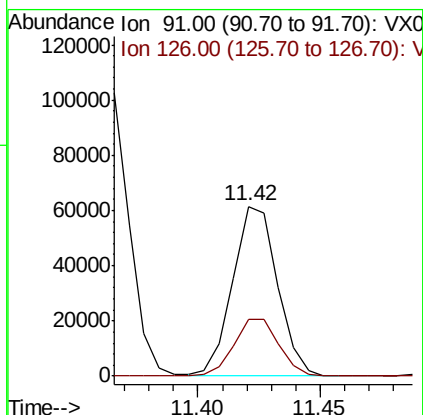
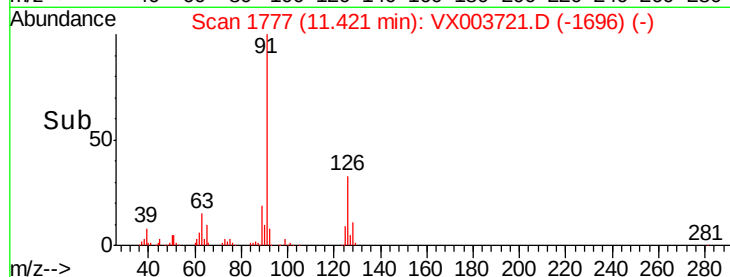
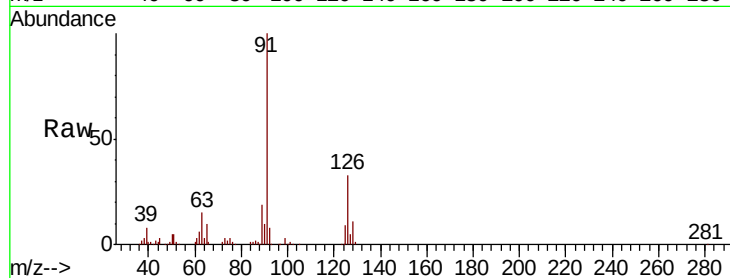
126 34.1 0.0 69.4

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#76

1,3,5-Trimethylbenzene

Concen: 19.656 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003721.D

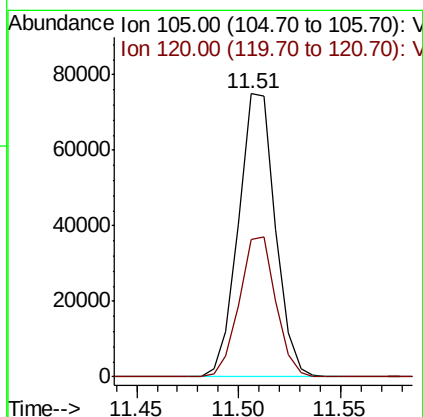
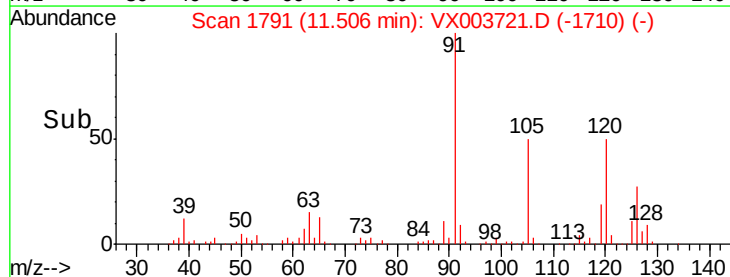
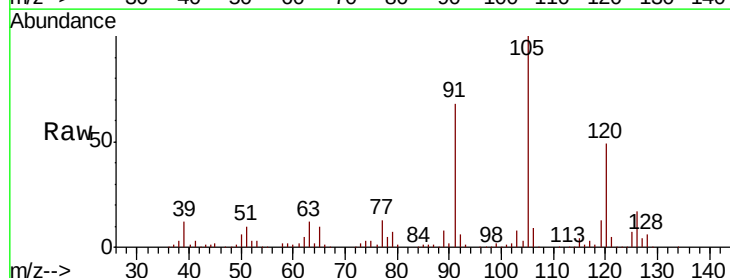
Acq: 27 Jul 2018 19:39

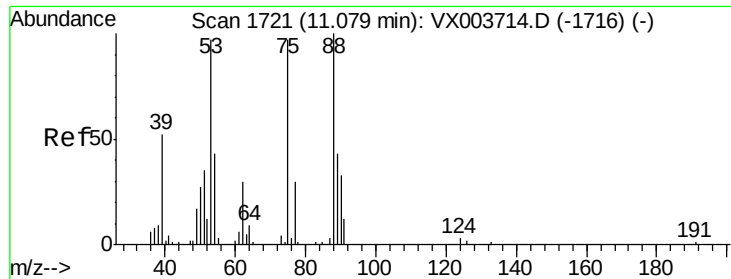
Tgt Ion: 105 Resp: 94154

Ion Ratio Lower Upper

105 100

120 49.1 0.0 96.8





#77

t-1,4-Dichloro-2-butene

Concen: 18.172 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

ClientSampled :

VX0727WBS01

Tot Ion: 75 Resp: 10381

Ion Ratio Lower Upper

75 100

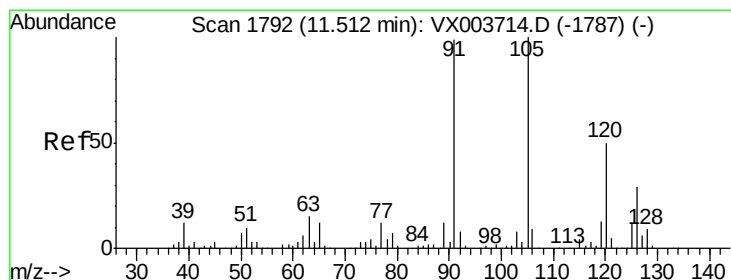
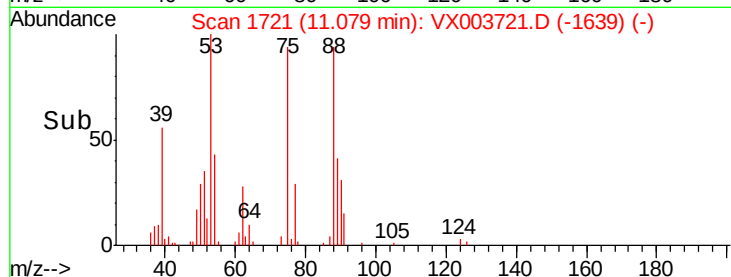
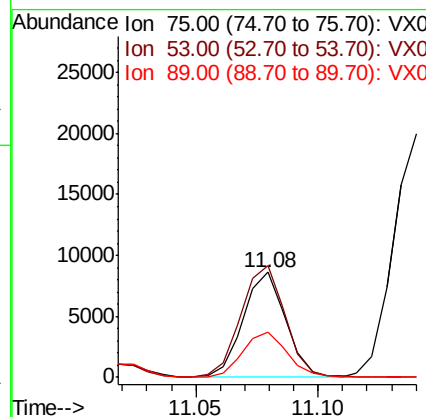
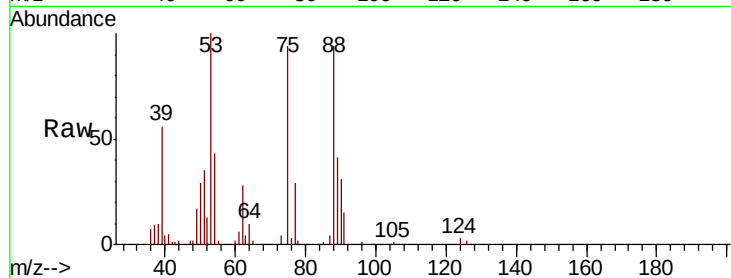
53 106.3 48.3 144.9

89 43.3 21.8 65.4

Manual Integrations
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#78

4-Chlorotoluene

Concen: 19.615 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003721.D

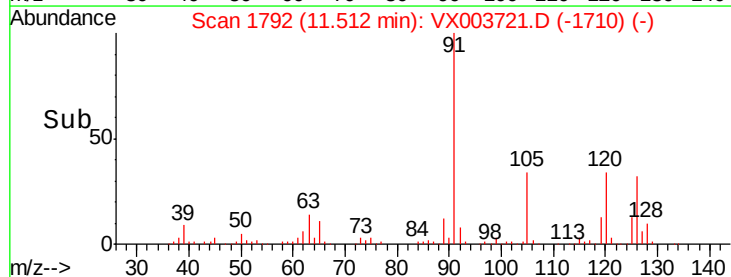
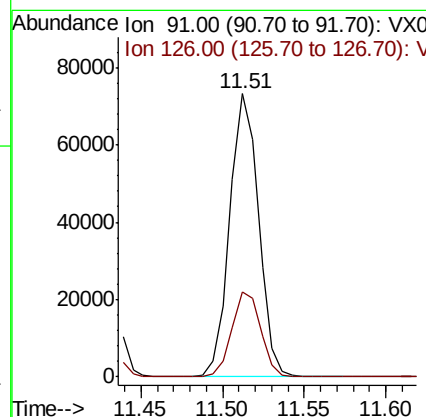
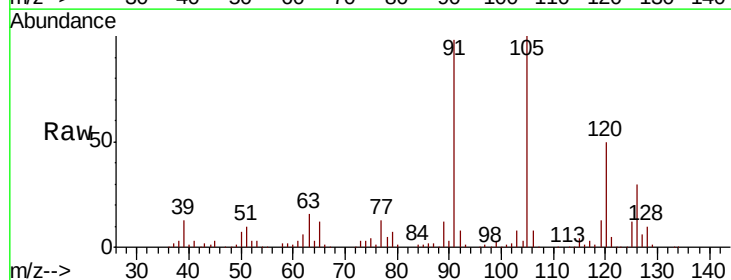
Acq: 27 Jul 2018 19:39

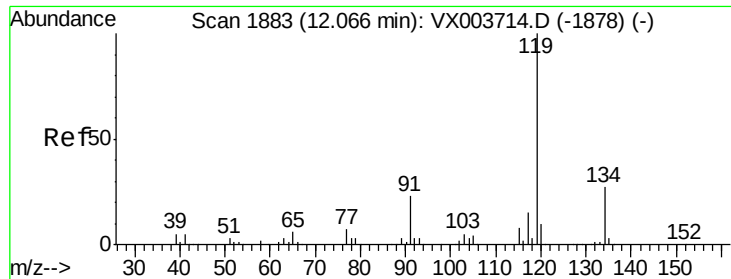
Tgt Ion: 91 Resp: 89946

Ion Ratio Lower Upper

91 100

126 30.2 0.0 61.0





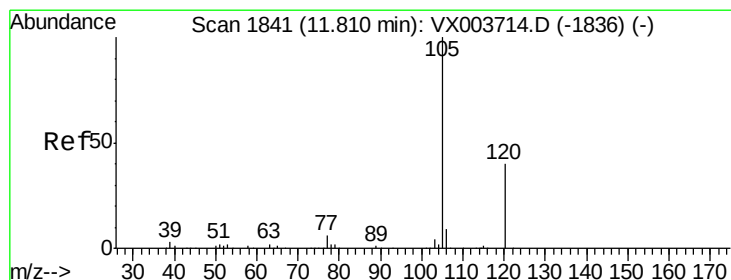
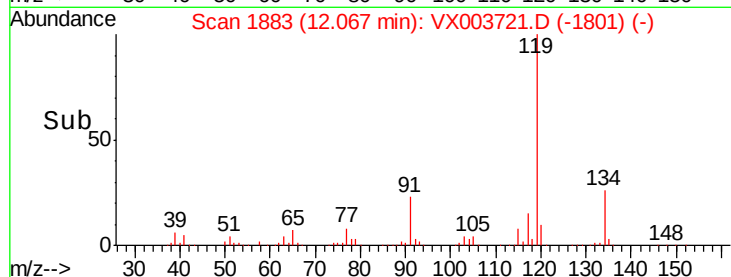
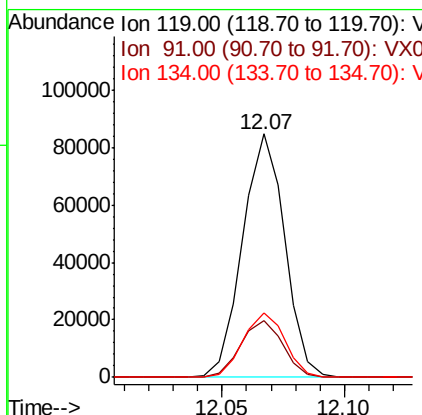
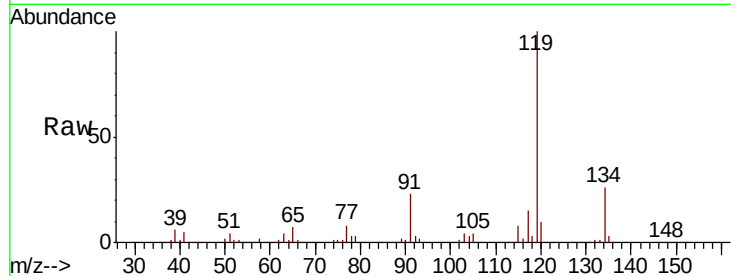
#79
tert-butylbenzene
Concen: 20.631 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Instrument :
MSVOA_X
ClientSampleId :
VX0727WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	101681		
91	23.4	0.0	48.0	
134	26.3	0.0	52.6	

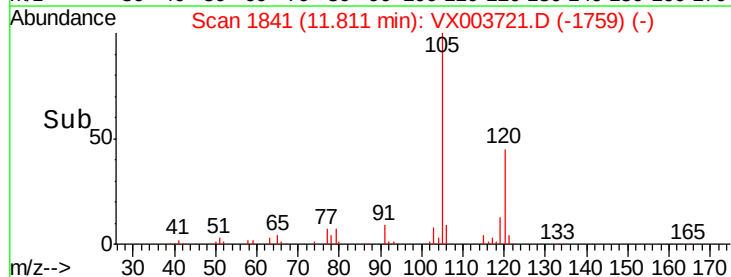
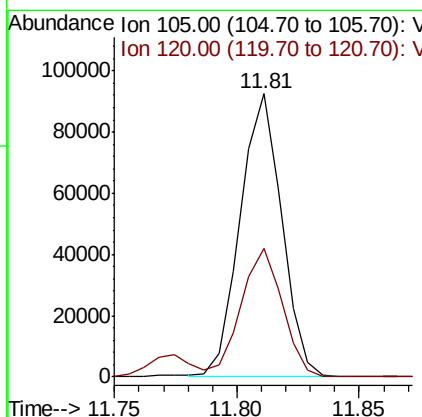
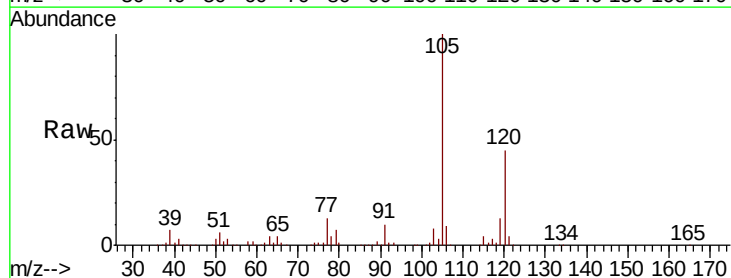
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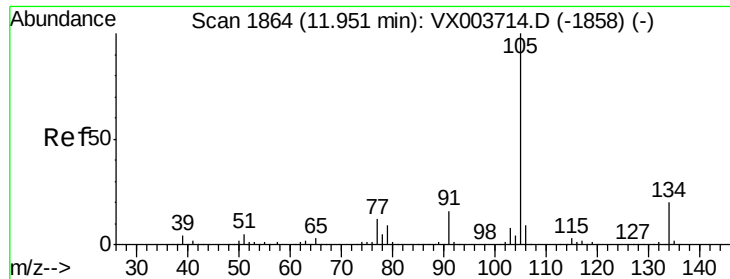
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#80
1,2,4-Trimethylbenzene
Concen: 22.270 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003721.D
Acq: 27 Jul 2018 19:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	109174		
120	45.4	0.0	89.2	





#81

sec-Butylbenzene

Concen: 22.031 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

ClientSampleId :

VX0727WBS01

Tot Ion:105 Resp: 122900

Ion Ratio Lower Upper

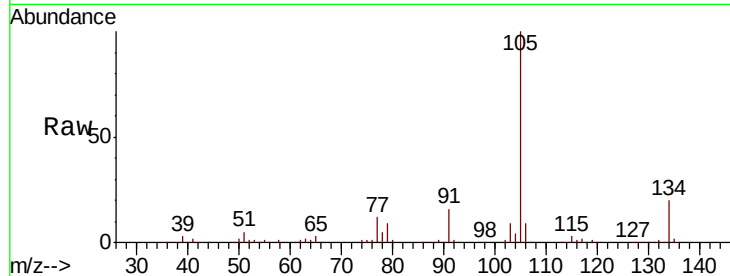
105 100

134 19.8 0.0 41.6

Manual Integrations
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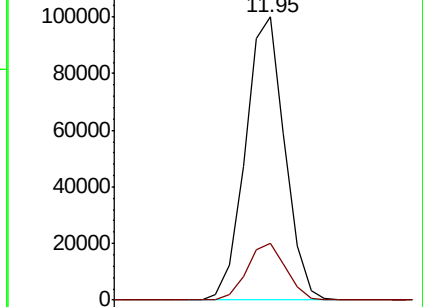
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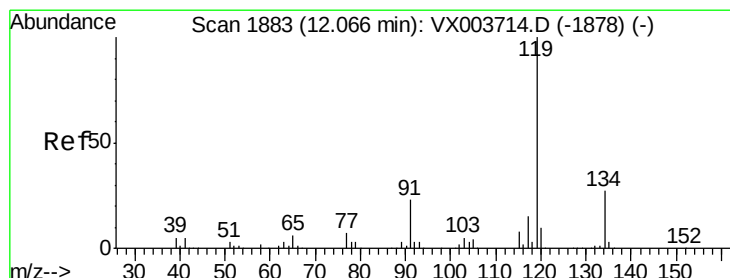
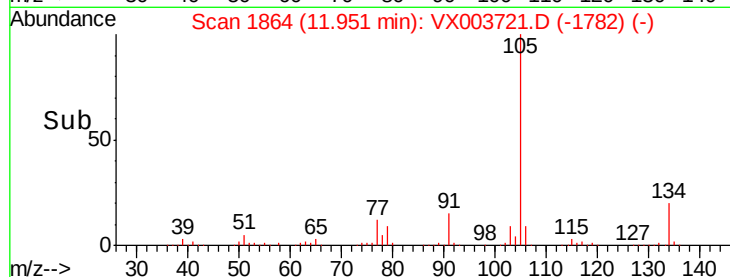


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#82

p-Isopropyltoluene

Concen: 20.631 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

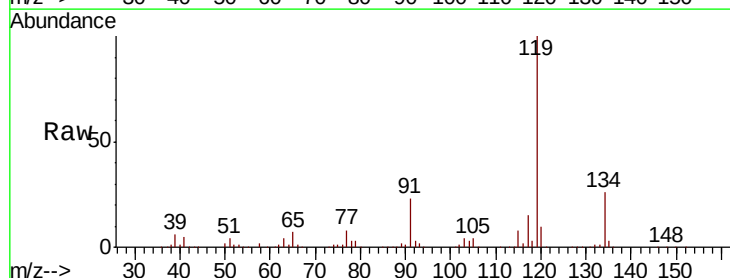
Tgt Ion:119 Resp: 101681

Ion Ratio Lower Upper

119 100

134 26.3 0.0 52.6

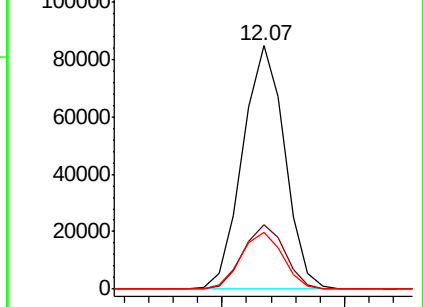
91 23.4 0.0 48.0



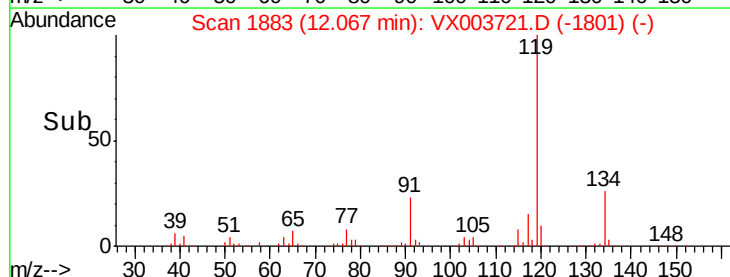
Abundance Ion 119.00 (118.70 to 119.70): V

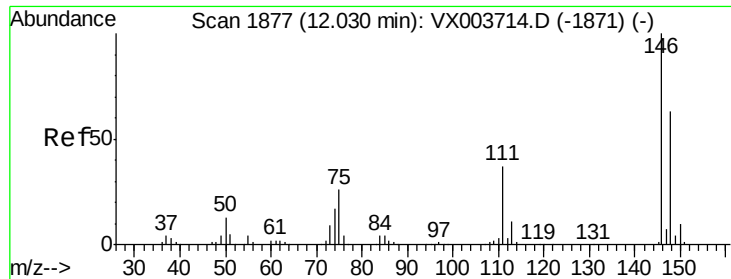
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0



Time-->





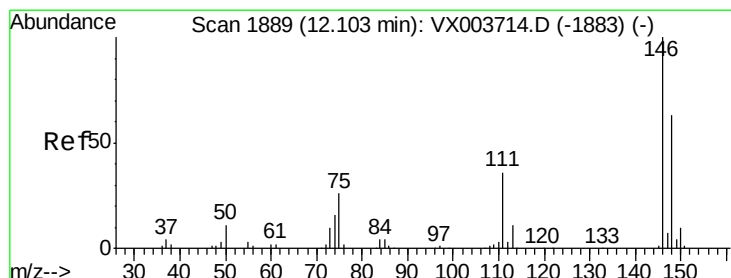
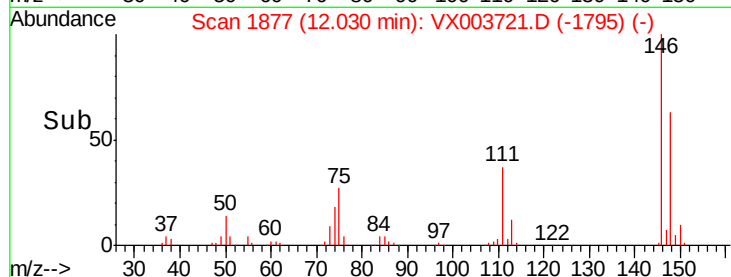
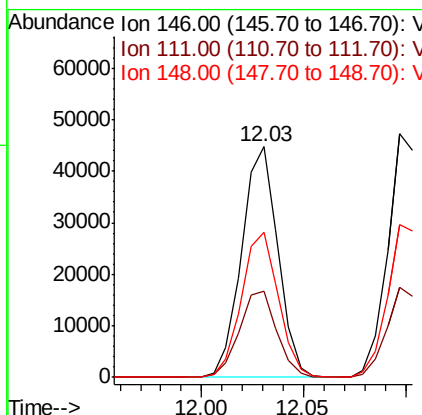
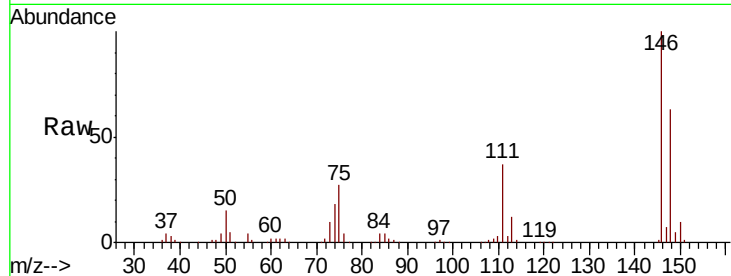
#83
 1,3-Dichlorobenzene
 Concen: 19.921 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.1	57.5
148	64.1	31.9	95.7

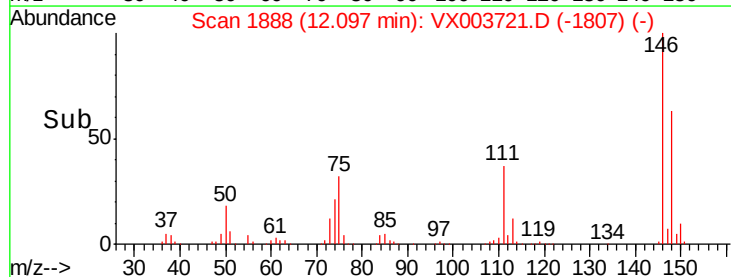
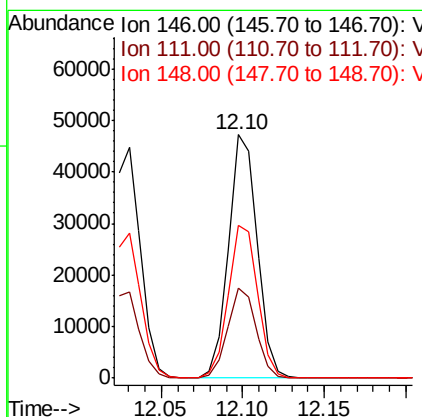
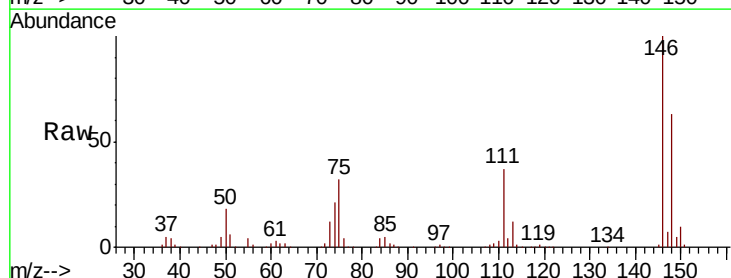
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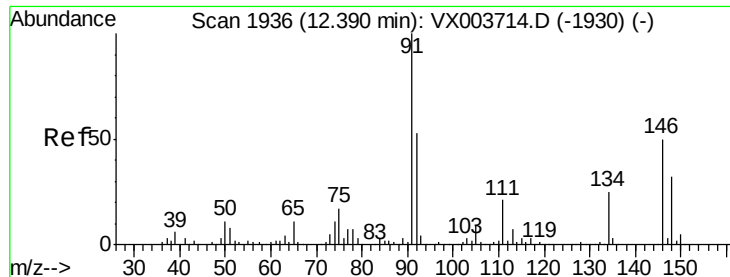
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#84
 1,4-Dichlorobenzene
 Concen: 20.639 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.5	55.5
148	64.1	32.0	96.0





#85

n-Butylbenzene

Concen: 21.092 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

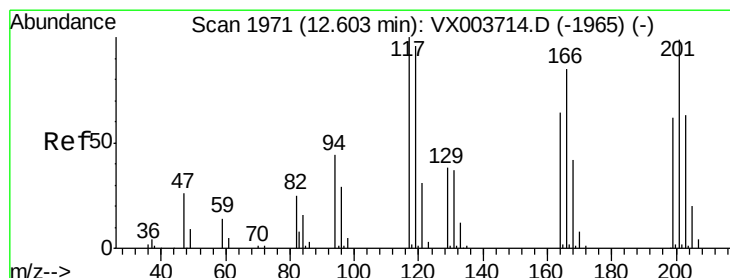
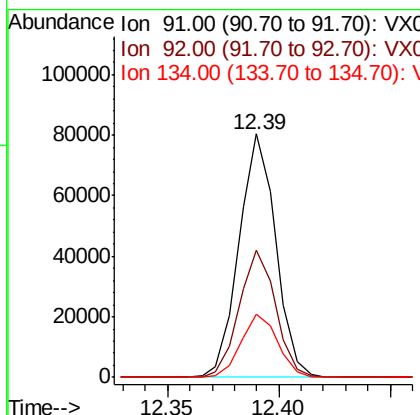
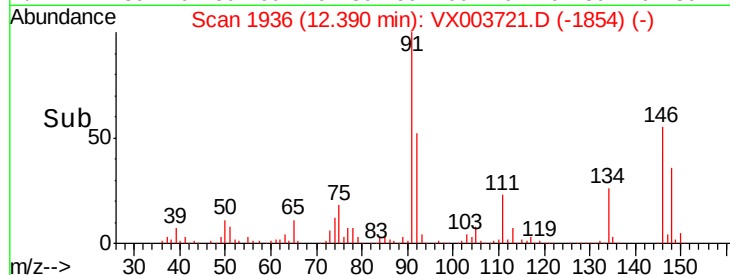
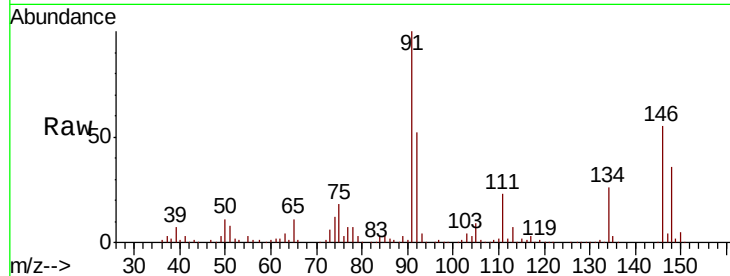
ClientSampleId :

VX0727WBS01

Tot Ion:	91	Resp:	92272
Ion	Ratio	Lower	Upper
91	100		
92	52.1	0.0	105.2
134	26.1	0.0	53.2

Manual Integrations
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#86

Hexachloroethane

Concen: 18.997 ug/l

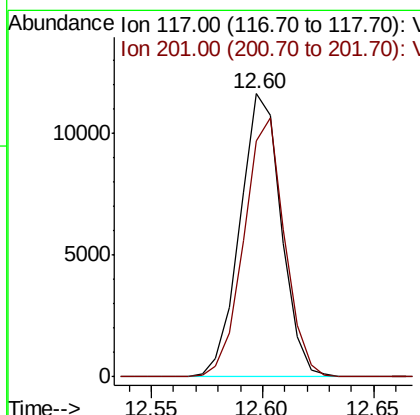
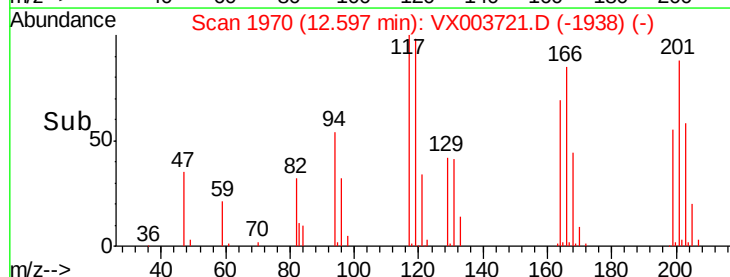
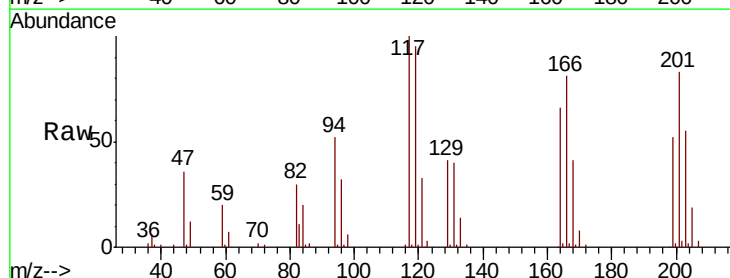
RT: 12.60 min Scan# 1970

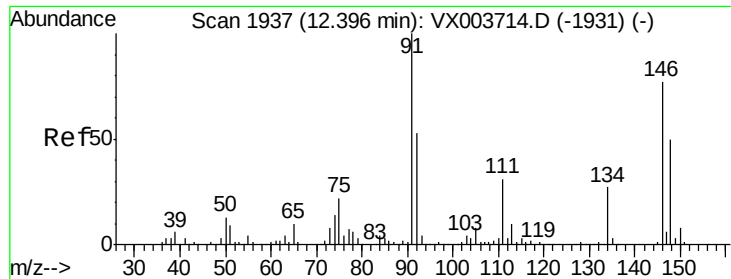
Delta R.T. -0.01 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Tgt Ion:	117	Resp:	15088
Ion	Ratio	Lower	Upper
117	100		
201	89.8	47.6	142.8





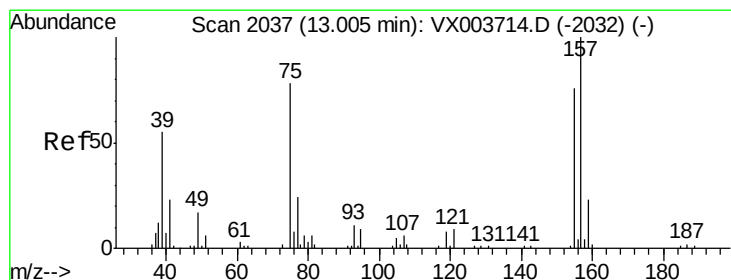
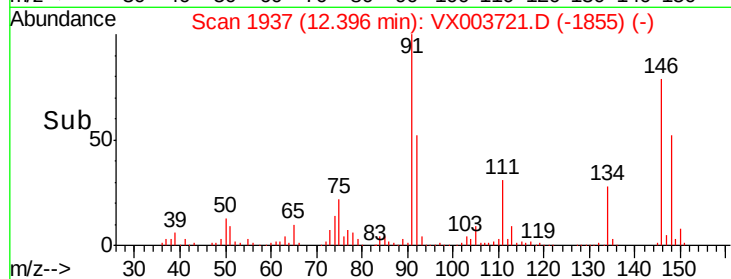
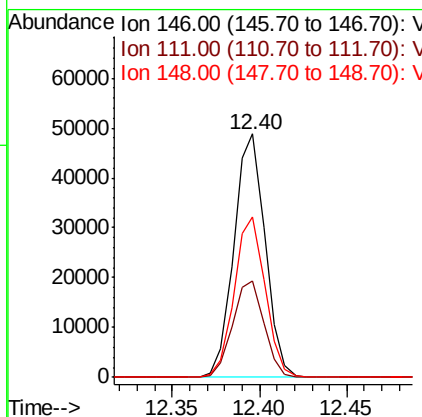
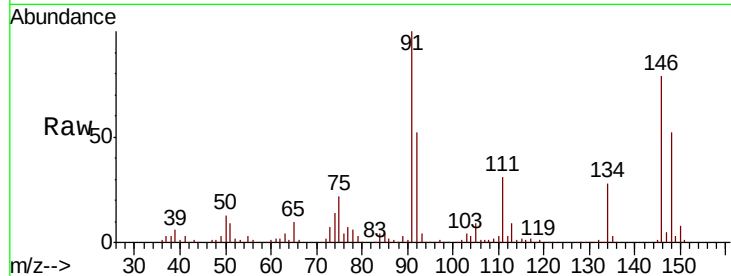
#87
 1,2-Dichlorobenzene
 Concen: 21.740 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	59.9
148	65.0	32.8	98.3

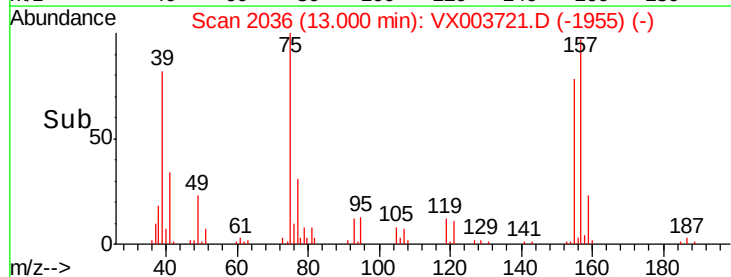
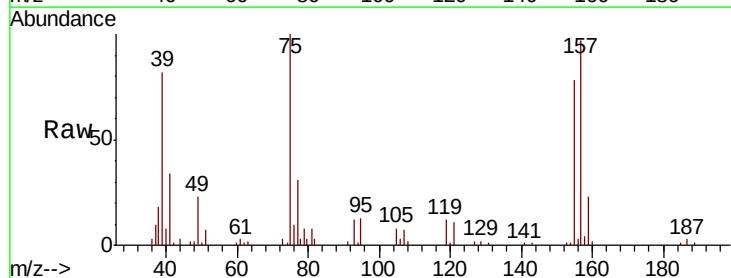
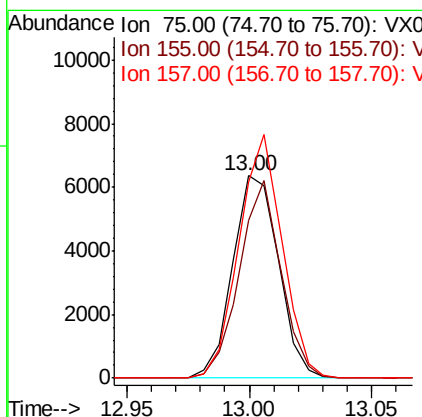
Manual Integrations
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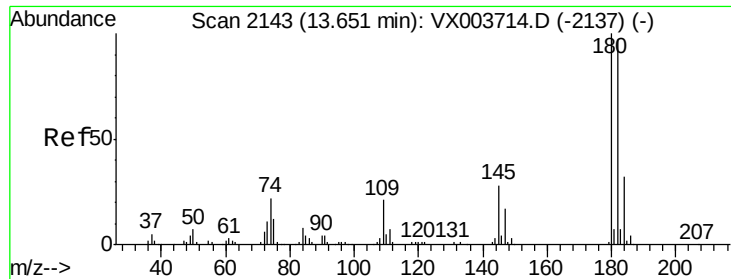
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.461 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.0	73.1	109.7
157	113.9	93.1	139.7





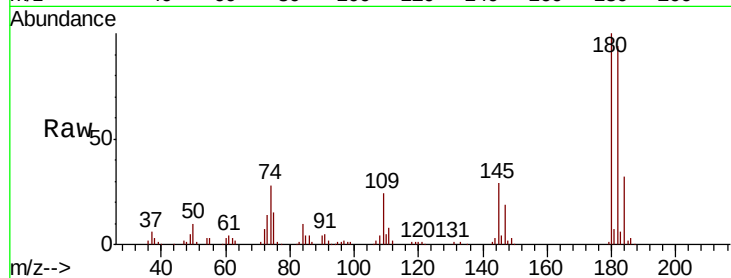
#89
 1,2,4-Trichlorobenzene
 Concen: 19.251 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0727WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.4	114.6
145	28.5	22.9	34.3

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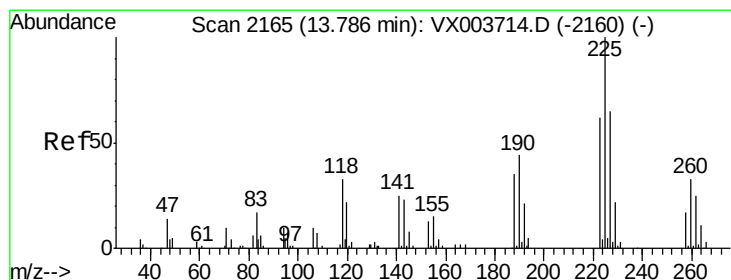
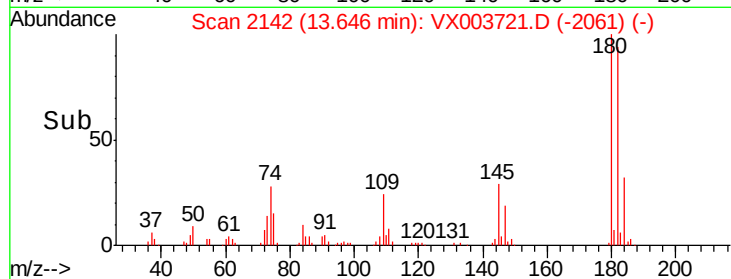
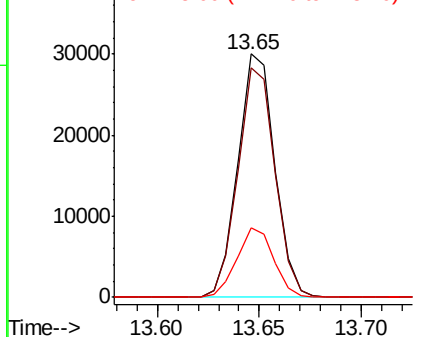


Abundance

Ion 180.00 (179.70 to 180.70): V

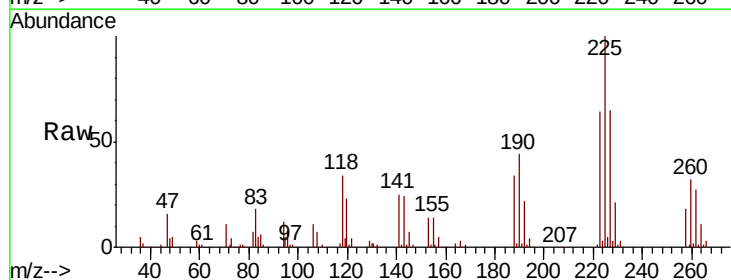
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90
 Hexachlorobutadiene
 Concen: 19.464 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003721.D
 Acq: 27 Jul 2018 19:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	0.0	122.4
227	64.3	0.0	128.0

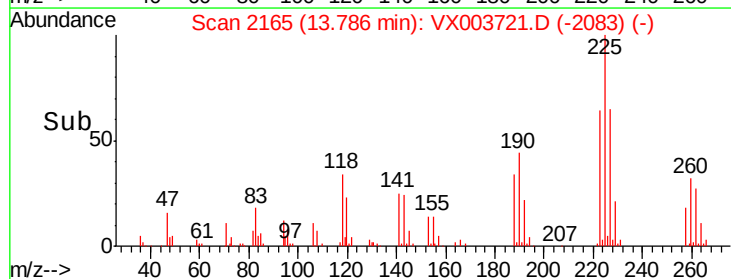
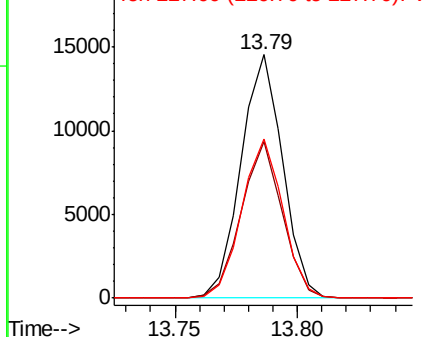


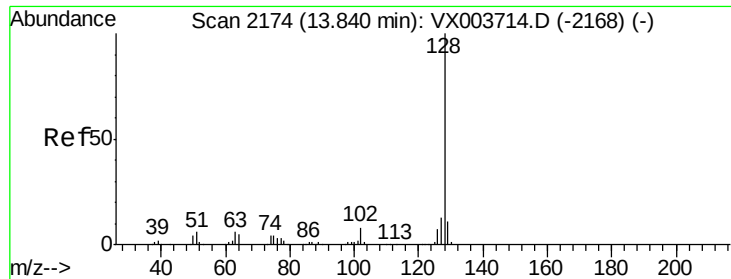
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 20.103 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Instrument :

MSVOA_X

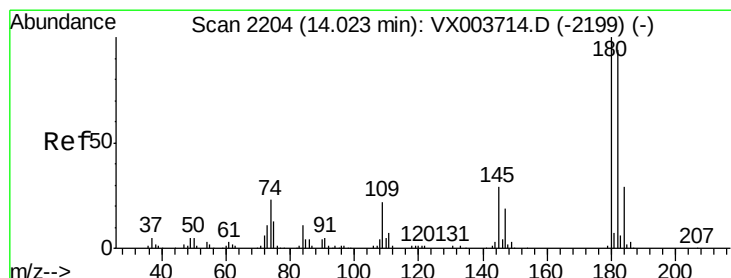
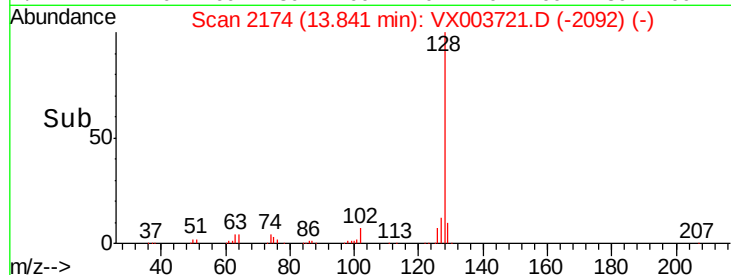
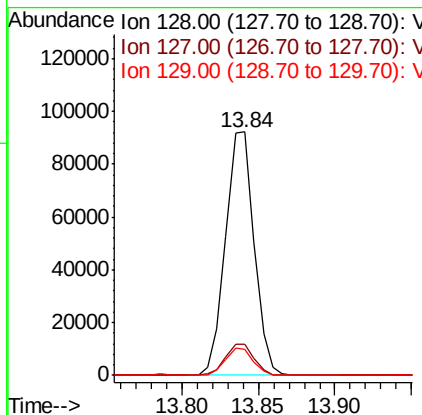
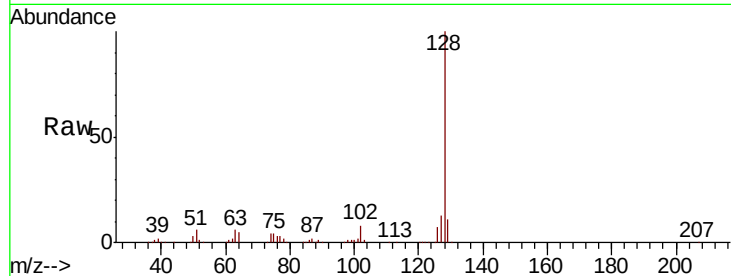
ClientSampleId :

VX0727WBS01

Tot Ion:	128	Resp:	120320
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.8	8.9	13.3

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#92

1,2,3-Trichlorobenzene

Concen: 20.339 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003721.D

Acq: 27 Jul 2018 19:39

Tgt Ion:	180	Resp:	40562
Ion	Ratio	Lower	Upper
180	100		
182	95.3	0.0	191.0
145	30.2	0.0	60.6

