

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072519\
 Data File : VX011068.D
 Acq On : 25 Jul 2019 11:22
 Operator : JC/SP
 Sample : VX0725WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/26/2019 9:49:21 AM

Quant Time: Jul 26 01:43:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	149400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	257075	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246991	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	124500	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	107041	67.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	134.70%	
35) Dibromofluoromethane	5.49	113	90904	55.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.42%	
50) Toluene-d8	8.71	98	317277	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
62) 4-Bromofluorobenzene	11.13	95	122498	54.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	26383	16.926	ug/l	99
3) Chloromethane	1.33	50	32560	23.699	ug/l	99
4) Vinyl Chloride	1.41	62	29481	21.038	ug/l	99
5) Bromomethane	1.64	94	20172	25.544	ug/l	95
6) Chloroethane	1.72	64	21452	24.089	ug/l	98
7) Trichlorofluoromethane	1.93	101	46305	19.520	ug/l	96
8) Diethyl Ether	2.19	74	21873	26.762	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	23819	17.586	ug/l	99
10) Methyl Iodide	2.51	142	36957	20.793	ug/l	100
11) Tert butyl alcohol	3.04	59	53088	143.421	ug/l	99
12) 1,1-Dichloroethene	2.37	96	27900	20.966	ug/l	96
13) Acrolein	2.29	56	20279	94.823	ug/l	98
14) Allyl chloride	2.73	41	47512	24.580	ug/l	100
15) Acrylonitrile	3.14	53	105288	140.766	ug/l	99
16) Acetone	2.45	43	90909	126.642	ug/l	96
17) Carbon Disulfide	2.57	76	61182	17.923	ug/l	100
18) Methyl Acetate	2.78	43	50259	30.748	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	119736	27.950	ug/l	98
20) Methylene Chloride	2.85	84	38896	25.568	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	31854	22.560	ug/l	99
22) Diisopropyl ether	3.85	45	111171	27.270	ug/l	99
23) Vinyl Acetate	3.81	43	483595	140.002	ug/l	99
24) 1,1-Dichloroethane	3.70	63	59694	25.213	ug/l	98
25) 2-Butanone	4.67	43	143207	138.974	ug/l	97
26) 2,2-Dichloropropane	4.59	77	41812	21.508	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	42100	25.763	ug/l	95
28) Bromochloromethane	5.02	49	29492	26.434	ug/l	97
29) Tetrahydrofuran	5.13	42	91141	139.630	ug/l	100
30) Chloroform	5.21	83	66275	25.898	ug/l	98
31) Cyclohexane	5.57	56	36838	17.070	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	50685	22.893	ug/l	99
36) 1,1-Dichloropropene	5.80	75	38580	18.270	ug/l	100
37) Ethyl Acetate	4.83	43	53108	24.561	ug/l	97
38) Carbon Tetrachloride	5.79	117	40498	18.405	ug/l	95

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 Misc : 5.0mL/MSVOA X/WATER
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Manual Integrations
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MMDadoda
 7/26/2019 9:49:21 AM

Quant Time: Jul 26 01:43:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	37976	13.868	ug/l	98
40) Benzene	6.14	78	139601	21.582	ug/l	98
41) Methacrylonitrile	5.04	41	27790	22.640	ug/l	97
42) 1,2-Dichloroethane	6.19	62	54207	24.102	ug/l	100
43) Isopropyl Acetate	6.45	43	84783	23.846	ug/l	100
44) Trichloroethene	7.21	130	38322	20.015	ug/l	96
45) 1,2-Dichloropropane	7.51	63	36880	22.401	ug/l	100
46) Dibromomethane	7.66	93	27789	23.622	ug/l	99
47) Bromodichloromethane	7.90	83	48922	23.362	ug/l	95
48) Methyl methacrylate	7.77	41	42382	24.470	ug/l	96
49) 1,4-Dioxane	7.74	88	23699	489.159	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	289159	125.462	ug/l	100
52) Toluene	8.78	92	90552	21.310	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	51686	22.954	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	56411	22.514	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	42183	24.110	ug/l	99
56) Ethyl methacrylate	9.18	69	62867	24.564	ug/l	99
57) 1,3-Dichloropropane	9.37	76	66498	23.959	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	148910	121.888	ug/l	100
59) 2-Hexanone	9.49	43	224454	125.562	ug/l	100
60) Dibromochloromethane	9.58	129	42151	22.403	ug/l	99
61) 1,2-Dibromoethane	9.67	107	45091	24.284	ug/l	99
64) Tetrachloroethene	9.34	164	35153	18.092	ug/l	96
65) Chlorobenzene	10.13	112	104608	20.621	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	38882	21.808	ug/l	99
67) Ethyl Benzene	10.25	91	168713	19.539	ug/l	98
68) m/p-Xylenes	10.36	106	131602	39.732	ug/l	97
69) o-Xylene	10.69	106	66652	20.619	ug/l	99
70) Styrene	10.71	104	113482	21.059	ug/l	99
71) Bromoform	10.85	173	30238	20.226	ug/l #	96
73) Isopropylbenzene	11.02	105	163384	19.422	ug/l	99
74) N-amyl acetate	10.90	43	75225	23.403	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	65991	23.970	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	55992m	24.922	ug/l	
77) Bromobenzene	11.26	156	50135	21.606	ug/l	97
78) n-propylbenzene	11.36	91	175719	18.905	ug/l	100
79) 2-Chlorotoluene	11.42	91	116688	20.898	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	141427	20.119	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	16940	21.562	ug/l	89
82) 4-Chlorotoluene	11.51	91	133705	20.573	ug/l	100
83) tert-Butylbenzene	11.77	119	133370	19.316	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	145335	20.513	ug/l	99
85) sec-Butylbenzene	11.94	105	145231	17.951	ug/l	99
86) p-Isopropyltoluene	12.06	119	138479	18.514	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	83688	20.782	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	84766	20.524	ug/l	97
89) n-Butylbenzene	12.38	91	109550	17.120	ug/l	100
90) Hexachloroethane	12.59	117	21580	18.292	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	87536	21.933	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	13680	23.772	ug/l	97

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

Manual Integrations
APPROVED

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 24 05:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	53701	19.854	ug/l	99
94) Hexachlorobutadiene	13.78	225	20810	15.526	ug/l	96
95) Naphthalene	13.83	128	173360	21.705	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	55721	20.705	ug/l	99

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

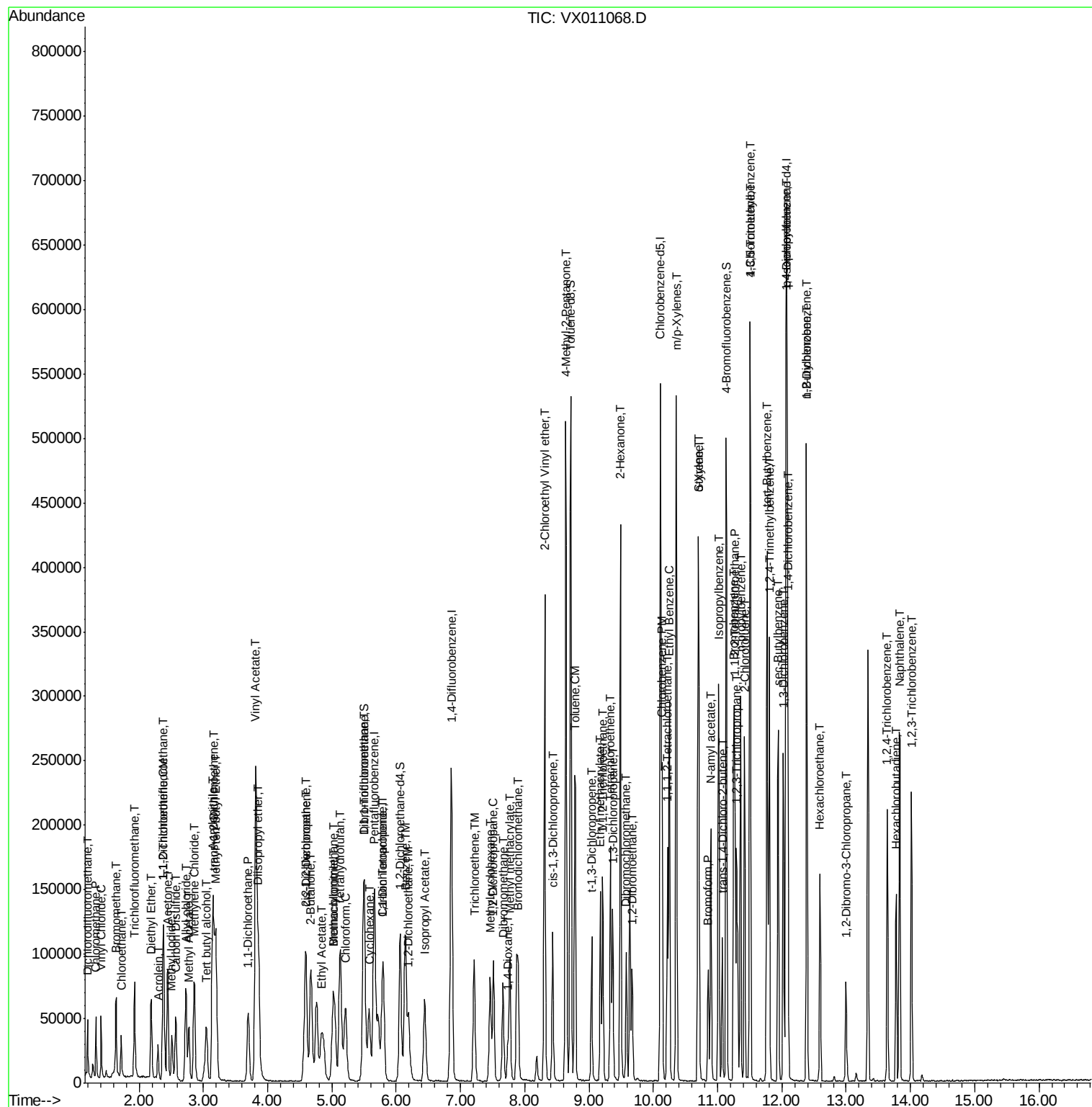
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Data File : VX011068.D
Acq On : 25 Jul 2019 11:22
Operator : JC/SP
Sample : VX0725WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

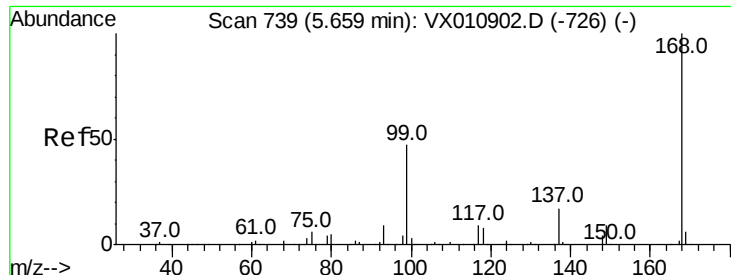
Instrument :
MSVOA_X
Client Sampled :
VX0725WBS01

Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS01

Tot Ion:168 Resp: 149400

Ion Ratio Lower Upper

168 100

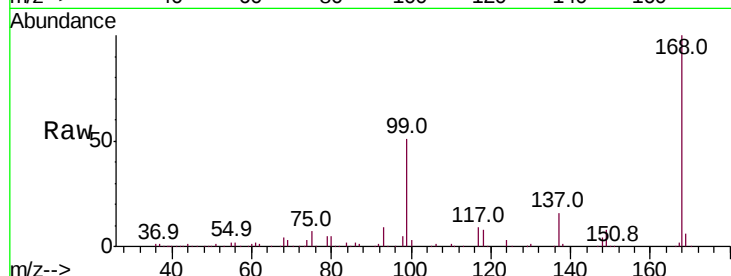
99 50.9 37.6 56.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

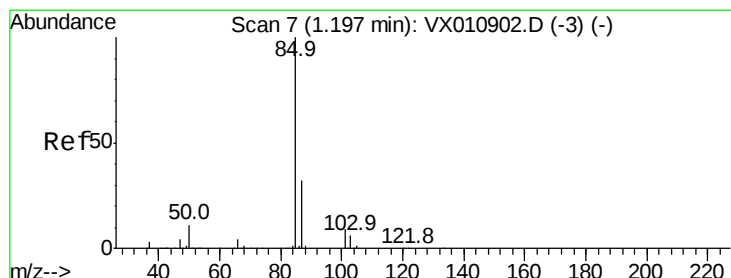
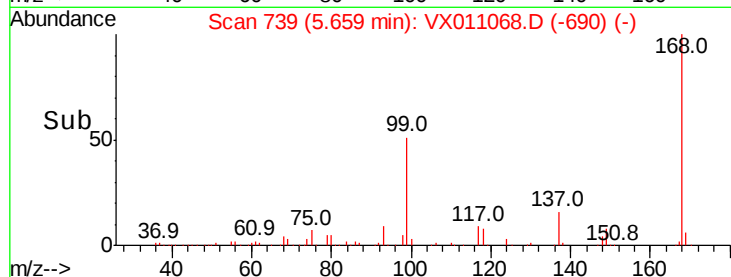
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 16.926 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX011068.D

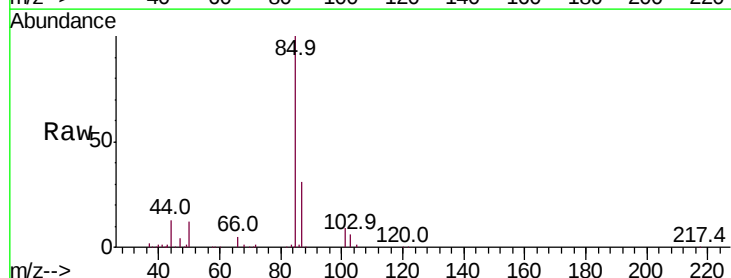
Acq: 25 Jul 2019 11:22

Tgt Ion: 85 Resp: 26383

Ion Ratio Lower Upper

85 100

87 31.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

30000

25000

20000

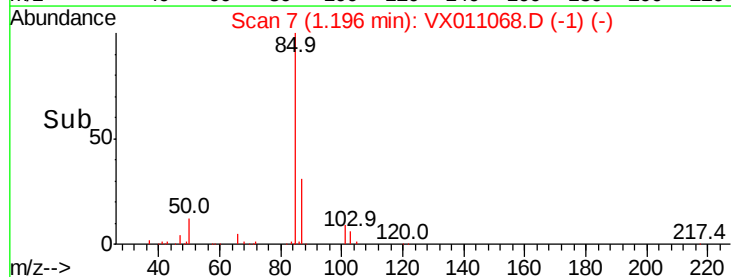
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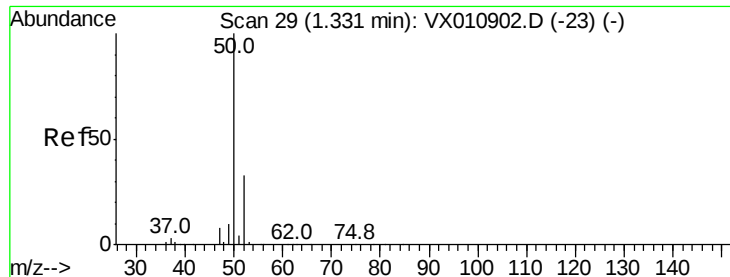
10000

5000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 23.699 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS01

Tot Ion: 50 Resp: 32560

Ion Ratio Lower Upper

50 100

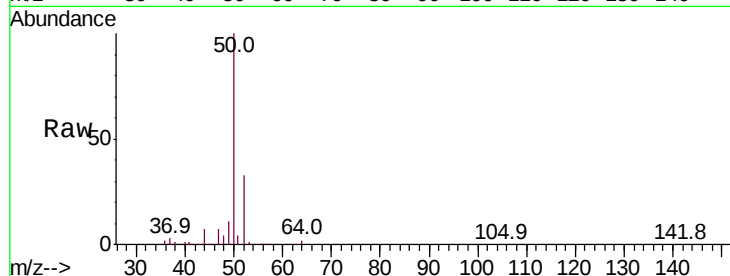
52 32.6 26.4 39.6

Manual Integrations

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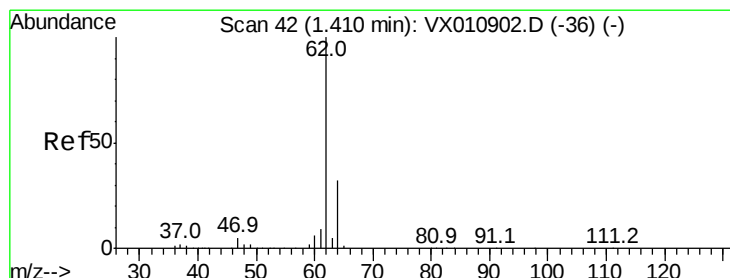
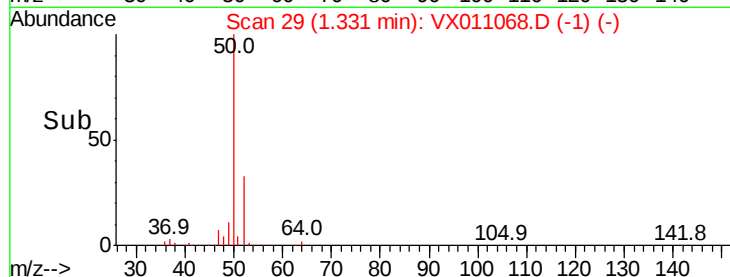
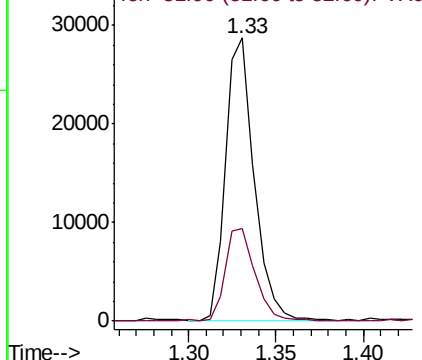
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.038 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX011068.D

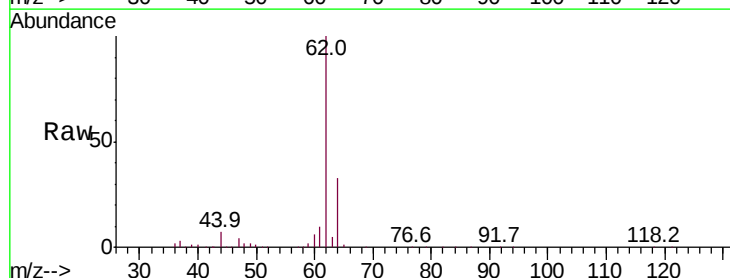
Acq: 25 Jul 2019 11:22

Tgt Ion: 62 Resp: 29481

Ion Ratio Lower Upper

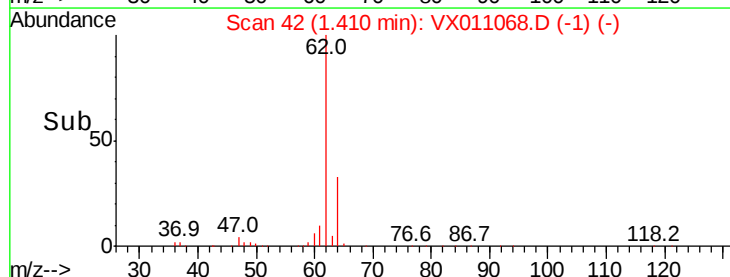
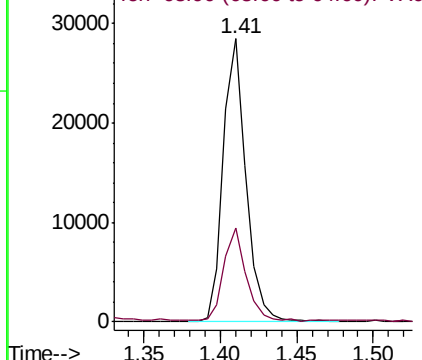
62 100

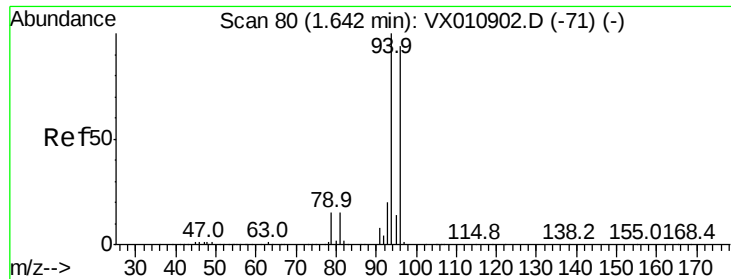
64 32.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 25.544 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS01

Tot Ion: 94 Resp: 20172

Ion Ratio Lower Upper

94 100

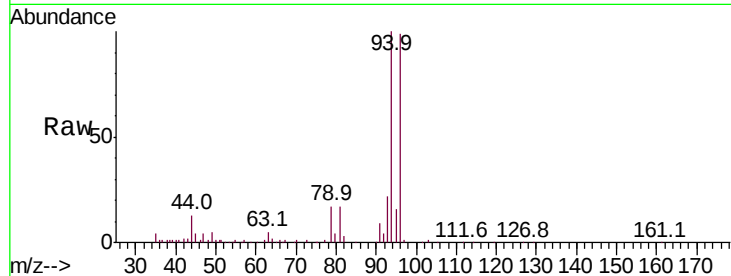
96 99.1 75.6 113.4

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

20000

15000

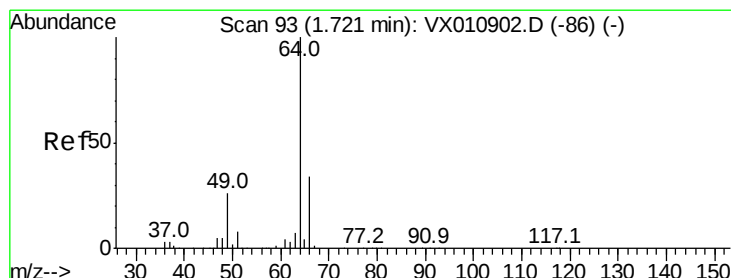
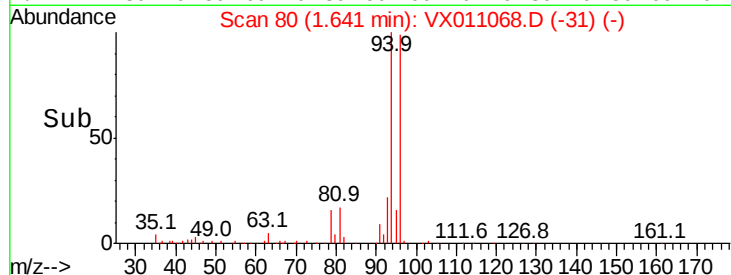
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5000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 24.089 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX011068.D

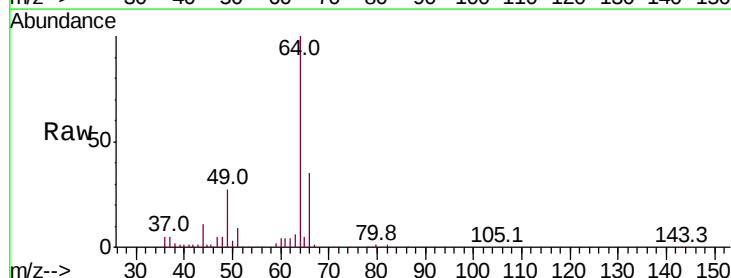
Acq: 25 Jul 2019 11:22

Tgt Ion: 64 Resp: 21452

Ion Ratio Lower Upper

64 100

66 34.9 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

15000

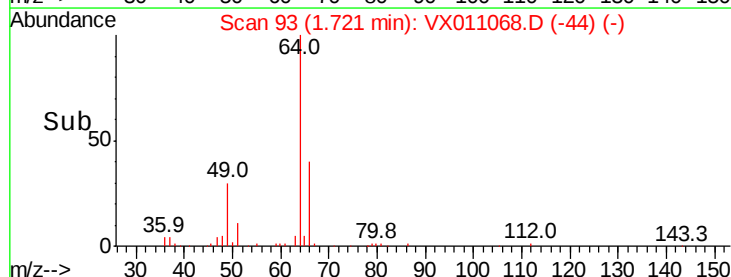
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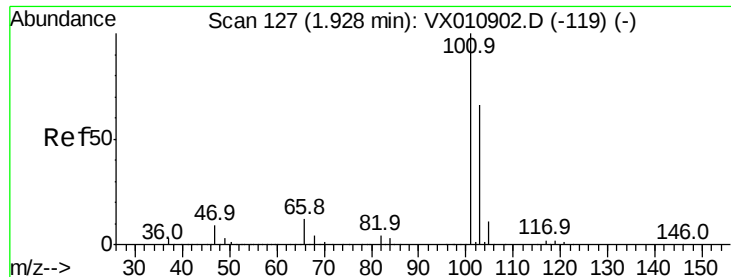
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0

Time-->

1.60 1.65 1.70 1.75 1.80





#7

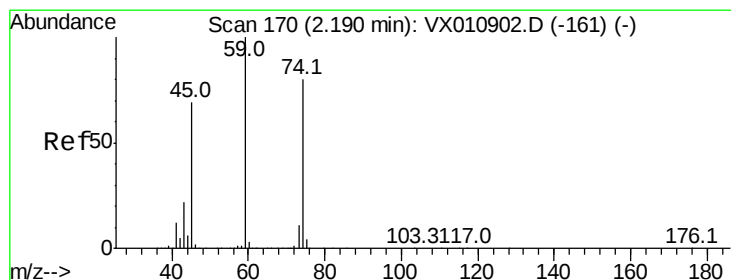
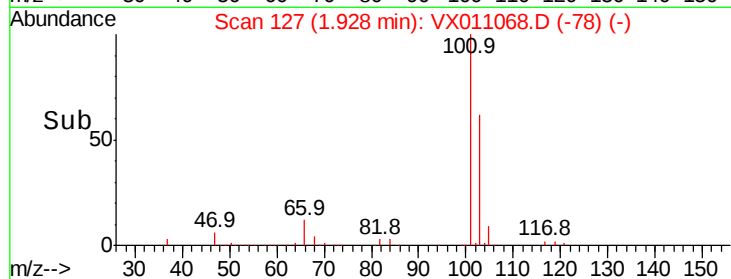
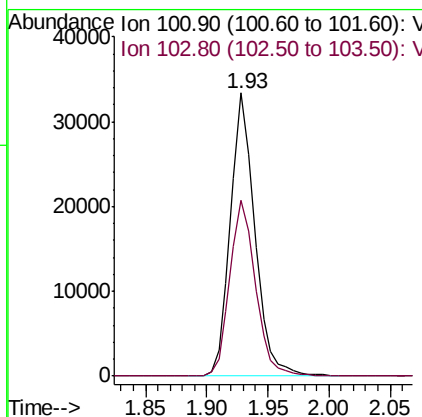
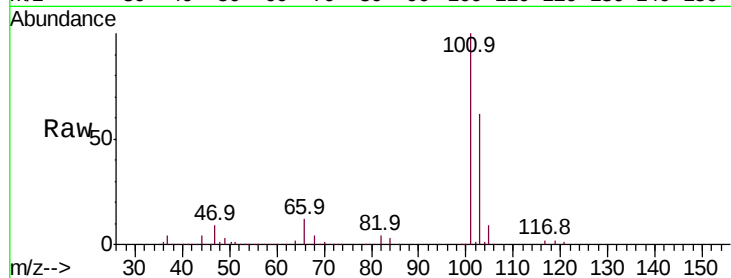
Trichlorofluoromethane
Concen: 19.520 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.2	52.6	78.8

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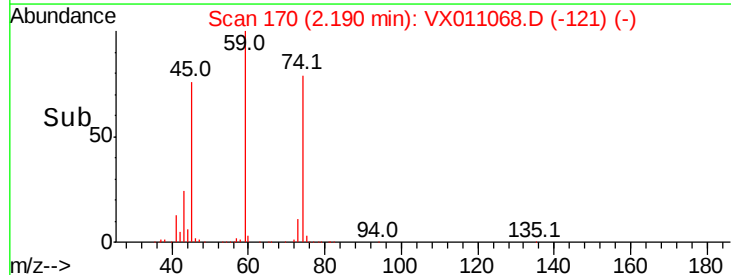
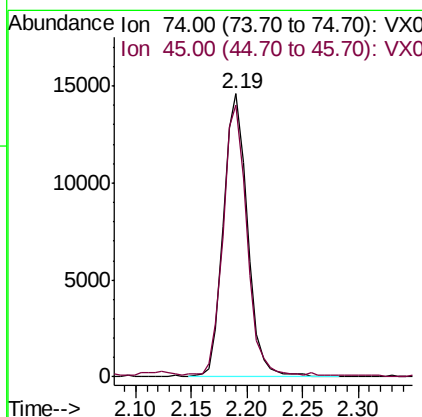
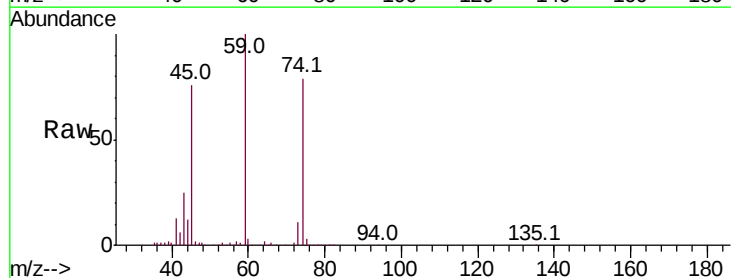
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7/26/2019 9:49:21 AM

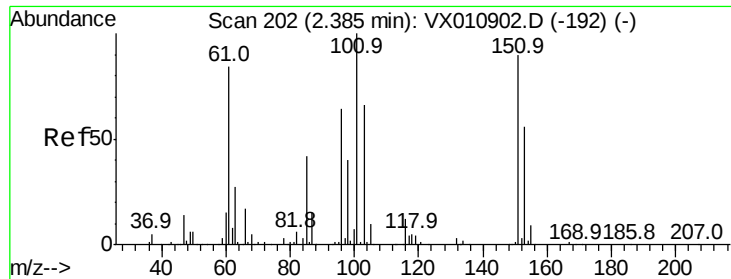


#8

Diethyl Ether
Concen: 26.762 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.0	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.586 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS01

Tot Ion:101 Resp: 23819

Ion Ratio Lower Upper

101 100

85 42.9 34.6 52.0

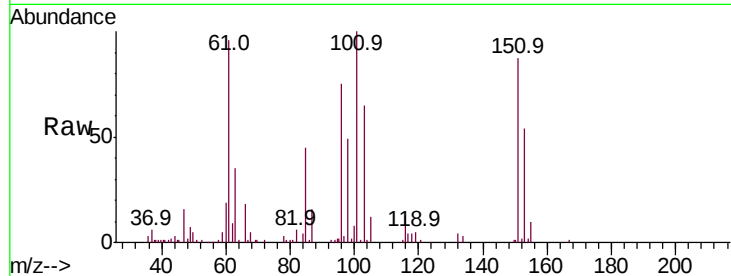
151 86.1 69.6 104.4

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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

15000

10000

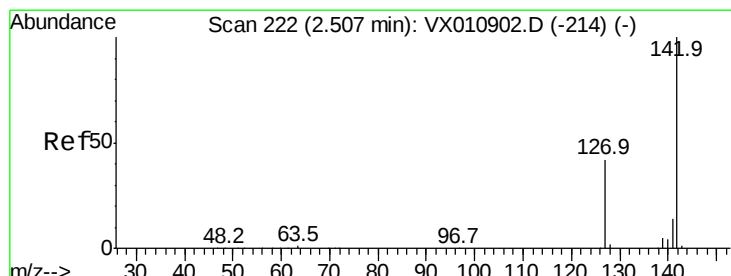
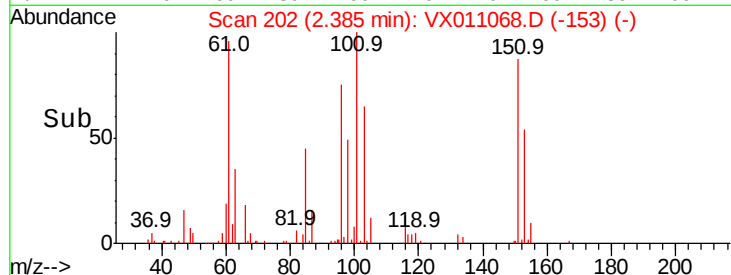
5000

0

2.39

2.30 2.35 2.40 2.45 2.50

Time-->



#10

Methyl Iodide

Concen: 20.793 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

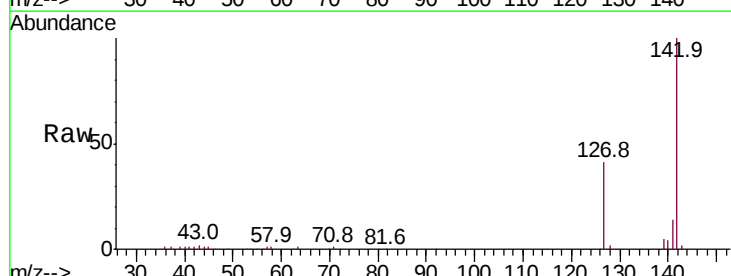
Tgt Ion:142 Resp: 36957

Ion Ratio Lower Upper

142 100

127 42.7 34.2 51.4

141 14.5 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

25000

20000

15000

10000

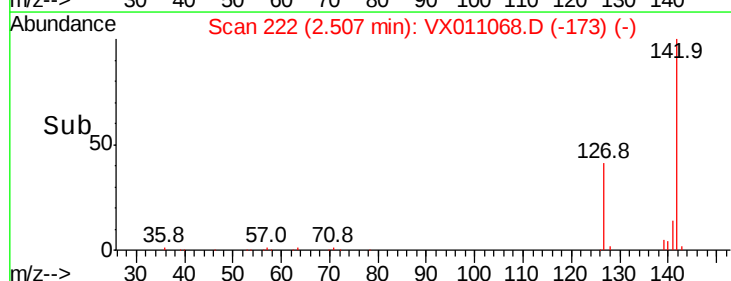
5000

0

2.51

2.40 2.50 2.60

Time-->





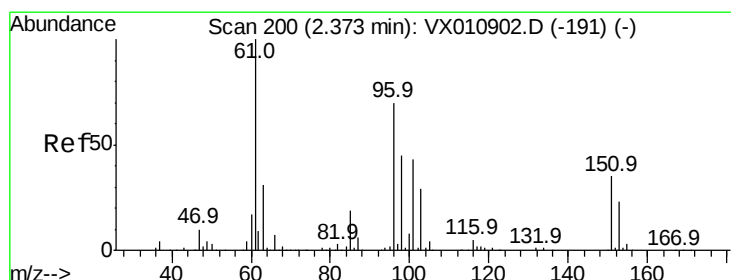
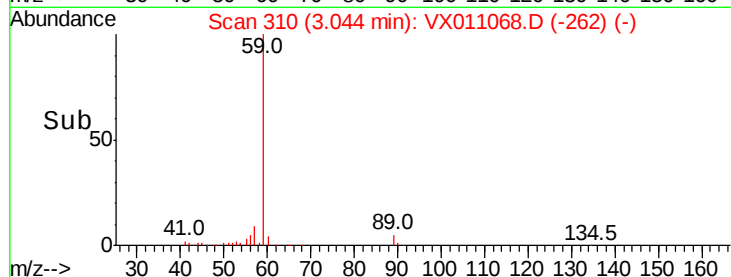
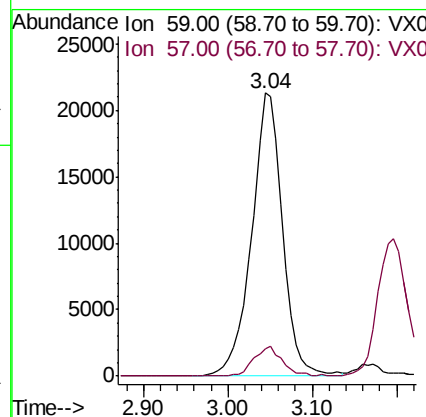
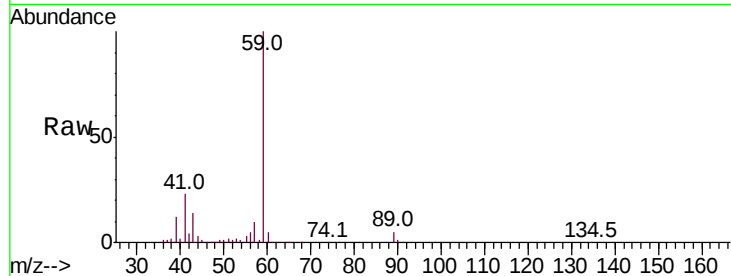
#11
Tert butyl alcohol
Concen: 143.421 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

Tot Ion: 59 Resp: 53088
Ion Ratio Lower Upper
59 100
57 9.7 7.9 11.9

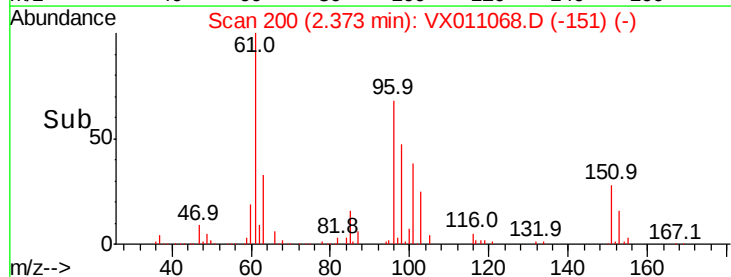
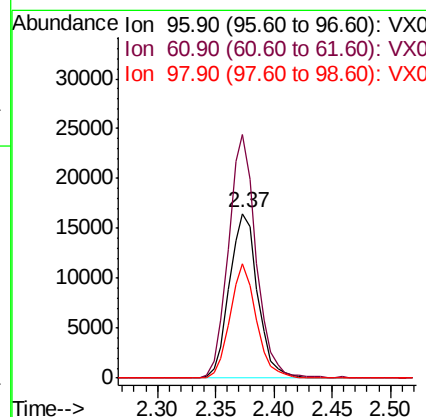
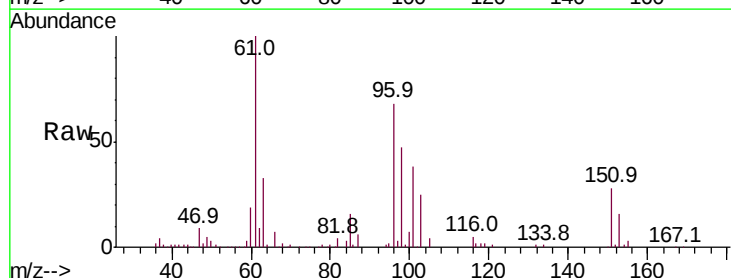
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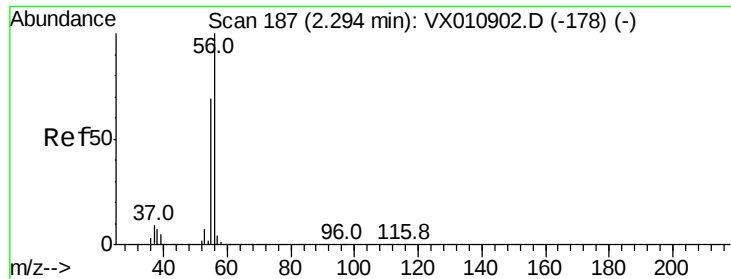
MMDadoda
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#12
1,1-Dichloroethene
Concen: 20.966 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Tgt Ion: 96 Resp: 27900
Ion Ratio Lower Upper
96 100
61 147.8 115.0 172.4
98 69.4 52.2 78.2





#13

Acrolein

Concen: 94.823 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS01

Tot Ion: 56 Resp: 20279

Ion Ratio Lower Upper

56 100

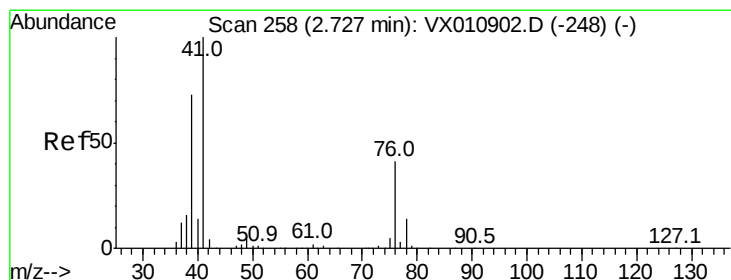
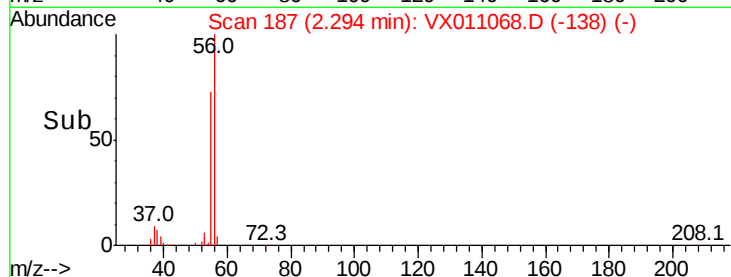
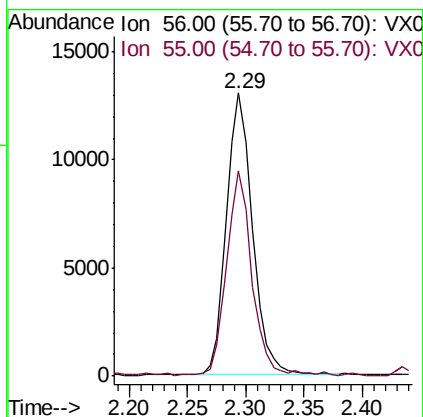
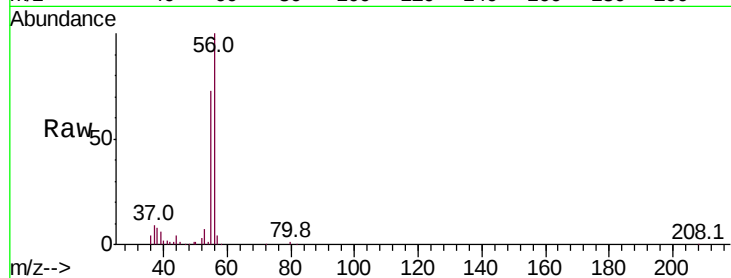
55 71.7 55.9 83.9

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#14

Allyl chloride

Concen: 24.580 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

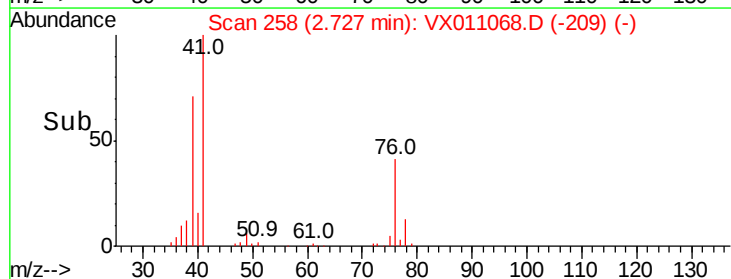
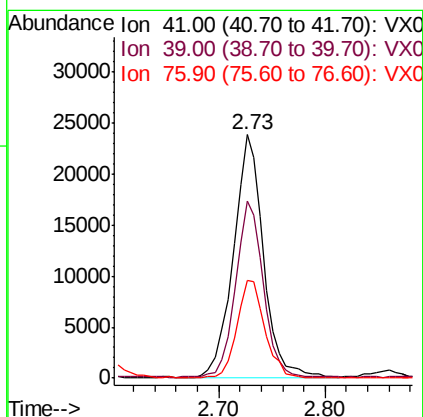
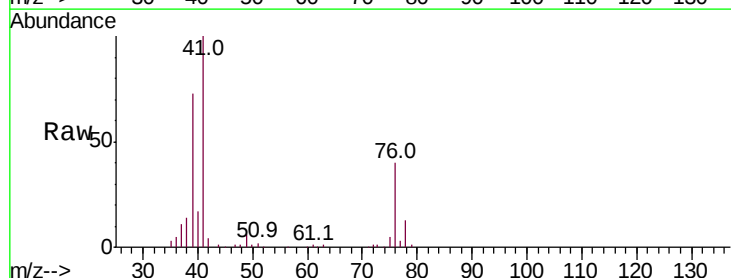
Tgt Ion: 41 Resp: 47512

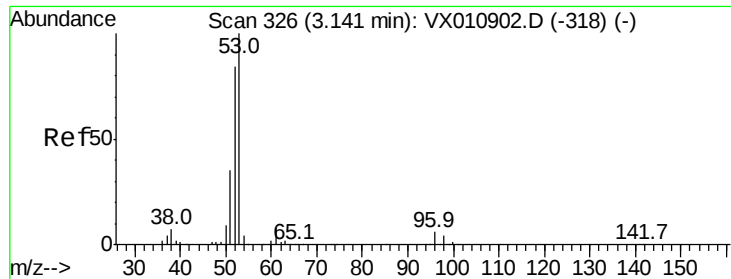
Ion Ratio Lower Upper

41 100

39 66.8 53.6 80.4

76 37.2 29.7 44.5





#15

Acrylonitrile

Concen: 140.766 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

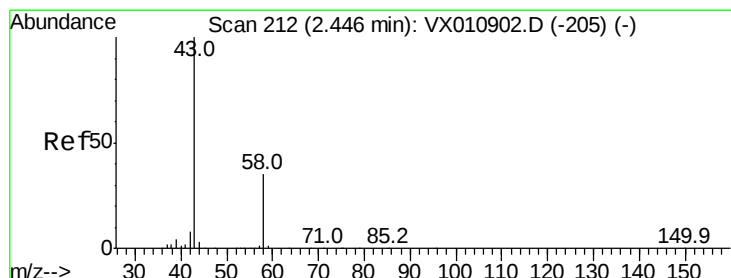
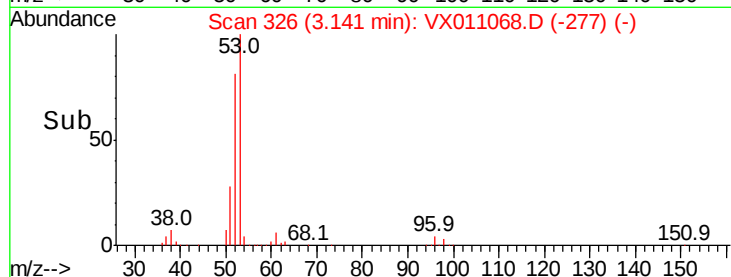
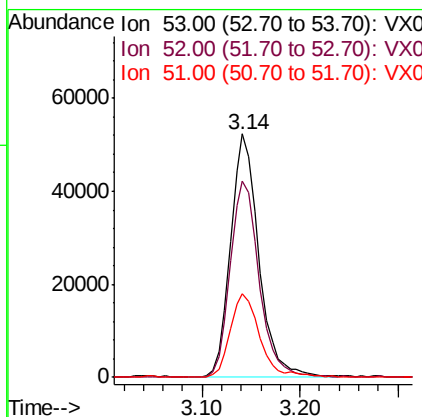
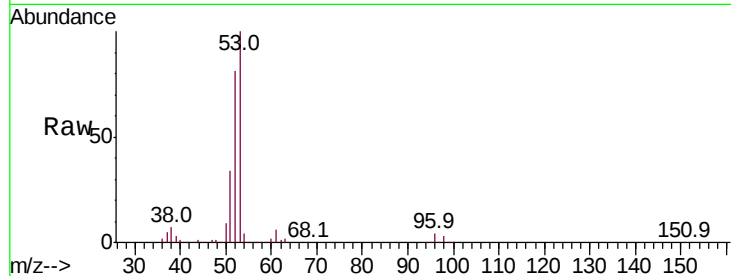
ClientSampleId :

VX0725WBS01

Tot Ion:	53	Resp:	105288
Ion Ratio	Lower	Upper	
53	100		
52	82.4	66.5	99.7
51	36.0	28.2	42.4

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#16

Acetone

Concen: 126.642 ug/l

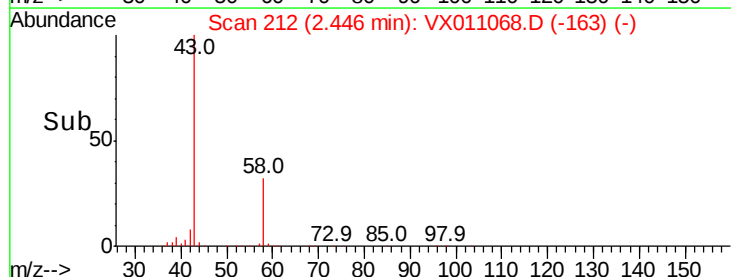
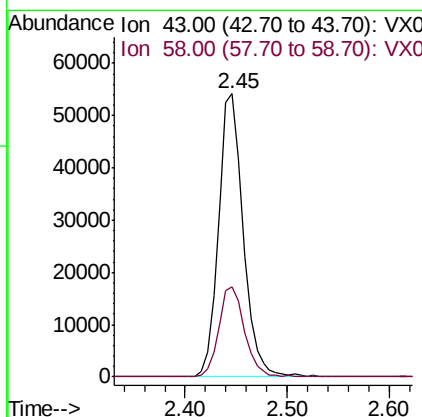
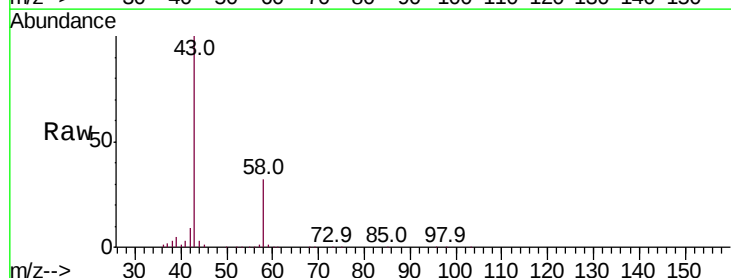
RT: 2.45 min Scan# 212

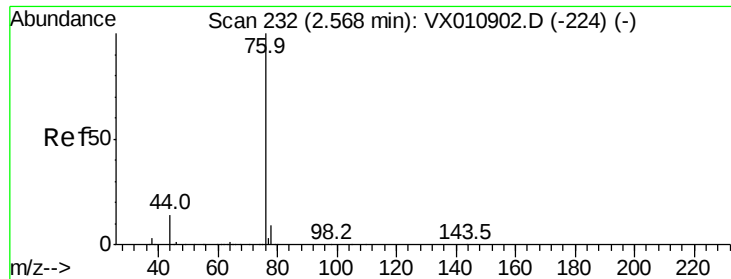
Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Tgt Ion:	43	Resp:	90909
Ion Ratio	Lower	Upper	
43	100		
58	32.1	27.7	41.5





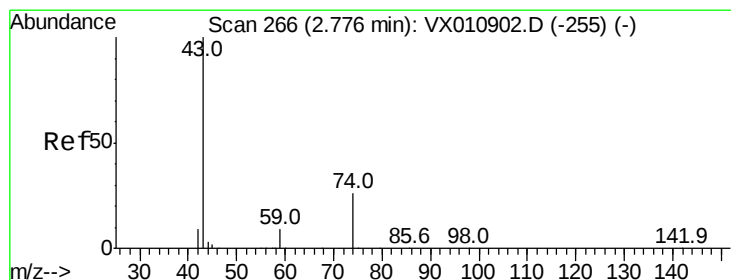
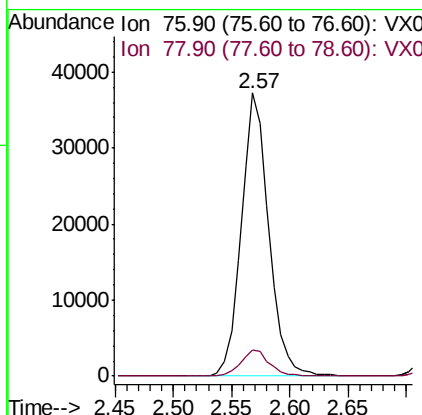
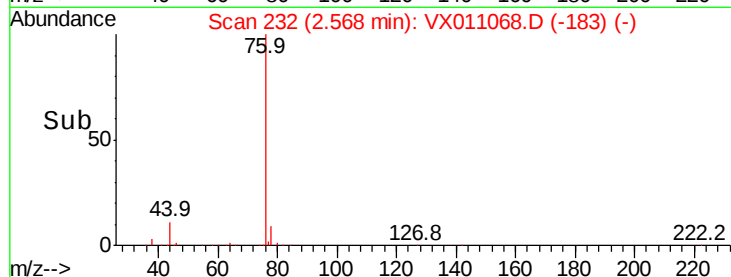
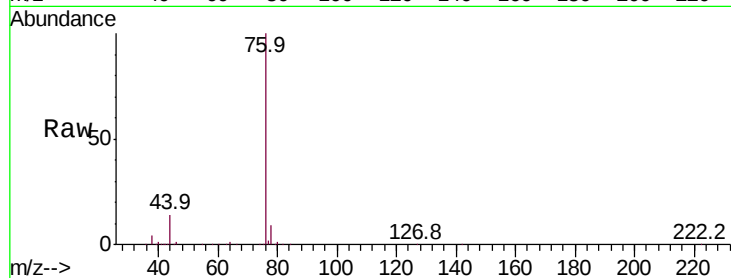
#17
Carbon Disulfide
Concen: 17.923 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.0

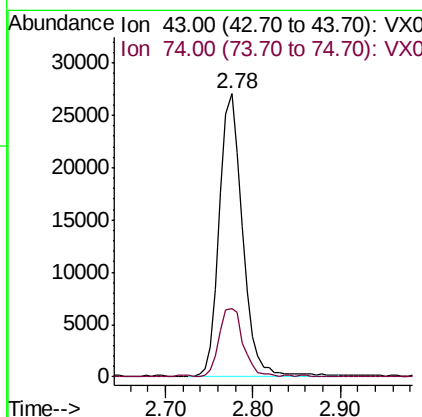
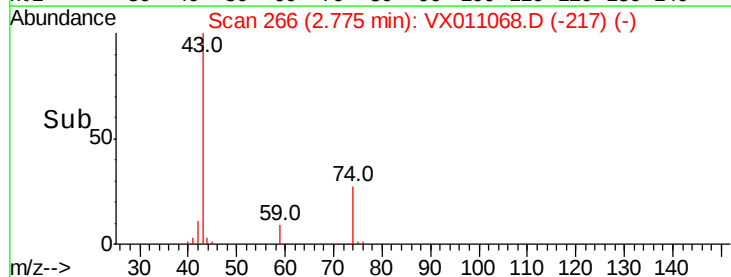
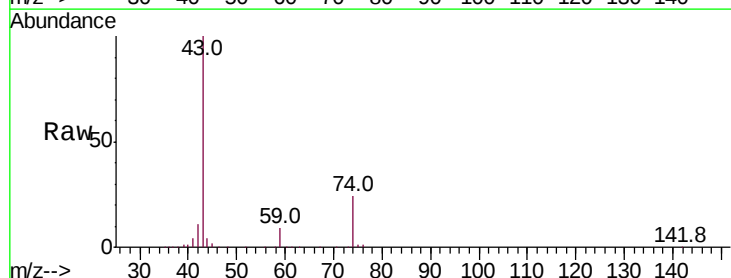
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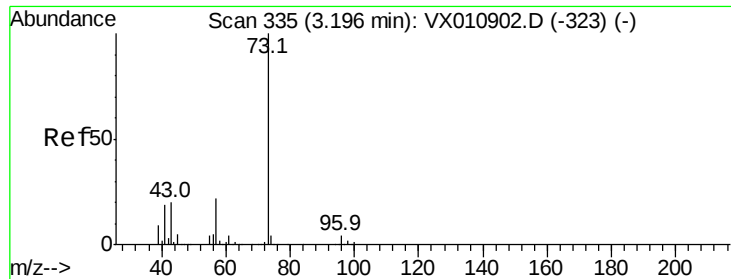
MMDadoda
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#18
Methyl Acetate
Concen: 30.748 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.2	21.5	32.3





#19

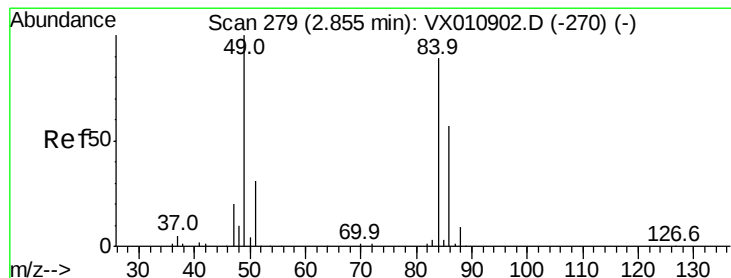
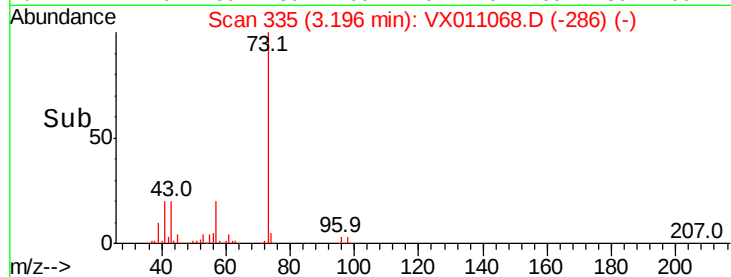
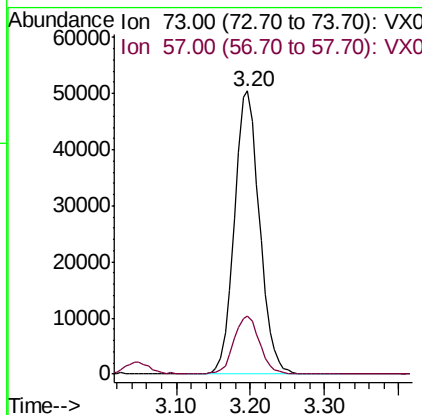
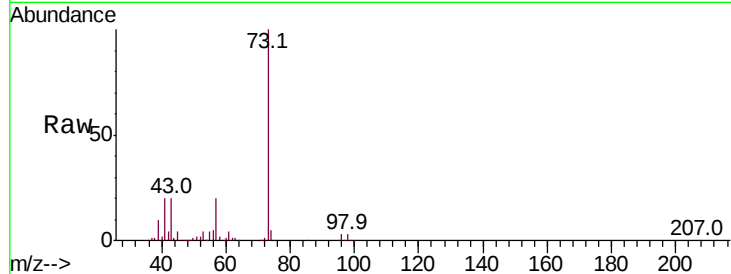
Methyl tert-butyl Ether
 Concen: 27.950 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.5	17.3	25.9

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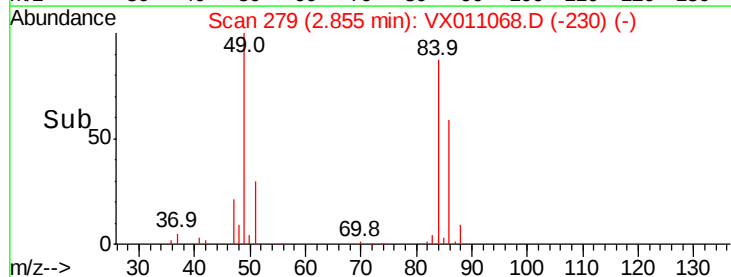
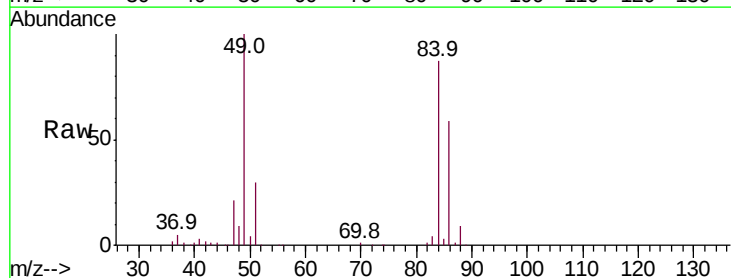
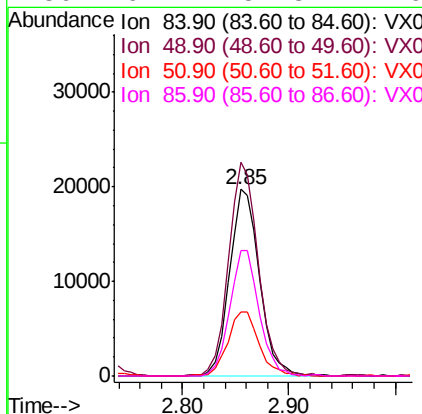
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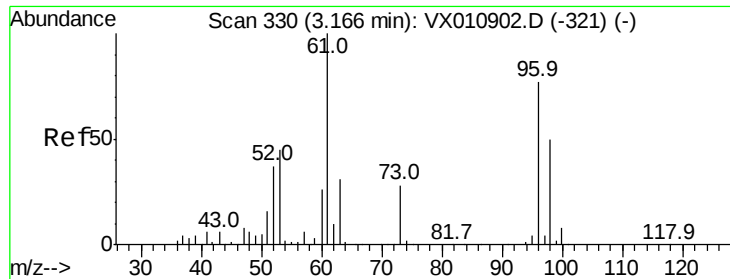


#20

Methylene Chloride
 Concen: 25.568 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.0	89.9	134.9
51	34.2	27.8	41.6
86	67.4	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 22.560 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS01

Tot Ion: 96 Resp: 31854

Ion Ratio Lower Upper

96 100

61 132.4 104.2 156.2

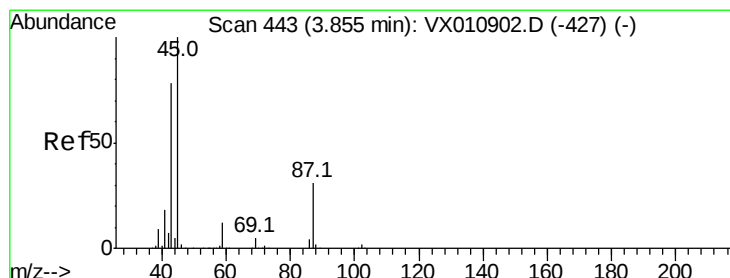
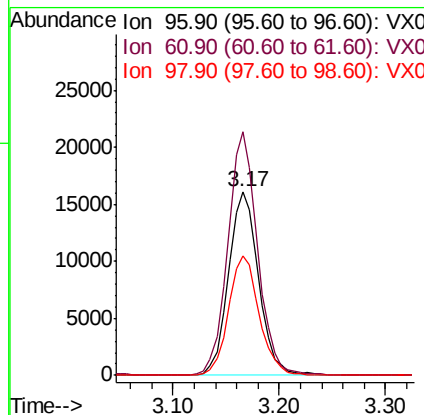
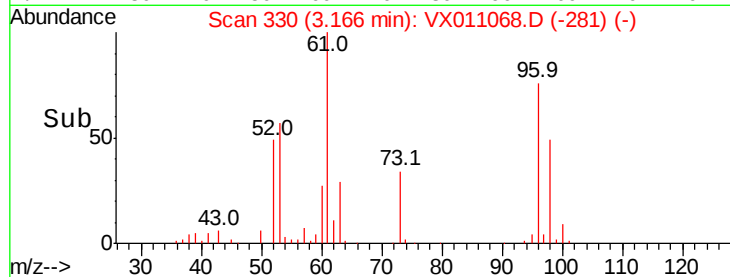
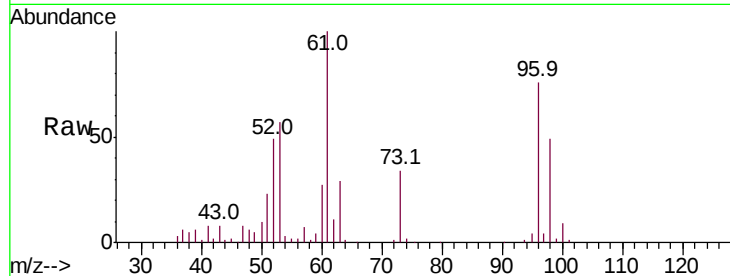
98 65.0 52.2 78.4

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#22

Diisopropyl ether

Concen: 27.270 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Tgt Ion: 45 Resp: 111171

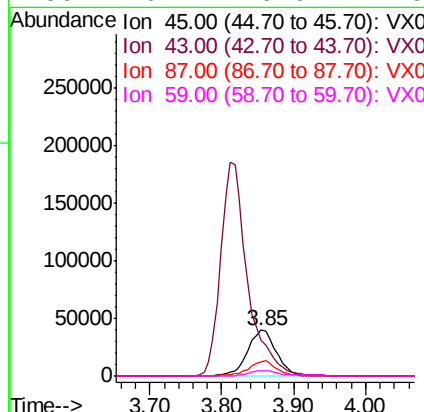
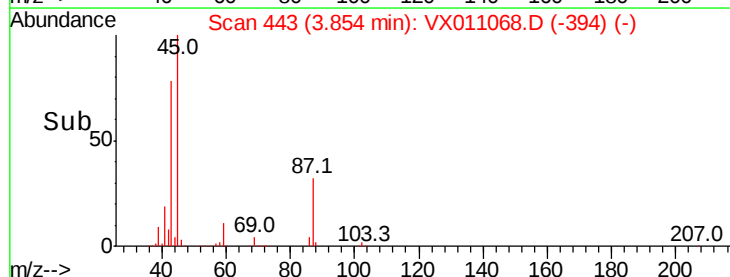
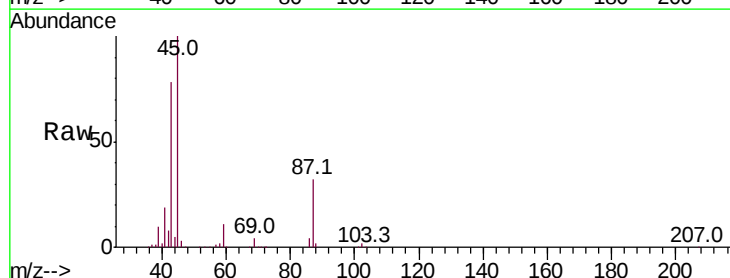
Ion Ratio Lower Upper

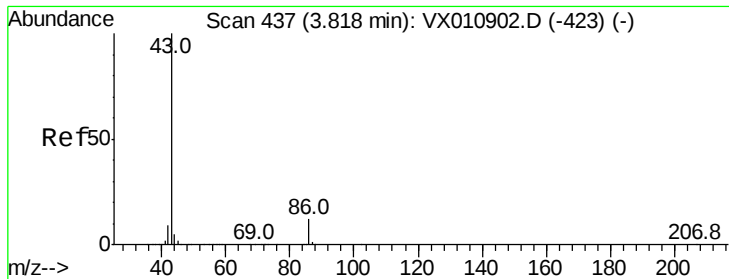
45 100

43 77.9 62.3 93.5

87 31.7 25.0 37.4

59 10.7 9.9 14.9





#23

Vinyl Acetate

Concen: 140.002 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS01

Tot Ion: 43 Resp: 483595

Ion Ratio Lower Upper

43 100

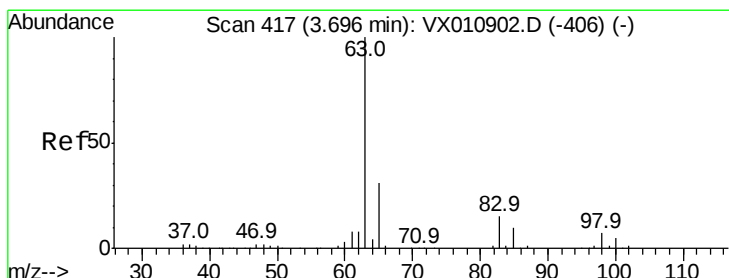
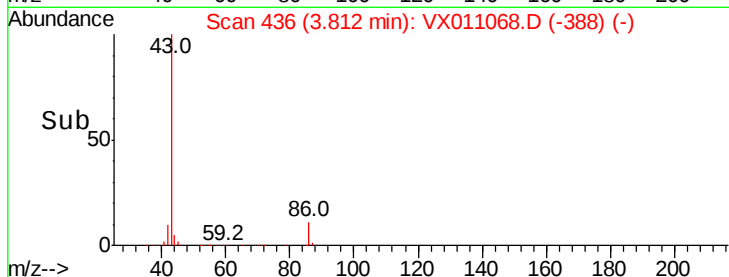
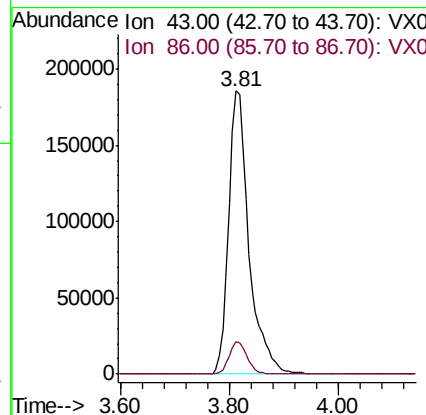
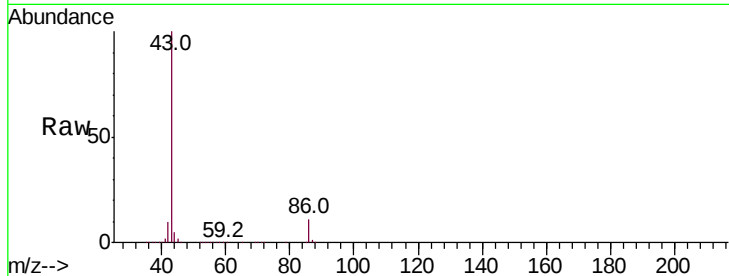
86 11.4 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 25.213 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

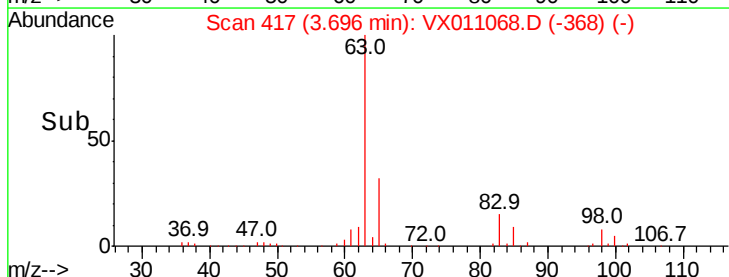
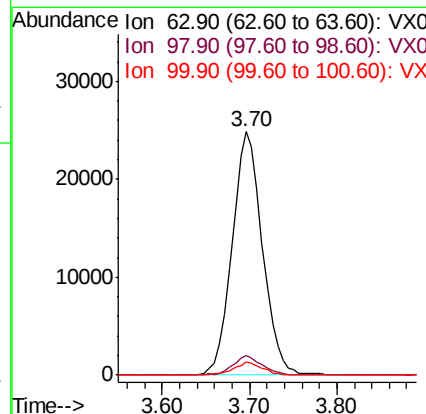
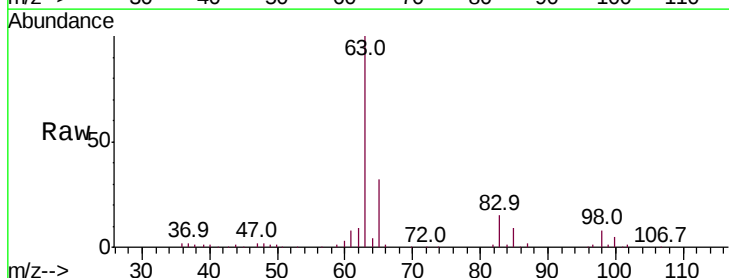
Tgt Ion: 63 Resp: 59694

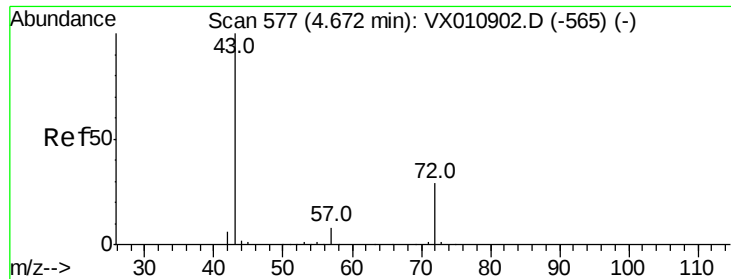
Ion Ratio Lower Upper

63 100

98 8.0 3.6 10.9

100 5.2 2.4 7.2





#25

2-Butanone

Concen: 138.974 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS01

Tot Ion: 43 Resp: 143207

Ion Ratio Lower Upper

43 100

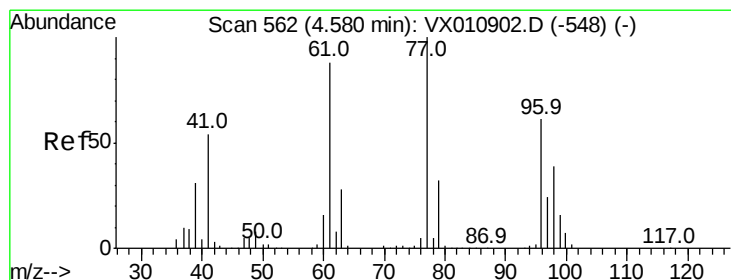
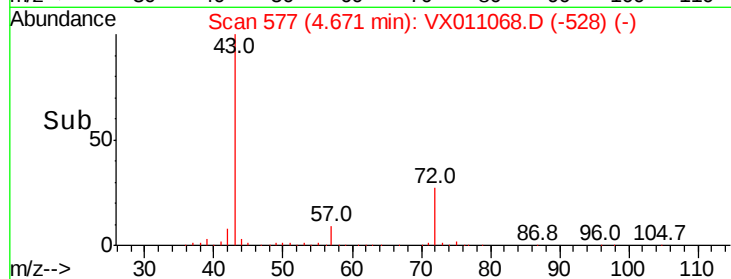
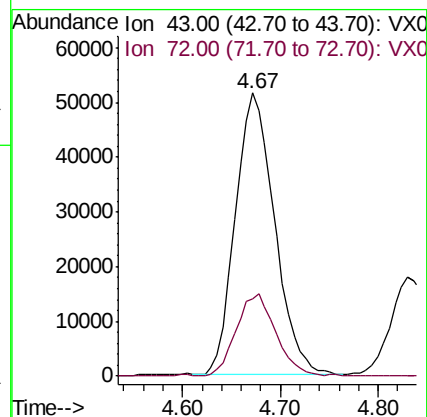
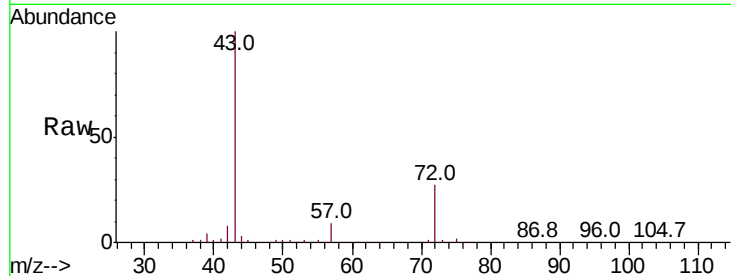
72 27.3 23.0 34.6

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#26

2,2-Dichloropropane

Concen: 21.508 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX011068.D

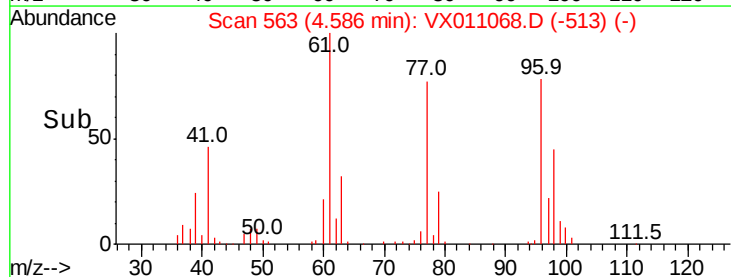
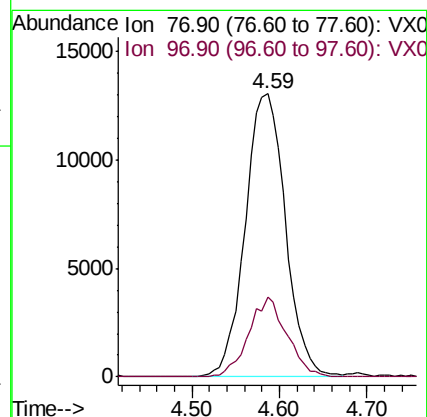
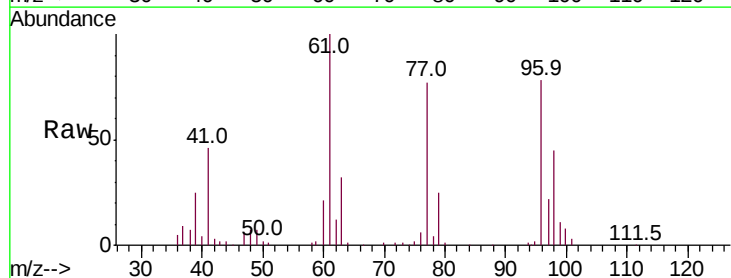
Acq: 25 Jul 2019 11:22

Tgt Ion: 77 Resp: 41812

Ion Ratio Lower Upper

77 100

97 26.6 12.6 37.6





#27

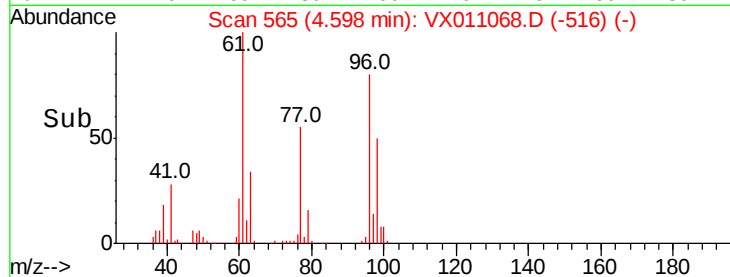
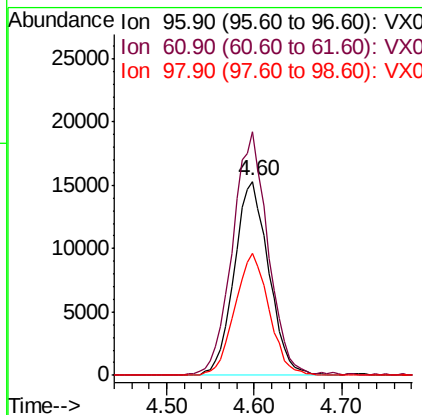
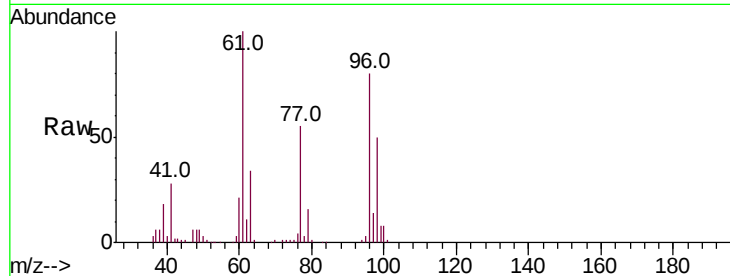
cis-1,2-Dichloroethene
Concen: 25.763 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	42100		
61	128.8		0.0	269.0
98	62.3		0.0	131.4

Manual Integrations
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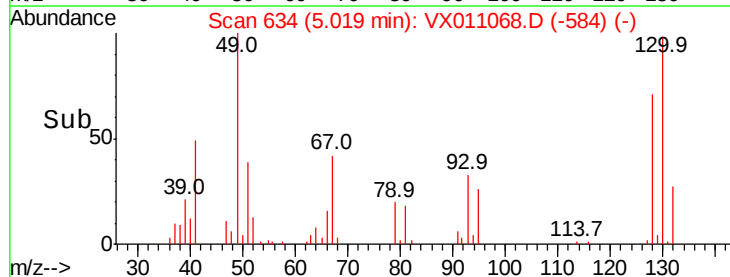
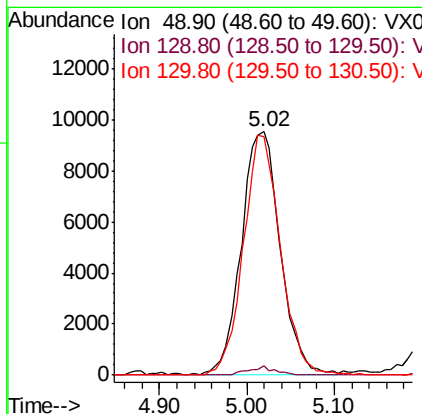
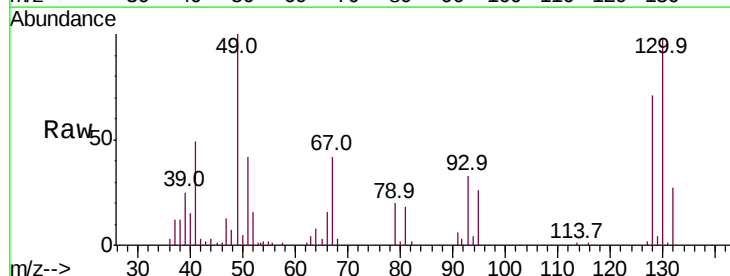
MMDadoda
7/26/2019 9:49:21 AM

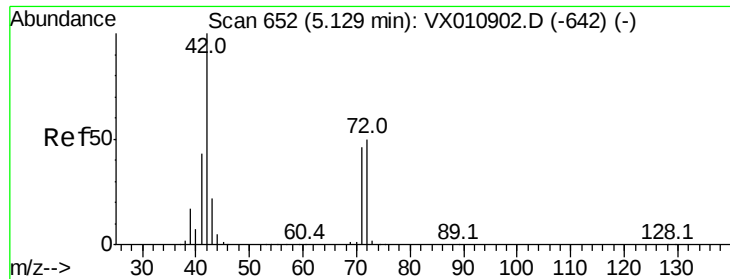


#28

Bromochloromethane
Concen: 26.434 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	29492		
129	2.5		0.0	5.2
130	93.6		76.9	115.3





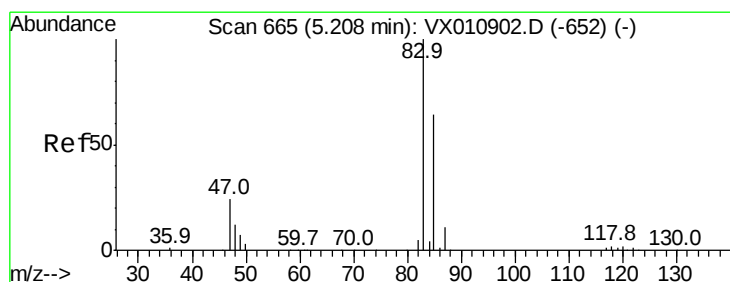
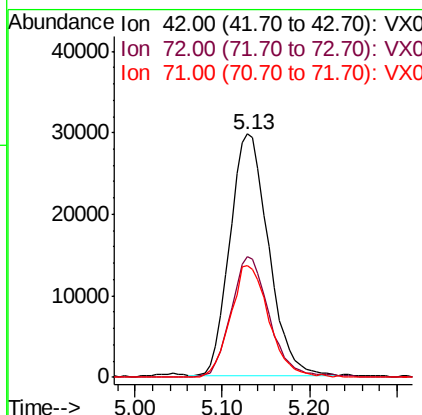
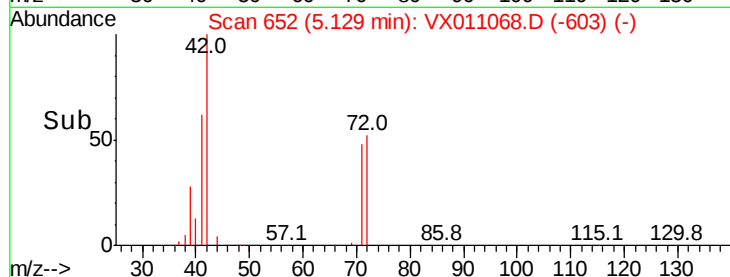
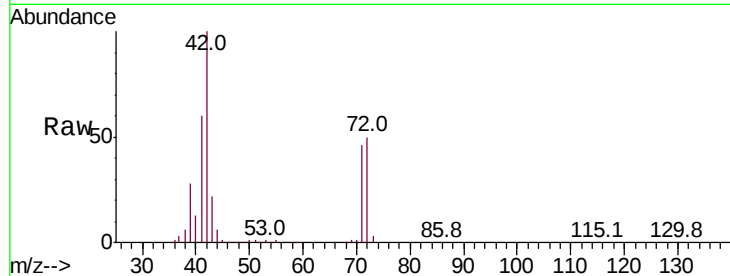
#29
Tetrahydrofuran
Concen: 139.630 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.7	39.8	59.8
71	46.3	37.0	55.4

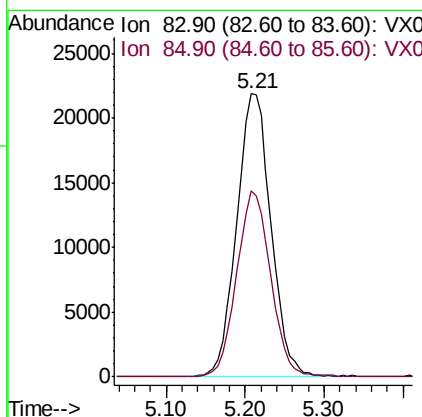
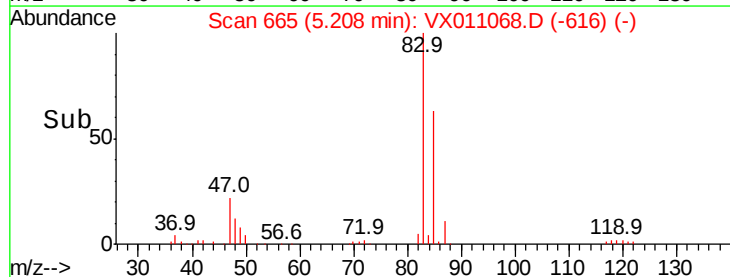
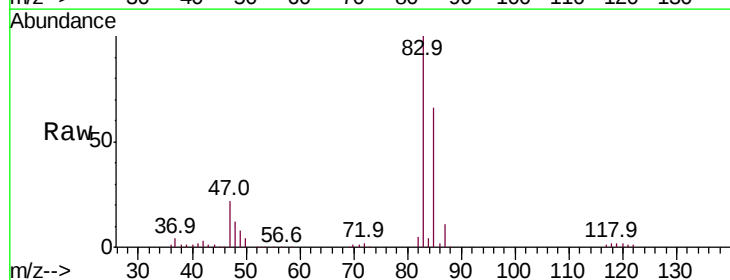
Manual Integrations
APPROVED

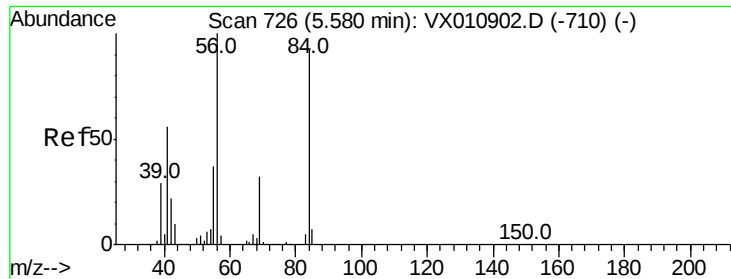
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#30
Chloroform
Concen: 25.898 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.4	77.0





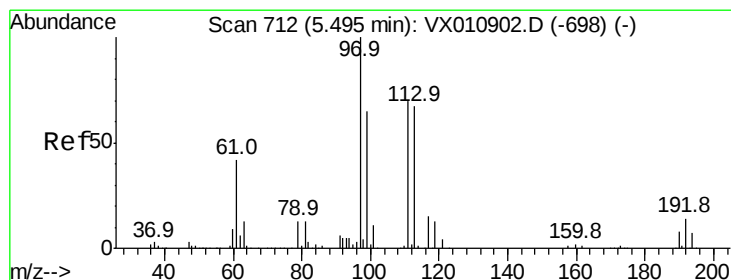
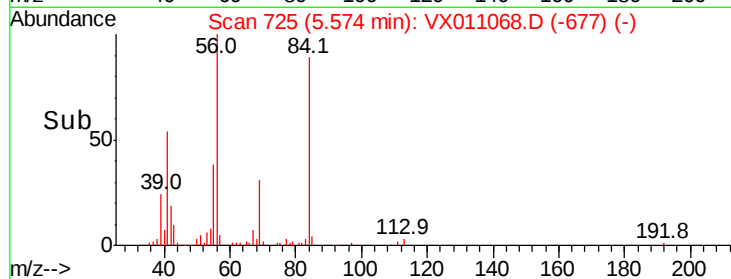
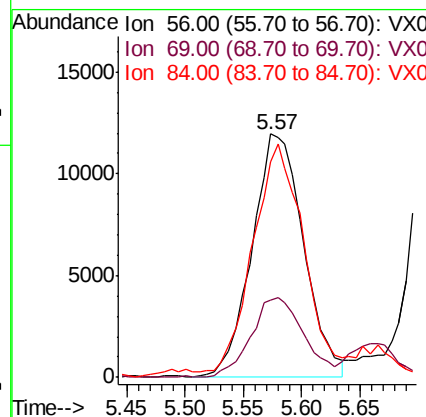
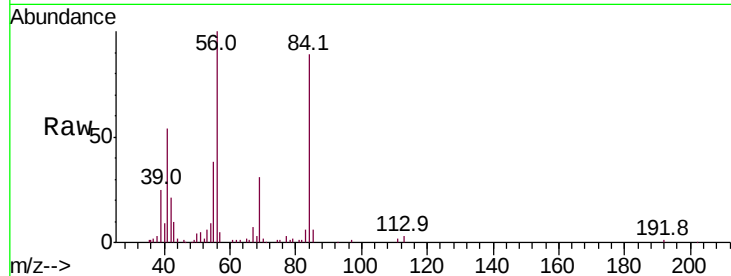
#31
Cyclohexane
Concen: 17.070 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.5	25.8	38.8
84	86.1	73.8	110.6

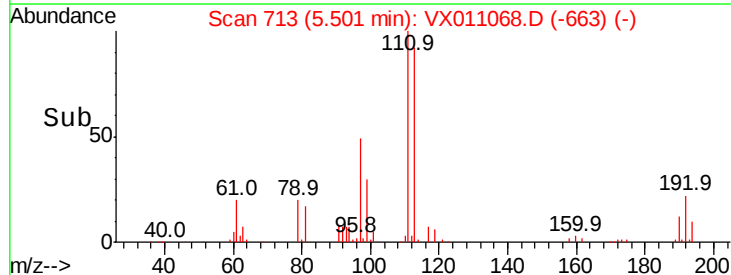
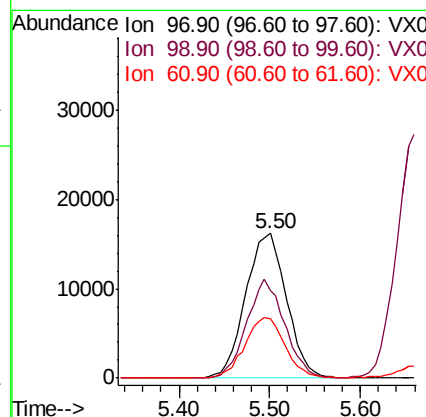
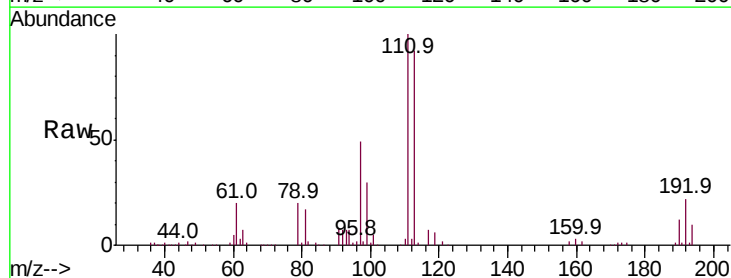
Manual Integrations
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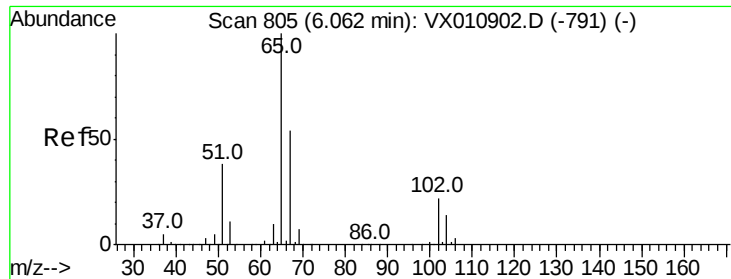
MMDadoda
7/26/2019 9:49:21 AM



#32
1,1,1-Trichloroethane
Concen: 22.893 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.4	77.0
61	41.4	33.0	49.6





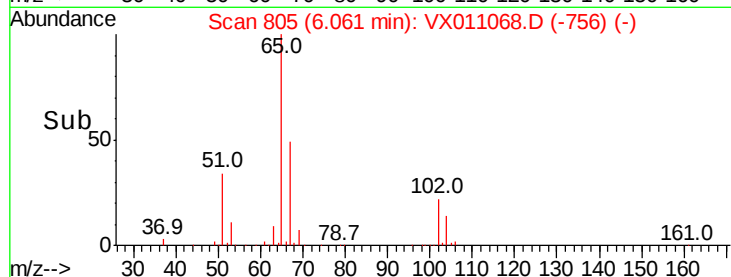
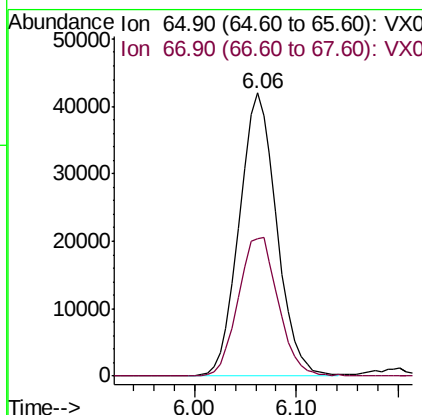
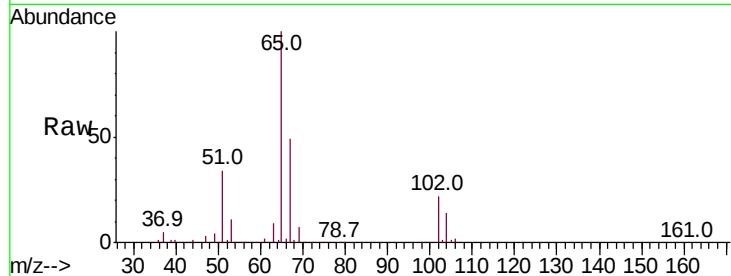
#33
 1,2-Dichloroethane-d4
 Concen: 67.347 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	107.8

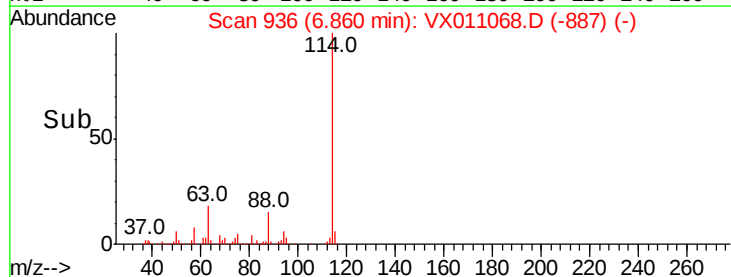
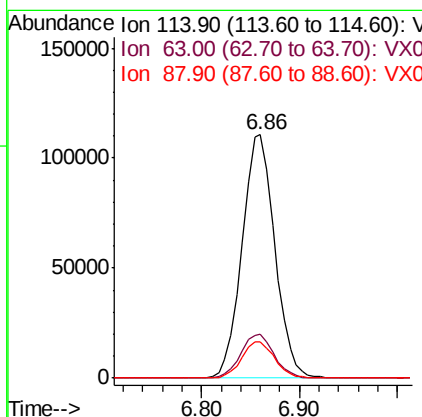
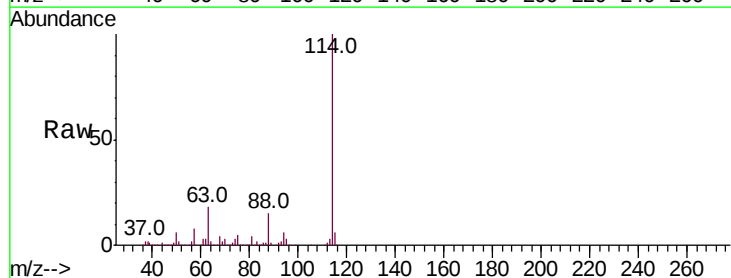
Manual Integrations
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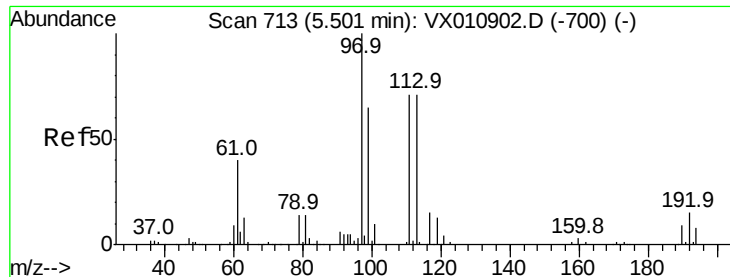
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	35.6
88	14.7	0.0	29.8





#35

Dibromofluoromethane

Concen: 55.711 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

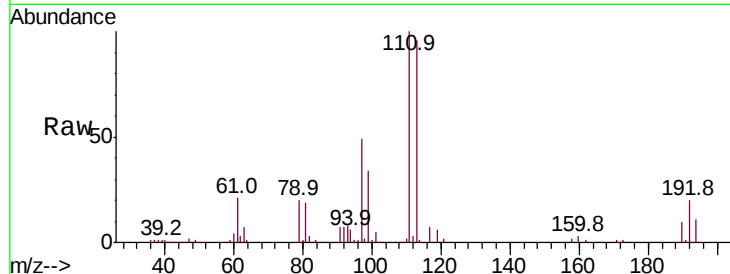
ClientSampleId :

VX0725WBS01

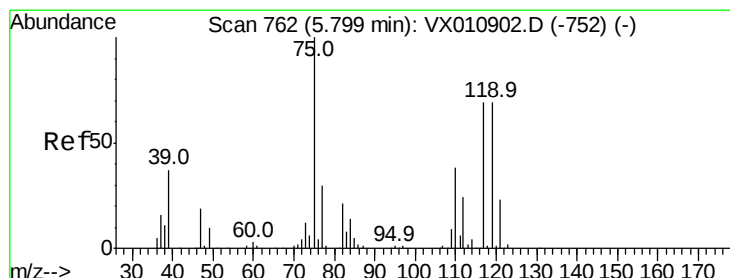
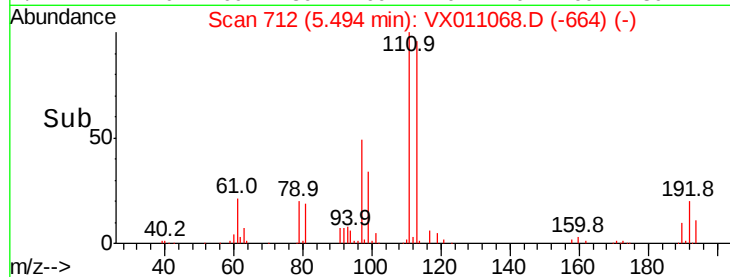
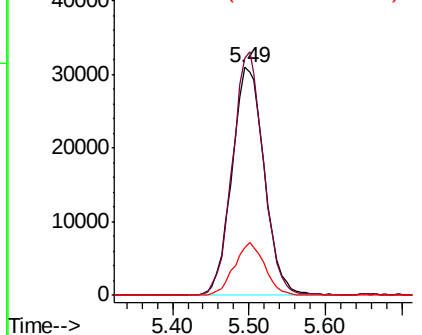
Tot Ion:	113	Resp:	90904
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.3	123.5
192	21.8	17.4	26.2

Manual Integrations
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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.270 ug/l

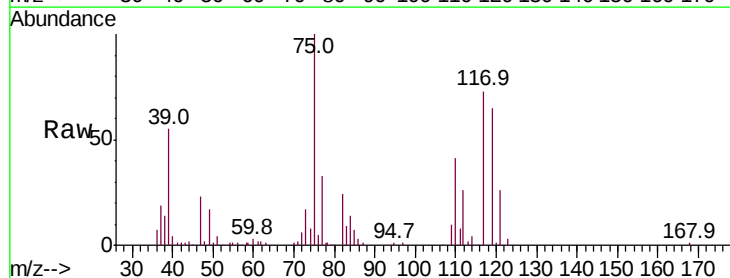
RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

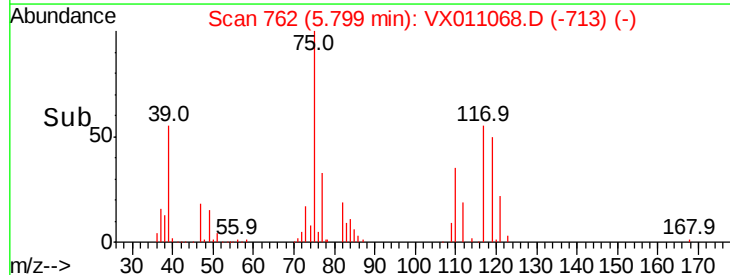
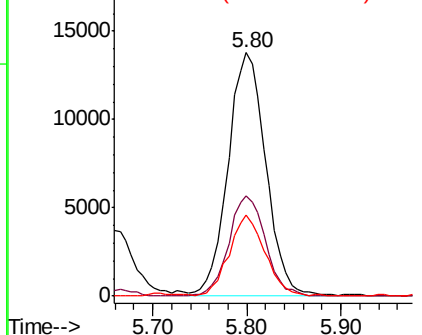
Lab File: VX011068.D

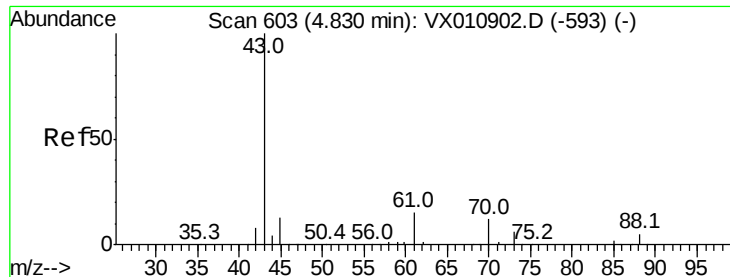
Acq: 25 Jul 2019 11:22

Tgt Ion:	75	Resp:	38580
Ion	Ratio	Lower	Upper
75	100		
110	39.5	19.9	59.7
77	31.4	25.0	37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





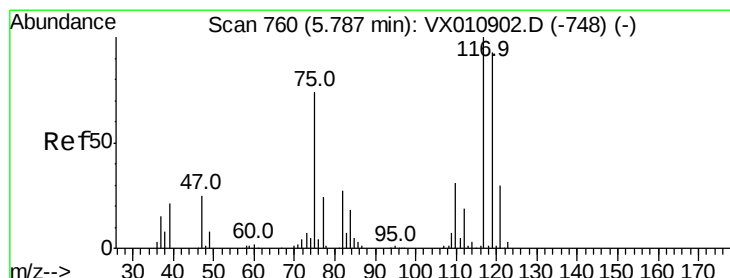
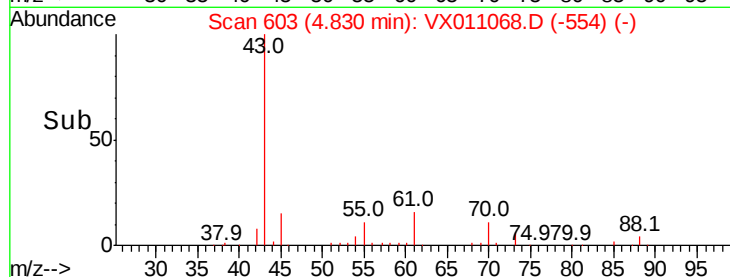
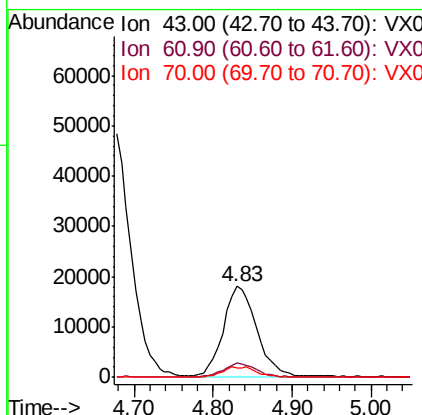
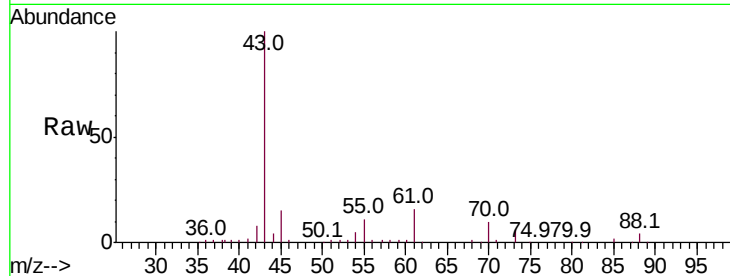
#37
Ethyl Acetate
Concen: 24.561 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.2	11.6	17.4
70	11.8	9.1	13.7

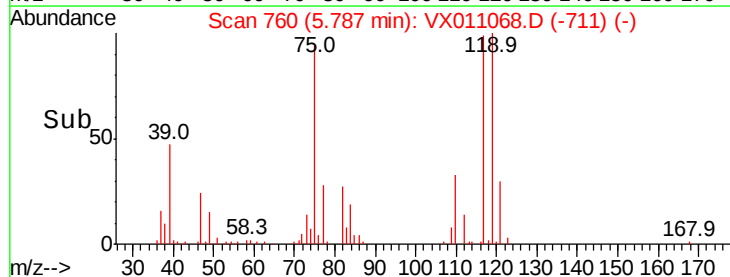
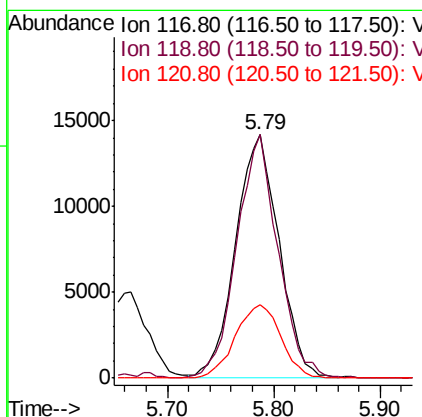
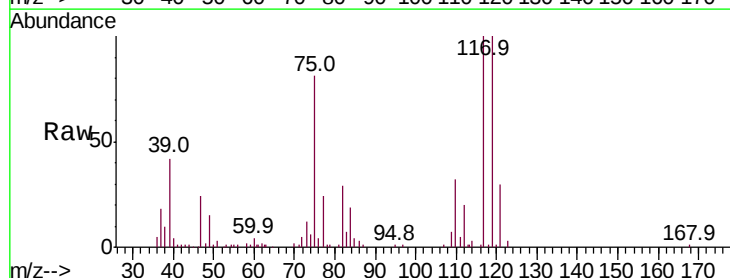
Manual Integrations
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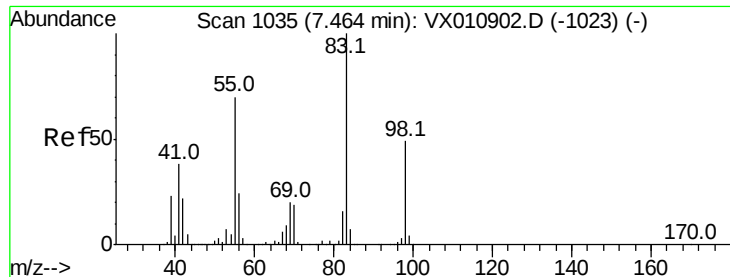
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#38
Carbon Tetrachloride
Concen: 18.405 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.4	74.2	111.2
121	30.0	24.2	36.2





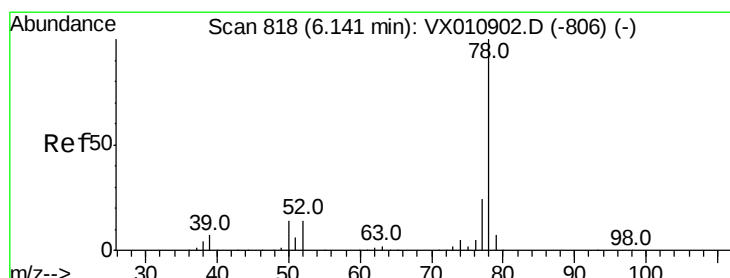
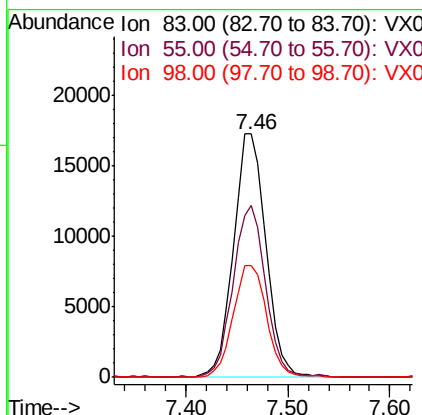
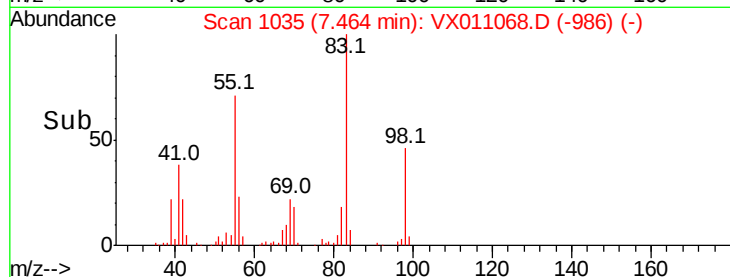
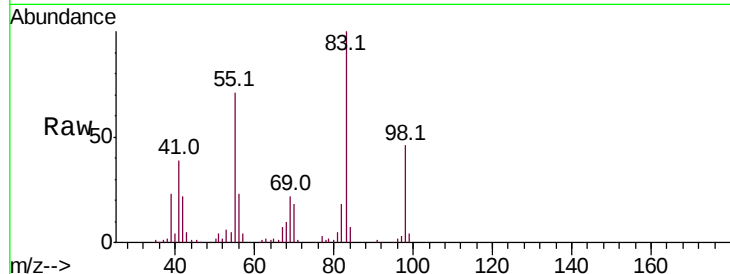
#39
Methvlcvclohexane
Concen: 13.868 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.8	56.2	84.4
98	45.9	39.0	58.4

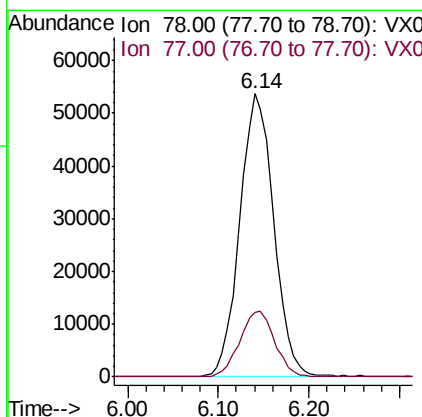
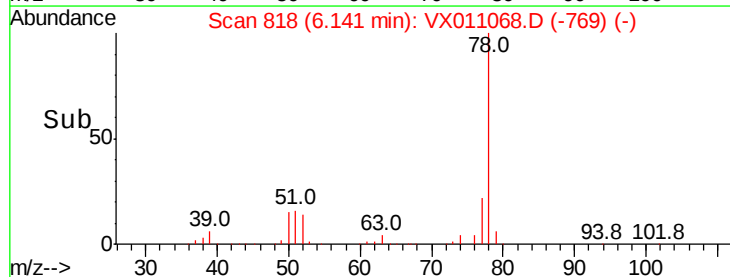
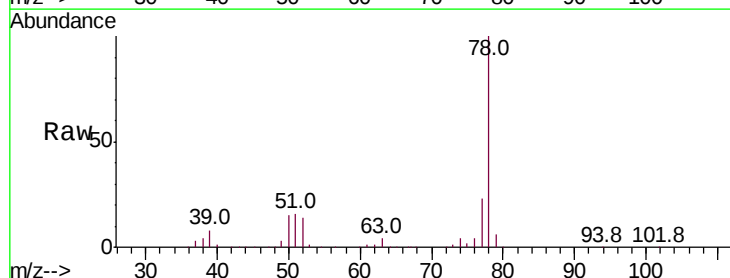
Manual Integrations
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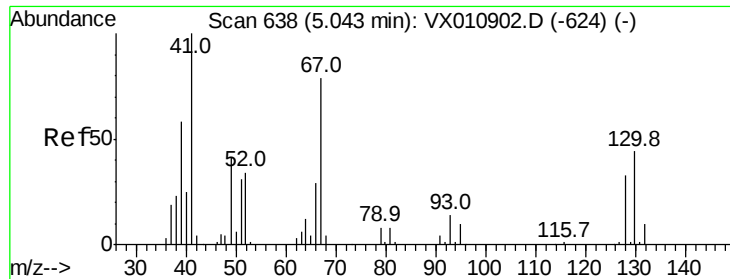
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#40
Benzene
Concen: 21.582 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.0	28.6





#41

Methacrylonitrile

Concen: 22.640 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS01

Tot Ion: 41 Resp: 27790

Ion Ratio Lower Upper

41 100

39 57.2 45.4 68.2

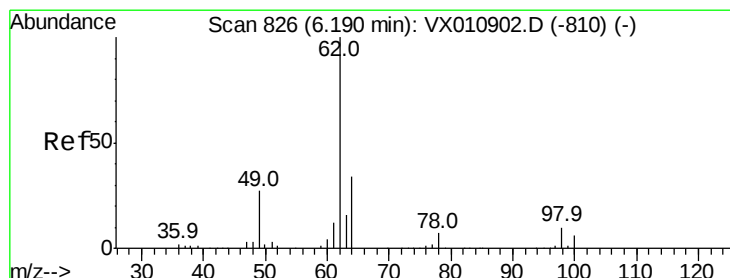
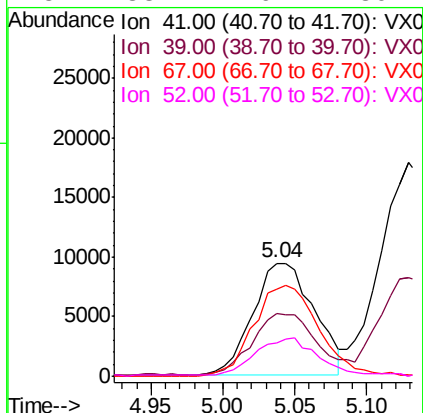
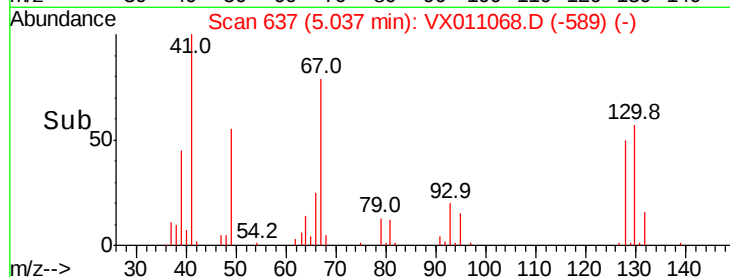
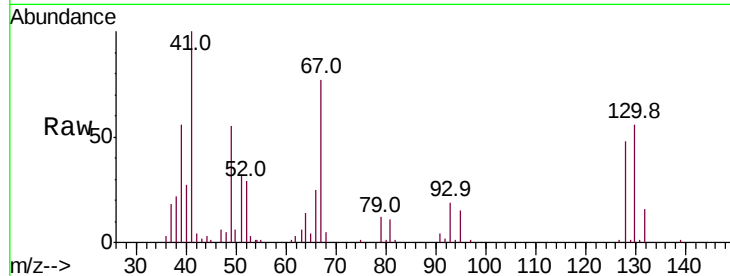
67 86.9 65.9 98.9

52 33.7 26.2 39.2

Manual Integrations
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7/26/2019 9:49:21 AM



#42

1,2-Dichloroethane

Concen: 24.102 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX011068.D

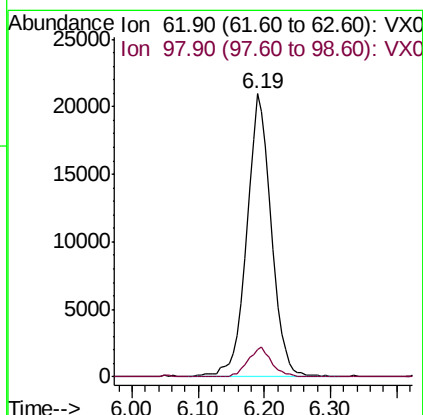
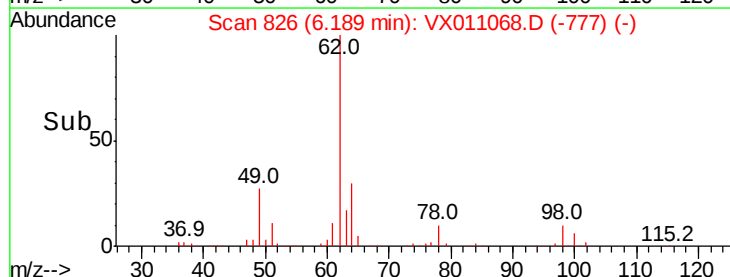
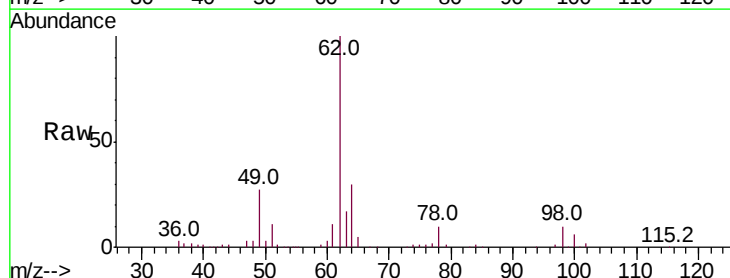
Acq: 25 Jul 2019 11:22

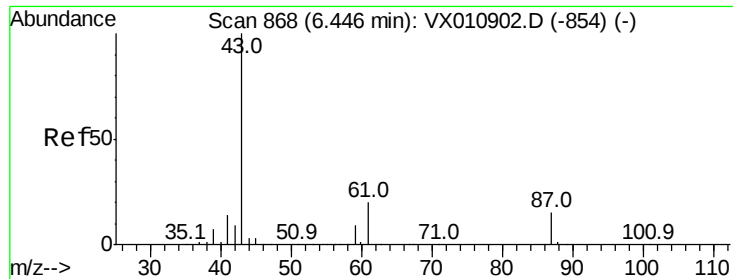
Tgt Ion: 62 Resp: 54207

Ion Ratio Lower Upper

62 100

98 10.2 0.0 20.0





#43

Isopropyl Acetate

Concen: 23.846 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

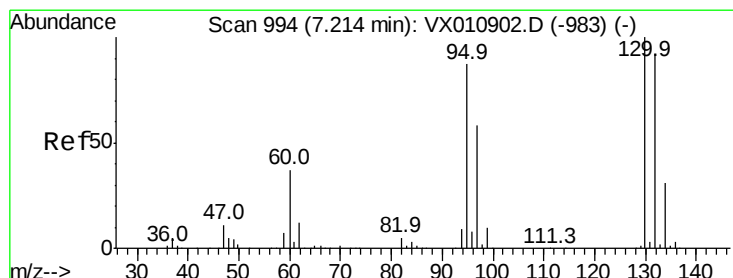
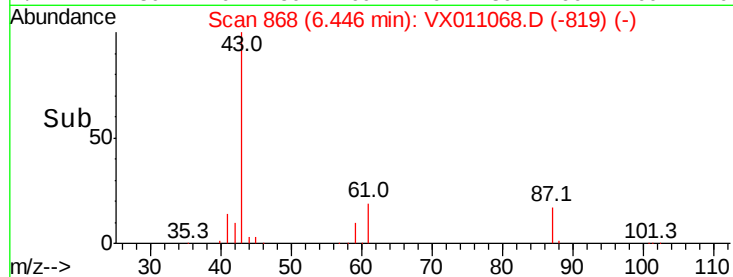
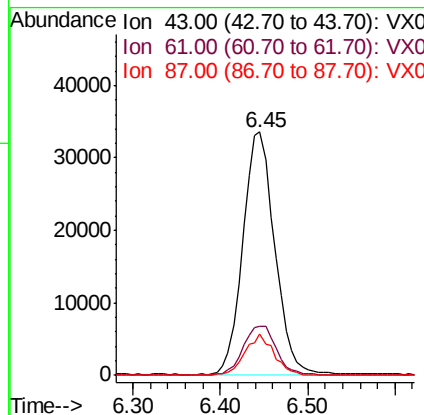
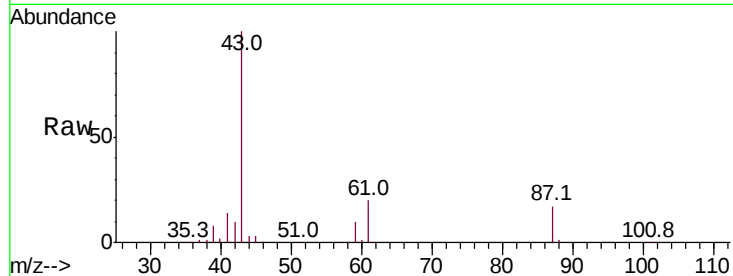
ClientSampleId :

VX0725WBS01

Tot Ion:	43	Resp:	84783
Ion	Ratio	Lower	Upper
43	100		
61	21.4	17.1	25.7
87	15.3	12.0	18.0

Manual Integrations
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7/26/2019 9:49:21 AM



#44

Trichloroethene

Concen: 20.015 ug/l

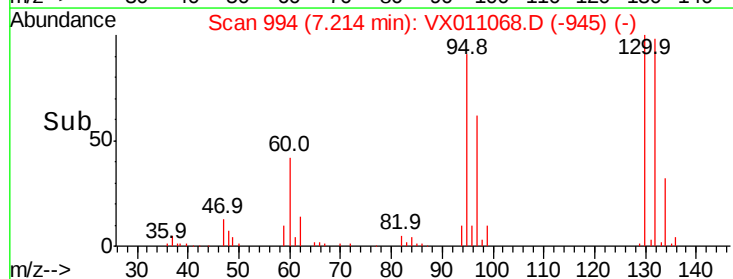
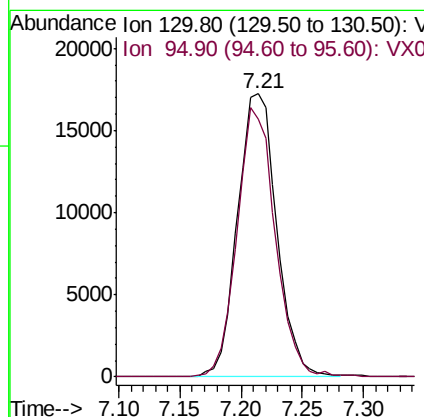
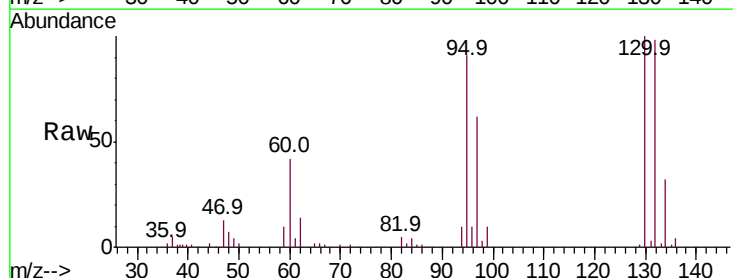
RT: 7.21 min Scan# 994

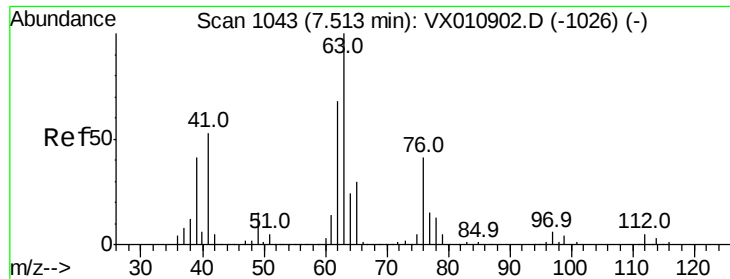
Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Tgt Ion:	130	Resp:	38322
Ion	Ratio	Lower	Upper
130	100		
95	91.2	0.0	174.8





#45

1,2-Dichloropropane

Concen: 22.401 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS01

Tot Ion: 63 Resp: 36880

Ion Ratio Lower Upper

63 100

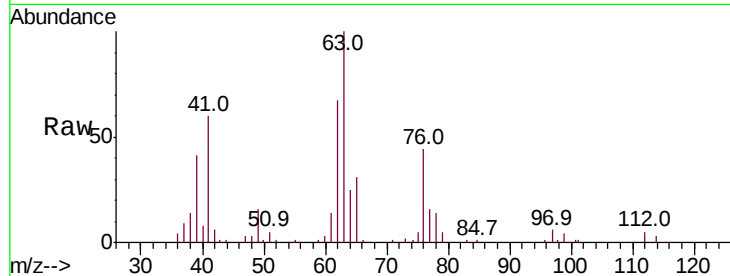
65 30.5 24.4 36.6

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

20000

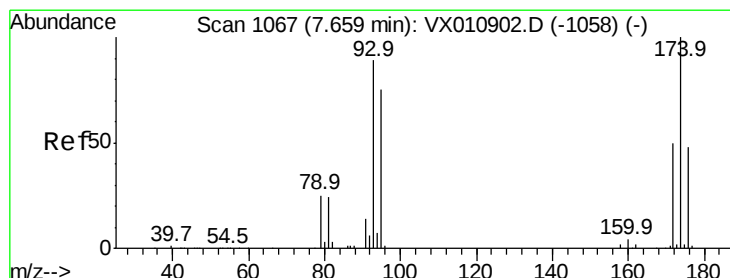
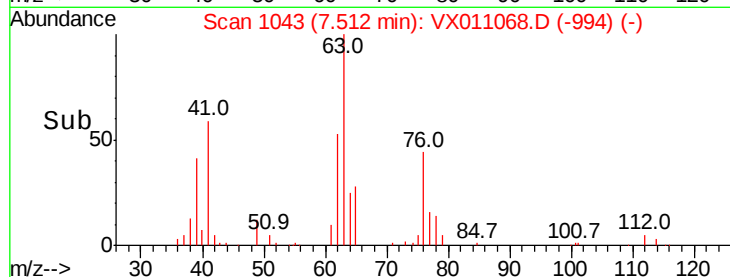
15000

10000

5000

0

Time-->



#46

Dibromomethane

Concen: 23.622 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

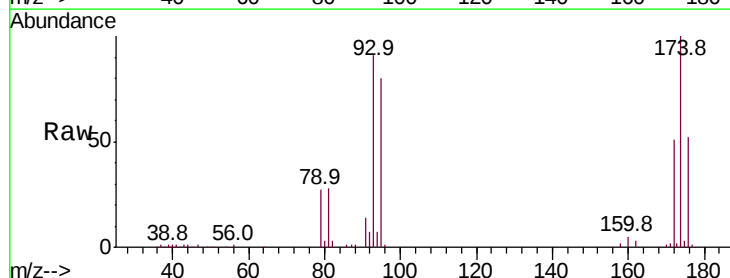
Tgt Ion: 93 Resp: 27789

Ion Ratio Lower Upper

93 100

95 85.6 67.2 100.8

174 113.4 90.6 135.8



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

20000

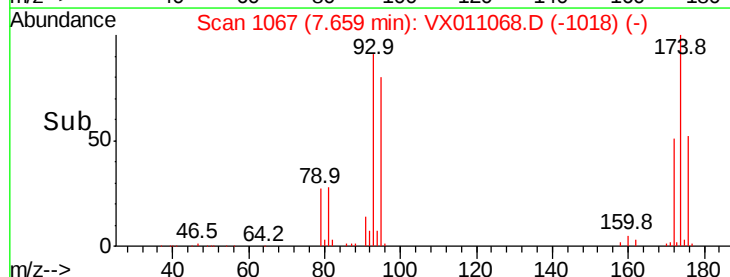
15000

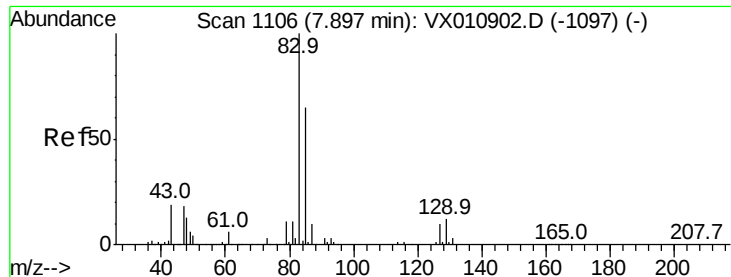
10000

5000

0

Time-->





#47

Bromodichloromethane

Concen: 23.362 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

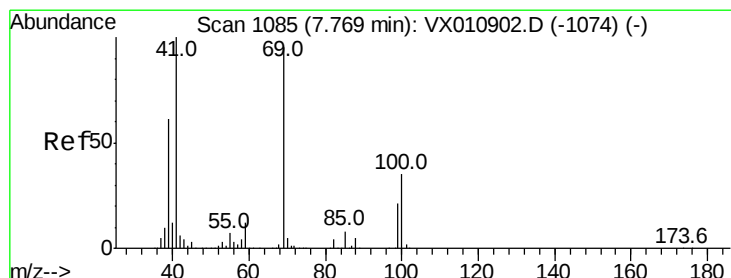
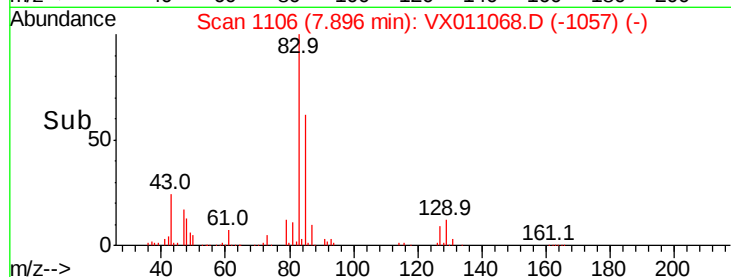
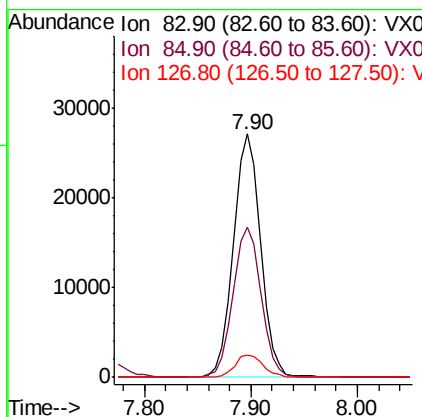
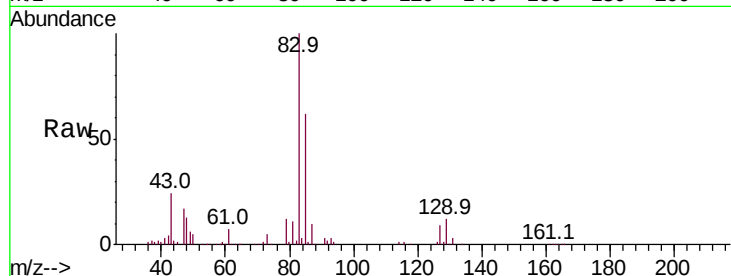
ClientSampleId :

VX0725WBS01

Tot Ion:	83	Resp:	48922
Ion	Ratio	Lower	Upper
83	100		
85	61.6	52.5	78.7
127	9.2	7.8	11.8

Manual Integrations
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MMDadoda
7/26/2019 9:49:21 AM



#48

Methyl methacrylate

Concen: 24.470 ug/l

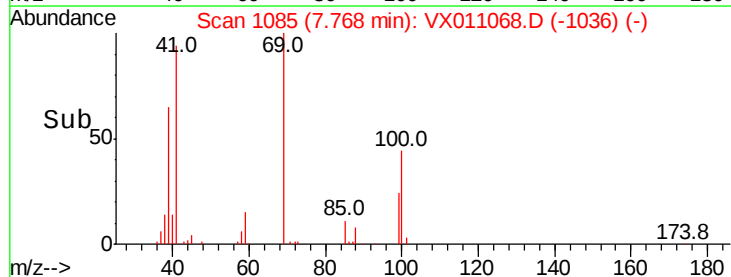
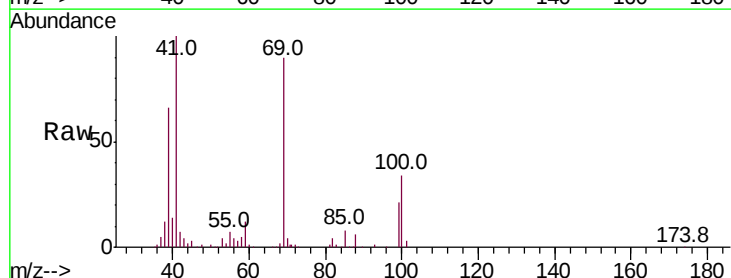
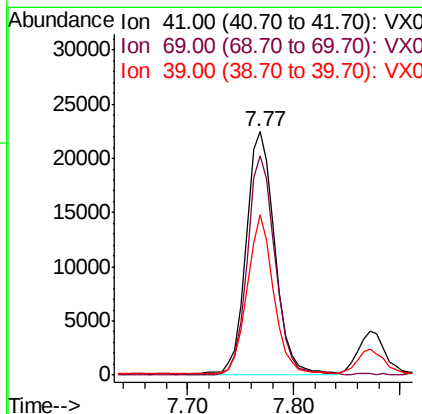
RT: 7.77 min Scan# 1085

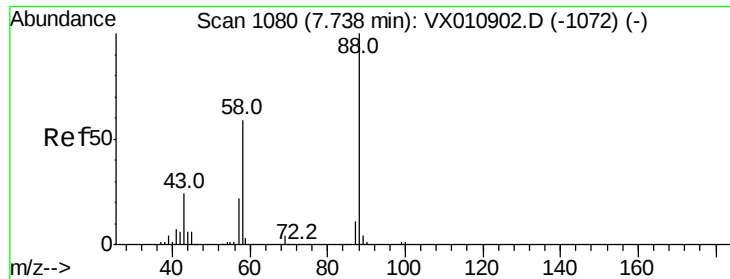
Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Tgt Ion:	41	Resp:	42382
Ion	Ratio	Lower	Upper
41	100		
69	87.8	74.4	111.6
39	60.6	48.9	73.3





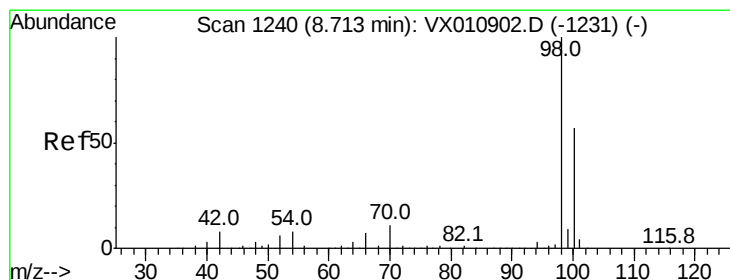
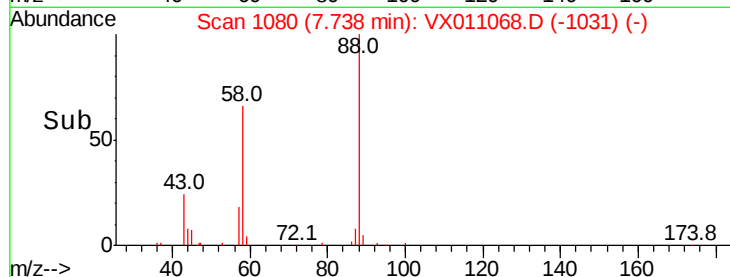
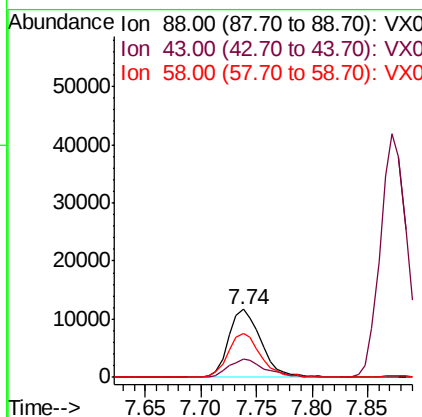
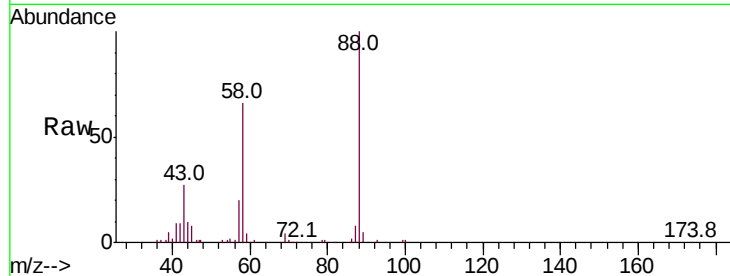
#49
1,4-Dioxane
Concen: 489.159 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.7	22.9	34.3
58	65.6	49.8	74.8

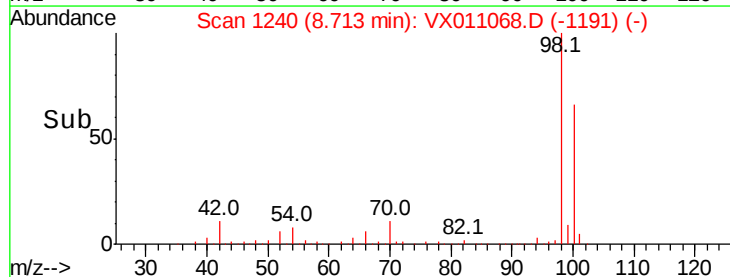
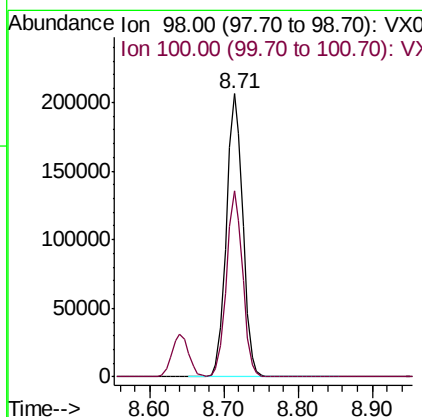
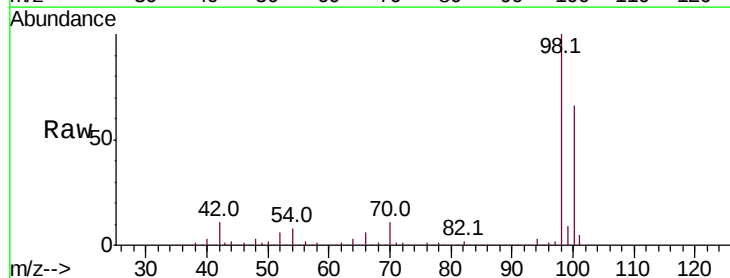
Manual Integrations
APPROVED

MMDadoda
7/26/2019 9:49:21 AM



#50
Toluene-d8
Concen: 51.843 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	50.6	75.8





#51

4-Methyl-2-Pentanone

Concen: 125.462 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS01

Tot Ion: 43 Resp: 289159

Ion Ratio Lower Upper

43 100

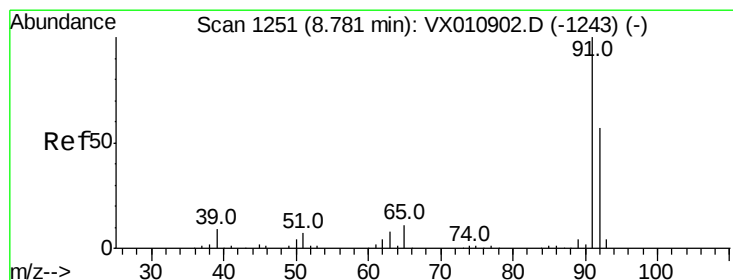
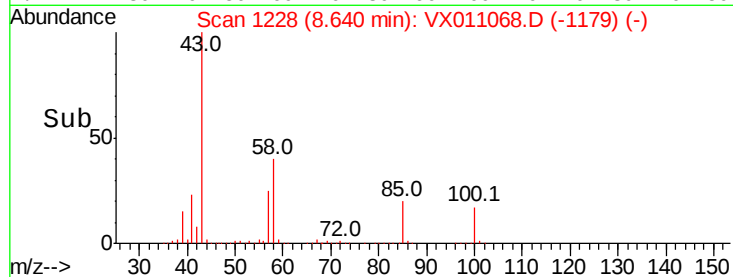
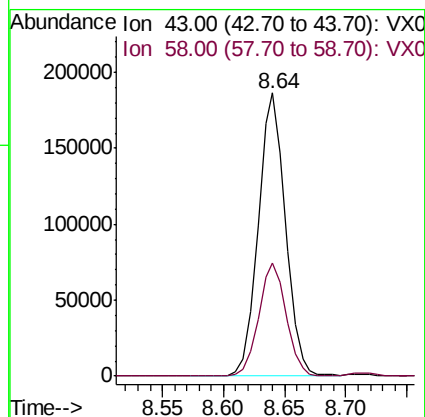
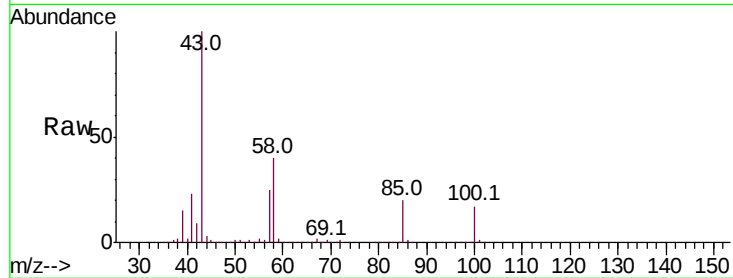
58 40.2 32.2 48.4

Manual Integrations

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#52

Toluene

Concen: 21.310 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX011068.D

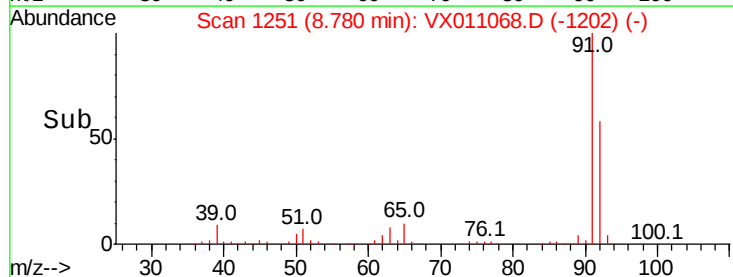
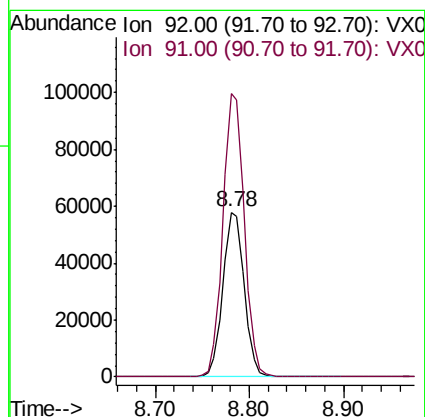
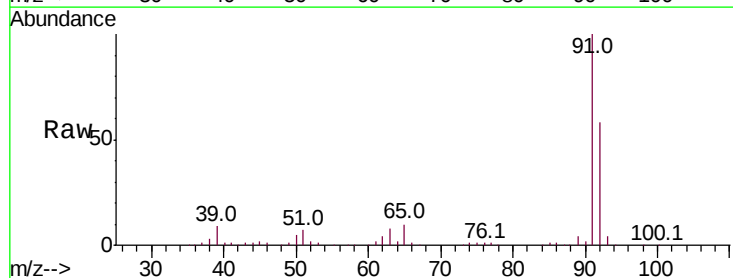
Acq: 25 Jul 2019 11:22

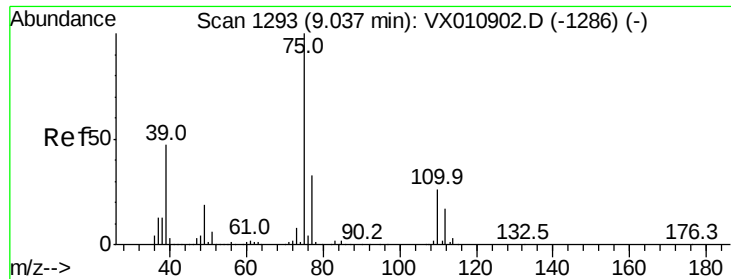
Tgt Ion: 92 Resp: 90552

Ion Ratio Lower Upper

92 100

91 173.3 139.4 209.0





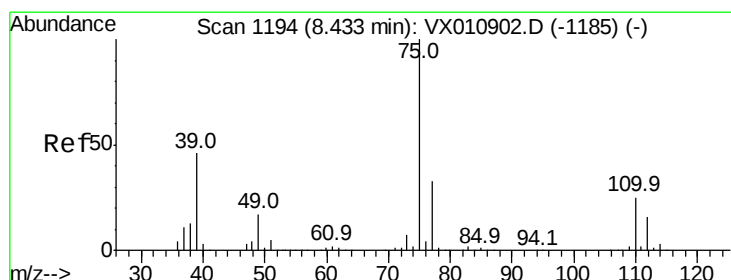
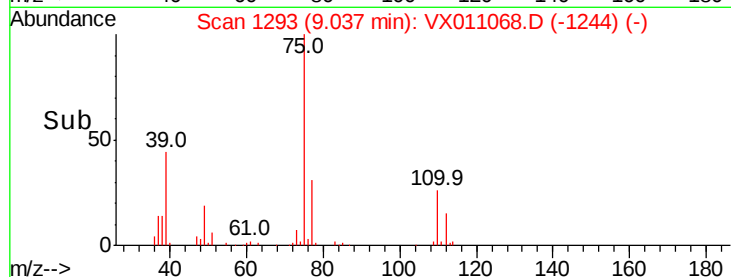
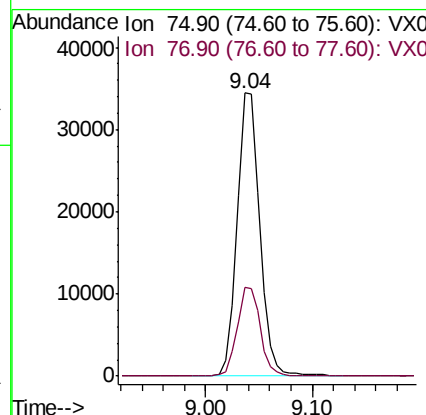
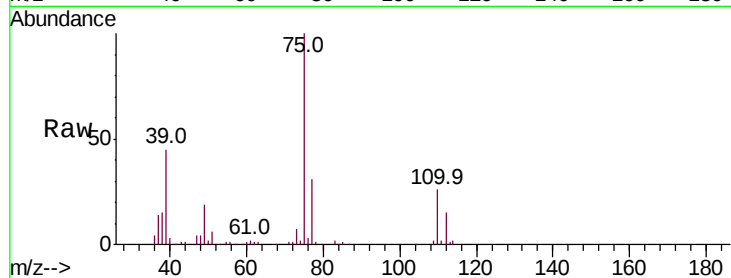
#53
 t-1,3-Dichloropropene
 Concen: 22.954 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.2	39.2

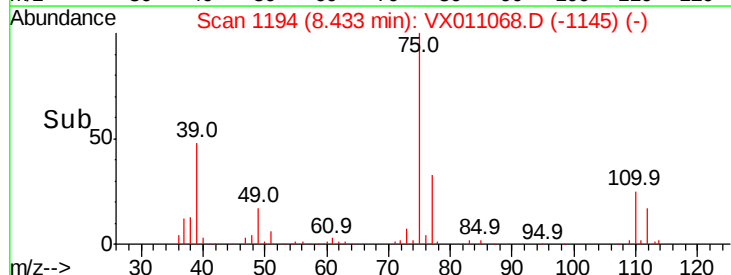
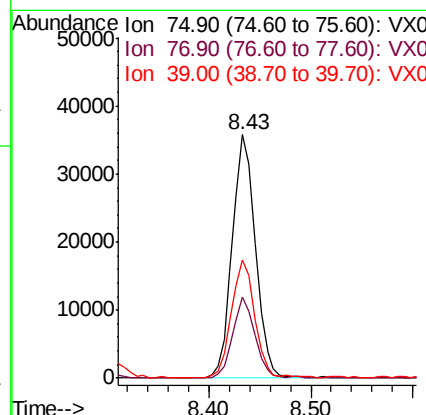
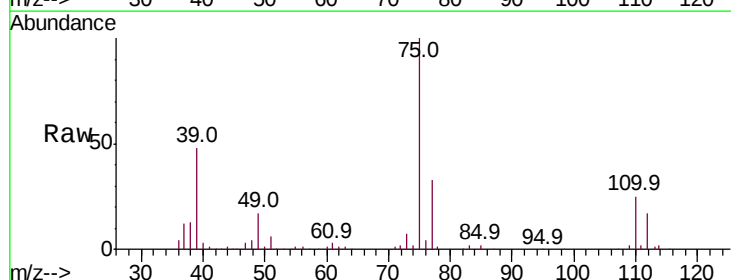
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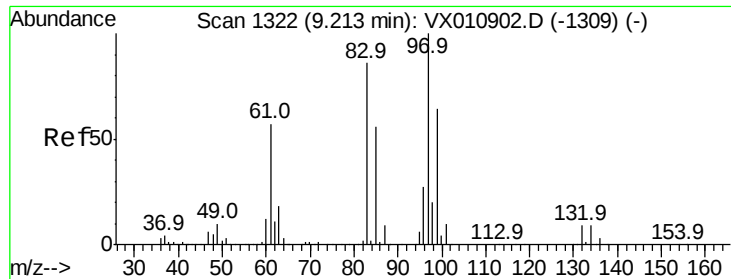
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#54
 cis-1,3-Dichloropropene
 Concen: 22.514 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.2	26.1	39.1
39	48.0	36.6	54.8





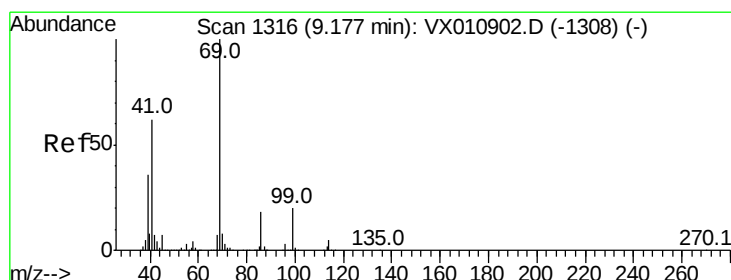
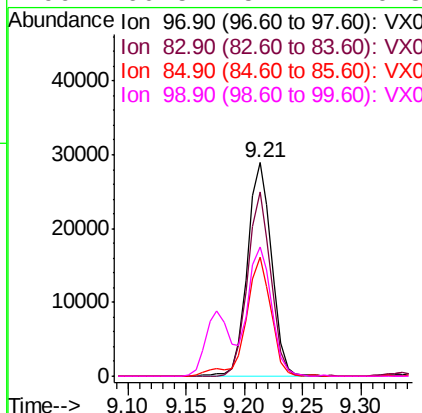
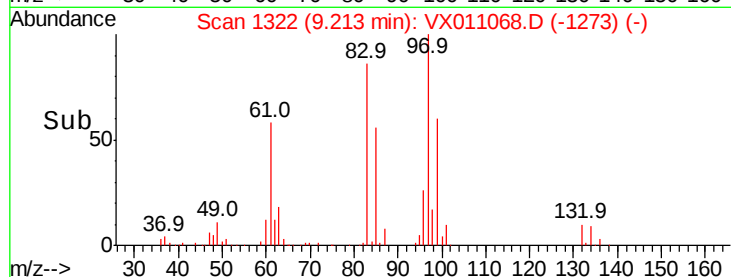
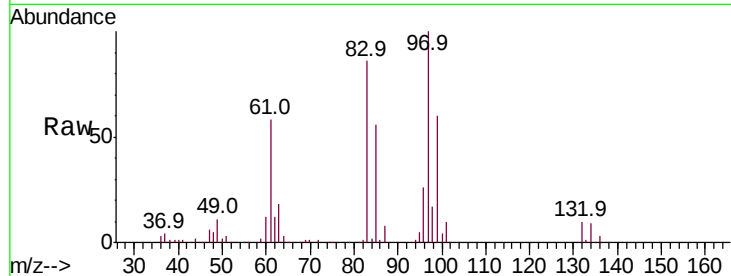
#55
 1,1,2-Trichloroethane
 Concen: 24.110 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

Tot Ion	97	Resp	42183
Ion	Ratio	Lower	Upper
97	100		
83	86.5	69.2	103.8
85	55.7	44.6	66.8
99	60.5	51.2	76.8

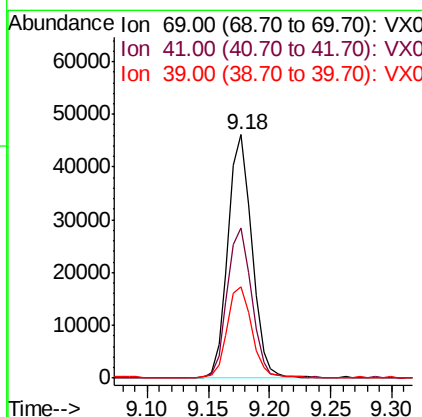
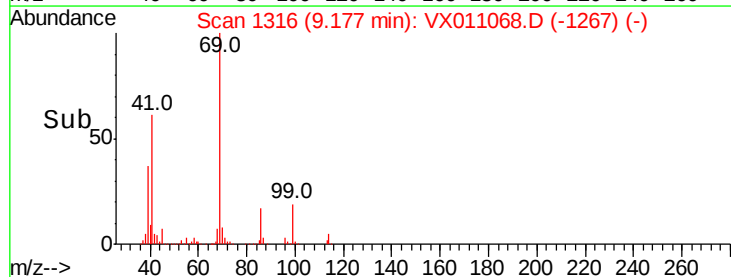
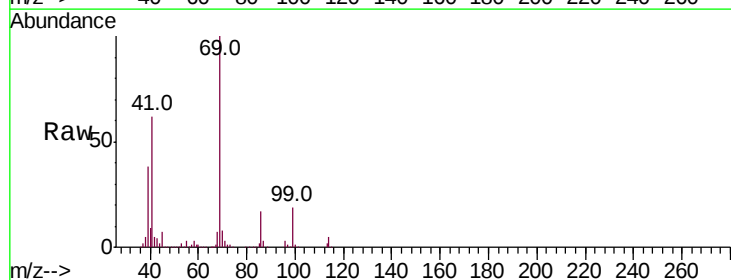
Manual Integrations
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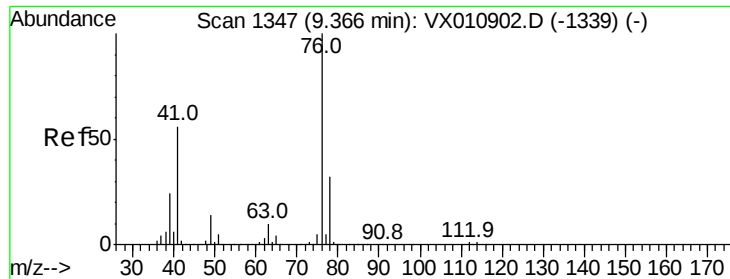
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 7/26/2019 9:49:21 AM



#56
 Ethyl methacrylate
 Concen: 24.564 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

Tgt Ion	69	Resp	62867
Ion	Ratio	Lower	Upper
69	100		
41	62.0	49.7	74.5
39	37.7	29.6	44.4





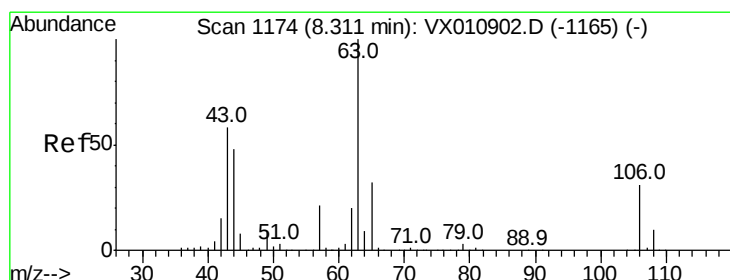
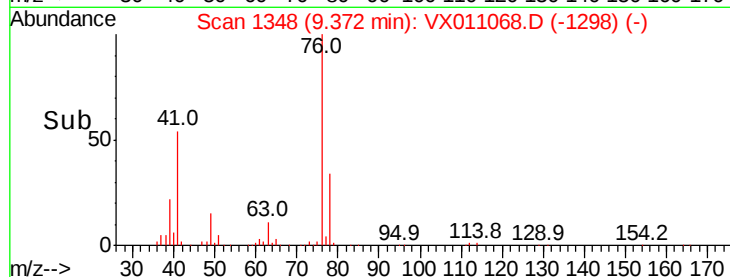
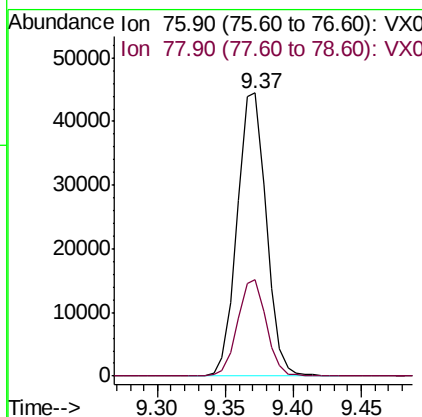
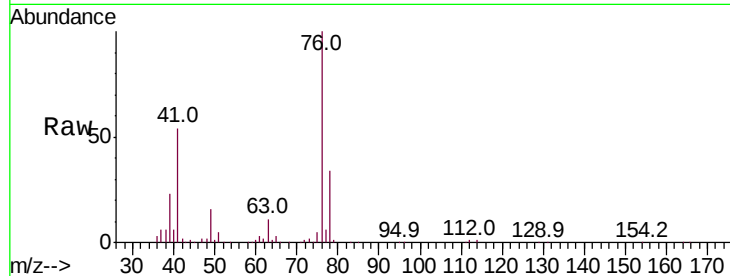
#57
 1,3-Dichloropropane
 Concen: 23.959 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.01 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

Tot Ion: 76 Resp: 66498
 Ion Ratio Lower Upper
 76 100
 78 33.3 25.6 38.4

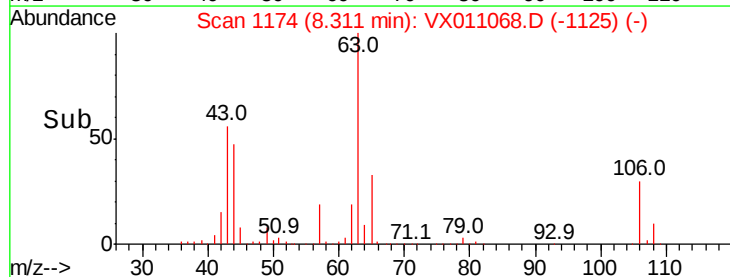
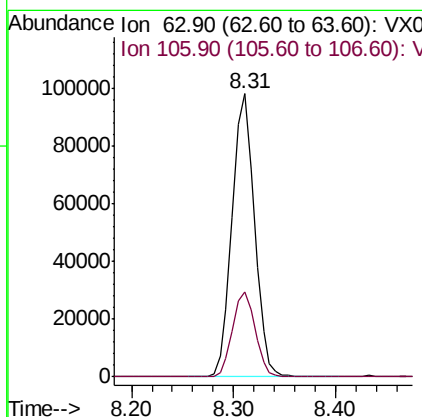
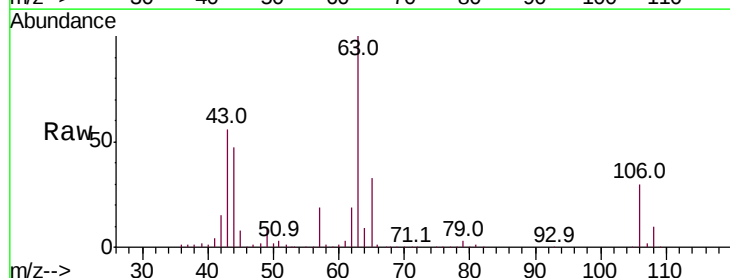
Manual Integrations
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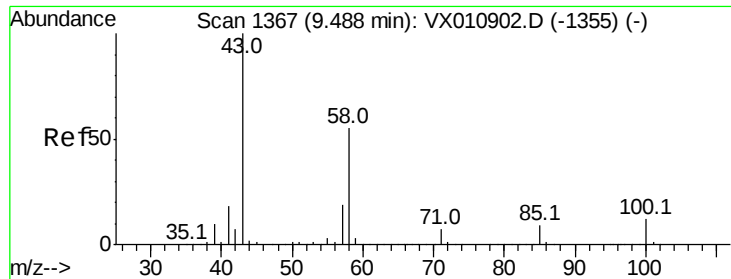
MMDadoda
 7/26/2019 9:49:21 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 121.888 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

Tgt Ion: 63 Resp: 148910
 Ion Ratio Lower Upper
 63 100
 106 30.2 24.0 36.0





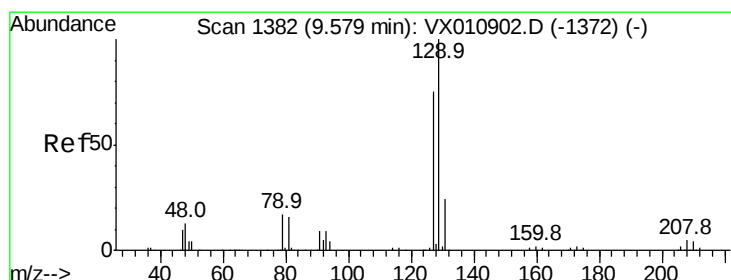
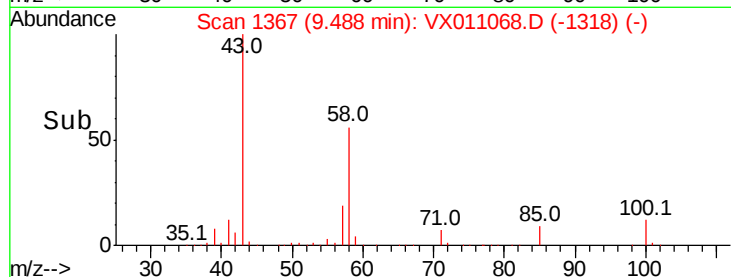
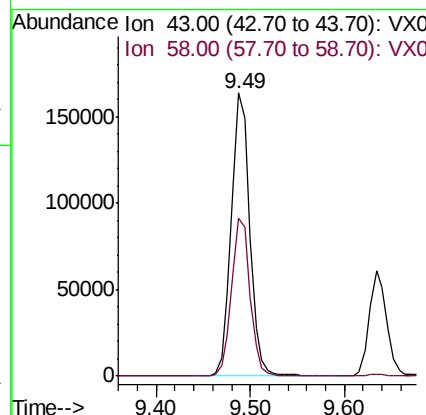
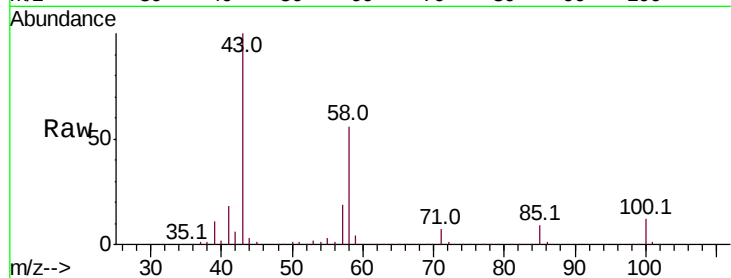
#59
2-Hexanone
Concen: 125.562 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.2	28.0	83.9

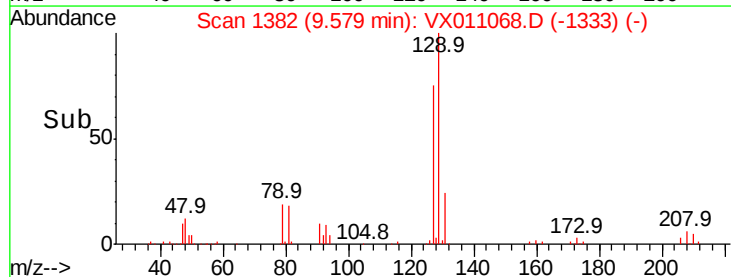
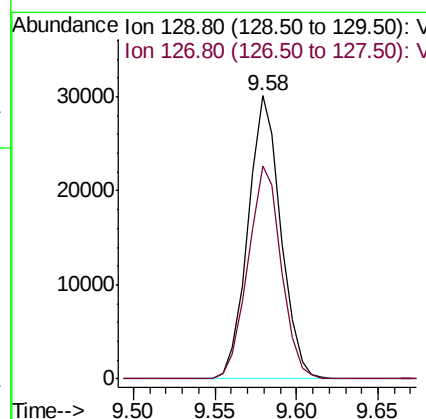
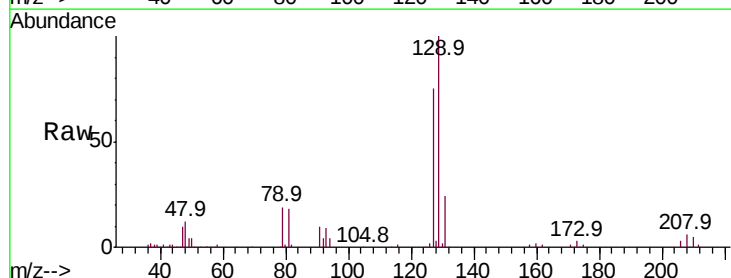
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#60
Dibromochloromethane
Concen: 22.403 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.5	38.6	115.8





#61

1,2-Dibromoethane

Concen: 24.284 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS01

Tot Ion: 107 Resp: 45091

Ion Ratio Lower Upper

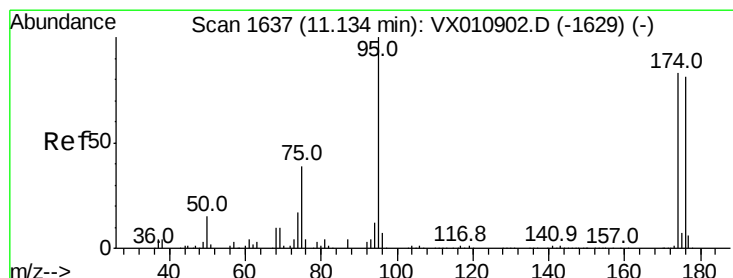
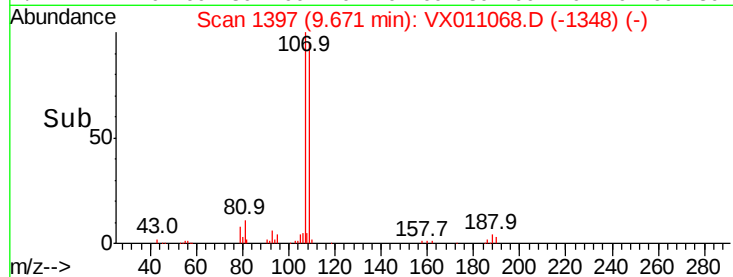
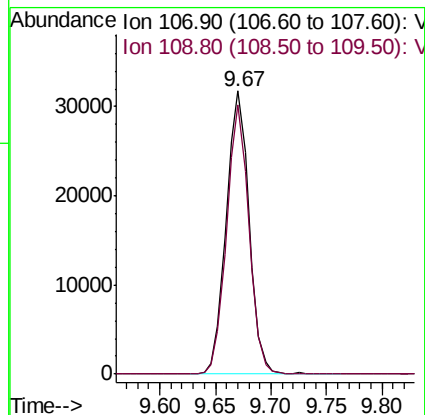
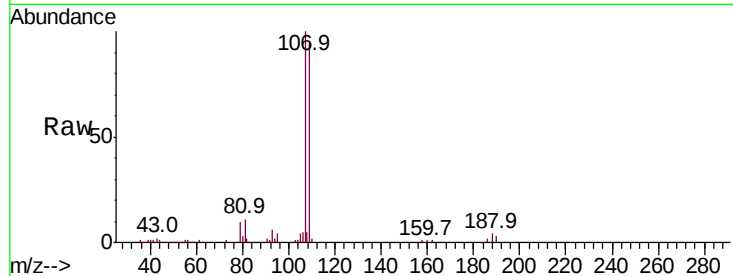
107 100

109 93.0 75.4 113.0

Manual Integrations
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MMDadoda

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#62

4-Bromofluorobenzene

Concen: 54.455 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

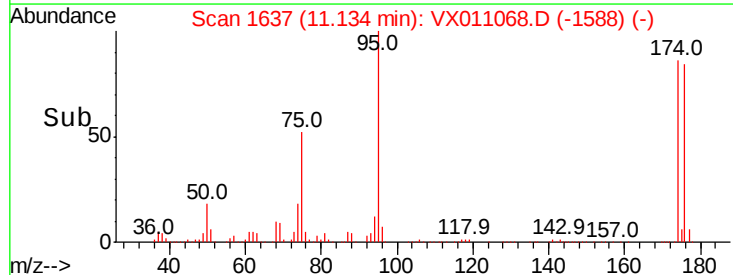
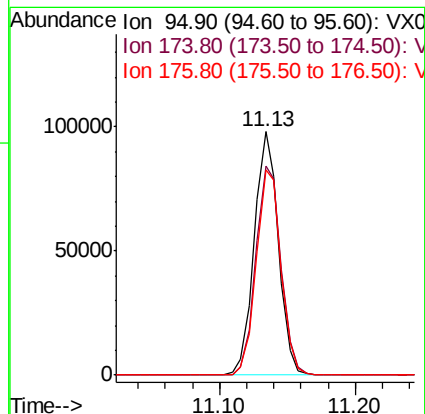
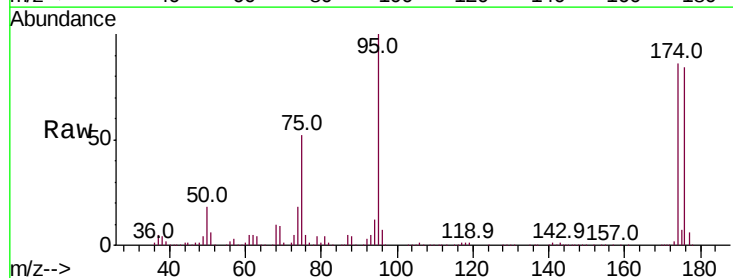
Tgt Ion: 95 Resp: 122498

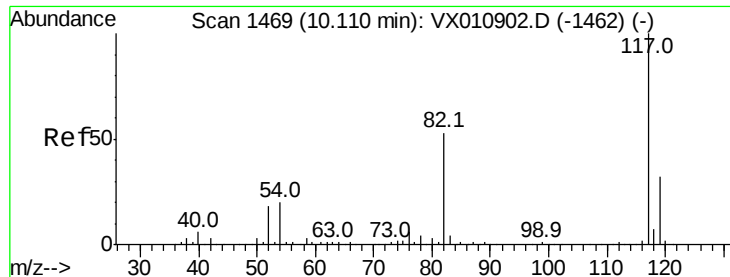
Ion Ratio Lower Upper

95 100

174 89.7 0.0 180.6

176 86.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

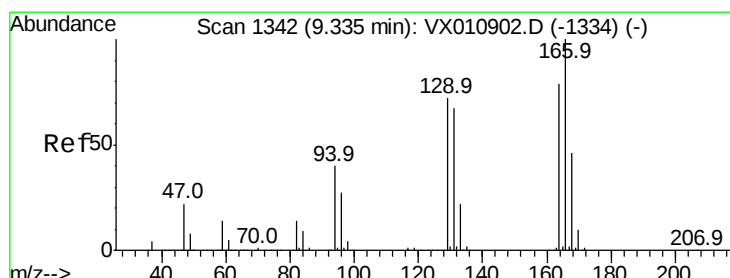
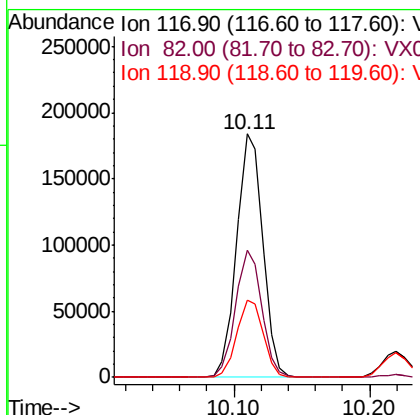
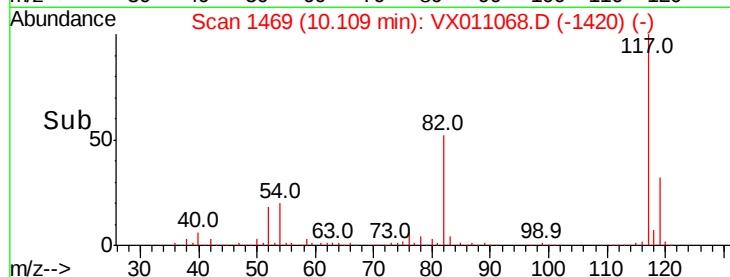
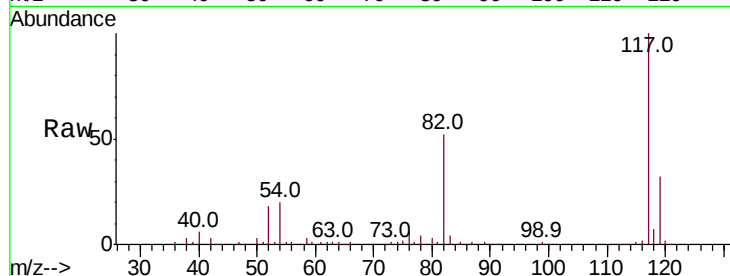
ClientSampleId :

VX0725WBS01

Tot Ion:	117	Resp:	246991
Ion Ratio	Lower	Upper	
117	100		
82	52.4	42.6	63.8
119	31.8	25.9	38.9

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#64

Tetrachloroethene

Concen: 18.092 ug/l

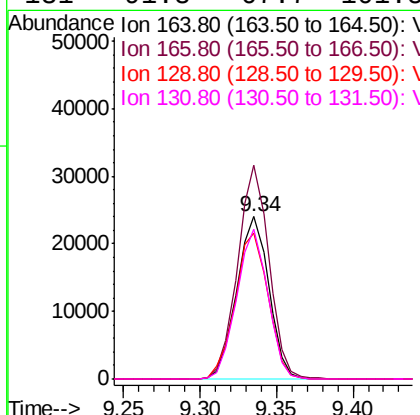
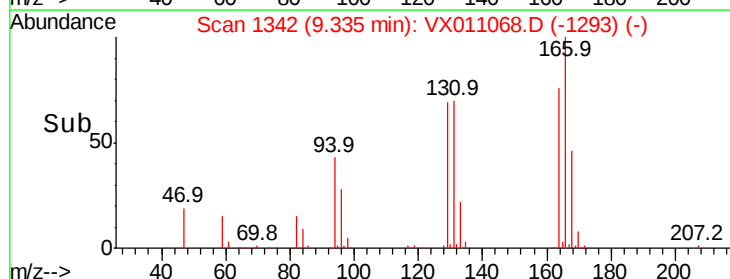
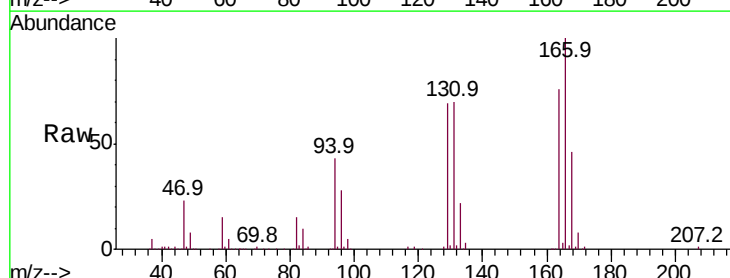
RT: 9.34 min Scan# 1342

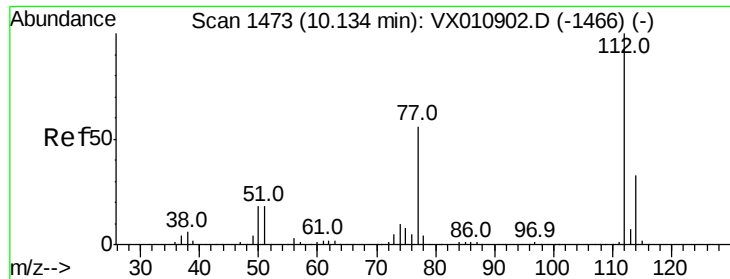
Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Tgt Ion:	164	Resp:	35153
Ion Ratio	Lower	Upper	
164	100		
166	131.5	100.8	151.2
129	90.2	72.6	109.0
131	91.8	67.7	101.5





#65

Chlorobenzene

Concen: 20.621 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS01

Tot Ion:112 Resp: 104608

Ion Ratio Lower Upper

112 100

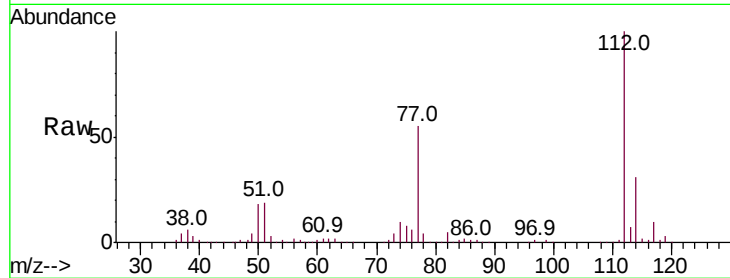
114 31.0 26.2 39.4

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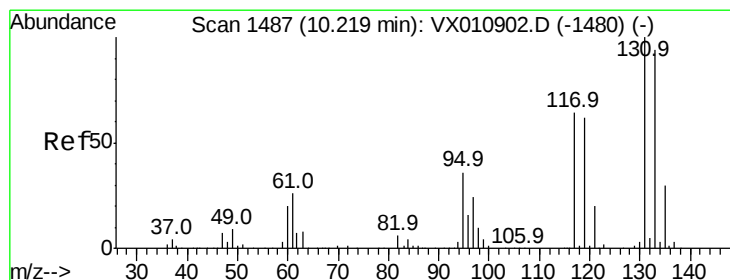
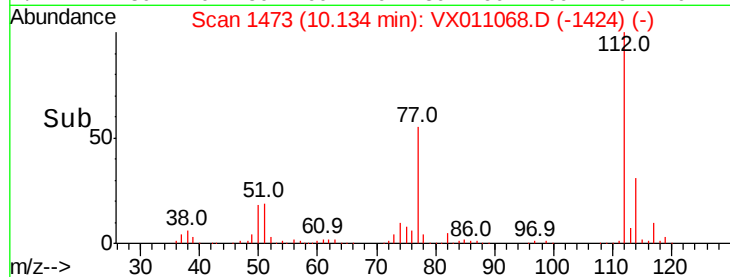
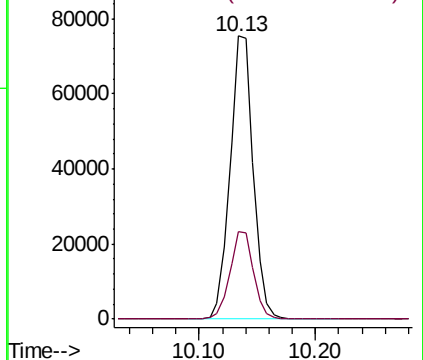
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.808 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

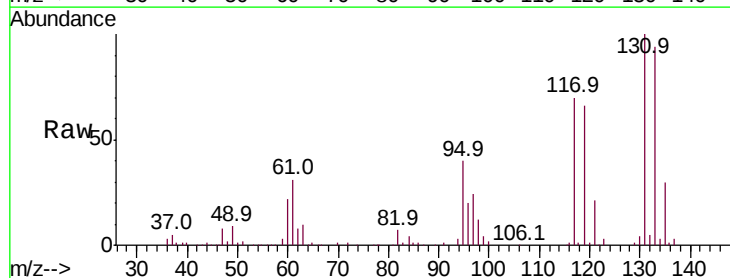
Tgt Ion:131 Resp: 38882

Ion Ratio Lower Upper

131 100

133 94.9 47.1 141.4

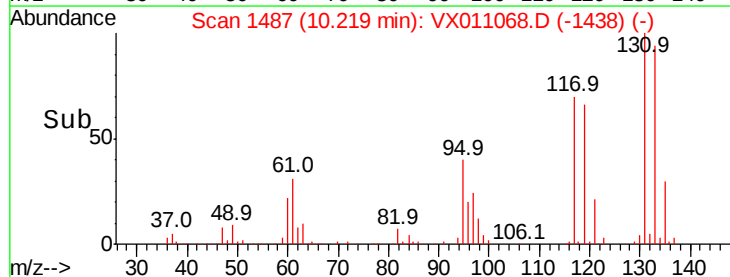
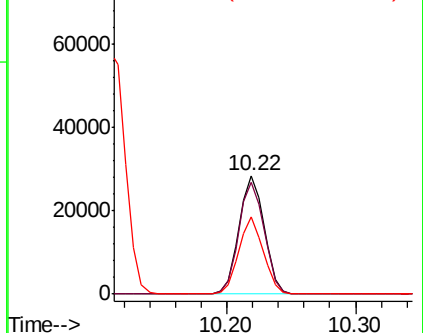
119 63.2 31.9 95.7

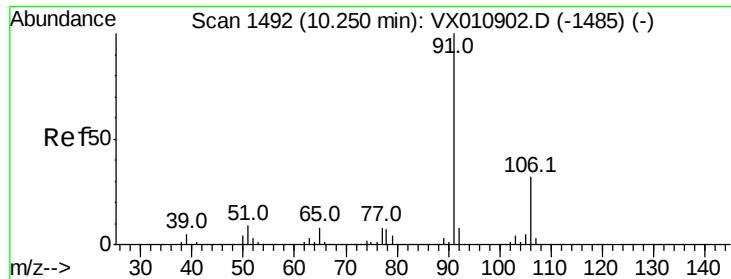


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





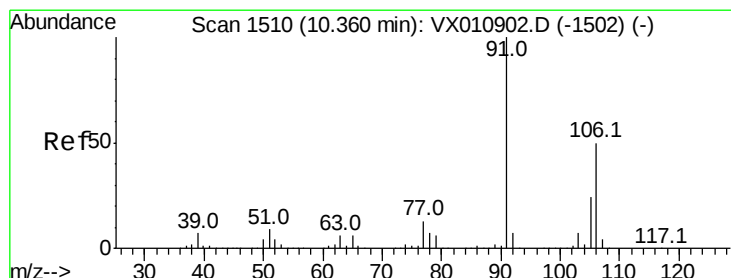
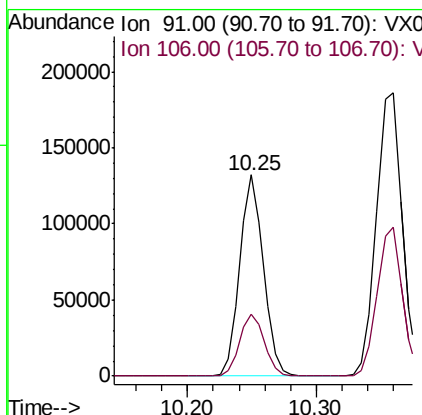
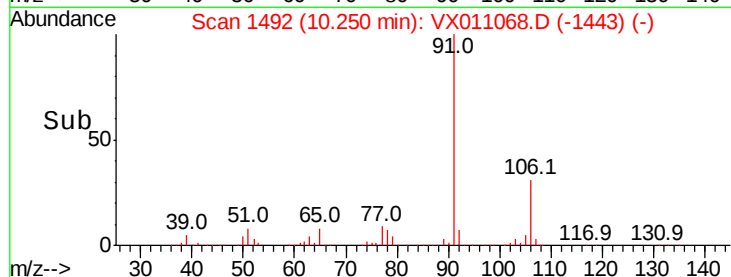
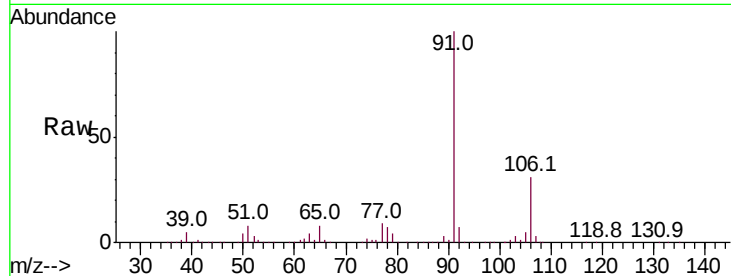
#67
Ethyl Benzene
Concen: 19.539 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

Tot Ion: 91 Resp: 168713
Ion Ratio Lower Upper
91 100
106 30.9 25.4 38.2

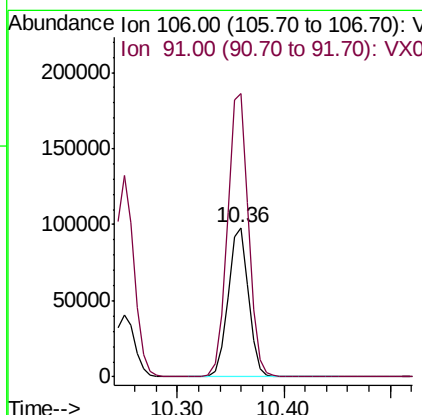
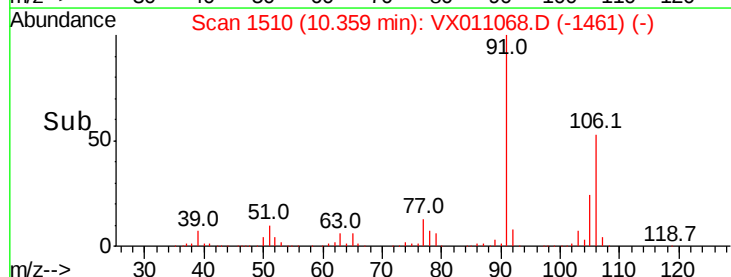
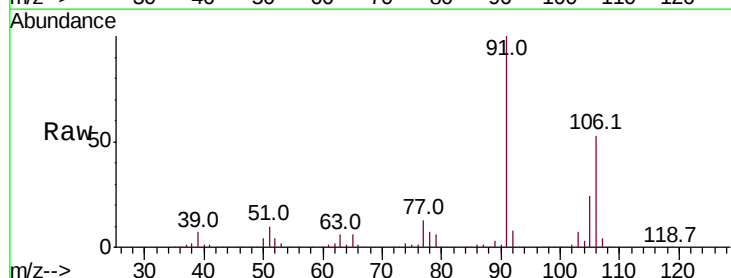
Manual Integrations
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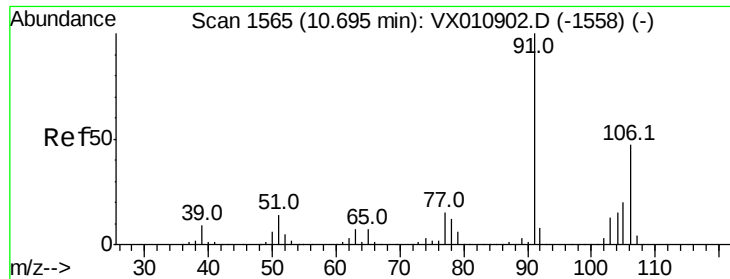
MMDadoda
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#68
m/p-Xylenes
Concen: 39.732 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Tgt Ion: 106 Resp: 131602
Ion Ratio Lower Upper
106 100
91 195.6 160.1 240.1





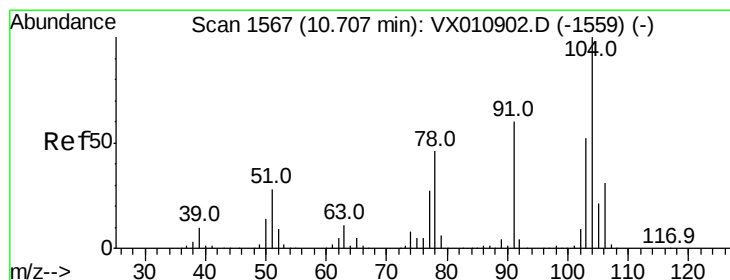
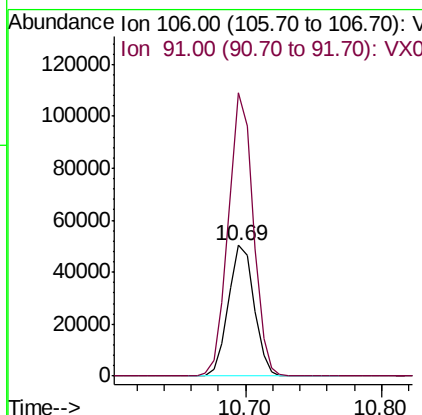
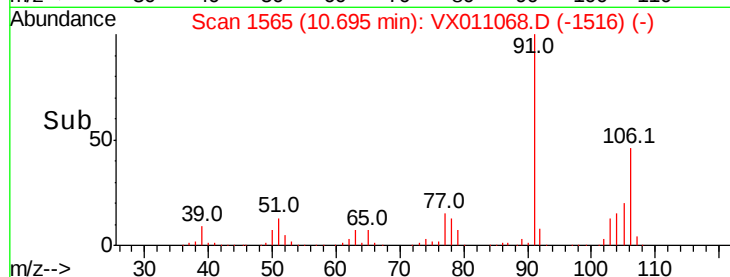
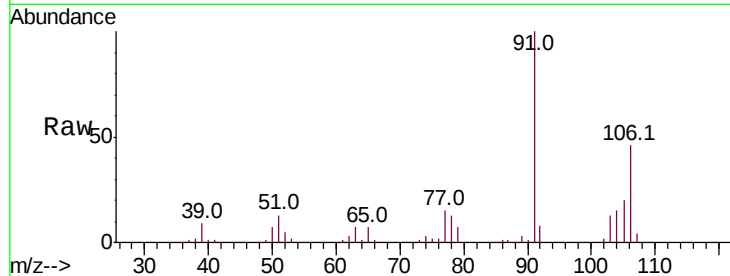
#69
o-Xylene
Concen: 20.619 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

Tot Ion:106 Resp: 66652
Ion Ratio Lower Upper
106 100
91 209.0 105.1 315.3

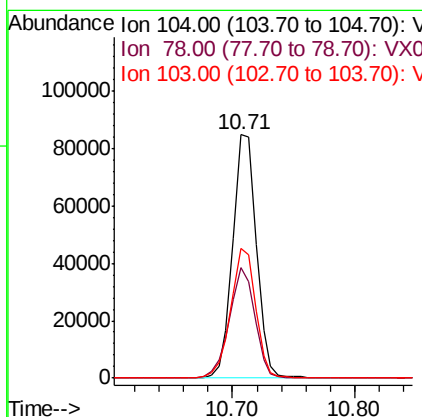
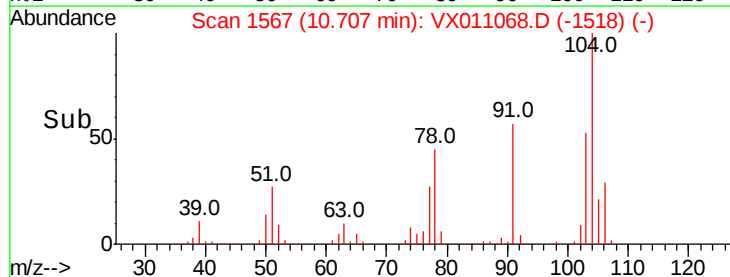
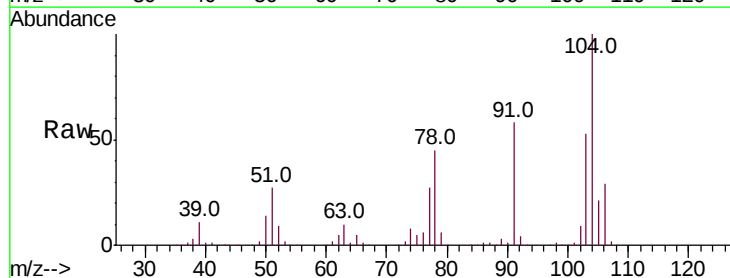
Manual Integrations
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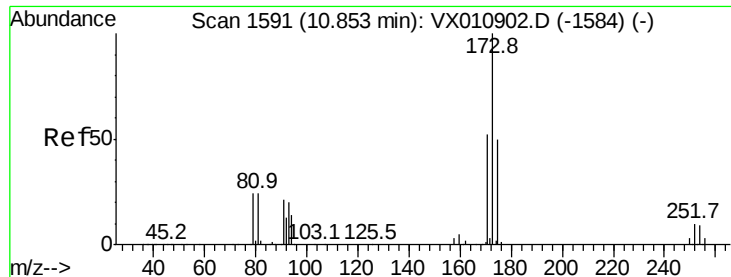
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#70
Styrene
Concen: 21.059 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Tgt Ion:104 Resp: 113482
Ion Ratio Lower Upper
104 100
78 48.7 38.8 58.2
103 56.3 44.2 66.4





#71

Bromoform

Concen: 20.226 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS01

Tot Ion:173 Resp: 30238

Ion Ratio Lower Upper

173 100

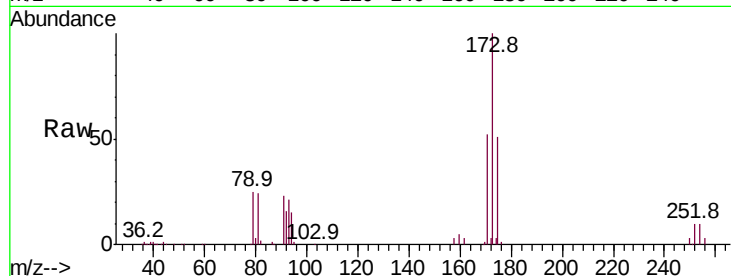
175 51.7 24.6 73.6

254 0.0 0.1 0.1#

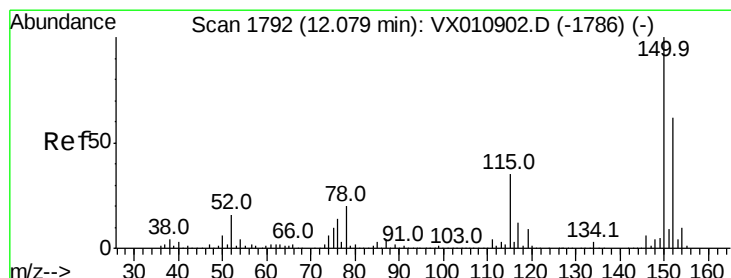
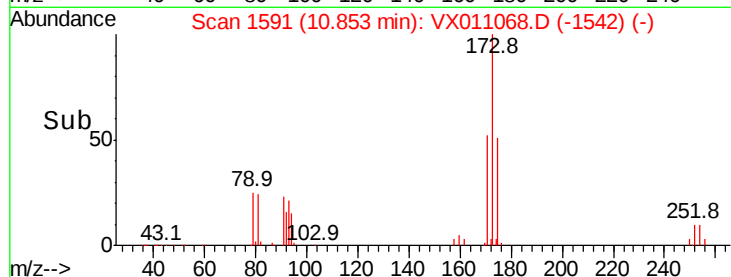
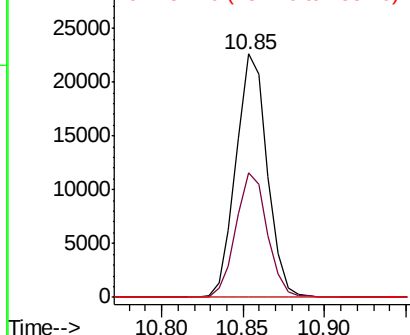
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

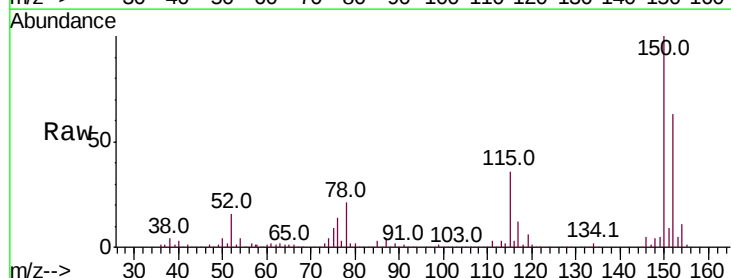
Tgt Ion:152 Resp: 124500

Ion Ratio Lower Upper

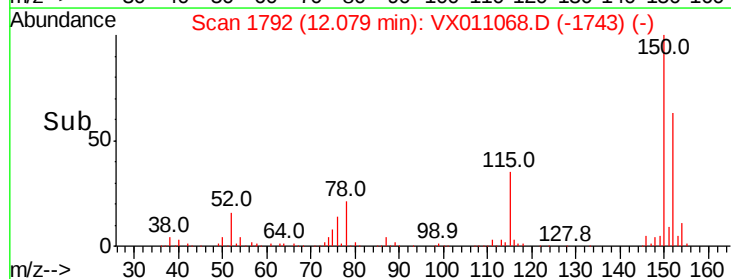
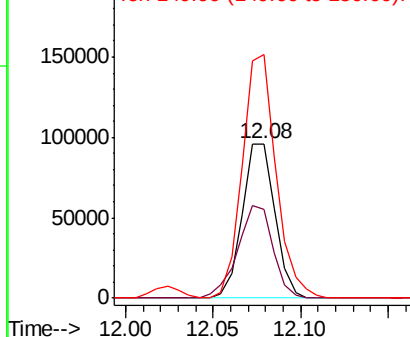
152 100

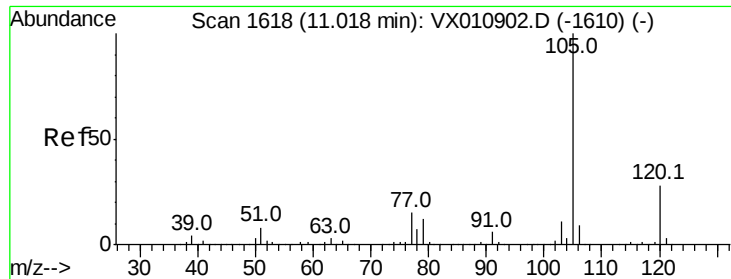
115 64.8 39.7 119.1

150 162.9 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





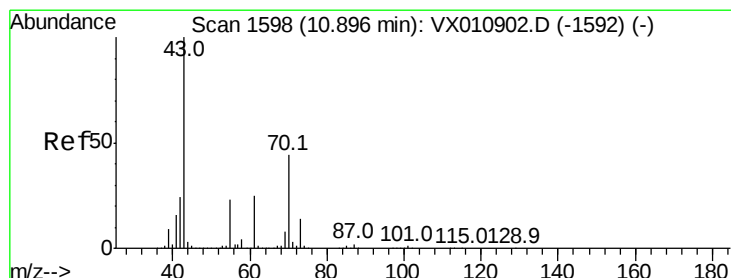
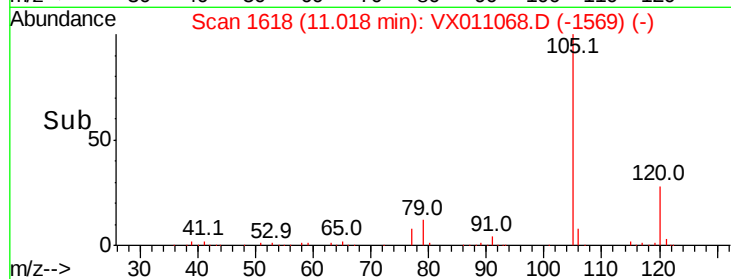
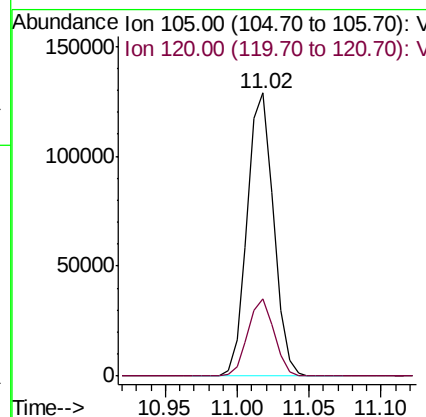
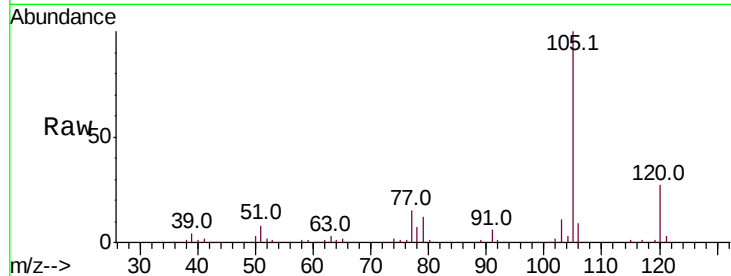
#73
Isopropylbenzene
Concen: 19.422 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

Tot Ion: 105 Resp: 163384
Ion Ratio Lower Upper
105 100
120 27.0 13.7 41.1

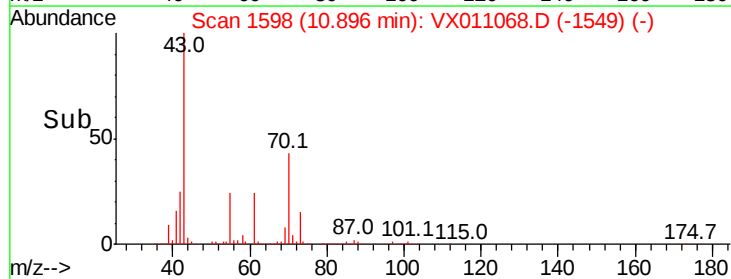
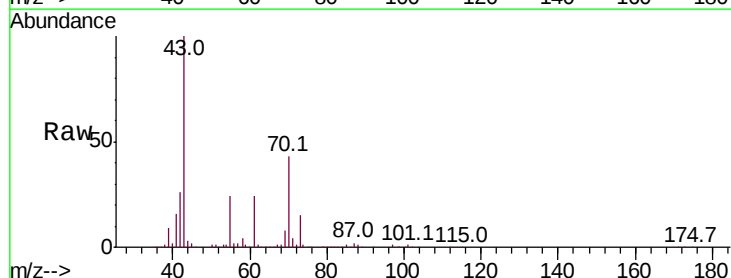
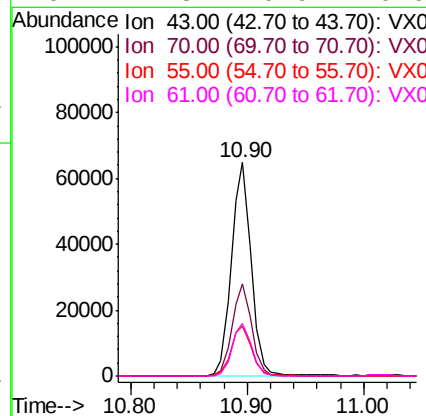
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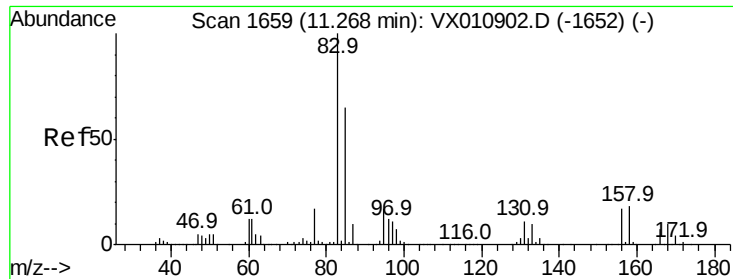
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#74
N-ethyl acetate
Concen: 23.403 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Tgt Ion: 43 Resp: 75225
Ion Ratio Lower Upper
43 100
70 43.6 34.7 52.1
55 25.3 19.1 28.7
61 24.8 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 23.970 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

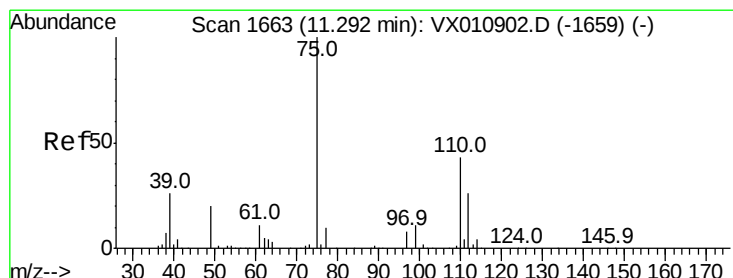
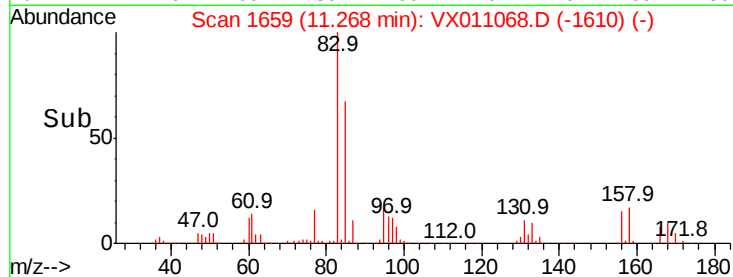
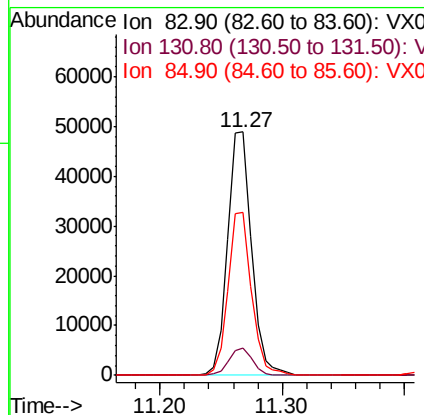
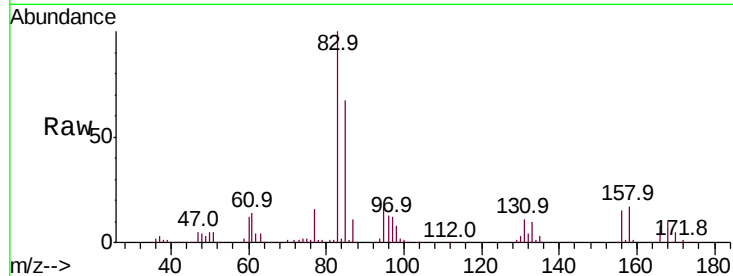
ClientSampleId :

VX0725WBS01

Tot Ion:	83	Resp:	65991
Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.5	16.4
85	65.8	32.3	96.9

Manual Integrations
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7/26/2019 9:49:21 AM



#76

1,2,3-Trichloropropane

Concen: 24.922 ug/l m

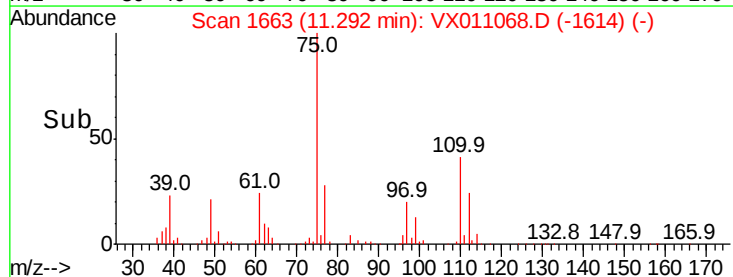
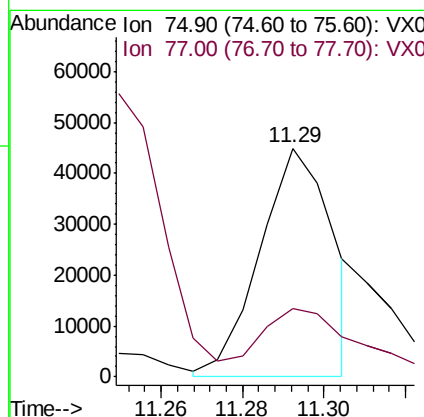
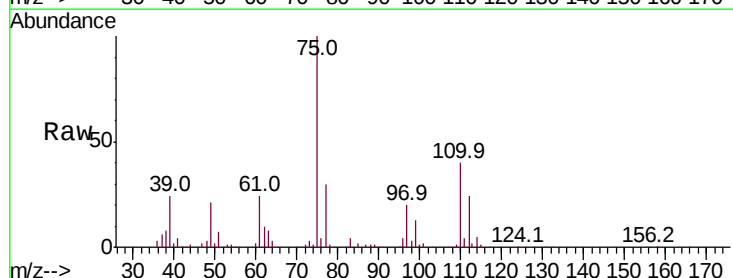
RT: 11.29 min Scan# 1663

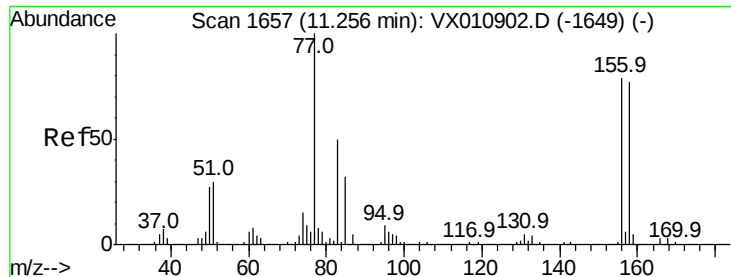
Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Tgt Ion:	75	Resp:	55992
Ion	Ratio	Lower	Upper
75	100		
77	40.2	21.3	64.0





#77

Bromobenzene

Concen: 21.606 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

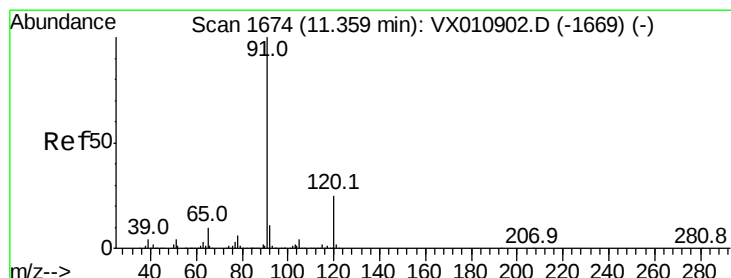
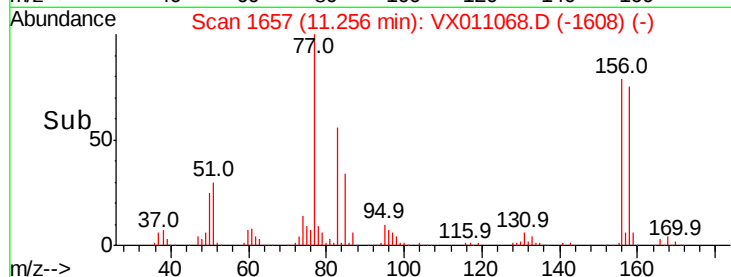
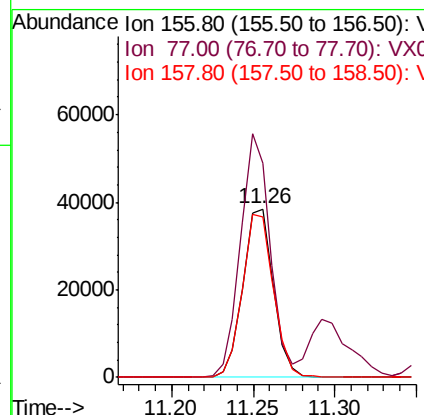
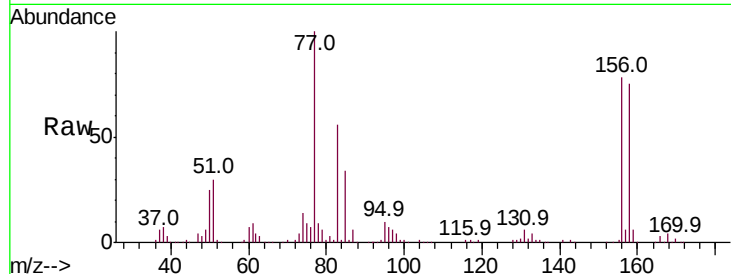
ClientSampleId :

VX0725WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	141.0	68.7	206.1
158	98.9	47.9	143.7

Manual Integrations
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#78

n-propylbenzene

Concen: 18.905 ug/l

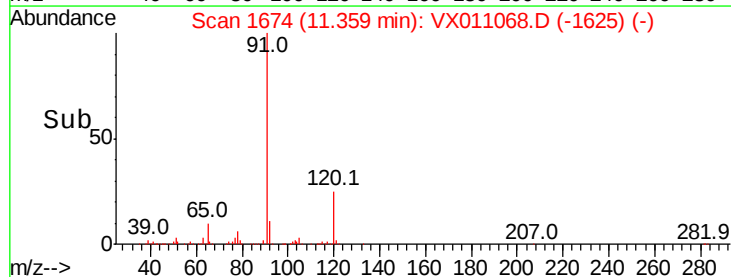
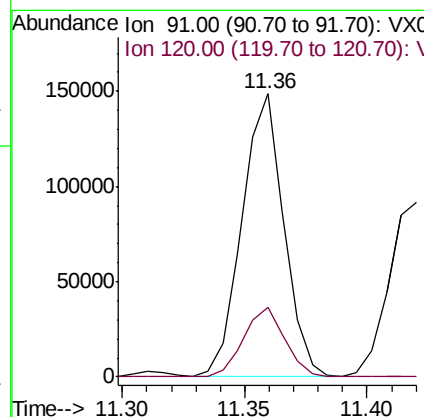
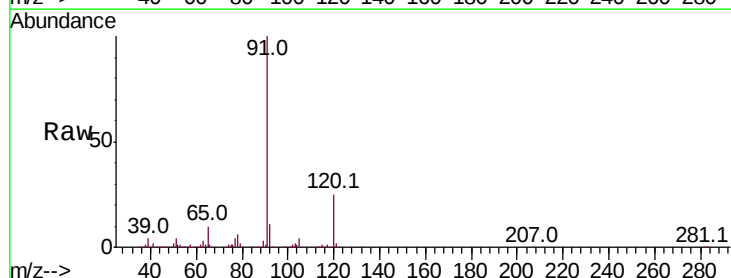
RT: 11.36 min Scan# 1674

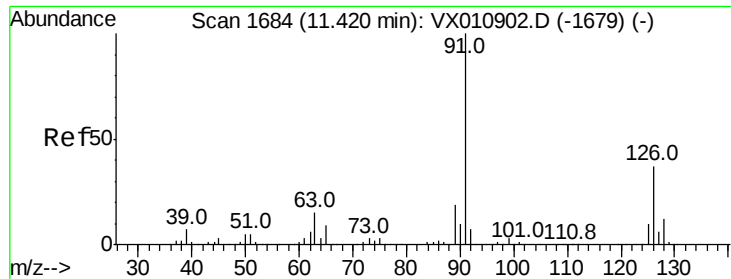
Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.4	12.3	36.8





#79

2-Chlorotoluene

Concen: 20.898 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS01

Tot Ion: 91 Resp: 116688

Ion Ratio Lower Upper

91 100

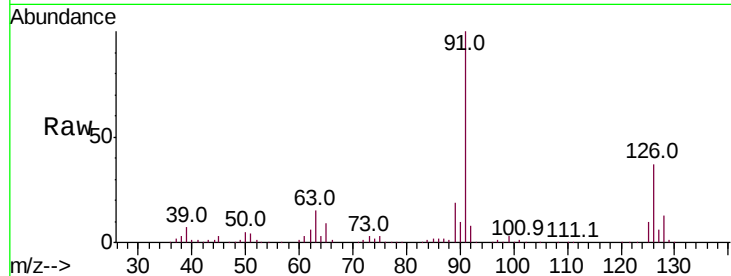
126 36.5 18.0 54.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

150000

100000

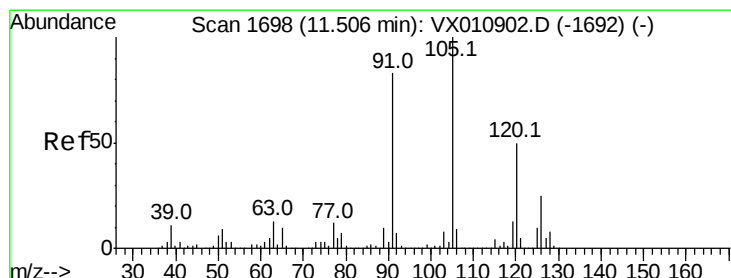
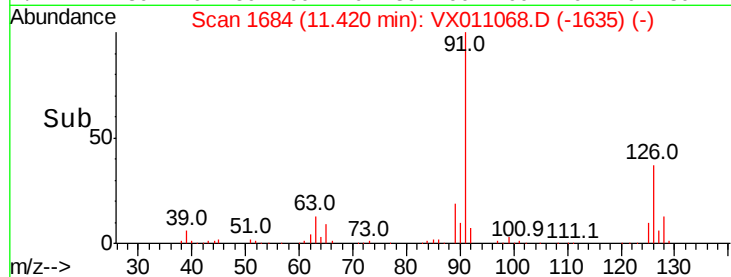
50000

0

11.42

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.119 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011068.D

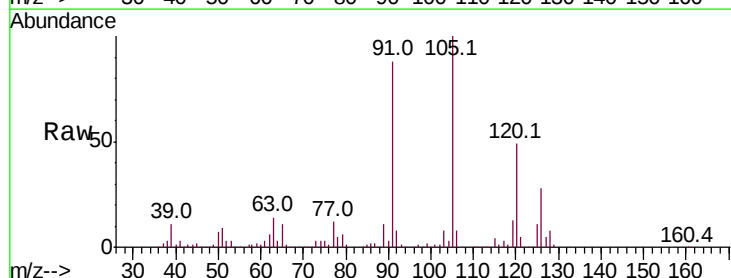
Acq: 25 Jul 2019 11:22

Tgt Ion:105 Resp: 141427

Ion Ratio Lower Upper

105 100

120 48.9 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

100000

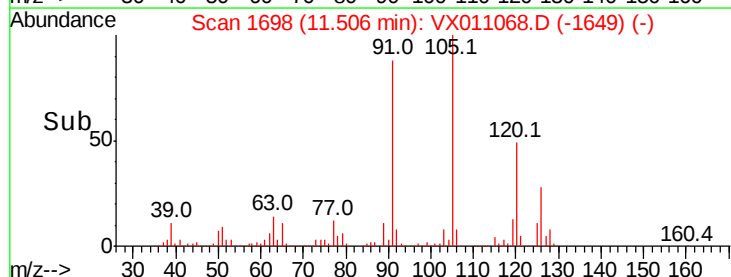
50000

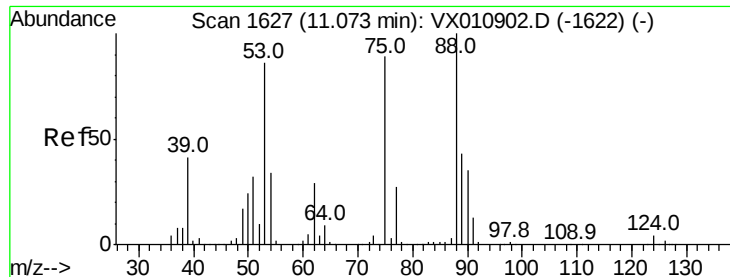
0

11.51

11.50 11.60

Time-->





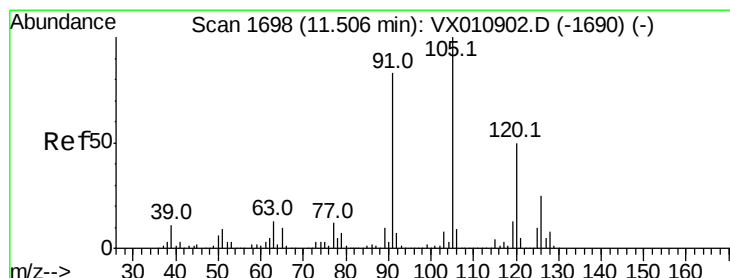
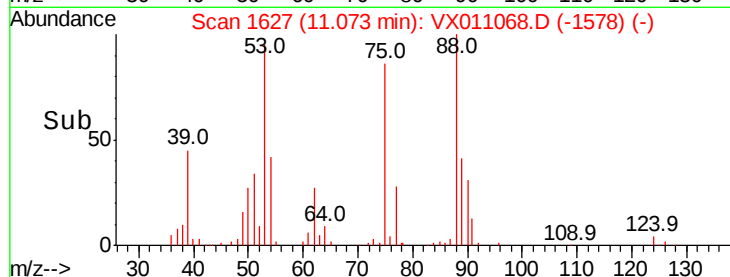
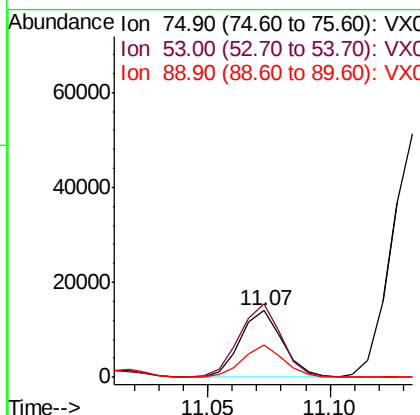
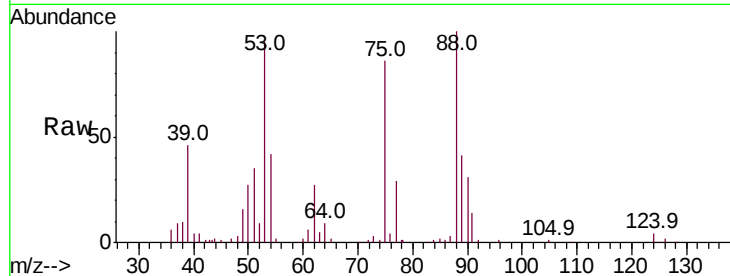
#81
trans-1,4-Dichloro-2-butene
Concen: 21.562 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0725WS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	111.1	76.7	115.1
89	47.7	38.5	57.7

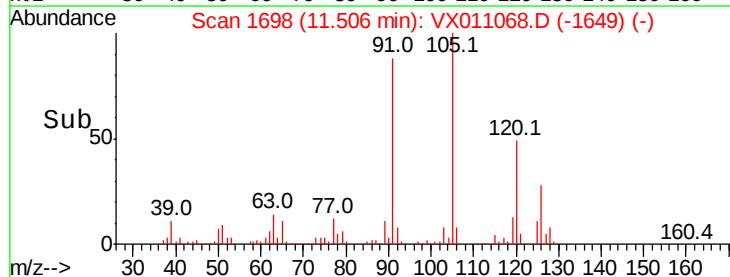
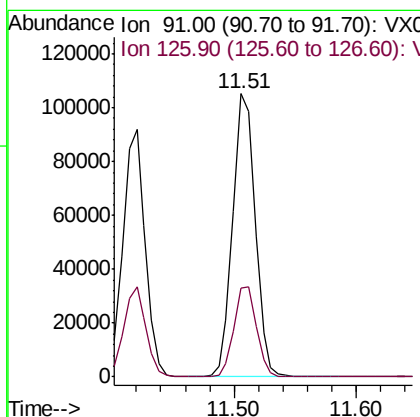
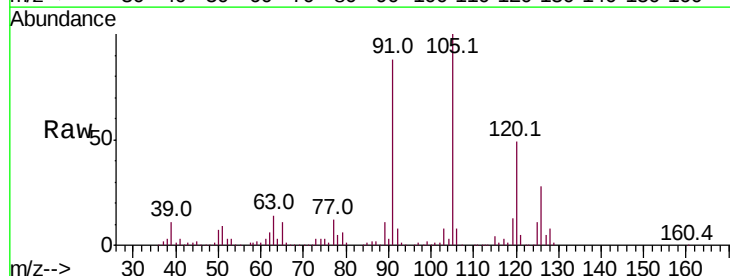
Manual Integrations
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#82
4-Chlorotoluene
Concen: 20.573 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.0	15.9	47.7





#83

tert-Butylbenzene

Concen: 19.316 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

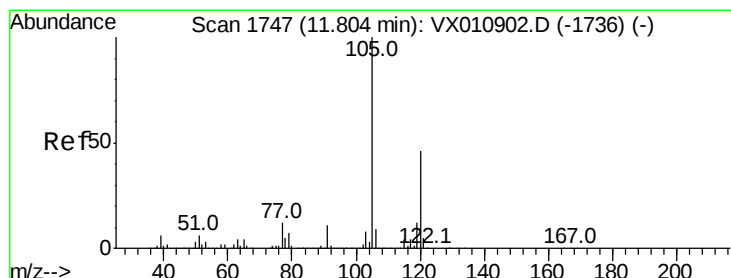
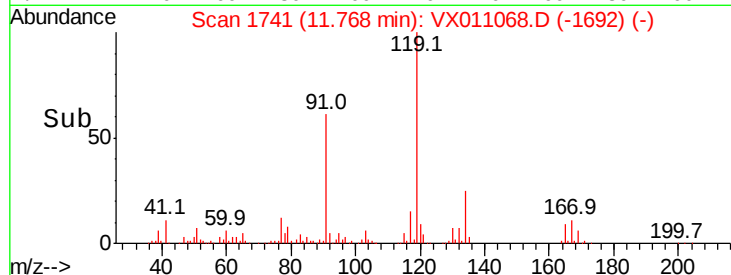
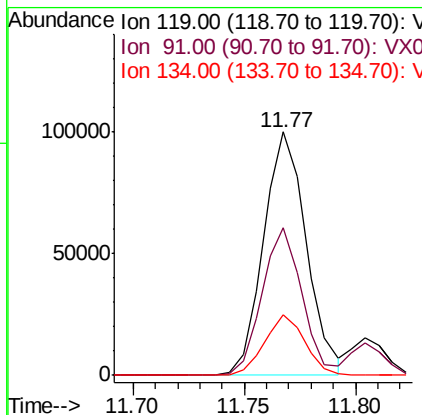
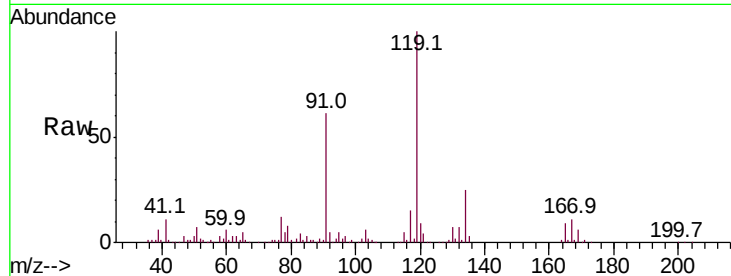
ClientSampleId :

VX0725WBS01

Tot Ion:	119	Resp:	133370
Ion Ratio	Lower	Upper	
119	100		
91	56.9	28.6	85.8
134	23.8	11.6	34.8

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#84

1,2,4-Trimethylbenzene

Concen: 20.513 ug/l

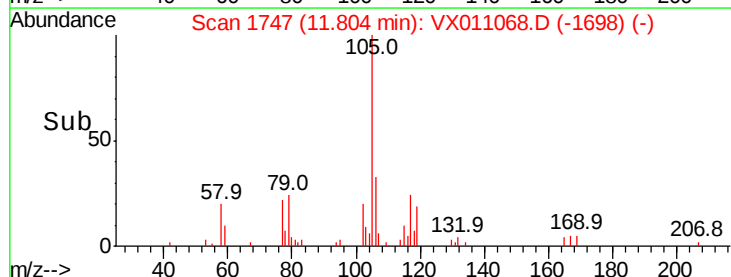
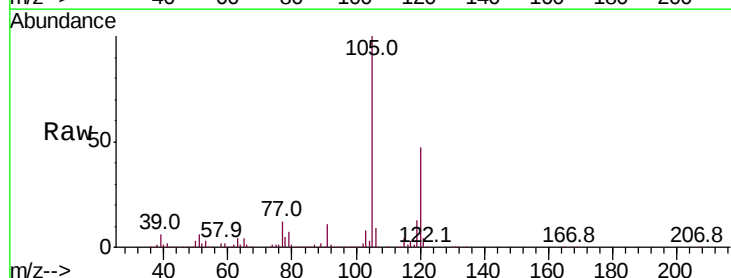
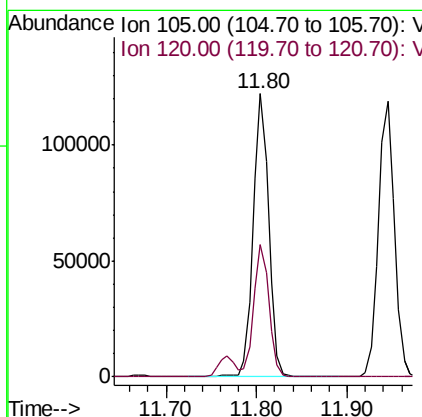
RT: 11.80 min Scan# 1747

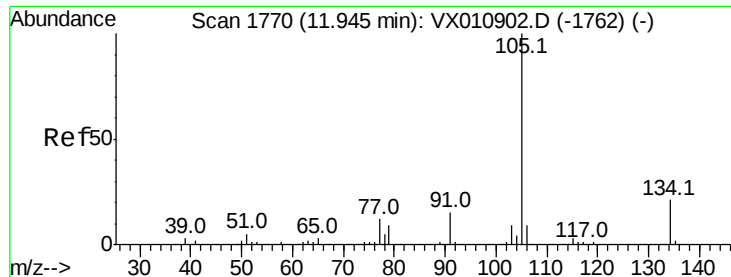
Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Tgt Ion:	105	Resp:	145335
Ion Ratio	Lower	Upper	
105	100		
120	46.1	22.9	68.5





#85

sec-Butylbenzene

Concen: 17.951 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0725WBS01

Tot Ion:105 Resp: 145231

Ion Ratio Lower Upper

105 100

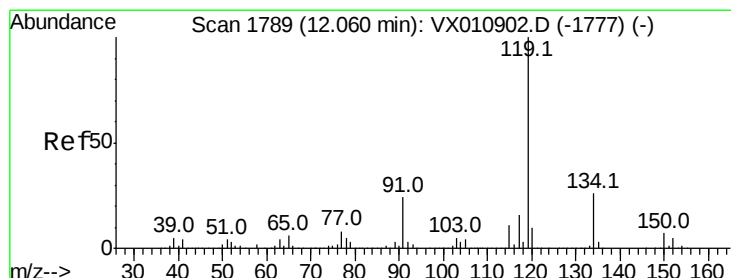
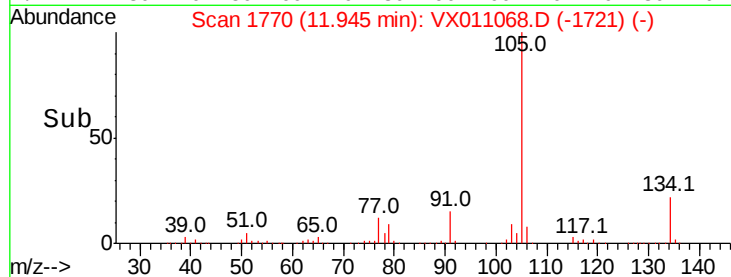
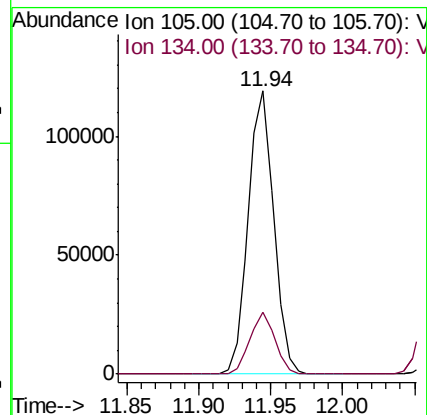
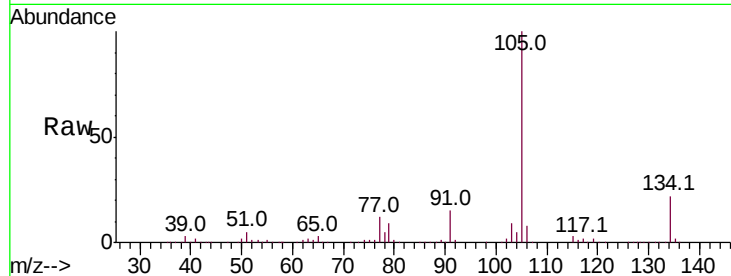
134 21.5 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 18.514 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011068.D

Acq: 25 Jul 2019 11:22

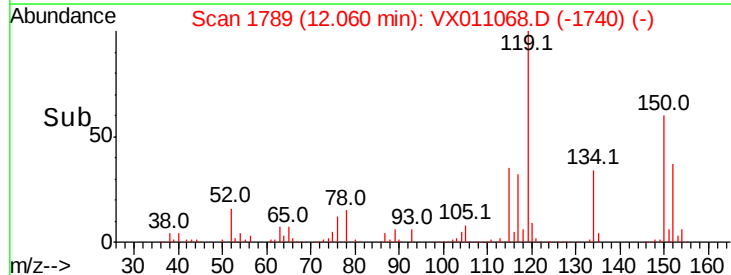
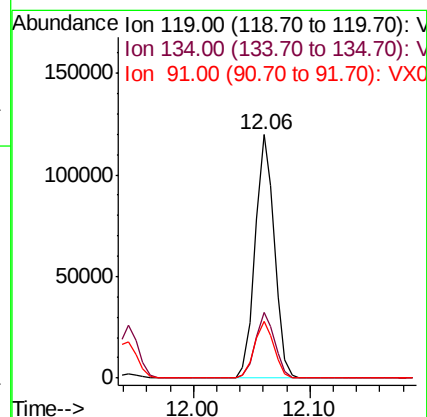
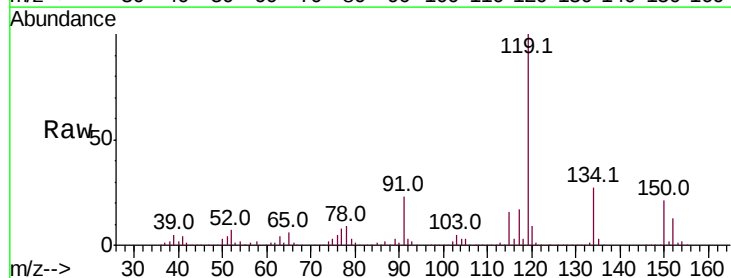
Tgt Ion:119 Resp: 138479

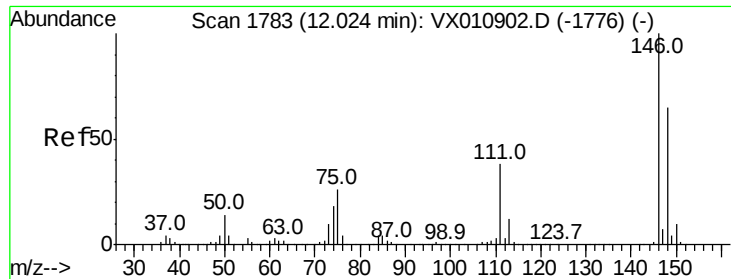
Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

91 23.9 11.8 35.4





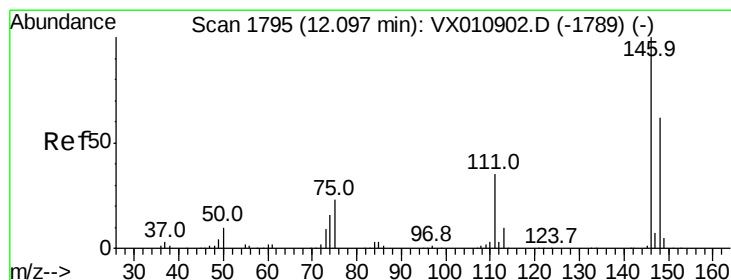
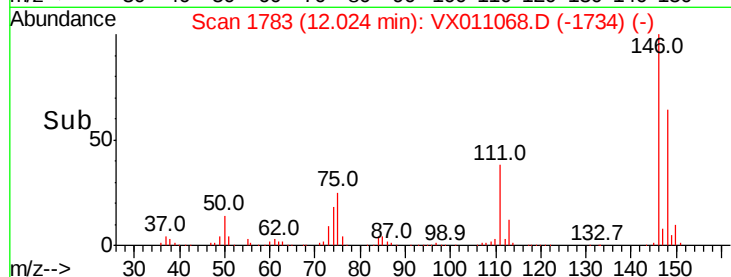
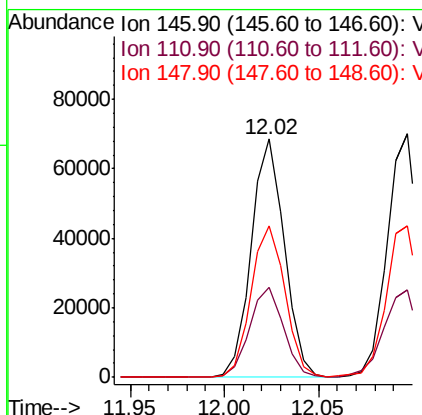
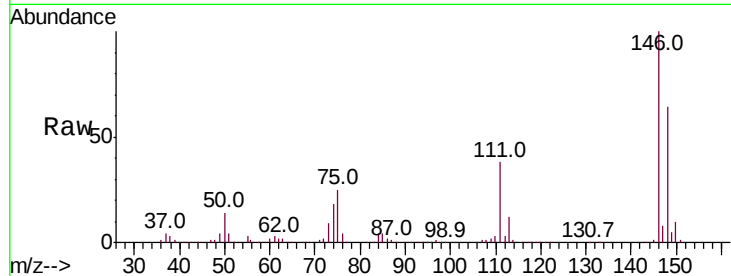
#87
 1,3-Dichlorobenzene
 Concen: 20.782 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.9	56.9
148	65.3	32.2	96.6

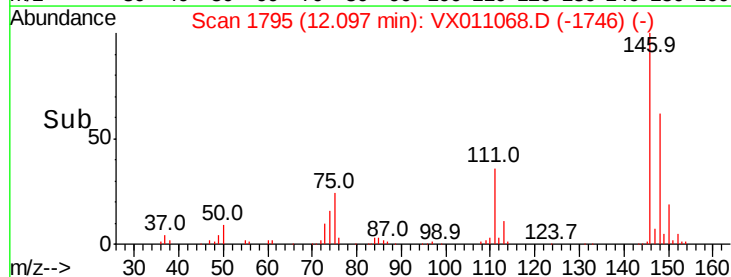
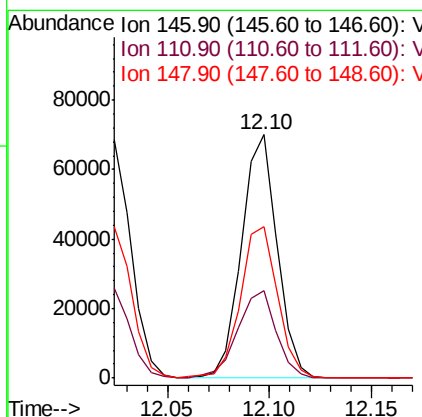
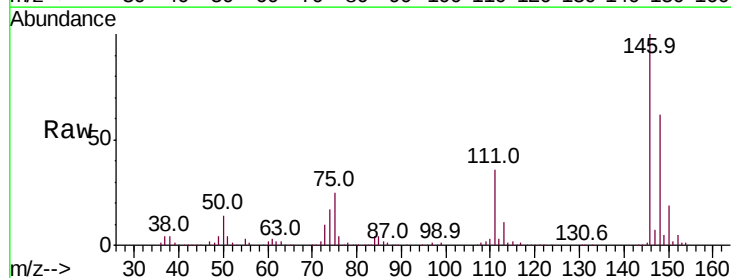
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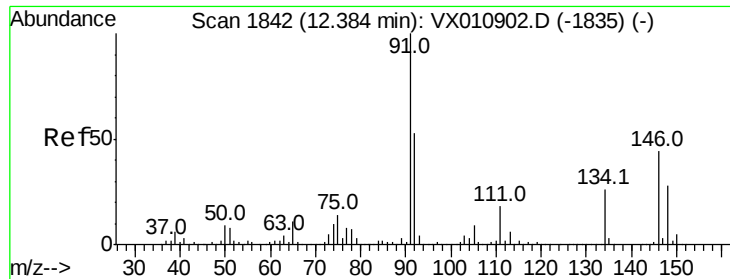
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#88
 1,4-Dichlorobenzene
 Concen: 20.524 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	18.6	55.8
148	65.1	31.6	94.7





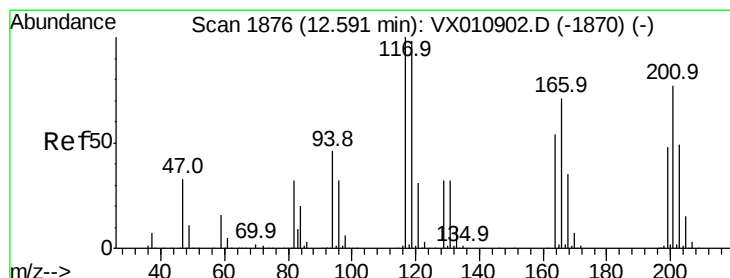
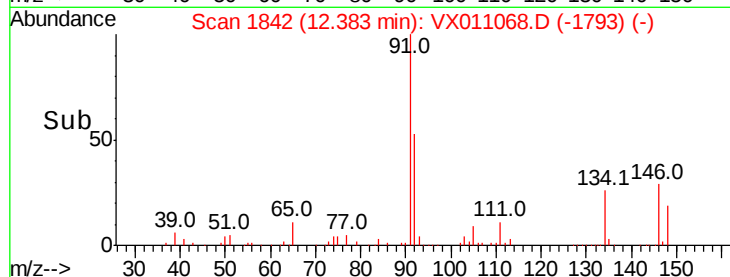
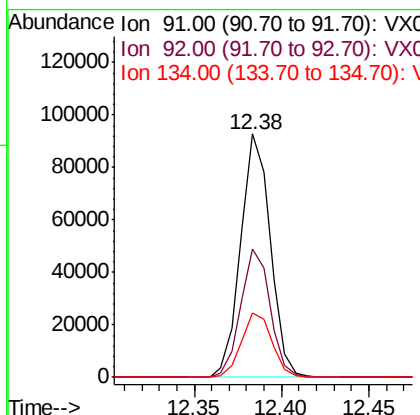
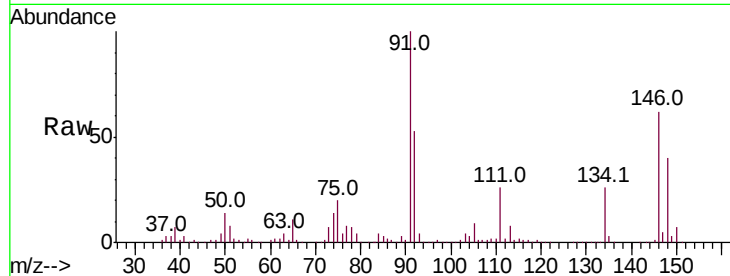
#89
n-Butylbenzene
Concen: 17.120 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0725WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.2	78.5
134	27.1	13.8	41.3

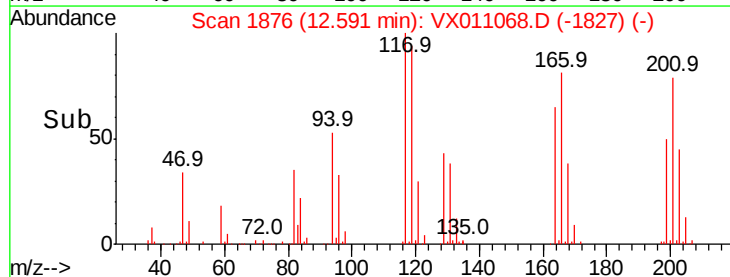
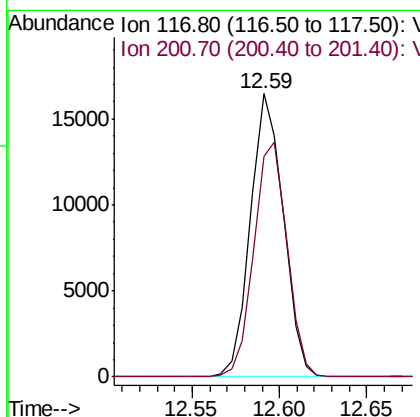
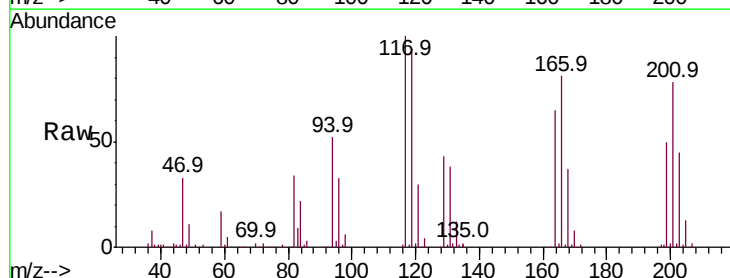
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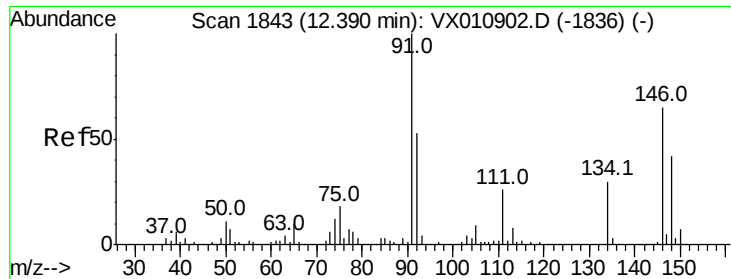
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#90
Hexachloroethane
Concen: 18.292 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.4	43.3	129.8





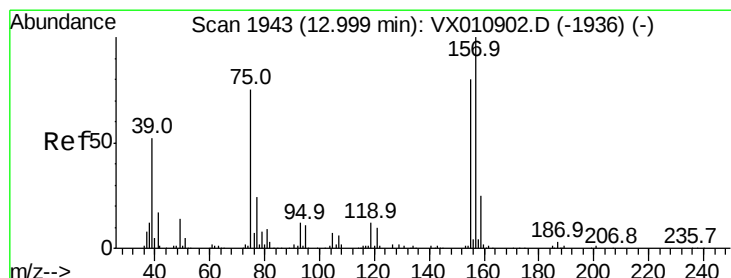
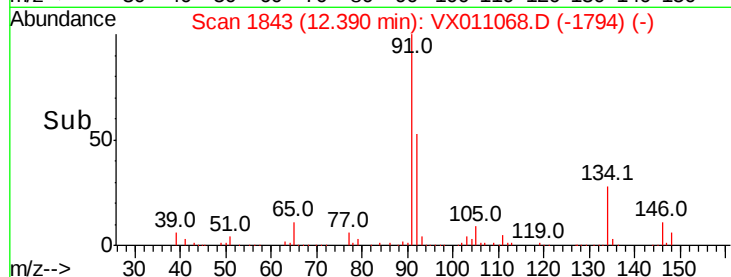
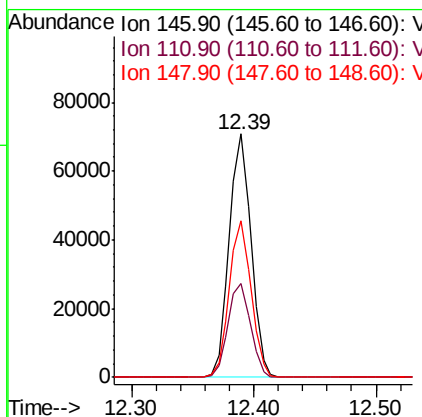
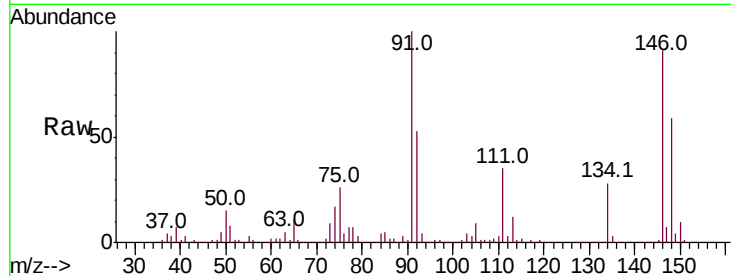
#91
 1,2-Dichlorobenzene
 Concen: 21.933 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.9	59.7
148	64.1	32.0	96.2

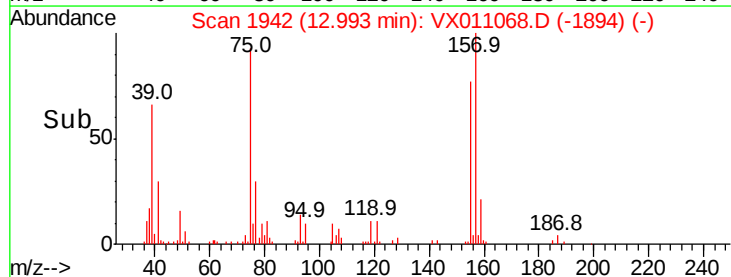
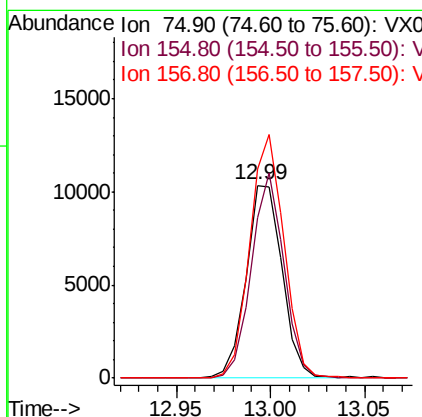
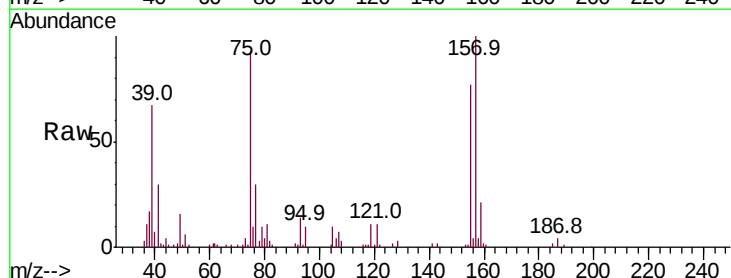
Manual Integrations
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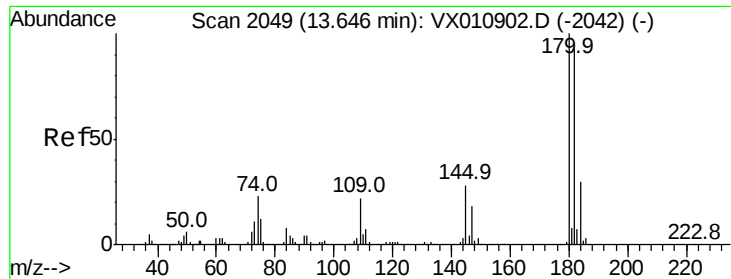
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.772 ug/l
 RT: 12.99 min Scan# 1942
 Delta R.T. -0.01 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.9	48.7	146.1
157	119.6	62.5	187.6





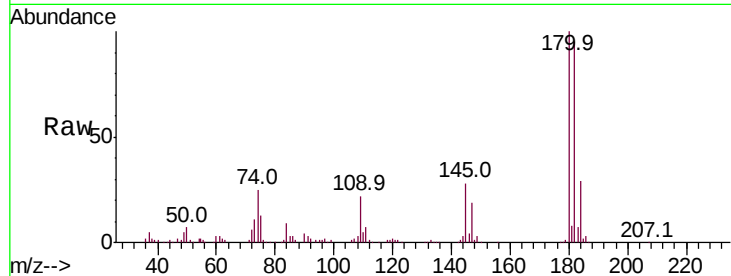
#93
 1,2,4-Trichlorobenzene
 Concen: 19.854 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0725WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	53701		
182	95.2	47.1	141.3	
145	29.6	14.8	44.4	

Manual Integrations
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MMDadoda
 7/26/2019 9:49:21 AM

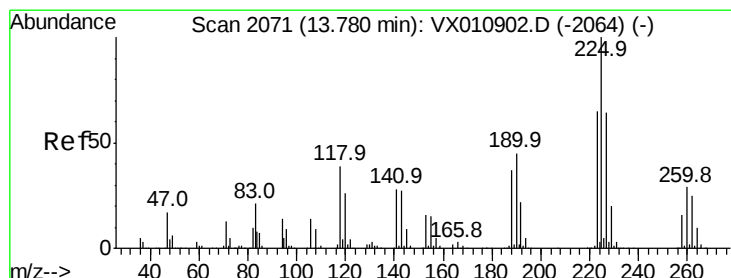
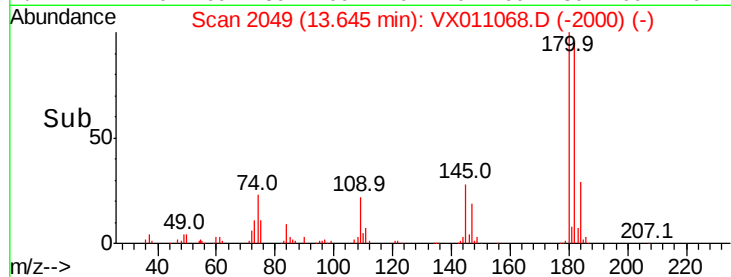
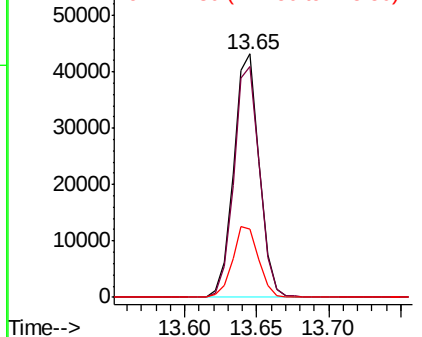


Abundance

Ion 179.80 (179.50 to 180.50): V

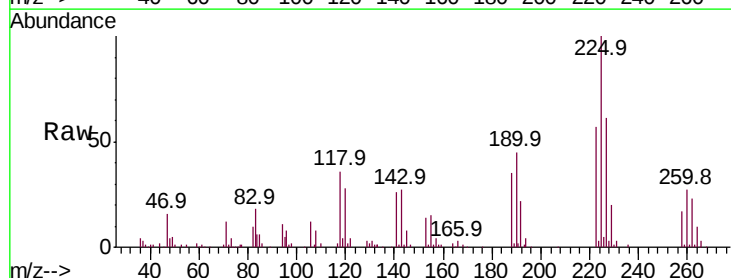
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 15.526 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011068.D
 Acq: 25 Jul 2019 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	20810		
223	62.5	31.9	95.9	
227	60.3	32.5	97.4	

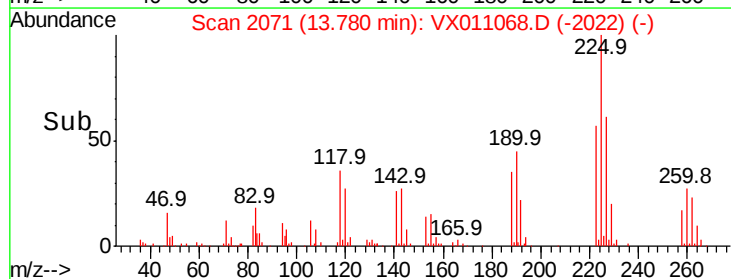
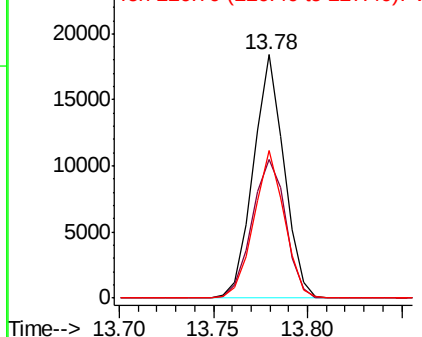


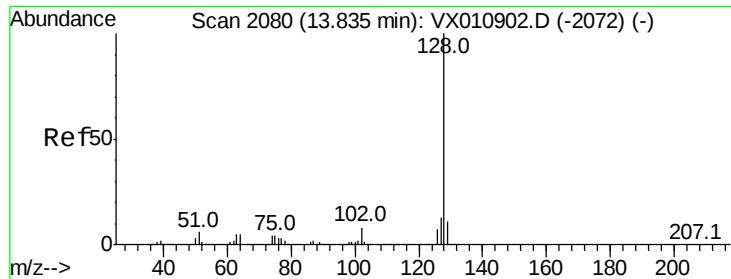
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





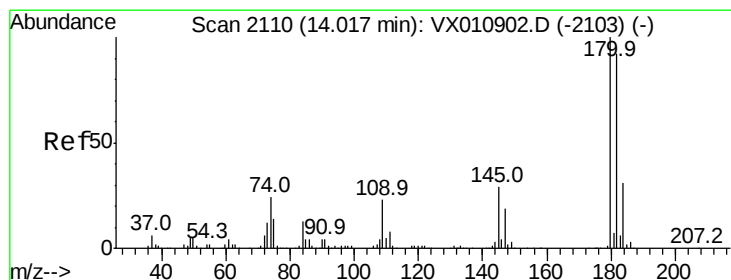
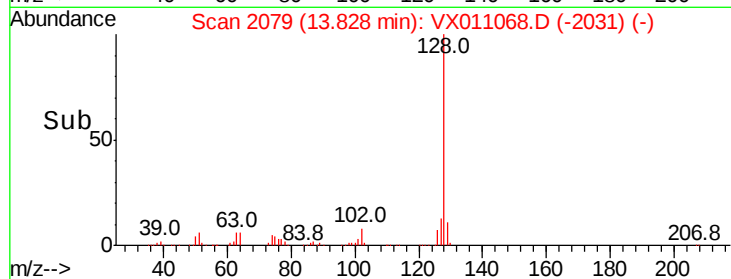
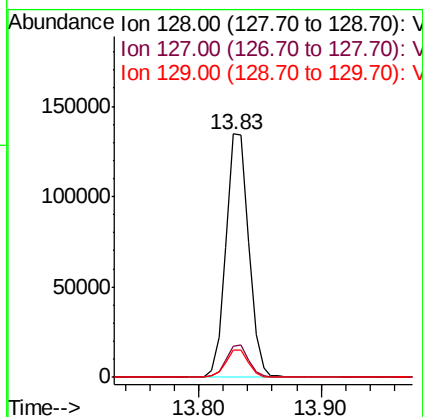
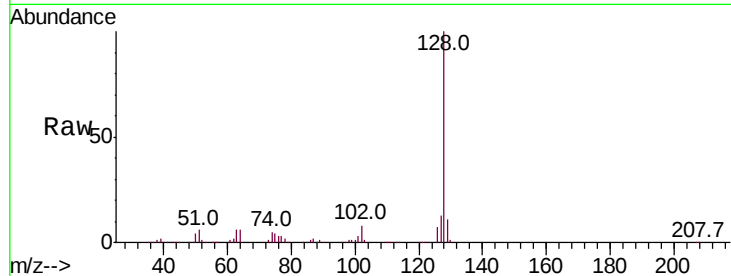
#95
Naphthalene
Concen: 21.705 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0725WS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.1	8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 20.705 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011068.D
Acq: 25 Jul 2019 11:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.4	142.3
145	31.1	15.1	45.3

