

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072118\
 Data File : VX003553.D
 Acq On : 21 Jul 2018 14:28
 Operator : JC/SP
 Sample : VX0721WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0721WBSD01

Manual Integrations
 APPROVED

Quant Time: Jul 23 02:13:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

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 7/23/2018 3:19:36 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	255553	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	373928	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	352566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206266	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	175468	58.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.02%	
35) Dibromofluoromethane	5.51	113	150119	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
50) Toluene-d8	8.72	98	550329	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
62) 4-Bromofluorobenzene	11.14	95	198479	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	41324	19.936	ug/l	100
3) Chloromethane	1.32	50	57025	22.020	ug/l	98
4) Vinyl Chloride	1.40	62	60202	18.544	ug/l	99
5) Bromomethane	1.64	94	34929	25.848	ug/l	100
6) Chloroethane	1.73	64	41071	21.380	ug/l	98
7) Trichlorofluoromethane	1.93	101	84758	19.569	ug/l	98
8) Diethyl Ether	2.19	74	39822	21.408	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	54825	19.340	ug/l	98
10) Methyl Iodide	2.51	142	74080	21.754	ug/l	92
11) Tert butyl alcohol	3.07	59	72808	121.631	ug/l	99
12) 1,1-Dichloroethene	2.37	96	50975	19.530	ug/l	90
13) Acrolein	2.29	56	25427	94.014	ug/l	99
14) Allyl chloride	2.73	41	96382	20.859	ug/l	87
15) Acrylonitrile	3.15	53	177712	116.609	ug/l	98
16) Acetone	2.45	43	135025	118.169	ug/l	90
17) Carbon Disulfide	2.57	76	132118	18.715	ug/l	98
18) Methyl Acetate	2.78	43	88766	24.642	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	197606	23.184	ug/l	99
20) Methylene Chloride	2.86	84	65775	23.076	ug/l	87
21) trans-1,2-Dichloroethene	3.17	96	58204	20.042	ug/l	93
22) Diisopropyl ether	3.87	45	197986	22.772	ug/l	97
23) Vinyl Acetate	3.82	43	818654	114.309	ug/l	95
24) 1,1-Dichloroethane	3.70	63	107195	21.014	ug/l	99
25) 2-Butanone	4.71	43	238606	124.459	ug/l	91
26) 2,2-Dichloropropane	4.59	77	79123	20.422	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	69393	21.460	ug/l	84
28) Bromochloromethane	5.03	49	51073	22.906	ug/l	93
29) Tetrahydrofuran	5.17	42	154170	121.734	ug/l	93
30) Chloroform	5.21	83	114702	23.027	ug/l	100
31) Cyclohexane	5.57	56	90756	19.912	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	90980	21.329	ug/l	97
36) 1,1-Dichloropropene	5.80	75	77816	19.275	ug/l	98
37) Ethyl Acetate	4.87	43	90125	23.591	ug/l	95
38) Carbon Tetrachloride	5.78	117	77271	19.513	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	89124	18.639	ug/l	96
40) Benzene	6.15	78	252762	20.737	ug/l	99
41) Methacrylonitrile	5.07	41	52152	23.227	ug/l	94
42) 1,2-Dichloroethane	6.20	62	88619	23.075	ug/l	96
43) Isopropyl Acetate	6.47	43	141250	23.243	ug/l	94
44) Trichloroethene	7.21	130	73870	20.321	ug/l	97
45) 1,2-Dichloropropane	7.52	63	67817	21.911	ug/l	100
46) Dibromomethane	7.67	93	44998	22.583	ug/l	97
47) Bromodichloromethane	7.90	83	82165	22.524	ug/l #	87
48) Methyl methacrylate	7.78	41	71360	23.285	ug/l	87
49) 1,4-Dioxane	7.76	88	31990	460.698	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	470237	122.483	ug/l	93
52) Toluene	8.79	92	157302	20.502	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	96568	21.508	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	87824	21.751	ug/l	91
55) 1,1,2-Trichloroethane	9.22	97	68693	22.500	ug/l	98
56) Ethyl methacrylate	9.18	69	94033	21.867	ug/l #	85
57) 1,3-Dichloropropane	9.37	76	111572	22.608	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	237263	113.467	ug/l	99
59) 2-Hexanone	9.50	43	349124	122.735	ug/l	91
60) Dibromochloromethane	9.59	129	63988	21.174	ug/l	100
61) 1,2-Dibromoethane	9.68	107	70202	22.181	ug/l	99
64) Tetrachloroethene	9.34	164	83141	19.355	ug/l	97
65) Chlorobenzene	10.14	112	179623	19.774	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	63561	20.337	ug/l	99
67) Ethyl Benzene	10.26	91	287619	19.692	ug/l	99
68) m/p-Xylenes	10.36	106	227114	39.664	ug/l	97
69) o-Xylene	10.70	106	109594	19.793	ug/l	99
70) Styrene	10.71	104	185758	20.395	ug/l	97
71) Bromoform	10.86	173	48227	19.860	ug/l #	99
73) Isopropylbenzene	11.02	105	291489	20.433	ug/l	100
74) N-amyl acetate	6.47	43	141250	23.319	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	95515	22.849	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	87001m	23.479	ug/l	
77) Bromobenzene	11.26	156	82519	20.112	ug/l	98
78) n-propylbenzene	11.36	91	325914	20.553	ug/l	99
79) 2-Chlorotoluene	11.42	91	199080	20.681	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	243798	20.795	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	24227	20.057	ug/l	97
82) 4-Chlorotoluene	11.51	91	231755	20.546	ug/l	99
83) tert-Butylbenzene	11.77	119	229413	19.982	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	249018	20.874	ug/l	98
85) sec-Butylbenzene	11.95	105	281464	20.183	ug/l	100
86) p-Isopropyltoluene	12.07	119	255367	20.405	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	146878	19.475	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	150345	19.352	ug/l	99
89) n-Butylbenzene	12.39	91	209675	19.730	ug/l	100
90) Hexachloroethane	12.60	117	33920	19.066	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	148892	20.030	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18351	22.557	ug/l	95

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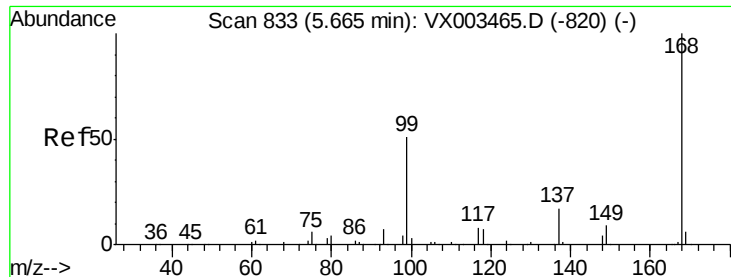
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	102079	18.738	ug/l	99
94) Hexachlorobutadiene	13.79	225	48391	18.470	ug/l	98
95) Naphthalene	13.83	128	307358	21.471	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	106194	19.691	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003553.D

Acq: 21 Jul 2018 14:28

Instrument :

MSVOA_X

ClientSampled :

VX0721WBSD01

Tgt Ion:168 Resp: 255553

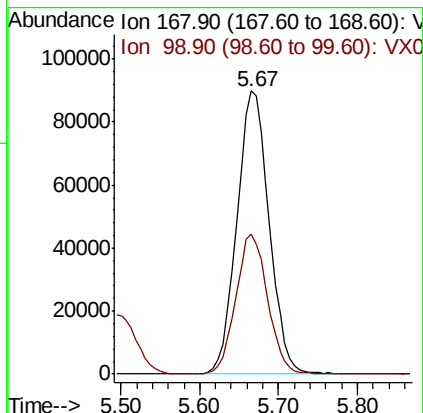
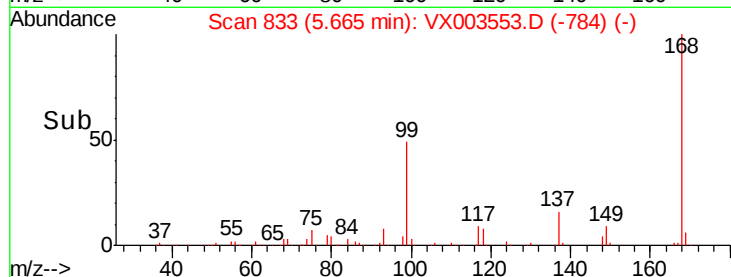
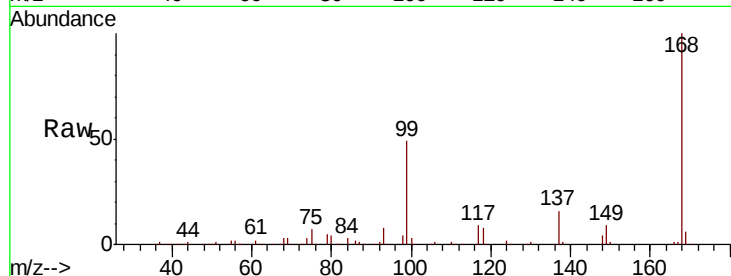
Ion Ratio Lower Upper

168 100

99 49.2 39.3 58.9

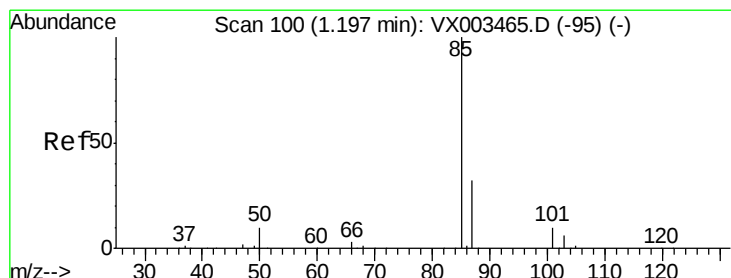
Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 19.936 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003553.D

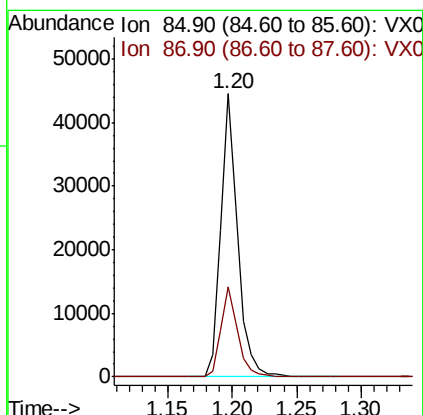
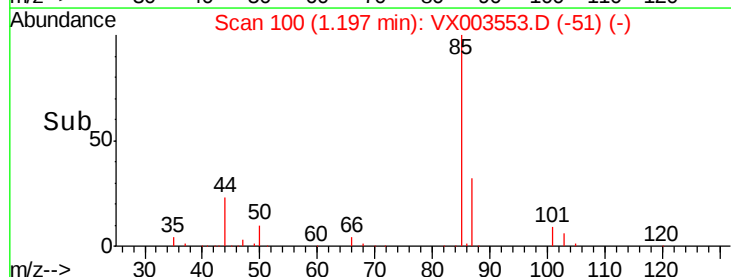
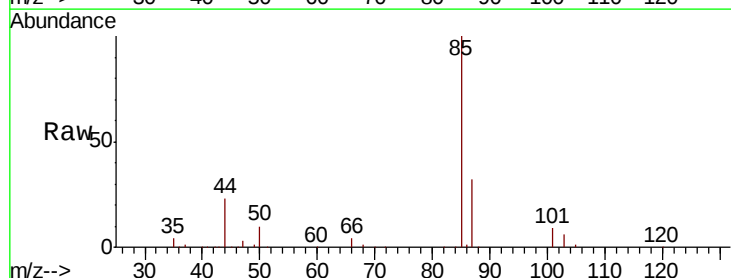
Acq: 21 Jul 2018 14:28

Tgt Ion: 85 Resp: 41324

Ion Ratio Lower Upper

85 100

87 32.0 16.0 47.9





#3

Chloromethane

Concen: 22.020 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003553.D

Acq: 21 Jul 2018 14:28

Instrument :

MSVOA_X

ClientSampleId :

VX0721WBSD01

Tgt Ion: 50 Resp: 57025

Ion Ratio Lower Upper

50 100

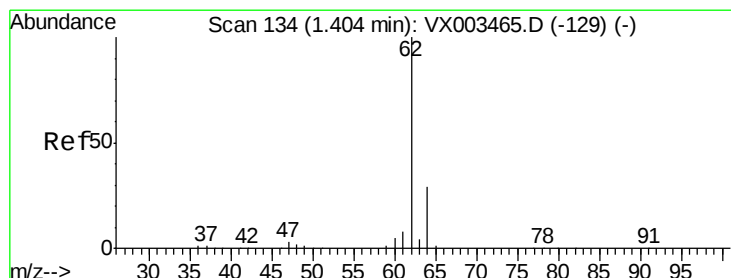
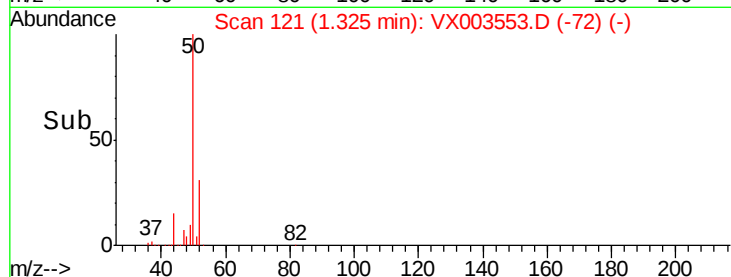
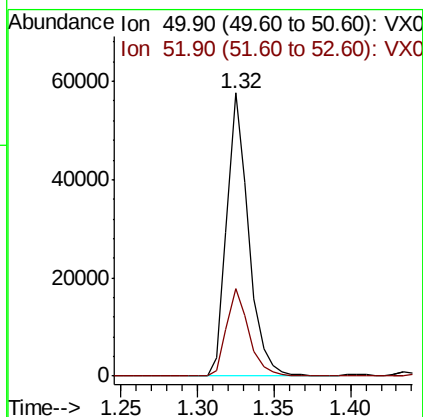
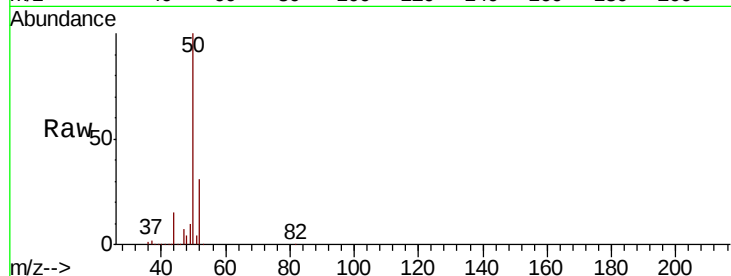
52 31.1 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.544 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003553.D

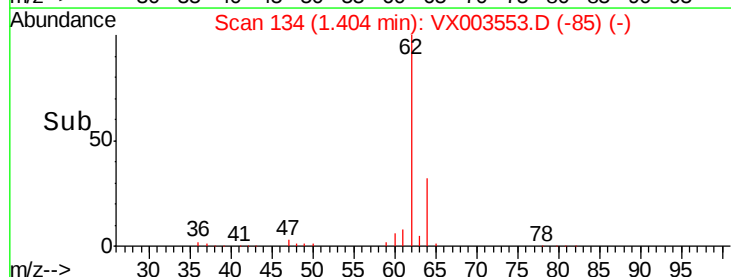
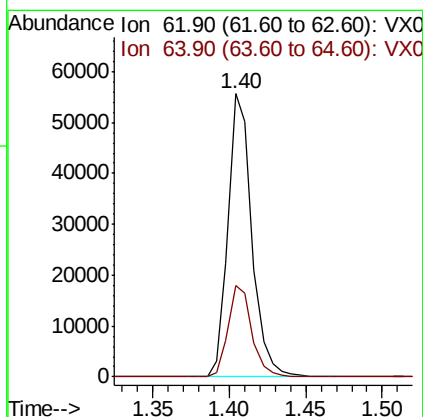
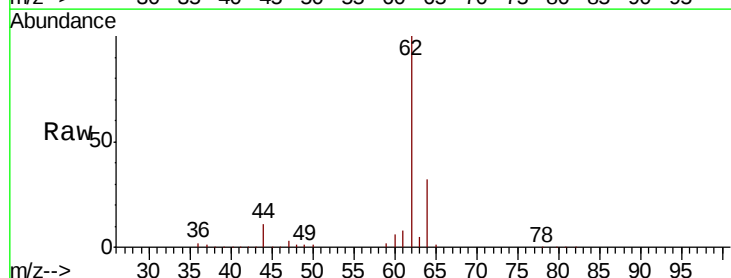
Acq: 21 Jul 2018 14:28

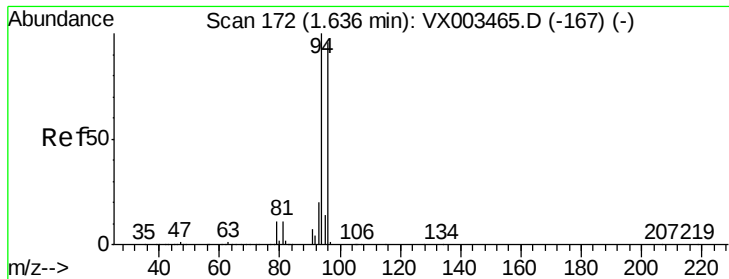
Tgt Ion: 62 Resp: 60202

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.2





#5

Bromomethane

Concen: 25.848 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003553.D

Acq: 21 Jul 2018 14:28

Instrument :

MSVOA_X

ClientSampleId :

VX0721WBSD01

Tgt Ion: 94 Resp: 34929

Ion Ratio Lower Upper

94 100

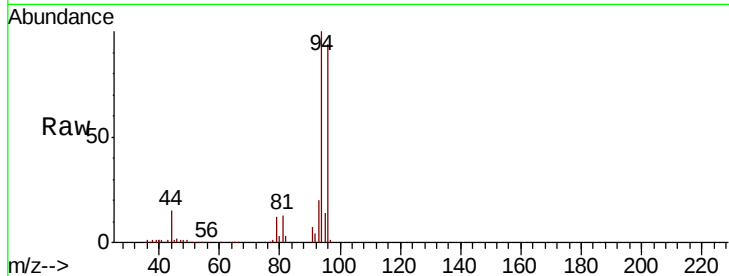
96 93.7 74.9 112.3

Manual Integrations

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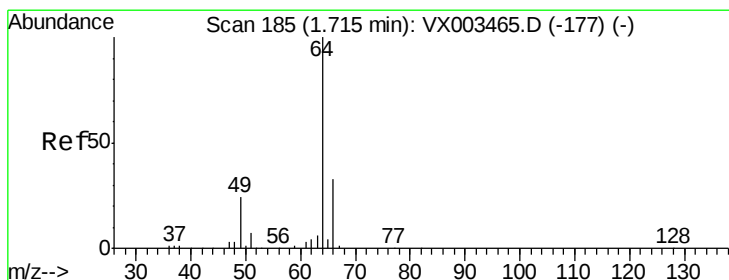
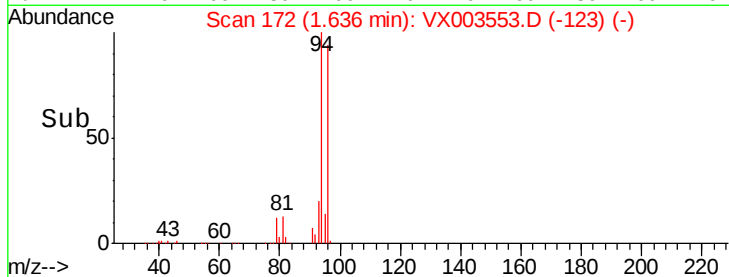
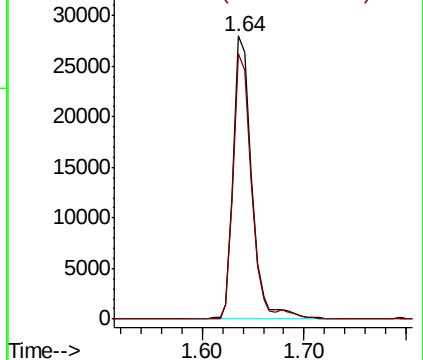
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.380 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX003553.D

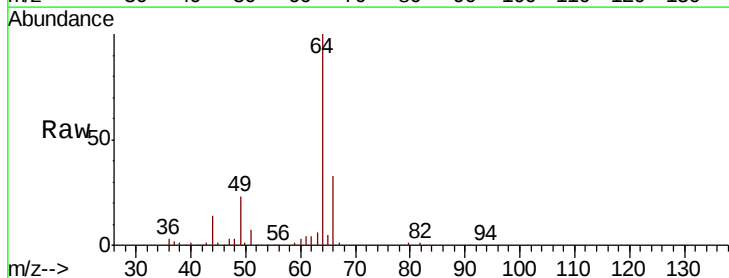
Acq: 21 Jul 2018 14:28

Tgt Ion: 64 Resp: 41071

Ion Ratio Lower Upper

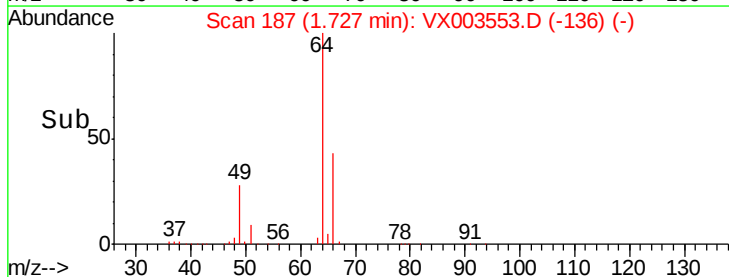
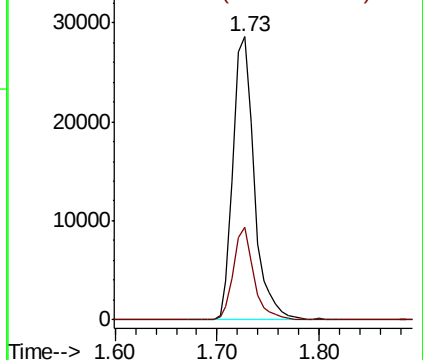
64 100

66 32.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

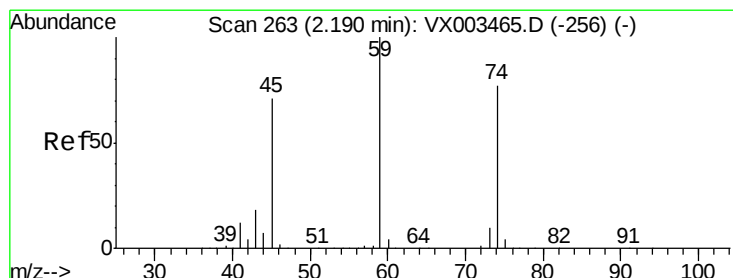
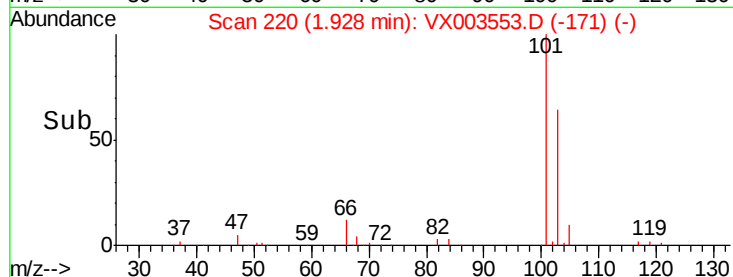
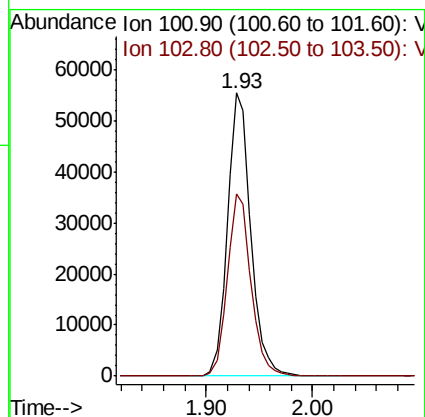
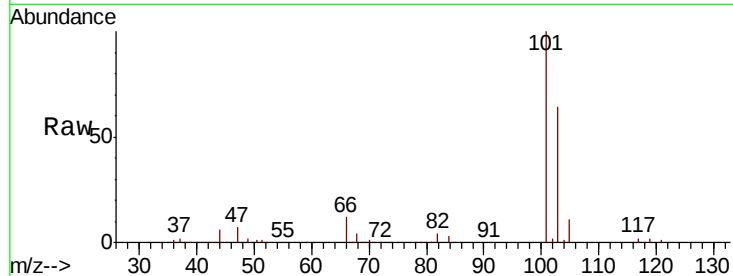
Trichlorofluoromethane
 Concen: 19.569 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX003553.D
 Acq: 21 Jul 2018 14:28

Instrument :
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 VX0721WBSD01

Tgt Ion: 101 Resp: 84758
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.8 79.2

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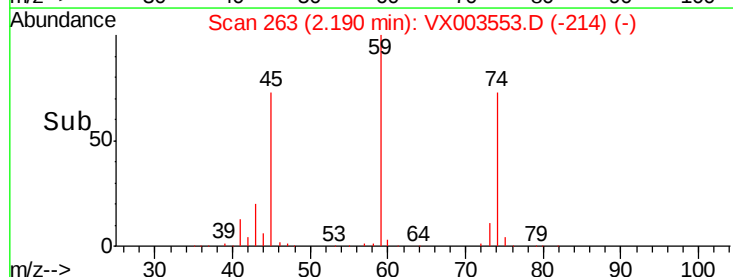
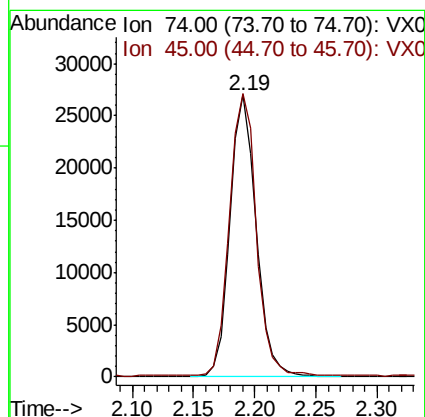
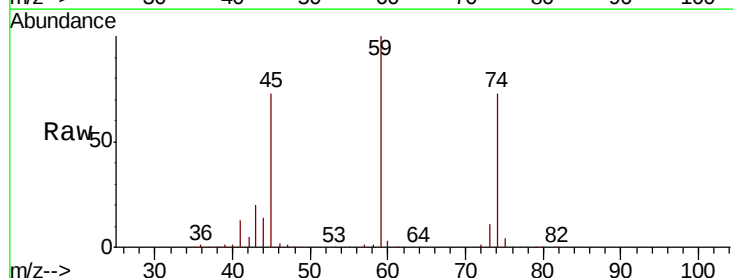
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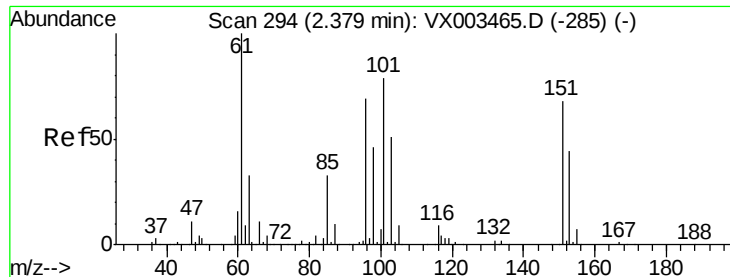


#8

Diethyl Ether
 Concen: 21.408 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003553.D
 Acq: 21 Jul 2018 14:28

Tgt Ion: 74 Resp: 39822
 Ion Ratio Lower Upper
 74 100
 45 102.8 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.340 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003553.D

Acq: 21 Jul 2018 14:28

Instrument :

MSVOA_X

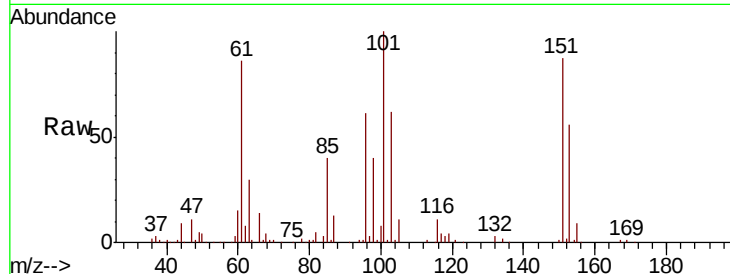
ClientSampleId :

VX0721WBSD01

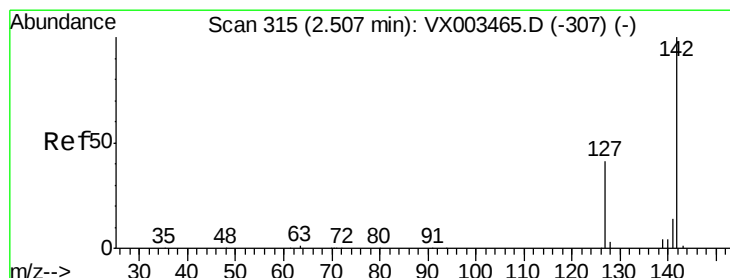
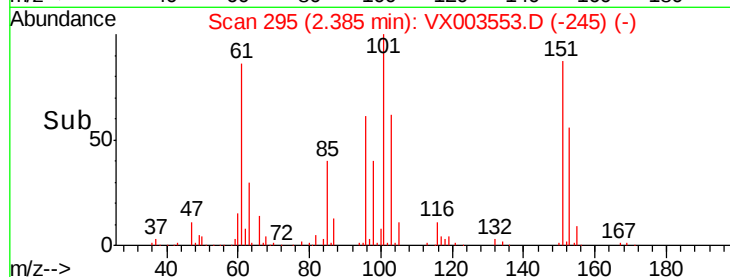
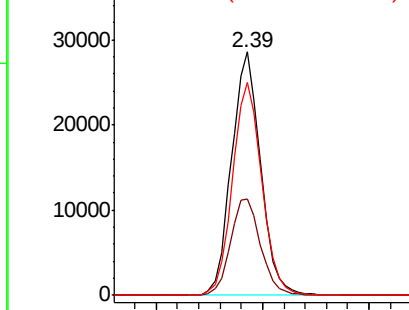
Tgt Ion:	101	Resp:	54825
Ion Ratio	Lower	Upper	
101	100		
85	41.2	36.0	54.0
151	88.1	70.9	106.3

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



#10

Methyl Iodide

Concen: 21.754 ug/l

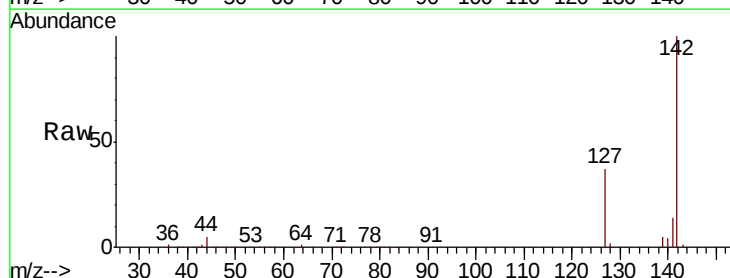
RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

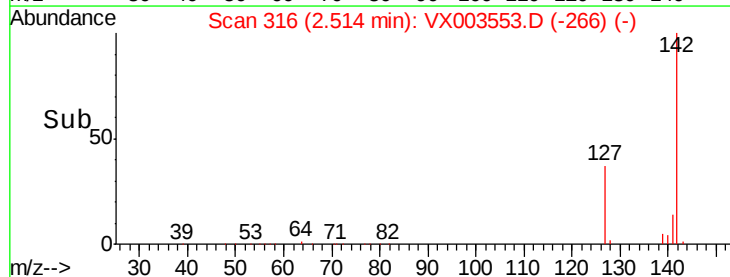
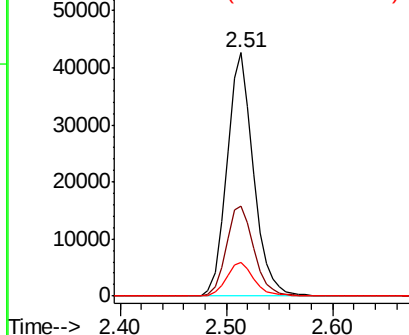
Lab File: VX003553.D

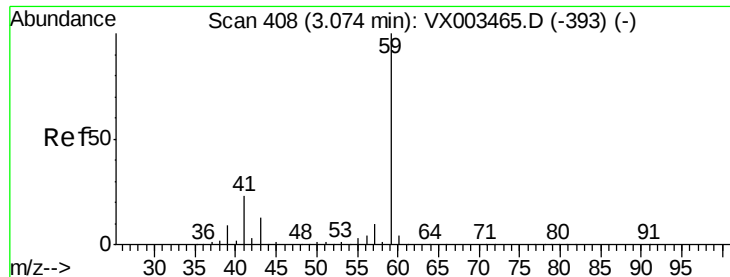
Acq: 21 Jul 2018 14:28

Tgt Ion:	142	Resp:	74080
Ion Ratio	Lower	Upper	
142	100		
127	38.8	36.6	55.0
141	14.2	11.3	16.9



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





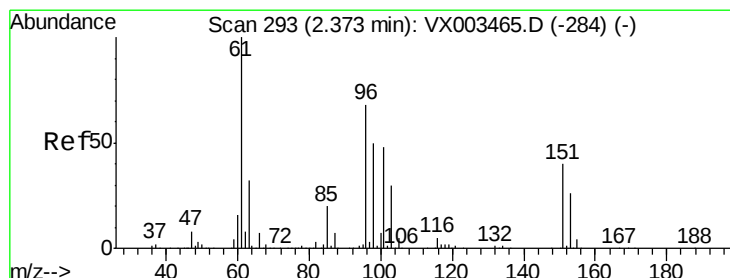
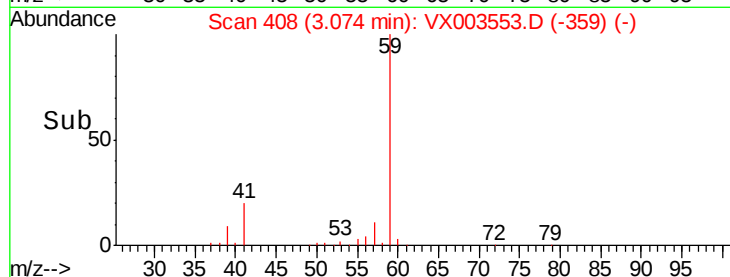
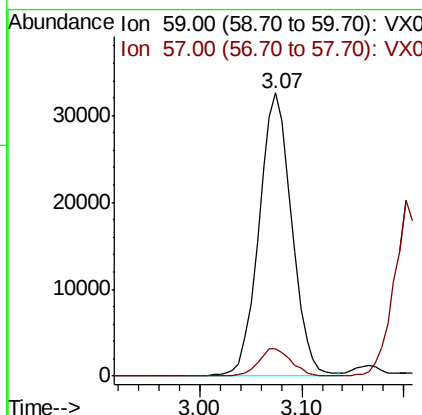
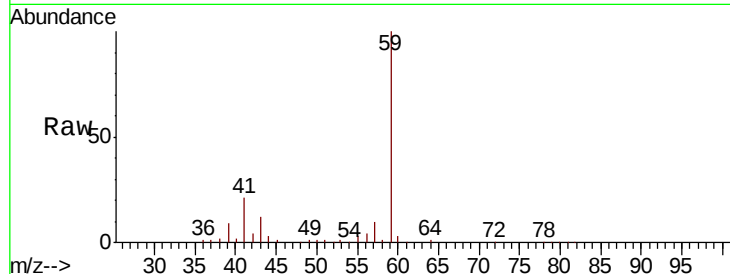
#11
Tert butyl alcohol
Concen: 121.631 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.00 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

Instrument :
MSVOA_X
ClientSampled :
VX0721WBSD01

Tgt Ion: 59 Resp: 72808
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.2

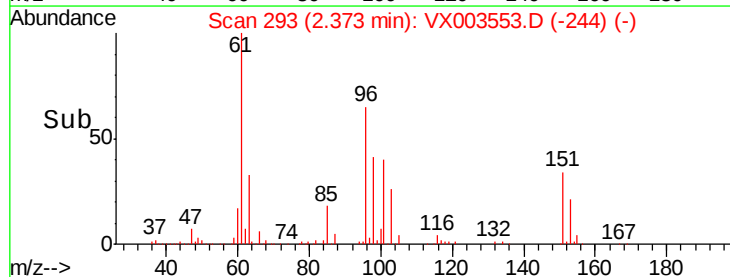
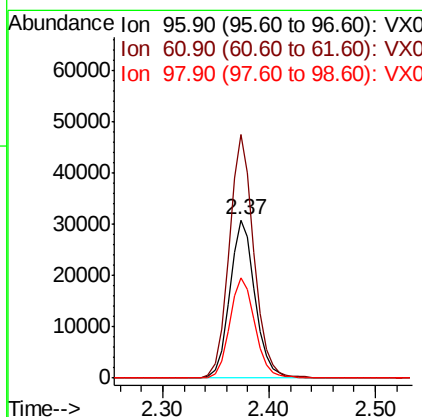
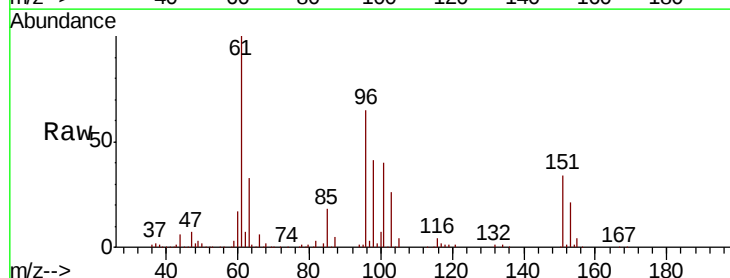
Manual Integrations
APPROVED

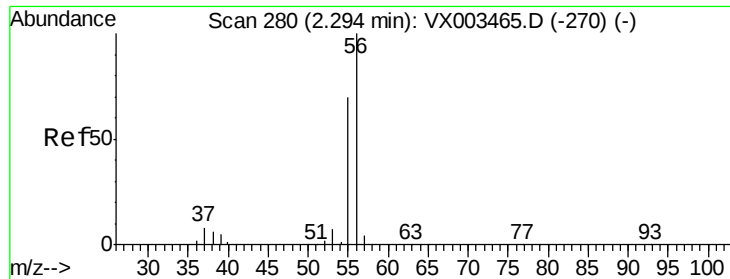
MMDadoda
7/23/2018 3:19:36 PM



#12
1,1-Dichloroethene
Concen: 19.530 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

Tgt Ion: 96 Resp: 50975
Ion Ratio Lower Upper
96 100
61 154.0 137.9 206.9
98 63.6 51.6 77.4





#13

Acrolein

Concen: 94.014 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX003553.D

Acq: 21 Jul 2018 14:28

Instrument :

MSVOA_X

ClientSampleId :

VX0721WBSD01

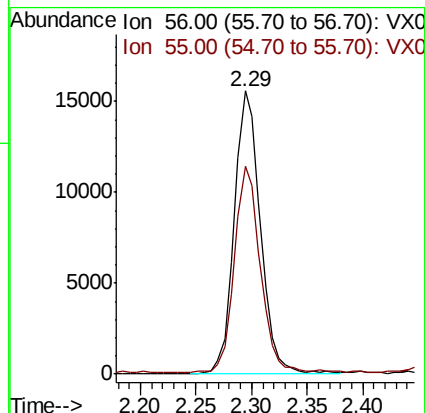
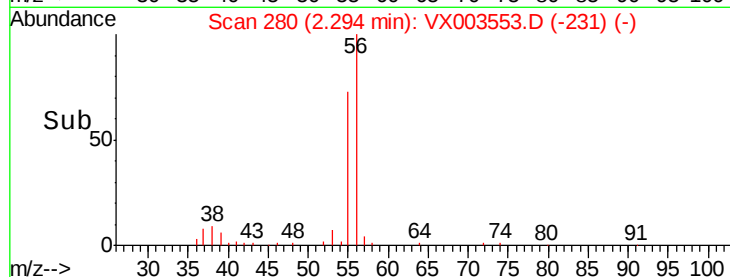
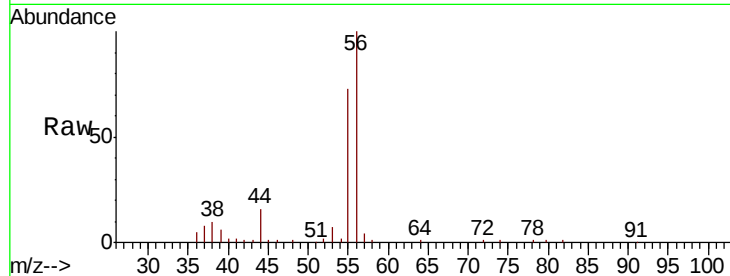
Tgt Ion: 56 Resp: 25427

Ion Ratio Lower Upper

56 100

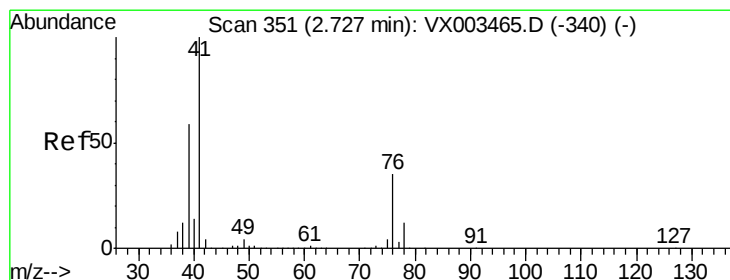
55 72.0 57.0 85.4

Manual Integrations
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#14

Allyl chloride

Concen: 20.859 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003553.D

Acq: 21 Jul 2018 14:28

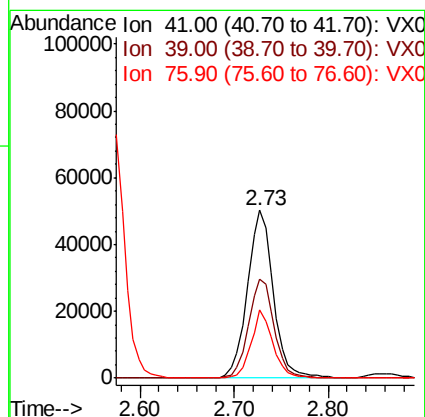
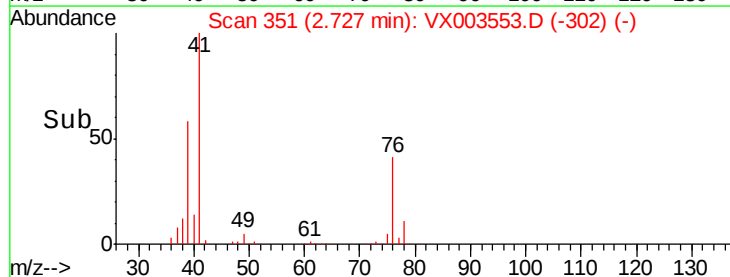
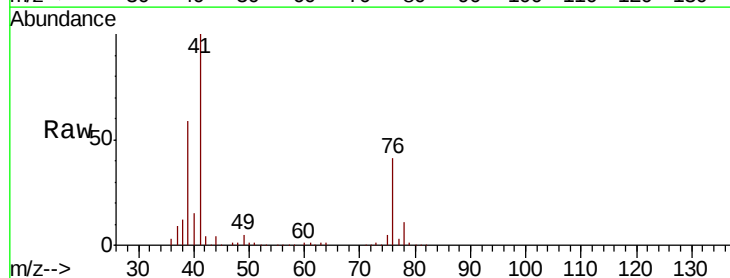
Tgt Ion: 41 Resp: 96382

Ion Ratio Lower Upper

41 100

39 58.2 56.8 85.2

76 34.0 23.8 35.8





#15

Acrylonitrile

Concen: 116.609 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003553.D

Acq: 21 Jul 2018 14:28

Instrument :

MSVOA_X

ClientSampleId :

VX0721WBSD01

Tgt Ion: 53 Resp: 177712

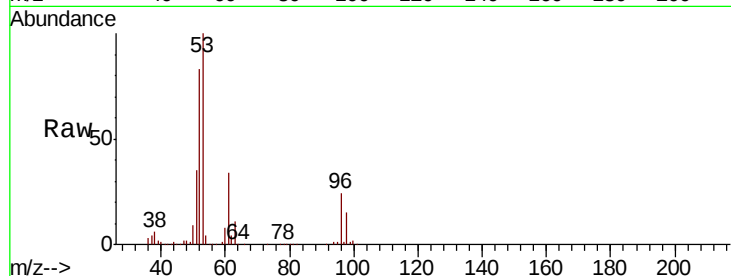
Ion Ratio Lower Upper

53 100

52 82.2 66.7 100.1

51 35.2 29.9 44.9

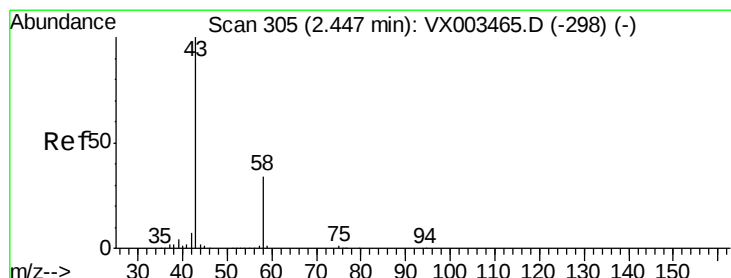
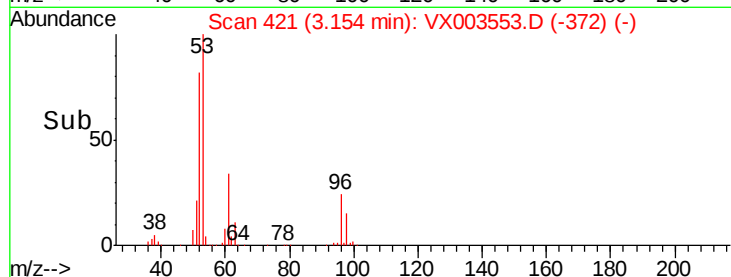
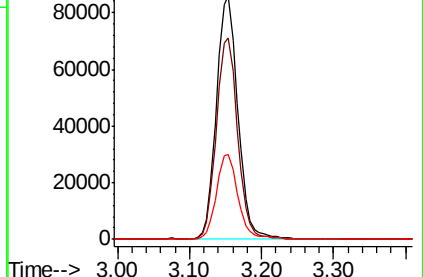
Manual Integrations
APPROVED



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 118.169 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.00 min

Lab File: VX003553.D

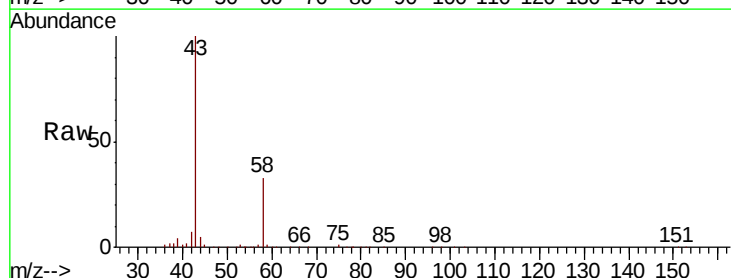
Acq: 21 Jul 2018 14:28

Tgt Ion: 43 Resp: 135025

Ion Ratio Lower Upper

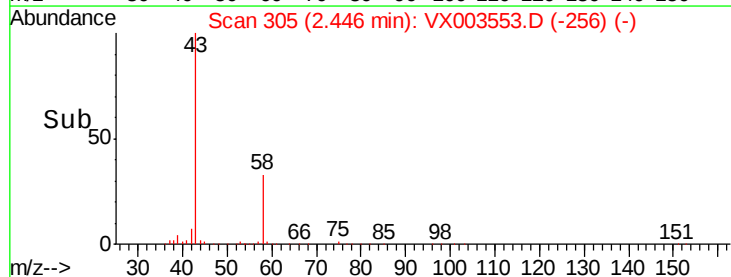
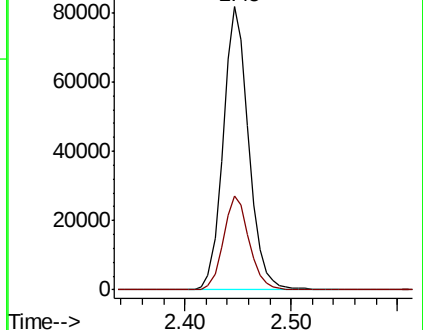
43 100

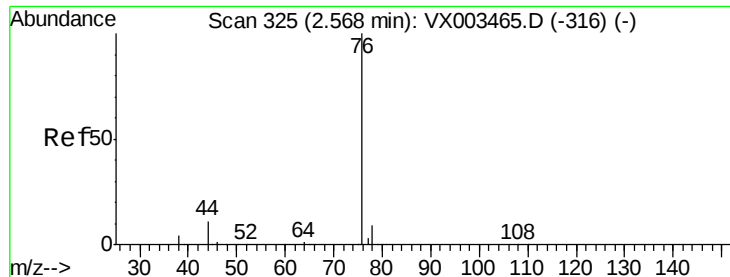
58 33.0 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





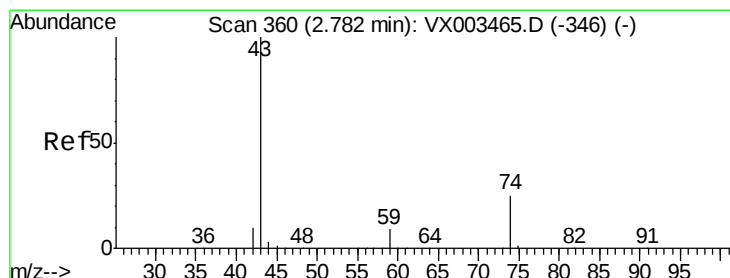
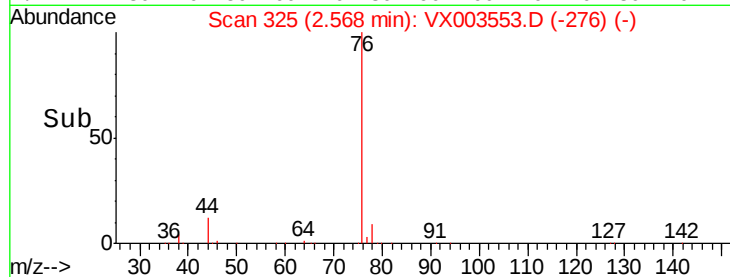
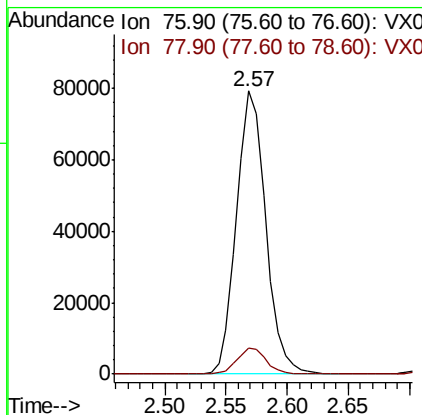
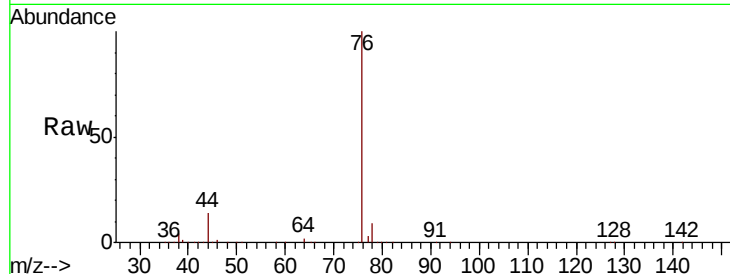
#17
Carbon Disulfide
Concen: 18.715 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

Instrument :
MSVOA_X
ClientSampleId :
VX0721WBSD01

Tgt Ion: 76 Resp: 132118
Ion Ratio Lower Upper
76 100
78 9.2 6.9 10.3

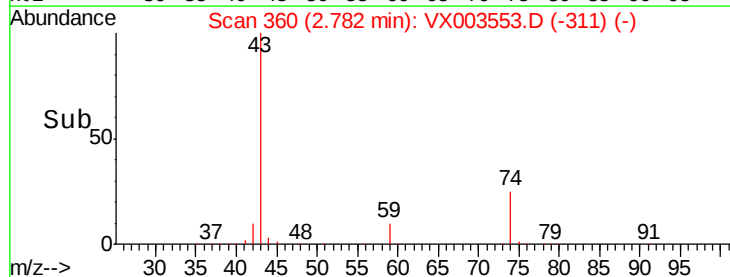
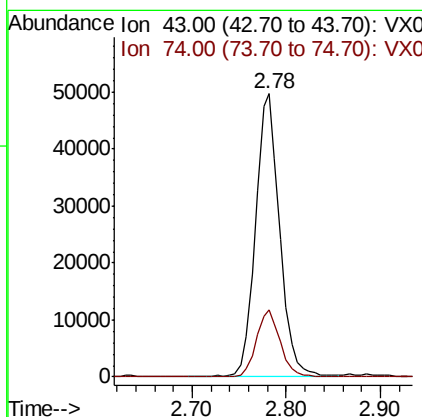
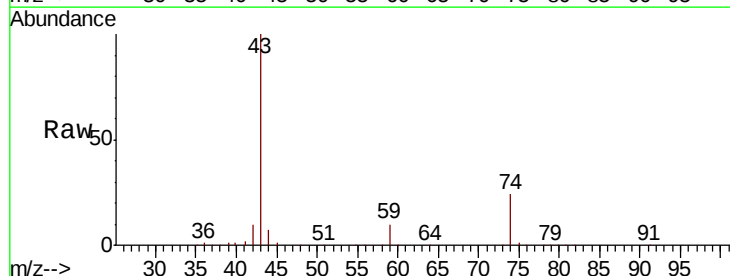
Manual Integrations
APPROVED

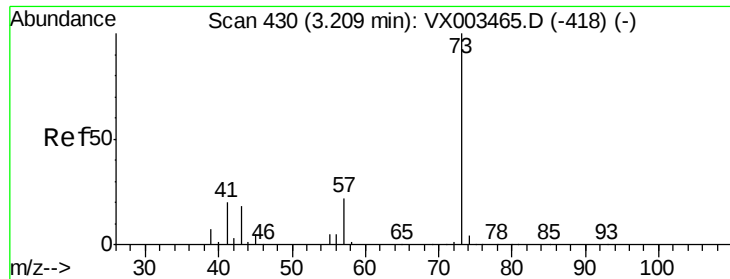
MMDadoda
7/23/2018 3:19:36 PM



#18
Methyl Acetate
Concen: 24.642 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

Tgt Ion: 43 Resp: 88766
Ion Ratio Lower Upper
43 100
74 23.7 16.7 25.1





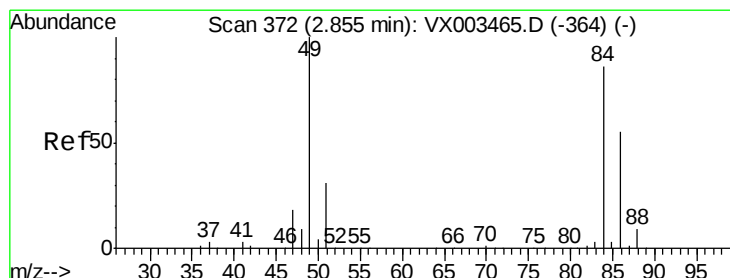
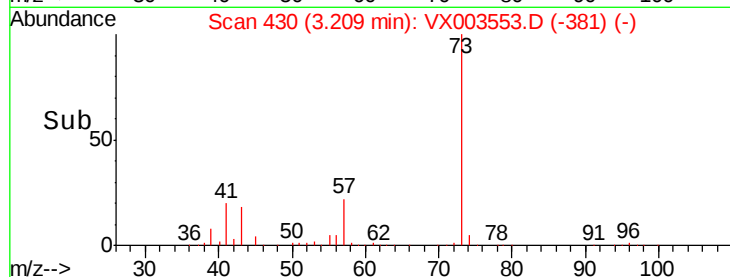
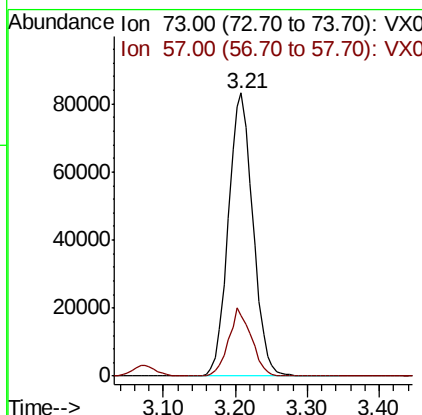
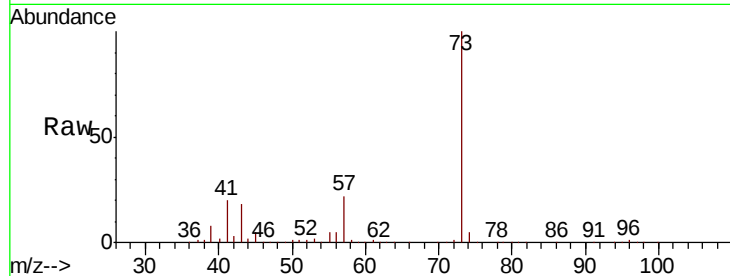
#19
Methyl tert-butyl Ether
Concen: 23.184 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

Instrument :
MSVOA_X
ClientSampleId :
VX0721WBSD01

Tgt Ion: 73 Resp: 197606
Ion Ratio Lower Upper
73 100
57 21.5 17.7 26.5

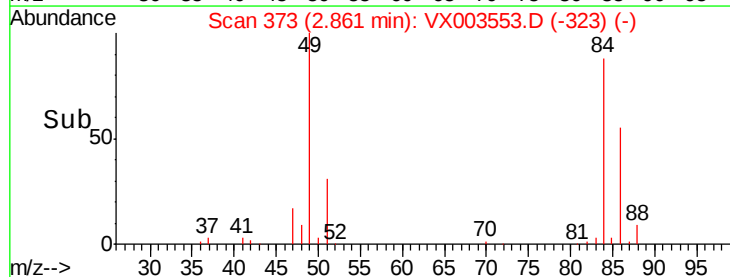
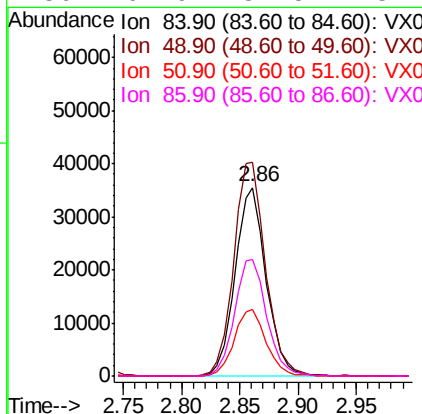
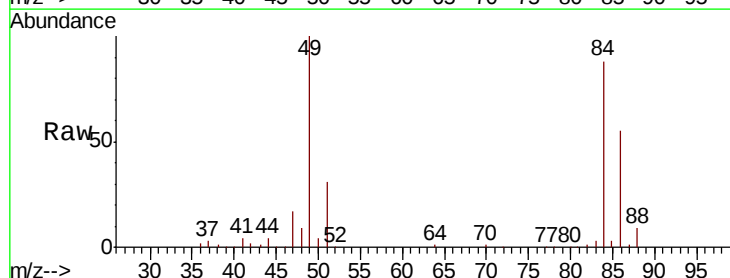
Manual Integrations
APPROVED

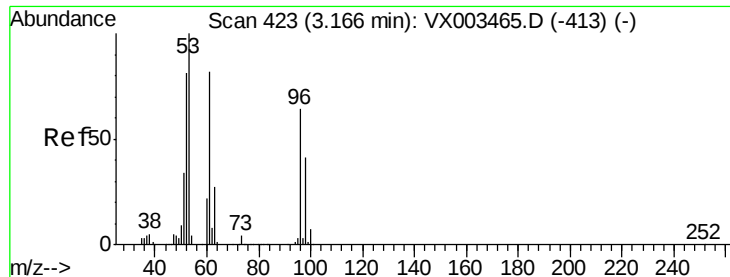
MMDadoda
7/23/2018 3:19:36 PM



#20
Methylene Chloride
Concen: 23.076 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

Tgt Ion: 84 Resp: 65775
Ion Ratio Lower Upper
84 100
49 113.5 107.8 161.6
51 35.5 32.8 49.2
86 61.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 20.042 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX003553.D

Acq: 21 Jul 2018 14:28

Instrument :

MSVOA_X

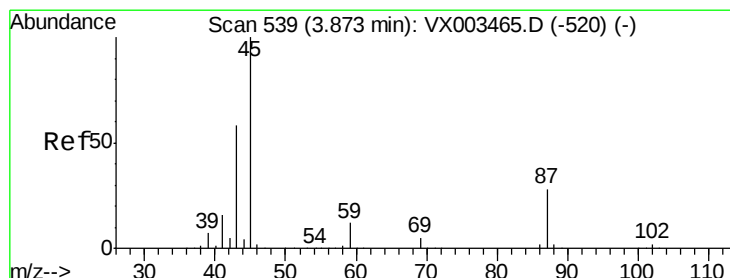
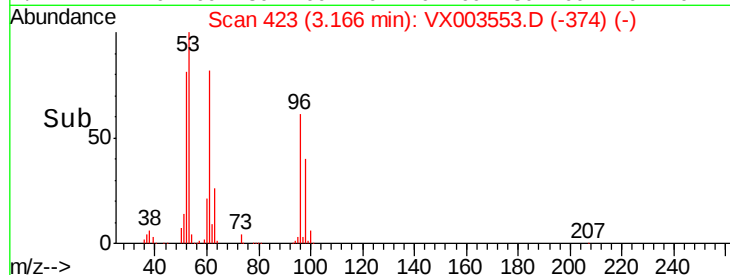
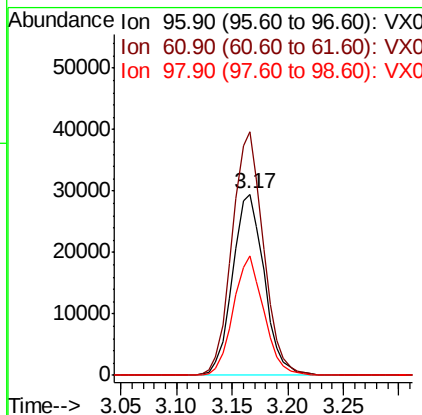
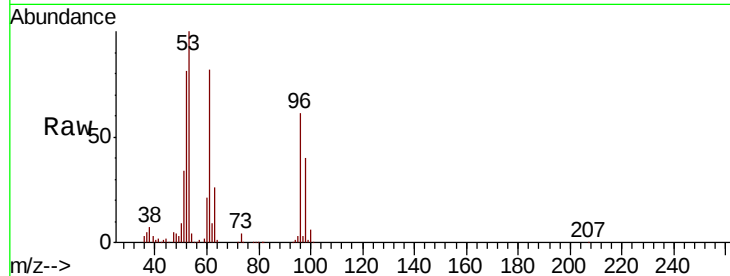
ClientSampleId :

VX0721WBSD01

Tgt Ion:	96	Resp:	58204
Ion Ratio	Lower	Upper	
96	100		
61	134.5	117.0	175.4
98	65.8	52.4	78.6

Manual Integrations
APPROVED

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7/23/2018 3:19:36 PM



#22

Diisopropyl ether

Concen: 22.772 ug/l

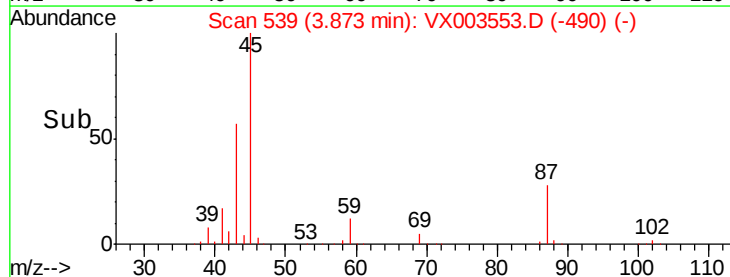
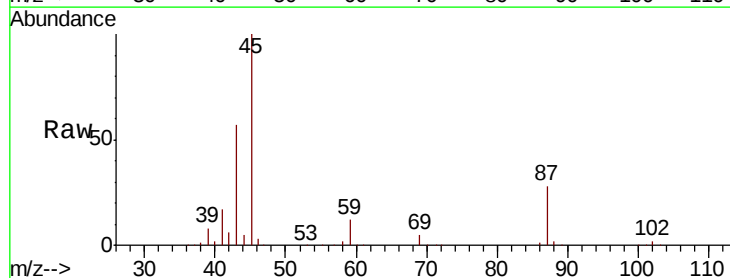
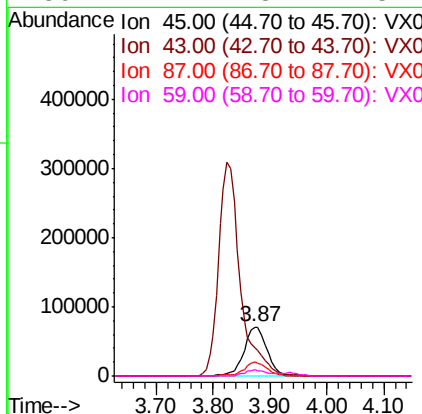
RT: 3.87 min Scan# 539

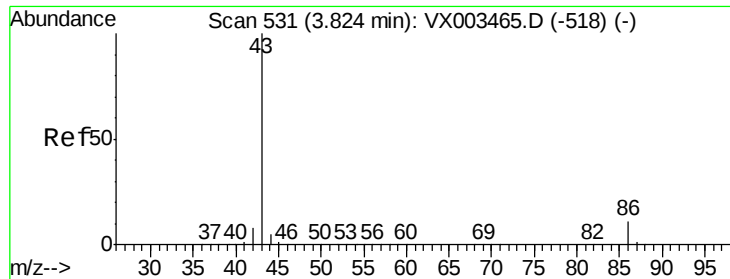
Delta R.T. -0.00 min

Lab File: VX003553.D

Acq: 21 Jul 2018 14:28

Tgt Ion:	45	Resp:	197986
Ion Ratio	Lower	Upper	
45	100		
43	57.4	46.8	70.2
87	27.7	20.2	30.4
59	12.2	8.7	13.1





#23

Vinyl Acetate

Concen: 114.309 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.00 min

Lab File: VX003553.D

Acq: 21 Jul 2018 14:28

Instrument :

MSVOA_X

ClientSampled :

VX0721WBSD01

Tgt Ion: 43 Resp: 818654

Ion Ratio Lower Upper

43 100

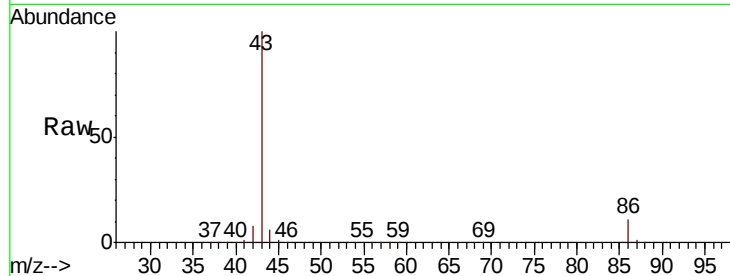
86 10.9 7.4 11.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

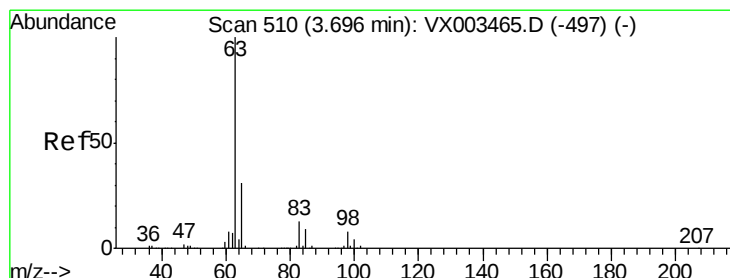
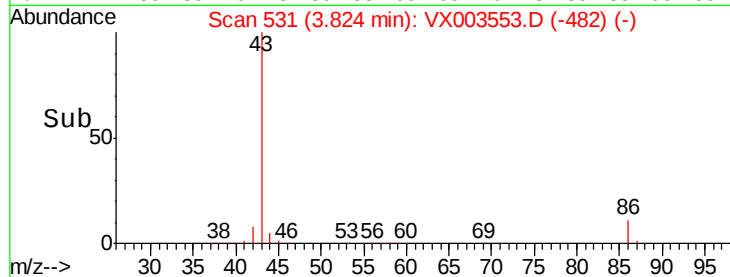
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 21.014 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003553.D

Acq: 21 Jul 2018 14:28

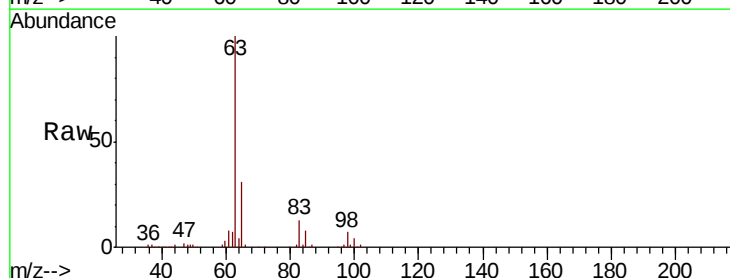
Tgt Ion: 63 Resp: 107195

Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.2

100 4.4 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

60000

50000

40000

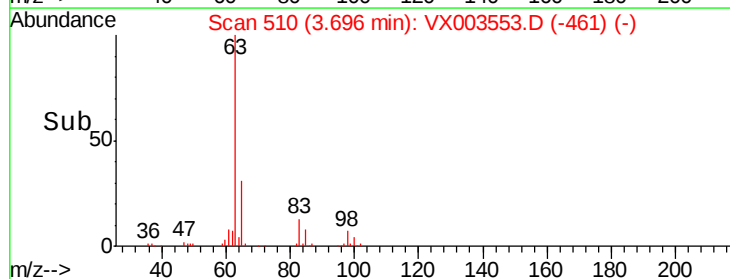
30000

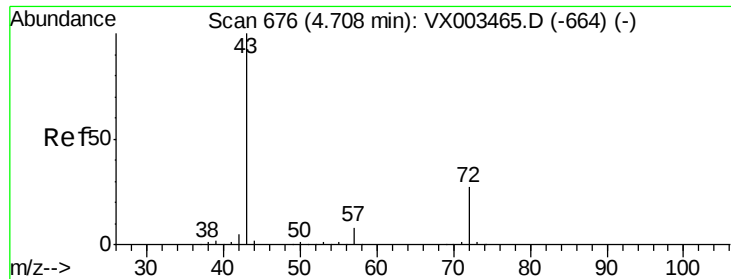
20000

10000

0

Time-->





#25

2-Butanone

Concen: 124.459 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.00 min

Lab File: VX003553.D

Acq: 21 Jul 2018 14:28

Instrument :

MSVOA_X

ClientSampleId :

VX0721WBSD01

Tgt Ion: 43 Resp: 238606

Ion Ratio Lower Upper

43 100

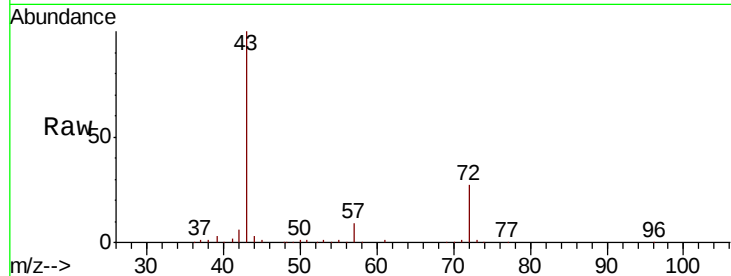
72 27.3 18.5 27.7

Manual Integrations

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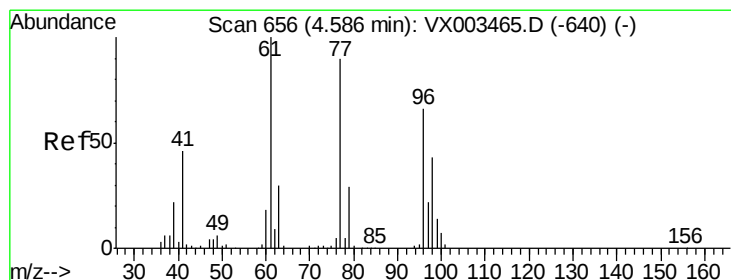
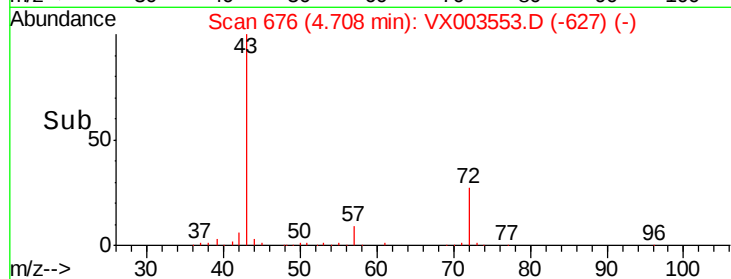
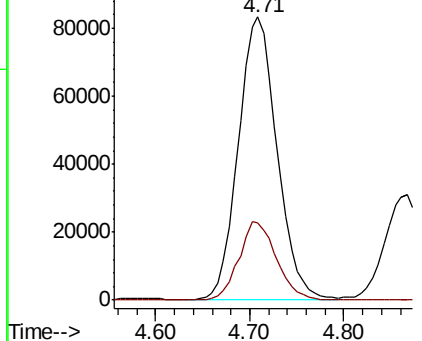
MMDadoda

7/23/2018 3:19:36 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 20.422 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003553.D

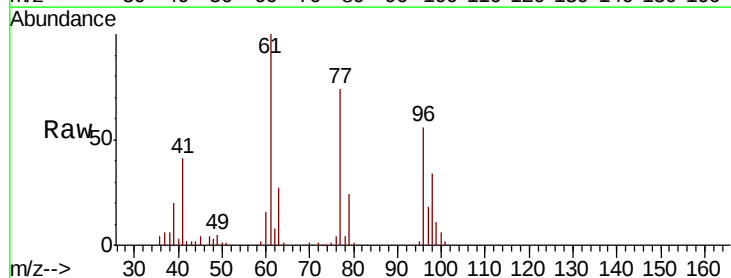
Acq: 21 Jul 2018 14:28

Tgt Ion: 77 Resp: 79123

Ion Ratio Lower Upper

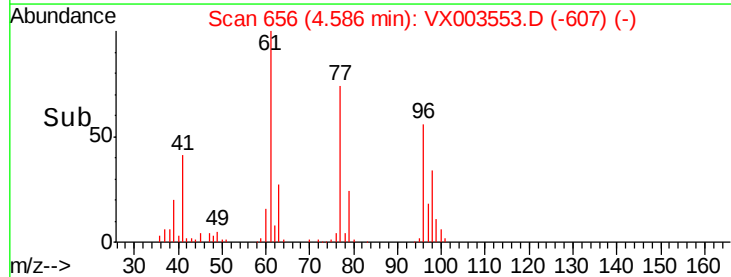
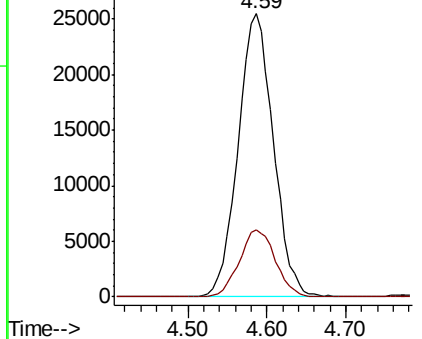
77 100

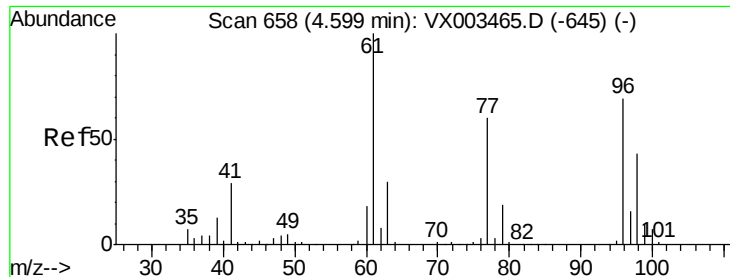
97 24.2 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

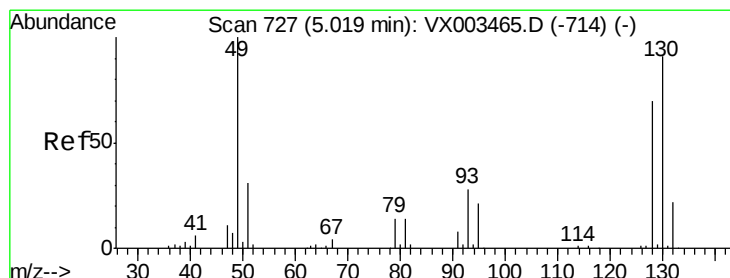
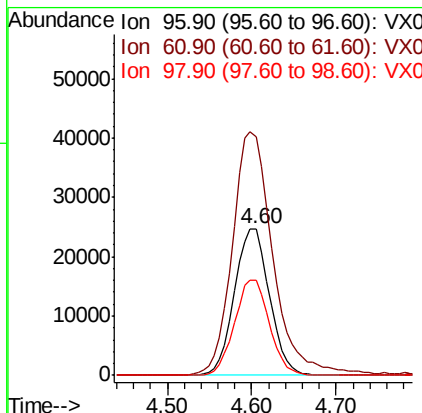
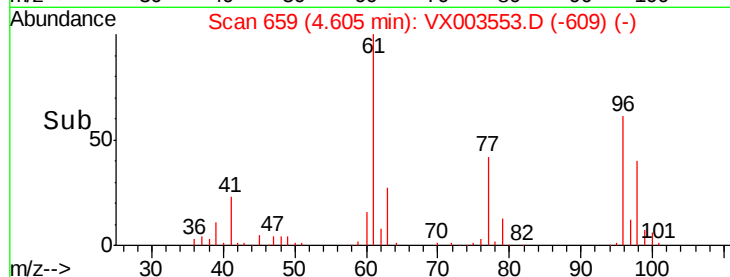
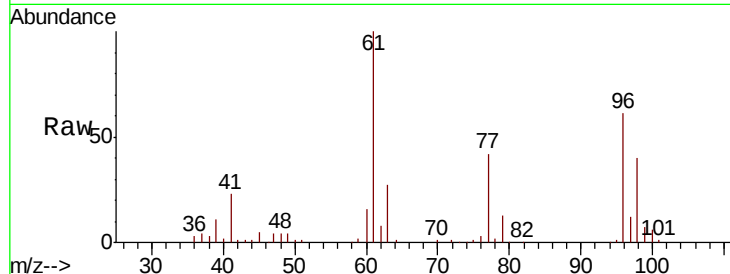
cis-1,2-Dichloroethene
Concen: 21.460 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

Instrument :
MSVOA_X
ClientSampled :
VX0721WBSD01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	194.3	0.0	330.2
98	64.5	0.0	130.2

Manual Integrations
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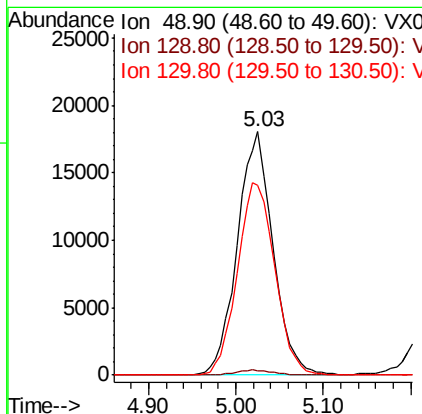
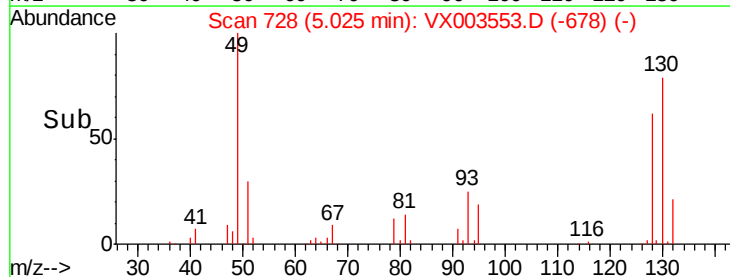
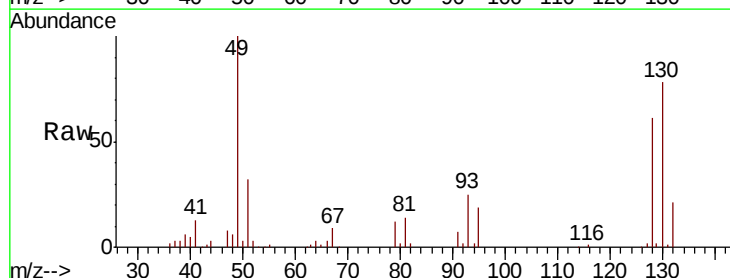
MMDadoda
7/23/2018 3:19:36 PM

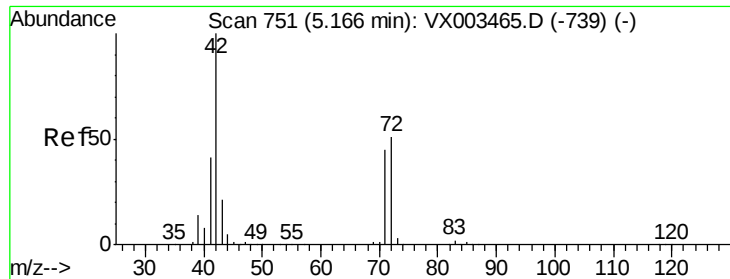


#28

Bromochloromethane
Concen: 22.906 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.01 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	83.1	61.2	91.8





#29

Tetrahydrofuran

Concen: 121.734 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.00 min

Lab File: VX003553.D

Acq: 21 Jul 2018 14:28

Instrument :

MSVOA_X

ClientSampleId :

VX0721WBSD01

Tgt Ion: 42 Resp: 154170

Ion Ratio Lower Upper

42 100

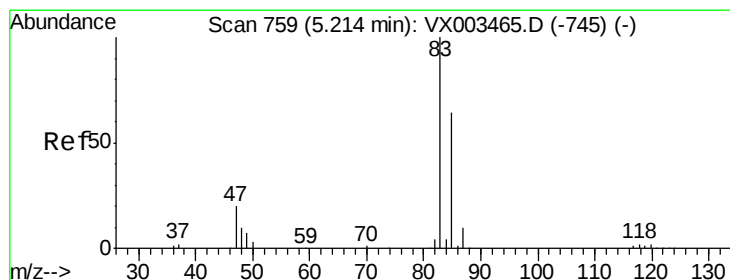
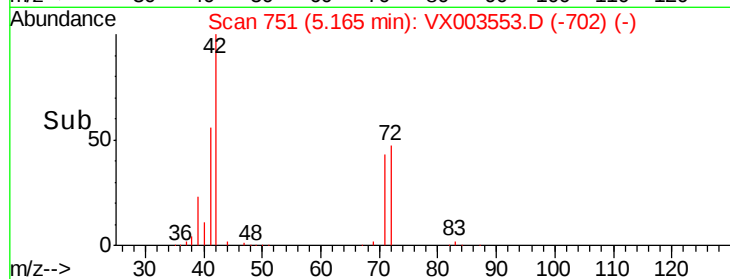
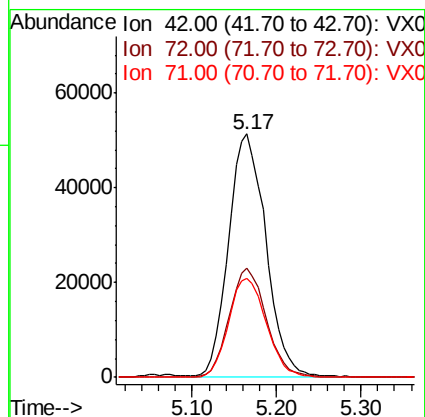
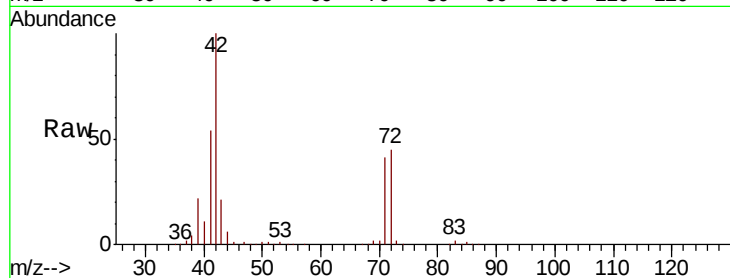
72 44.7 32.0 48.0

71 41.5 30.1 45.1

Manual Integrations
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#30

Chloroform

Concen: 23.027 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX003553.D

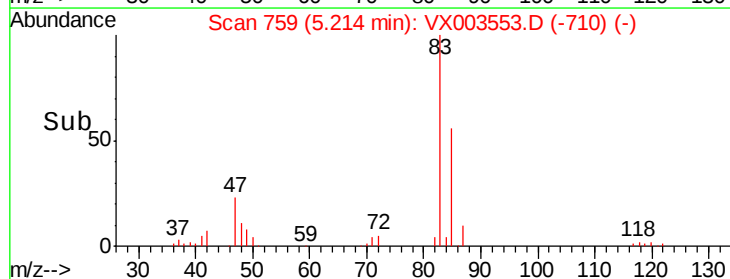
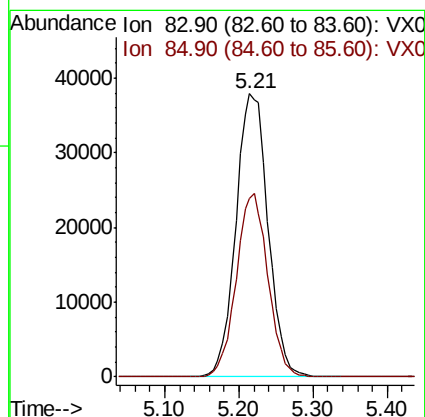
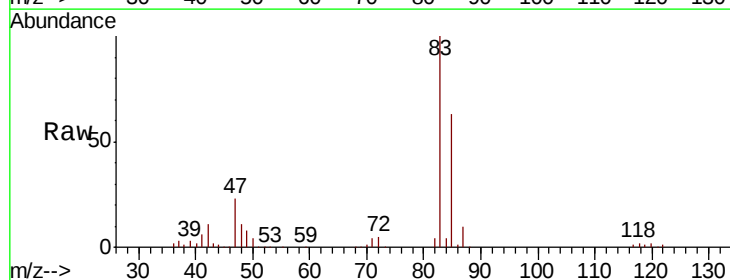
Acq: 21 Jul 2018 14:28

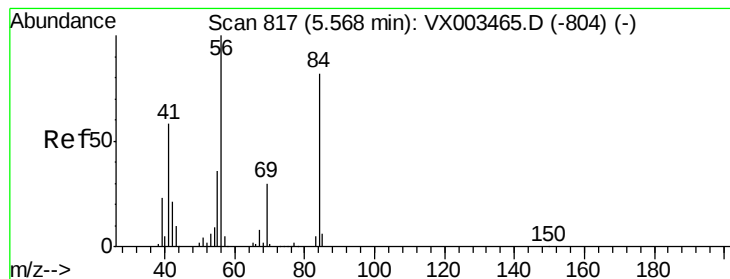
Tgt Ion: 83 Resp: 114702

Ion Ratio Lower Upper

83 100

85 62.9 50.4 75.6





#31

Cyclohexane

Concen: 19.912 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX003553.D

Acq: 21 Jul 2018 14:28

Instrument :

MSVOA_X

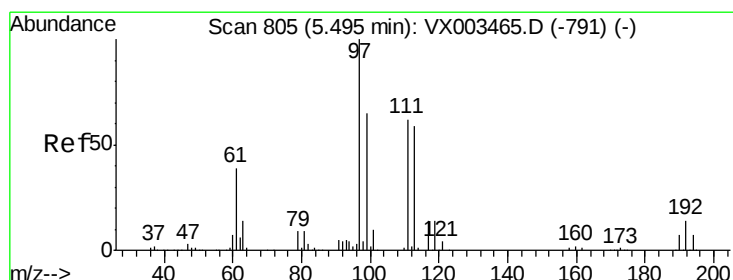
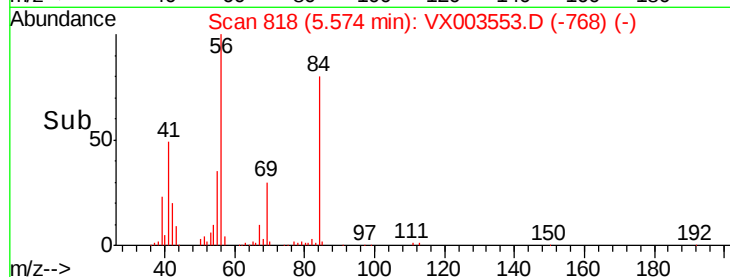
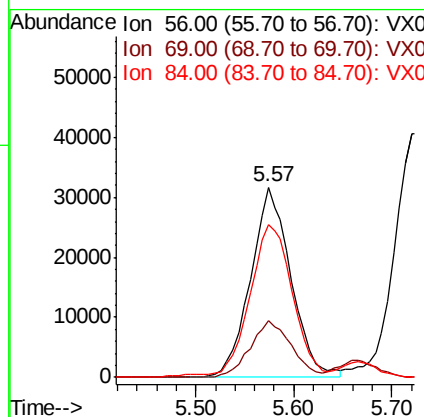
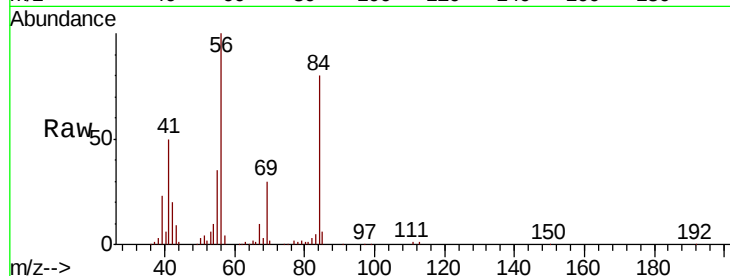
ClientSampleId :

VX0721WBSD01

Tgt Ion:	56	Resp:	90756
Ion Ratio	Lower	Upper	
56	100		
69	30.1	23.7	35.5
84	78.3	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.329 ug/l

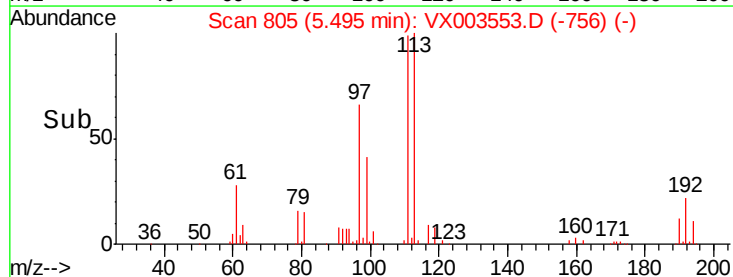
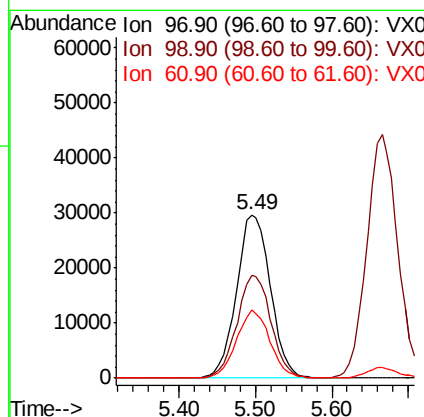
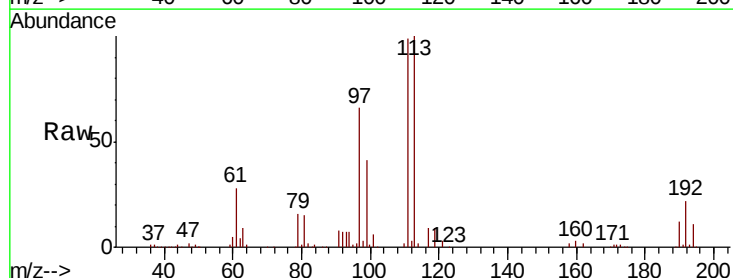
RT: 5.49 min Scan# 805

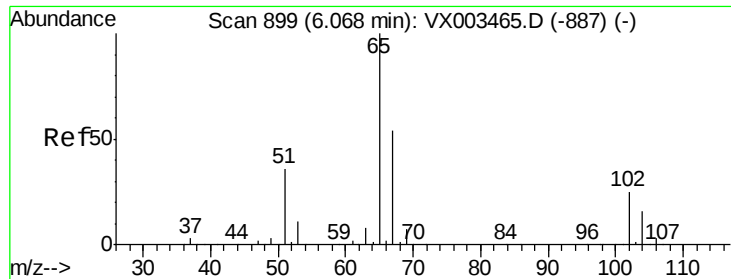
Delta R.T. -0.00 min

Lab File: VX003553.D

Acq: 21 Jul 2018 14:28

Tgt Ion:	97	Resp:	90980
Ion Ratio	Lower	Upper	
97	100		
99	63.6	51.6	77.4
61	41.4	36.4	54.6



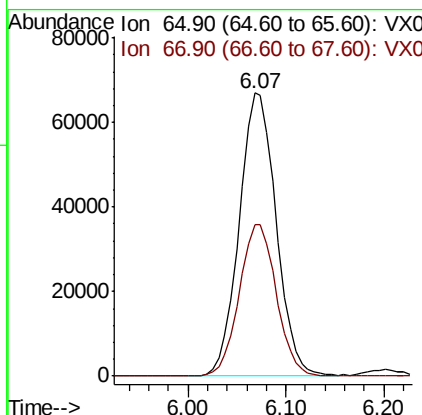
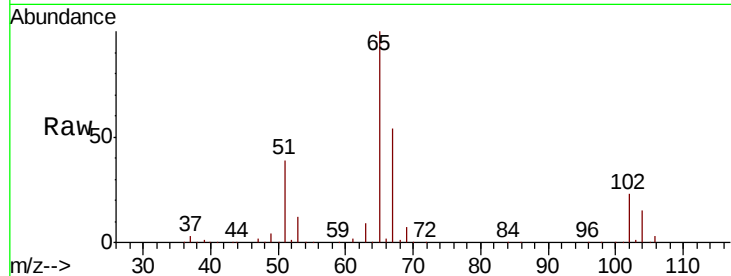


#33
 1,2-Dichloroethane-d4
 Concen: 58.005 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003553.D
 Acq: 21 Jul 2018 14:28

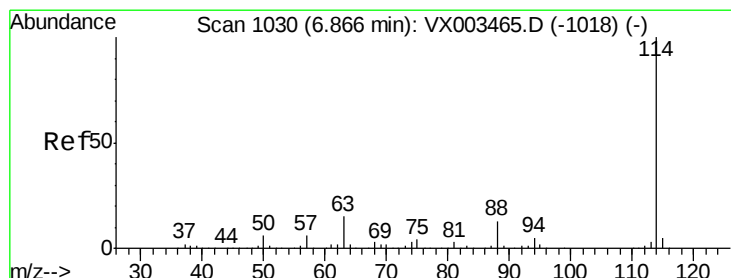
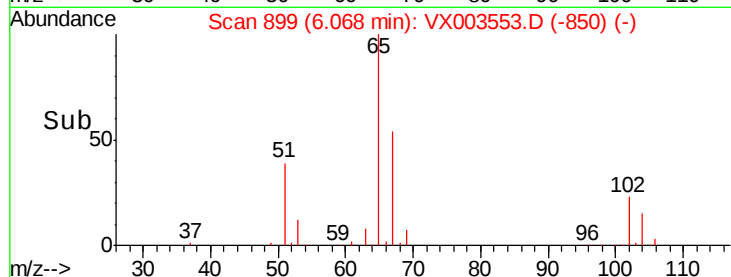
Instrument :
 MSVOA_X
 ClientSampled :
 VX0721WBSD01

Tgt Ion: 65 Resp: 175468
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 102.6

Manual Integrations
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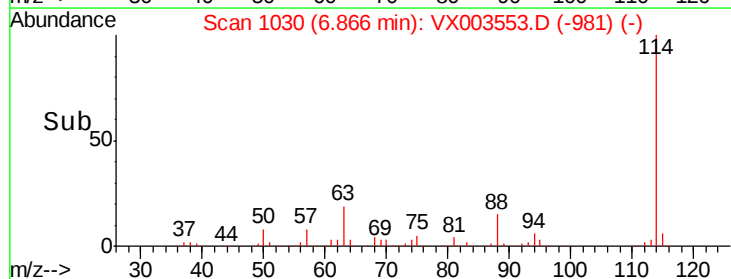
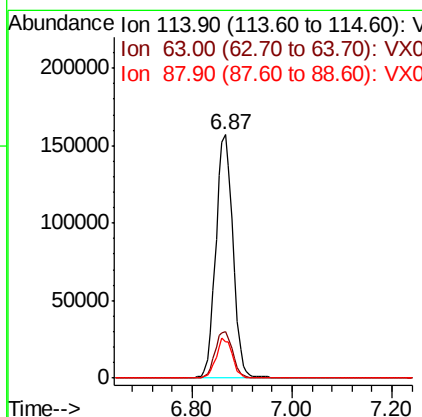
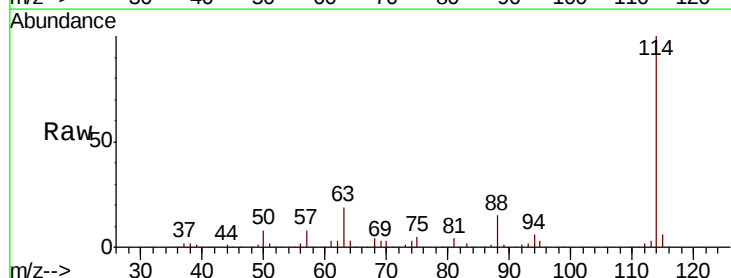


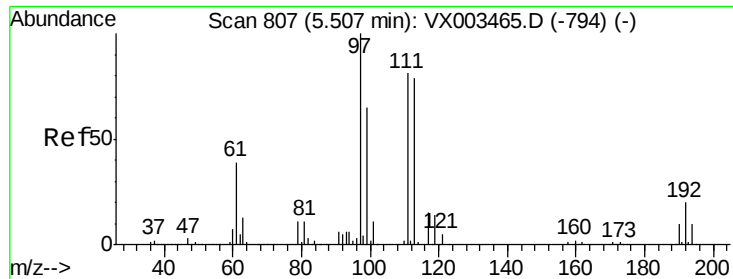
MMDadoda
 7/23/2018 3:19:36 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003553.D
 Acq: 21 Jul 2018 14:28

Tgt Ion: 114 Resp: 373928
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 41.4
 88 15.1 0.0 30.0





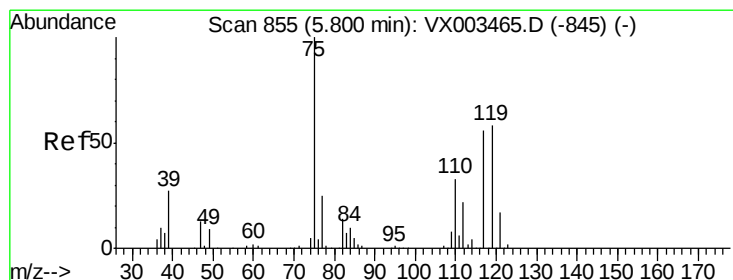
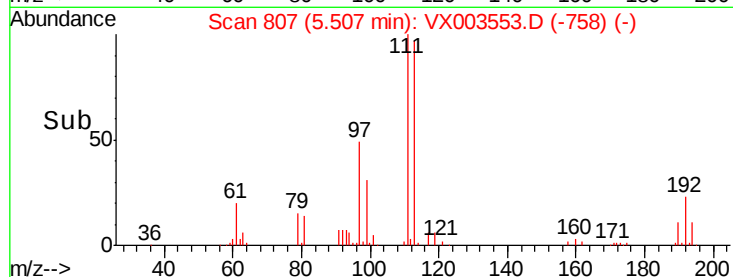
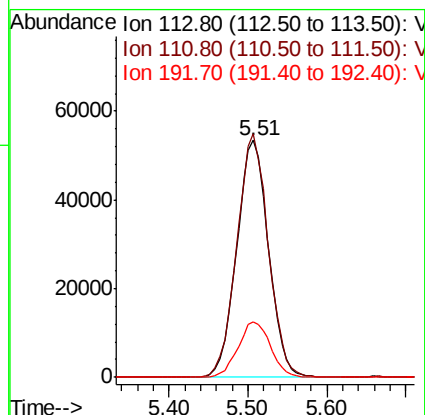
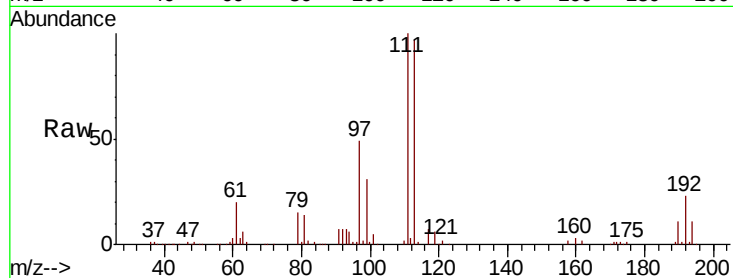
#35
Dibromofluoromethane
Concen: 52.708 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

Instrument :
MSVOA_X
ClientSampleId :
VX0721WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	150119		
111	101.3	81.4	122.0	
192	24.0	19.1	28.7	

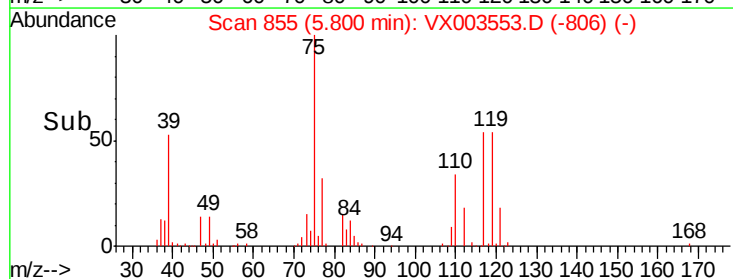
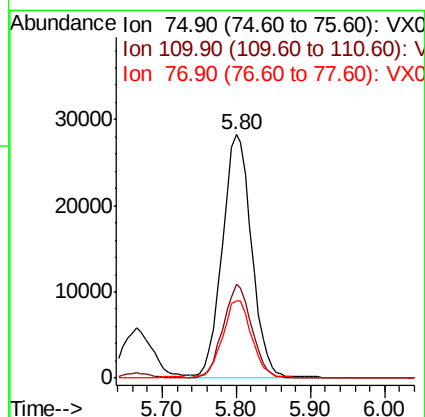
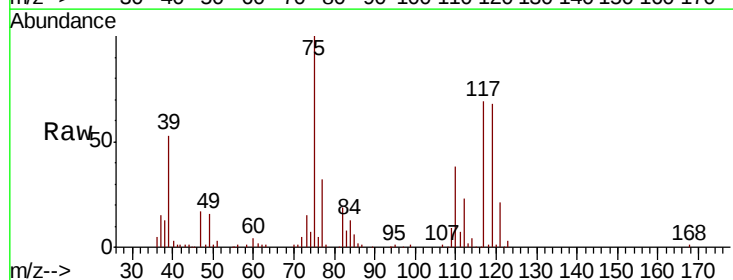
Manual Integrations
APPROVED

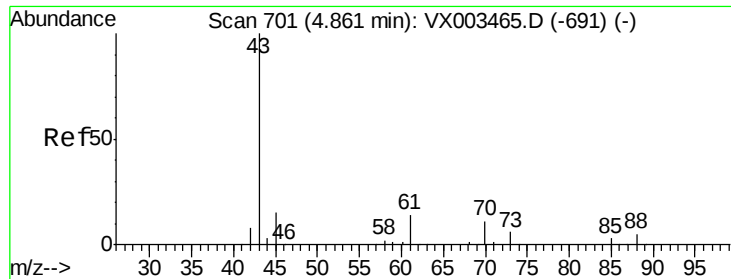
MMDadoda
7/23/2018 3:19:36 PM



#36
1,1-Dichloropropene
Concen: 19.275 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.00 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	77816		
110	37.3	18.1	54.4	
77	31.9	24.3	36.5	





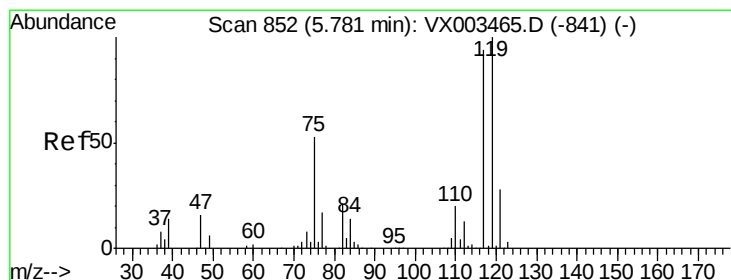
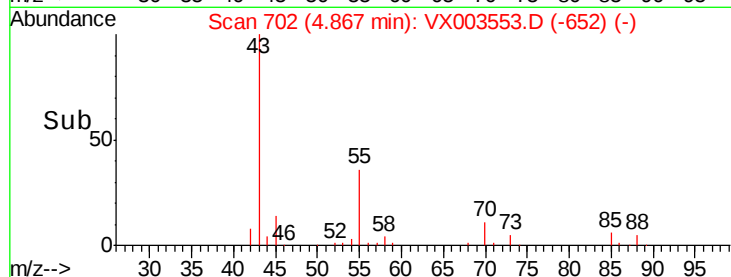
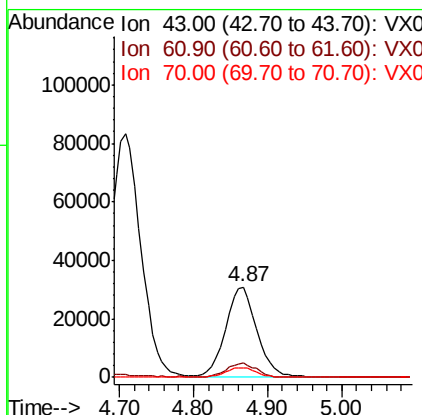
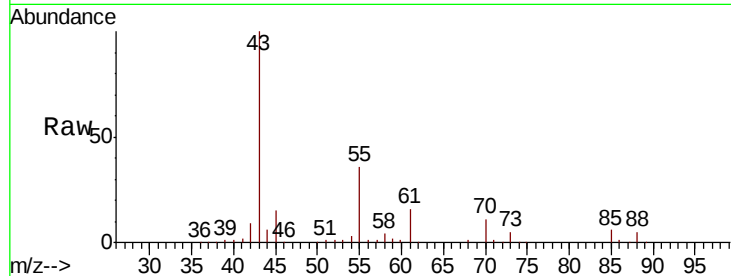
#37
Ethyl Acetate
Concen: 23.591 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.01 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

Instrument :
MSVOA_X
ClientSampleId :
VX0721WBSD01

Tgt Ion:	43	Resp:	90125
Ion	Ratio	Lower	Upper
43	100		
61	15.2	10.4	15.6
70	10.9	7.6	11.4

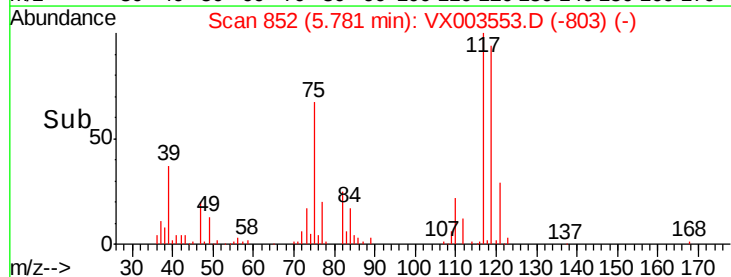
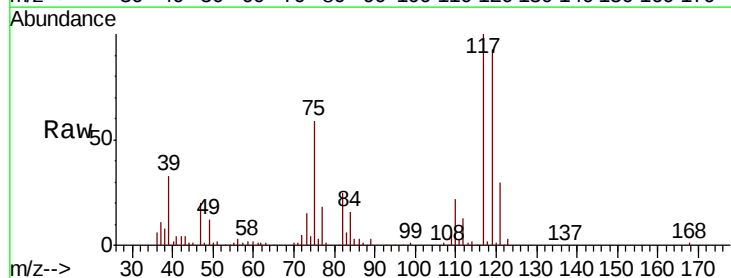
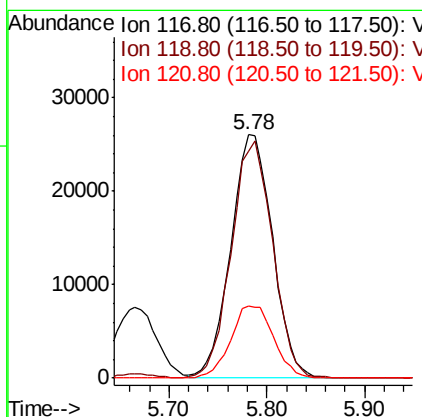
Manual Integrations
APPROVED

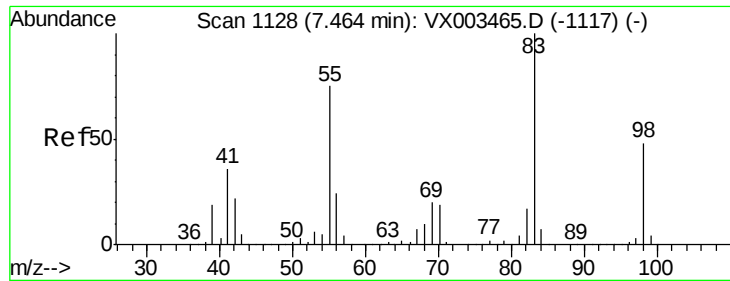
MMDadoda
7/23/2018 3:19:36 PM



#38
Carbon Tetrachloride
Concen: 19.513 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.00 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

Tgt Ion:	117	Resp:	77271
Ion	Ratio	Lower	Upper
117	100		
119	93.0	77.4	116.0
121	29.5	24.4	36.6





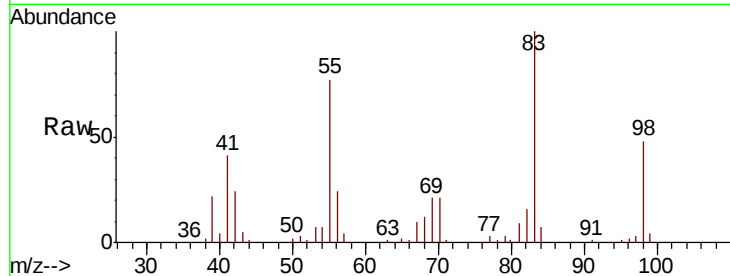
#39
Methylcyclohexane
Concen: 18.639 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

Instrument :
MSVOA_X
ClientSampleId :
VX0721WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.1	65.4	98.0
98	48.4	37.4	56.0

Manual Integrations
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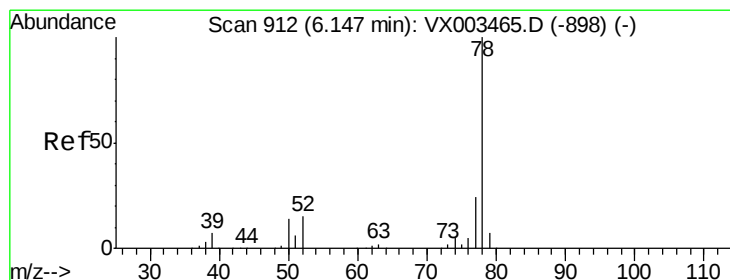
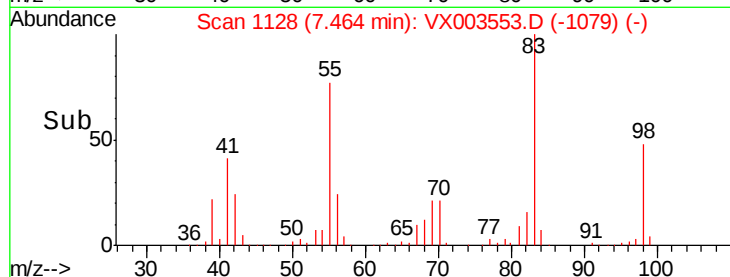
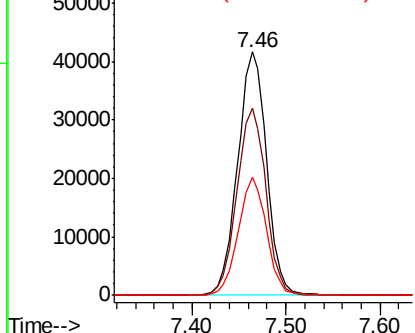


Abundance

Ion 83.00 (82.70 to 83.70): VX0

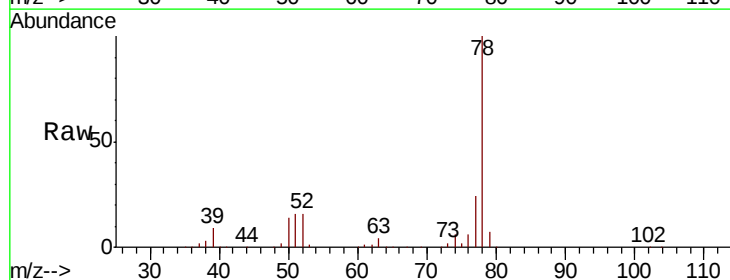
Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40
Benzene
Concen: 20.737 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

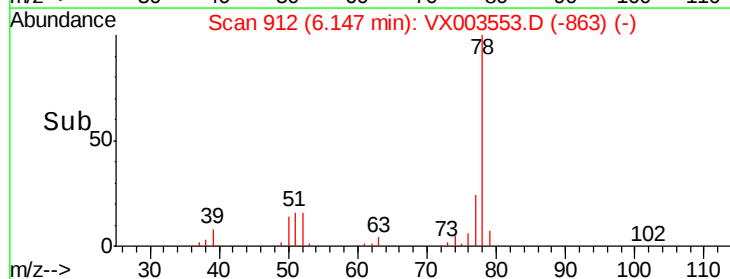
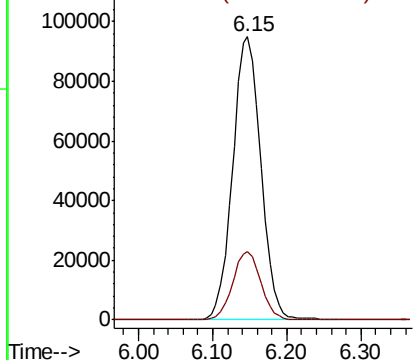
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.1	28.7

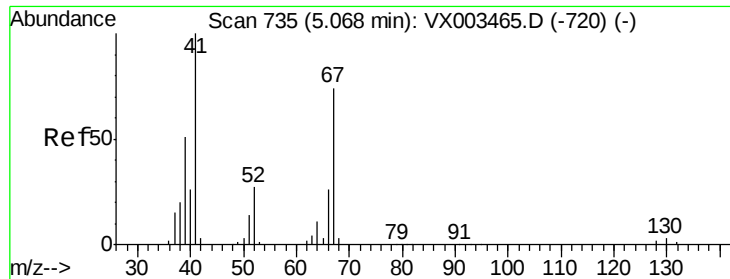


Abundance

Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





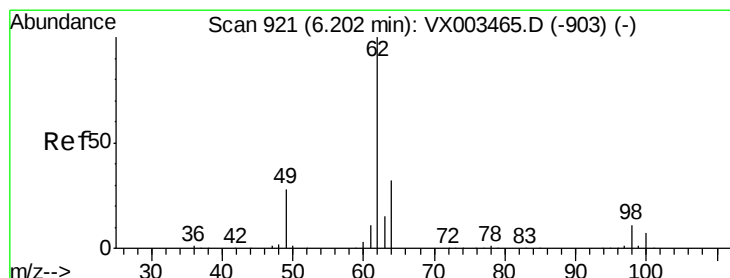
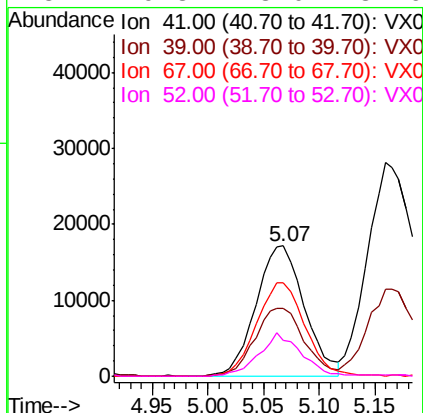
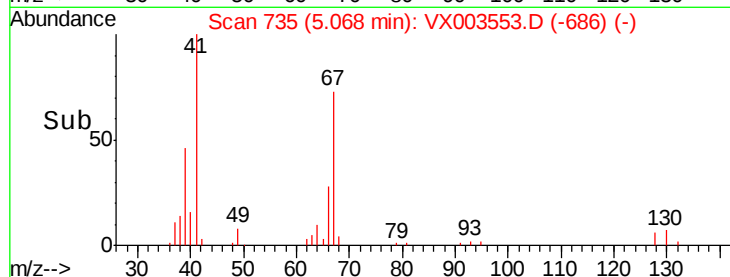
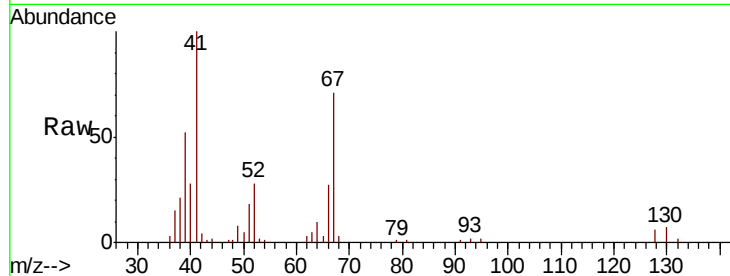
#41
Methacrylonitrile
Concen: 23.227 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

Instrument :
MSVOA_X
ClientSampled :
VX0721WBSD01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	53.5	45.8	68.6
67	71.9	51.3	76.9
52	29.3	23.0	34.6

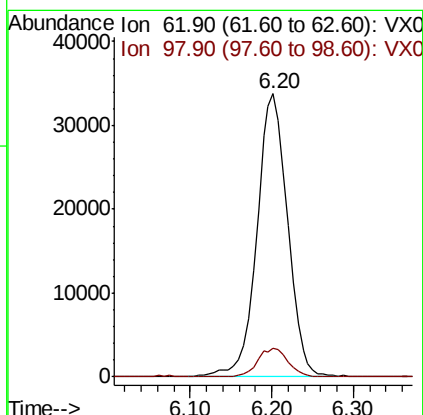
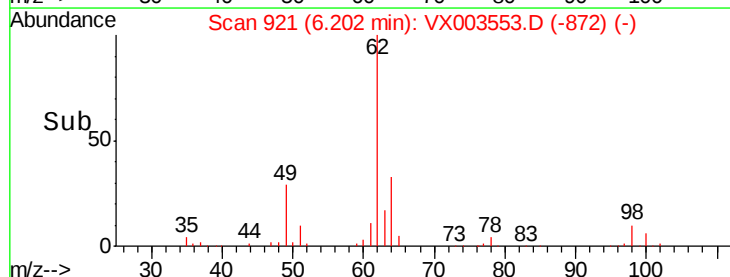
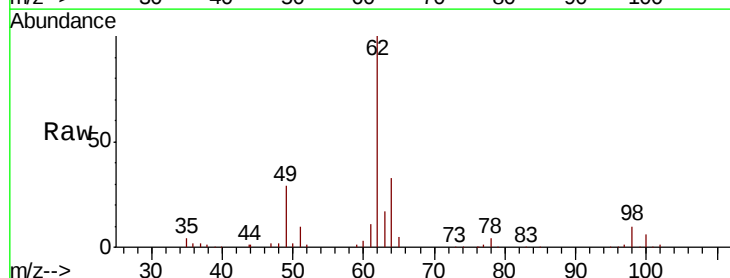
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 23.075 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	16.6





#43

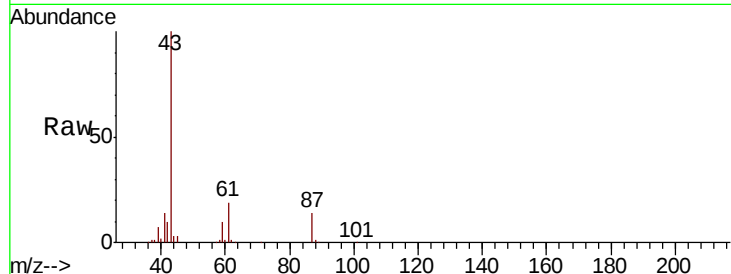
Isopropyl Acetate
 Concen: 23.243 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: VX003553.D
 Acq: 21 Jul 2018 14:28

Instrument :
 MSVOA_X
 ClientSampled :
 VX0721WBSD01

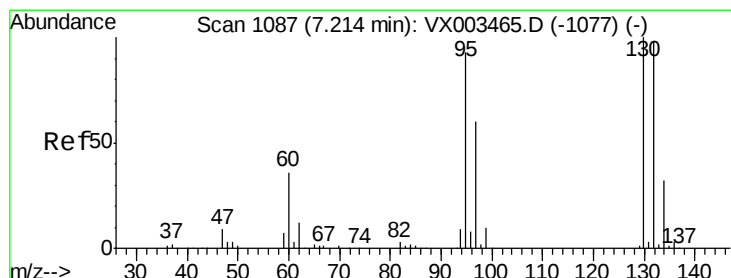
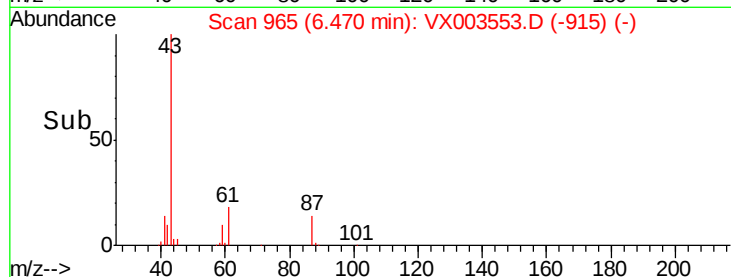
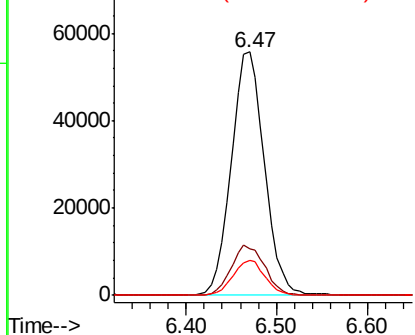
Tgt Ion:	43	Resp:	141250
Ion	Ratio	Lower	Upper
43	100		
61	20.9	14.4	21.6
87	14.0	9.5	14.3

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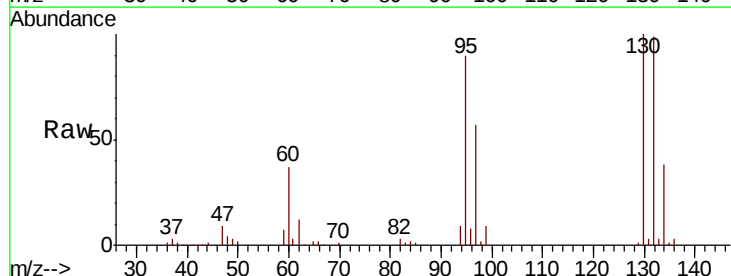
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



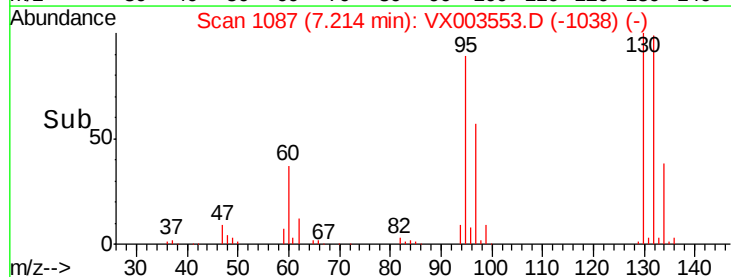
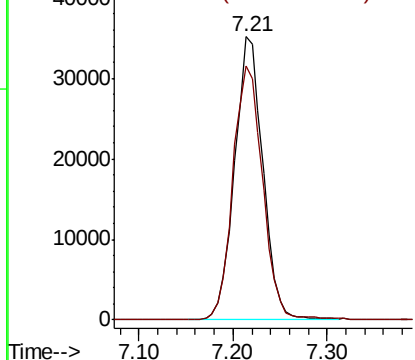
#44

Trichloroethene
 Concen: 20.321 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX003553.D
 Acq: 21 Jul 2018 14:28

Tgt Ion:	130	Resp:	73870
Ion	Ratio	Lower	Upper
130	100		
95	89.5	0.0	185.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0



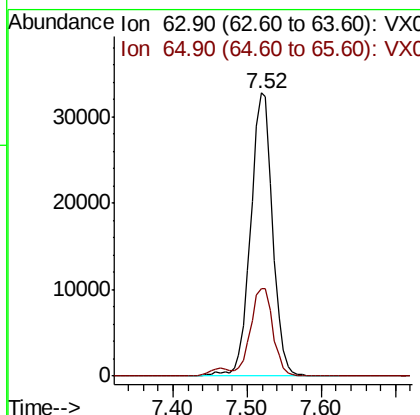
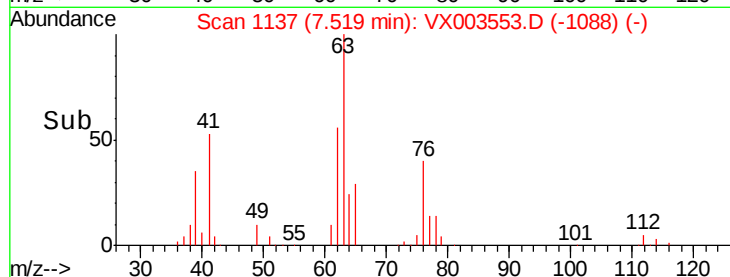
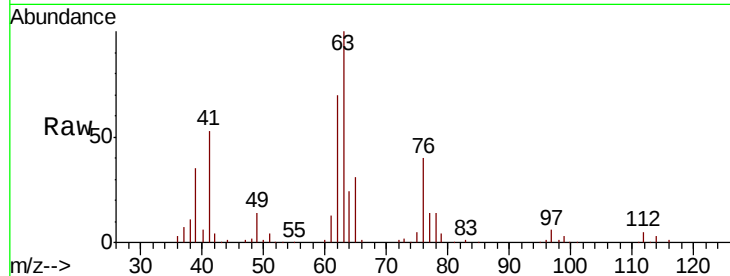


#45
 1,2-Dichloropropane
 Concen: 21.911 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX003553.D
 Acq: 21 Jul 2018 14:28

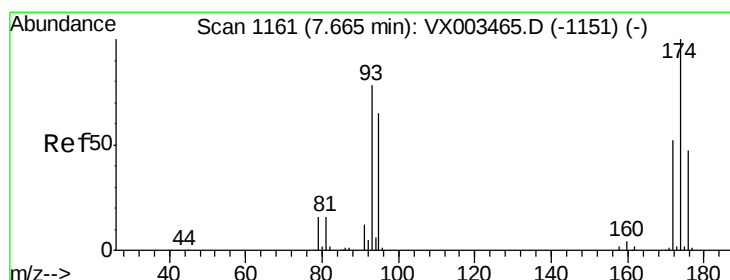
Instrument :
 MSVOA_X
 ClientSampled :
 VX0721WBSD01

Tgt Ion: 63 Resp: 67817
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.7 37.1

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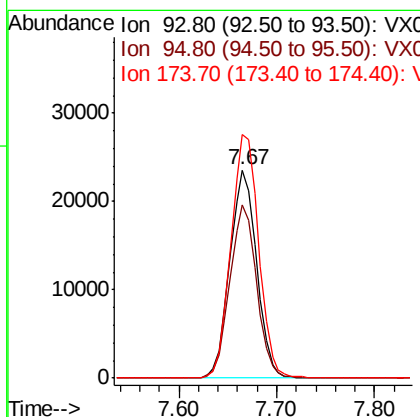
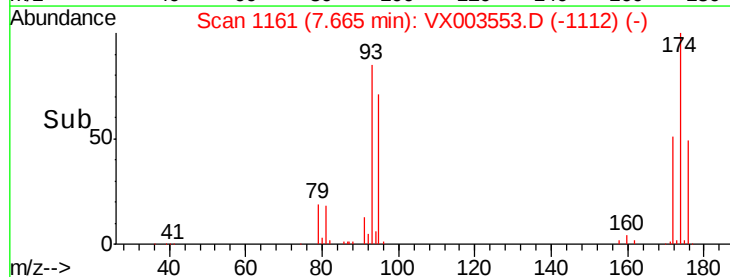
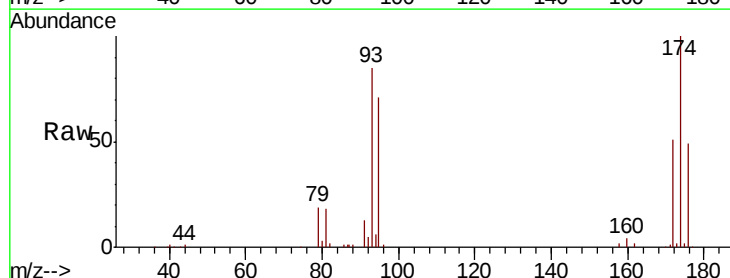


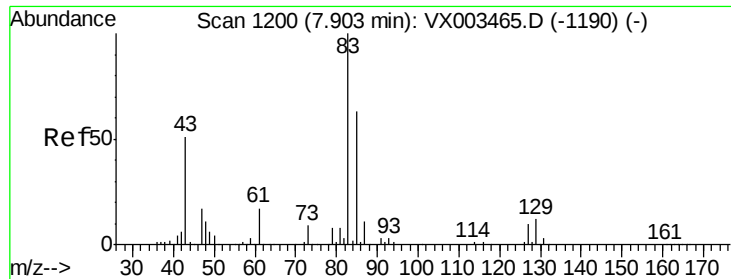
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#46
 Dibromomethane
 Concen: 22.583 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003553.D
 Acq: 21 Jul 2018 14:28

Tgt Ion: 93 Resp: 44998
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.9 98.9
 174 120.6 92.4 138.6





#47

Bromodichloromethane

Concen: 22.524 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VX003553.D

Acq: 21 Jul 2018 14:28

Instrument :

MSVOA_X

ClientSampleId :

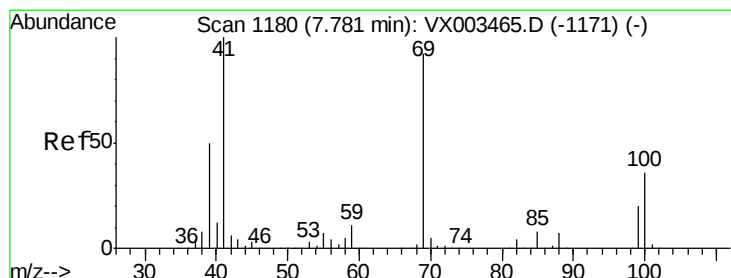
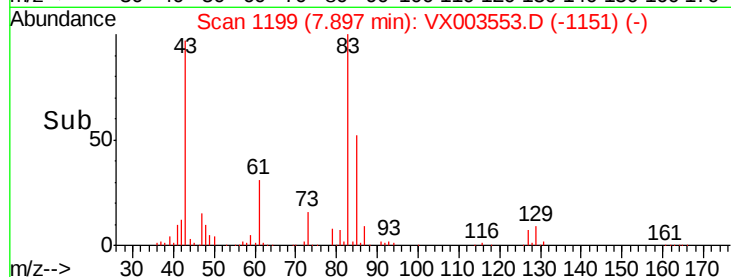
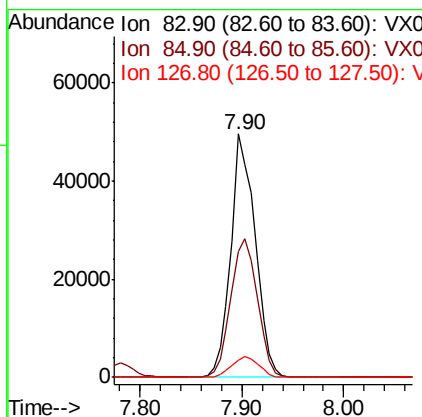
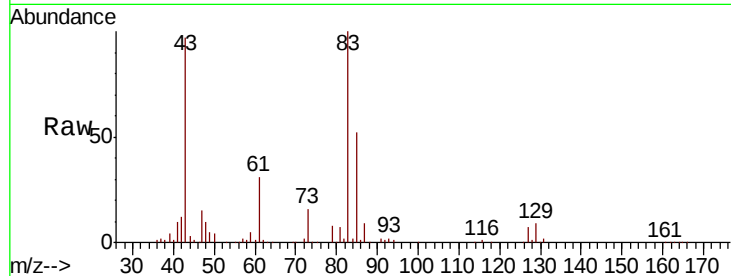
VX0721WBSD01

Tgt Ion:	83	Resp:	82165
Ion Ratio	Lower	Upper	
83	100		
85	51.7	50.3	75.5
127	6.8	7.0	10.4#

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#48

Methyl methacrylate

Concen: 23.285 ug/l

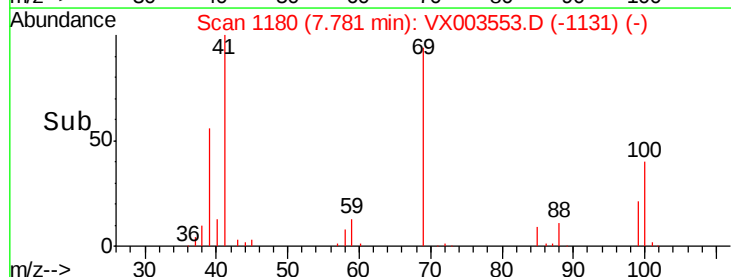
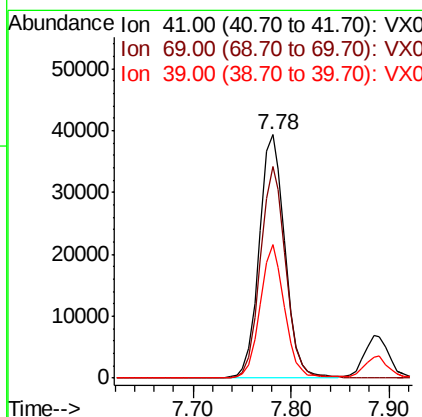
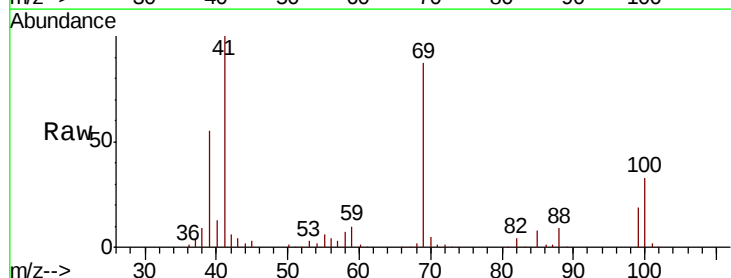
RT: 7.78 min Scan# 1180

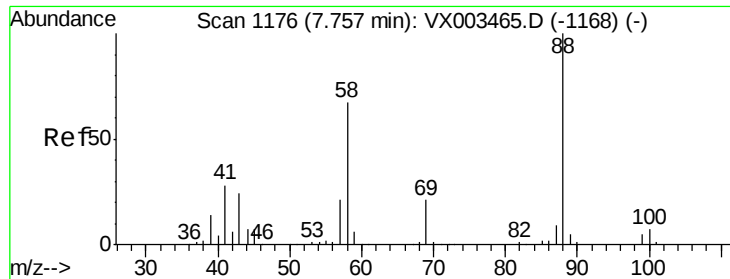
Delta R.T. -0.00 min

Lab File: VX003553.D

Acq: 21 Jul 2018 14:28

Tgt Ion:	41	Resp:	71360
Ion Ratio	Lower	Upper	
41	100		
69	86.2	59.1	88.7
39	52.7	48.9	73.3





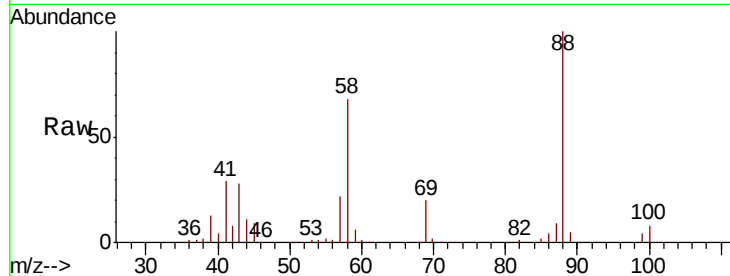
#49
1,4-Dioxane
Concen: 460.698 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

Instrument :
MSVOA_X
ClientSampleId :
VX0721WBSD01

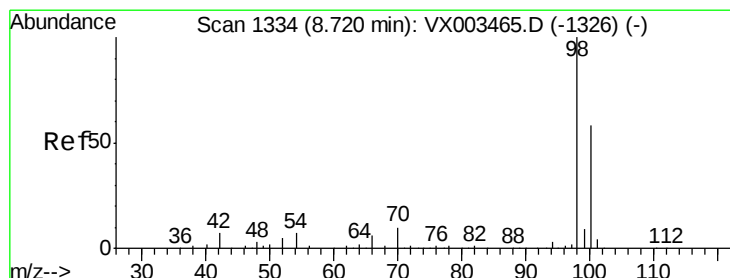
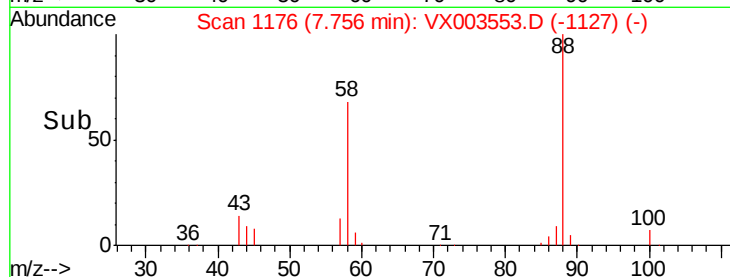
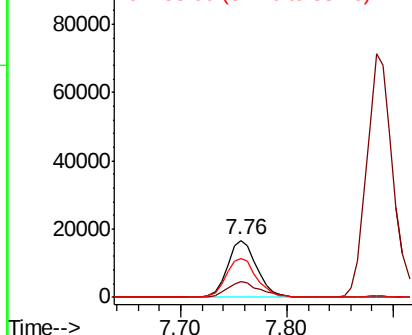
Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.3	29.8	44.6
58	72.2	57.1	85.7

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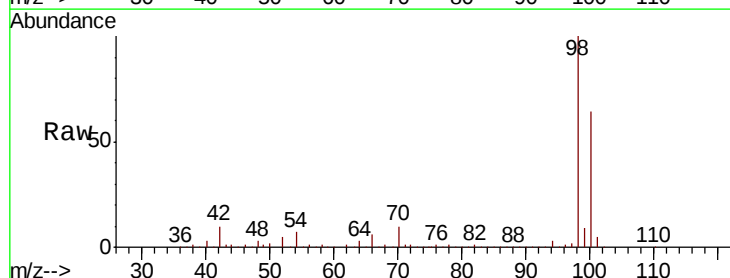


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

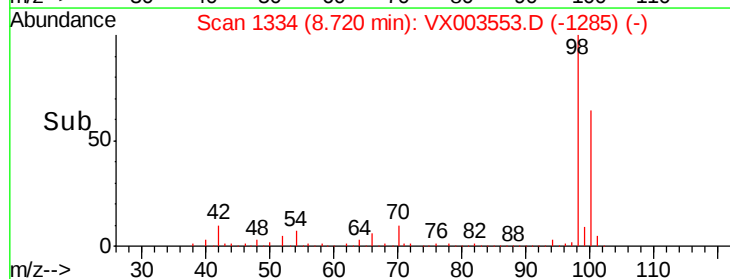
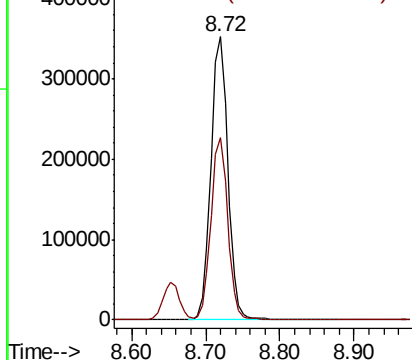


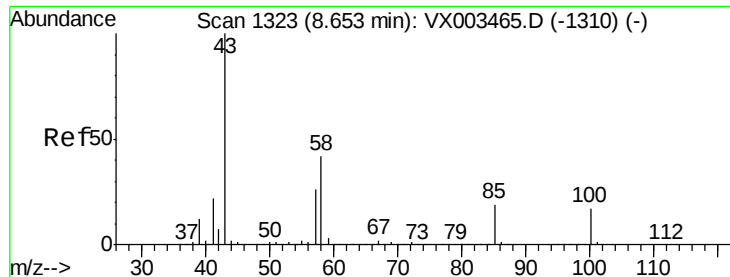
#50
Toluene-d8
Concen: 51.409 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.9	76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



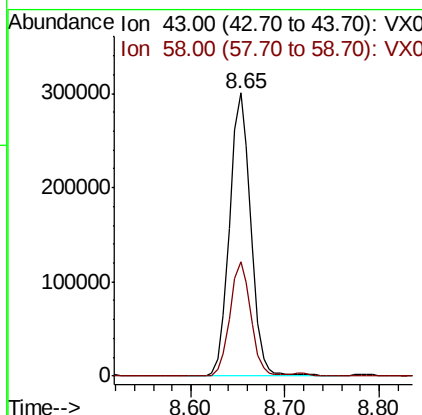
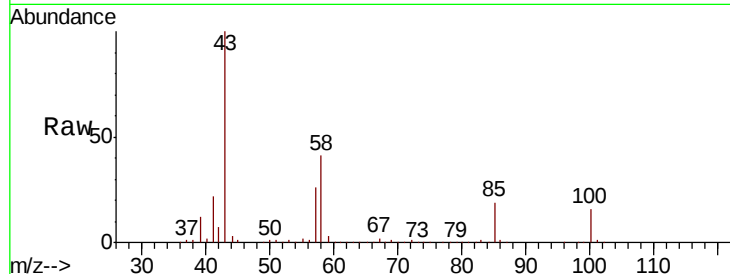


#51
4-Methyl-2-Pentanone
Concen: 122.483 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.00 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

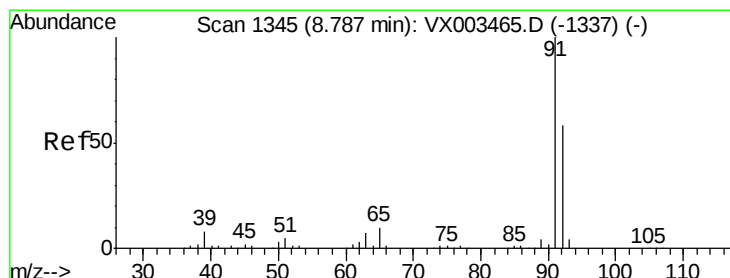
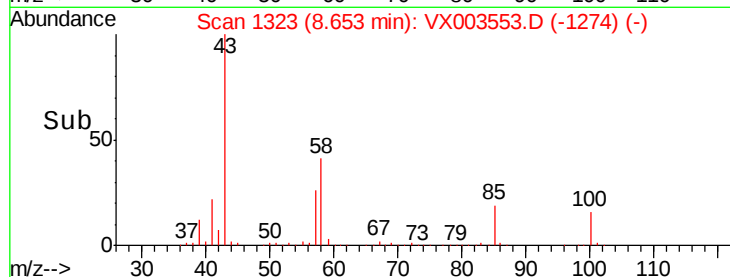
Instrument :
MSVOA_X
ClientSampled :
VX0721WBSD01

Tgt Ion: 43 Resp: 470237
Ion Ratio Lower Upper
43 100
58 39.6 28.6 42.8

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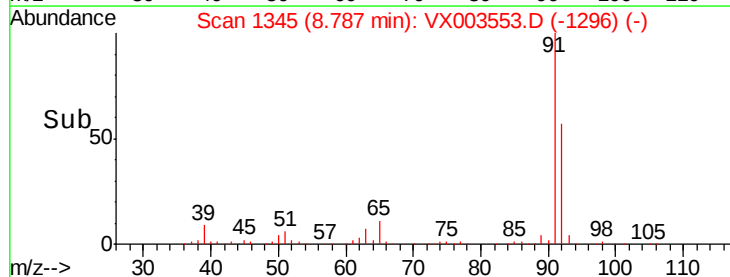
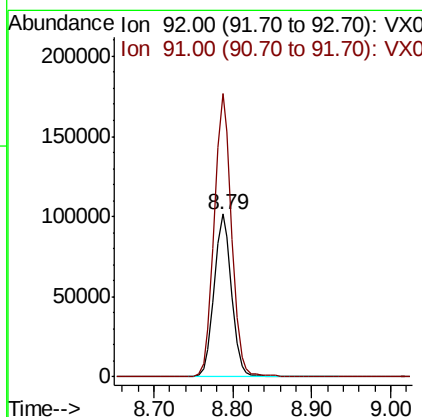
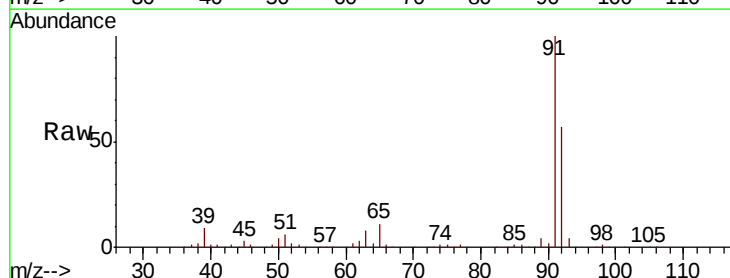


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#52
Toluene
Concen: 20.502 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

Tgt Ion: 92 Resp: 157302
Ion Ratio Lower Upper
92 100
91 173.2 140.4 210.6



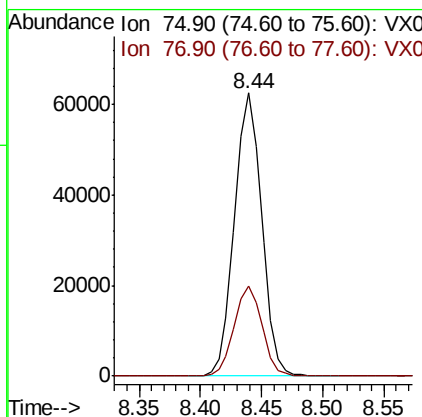
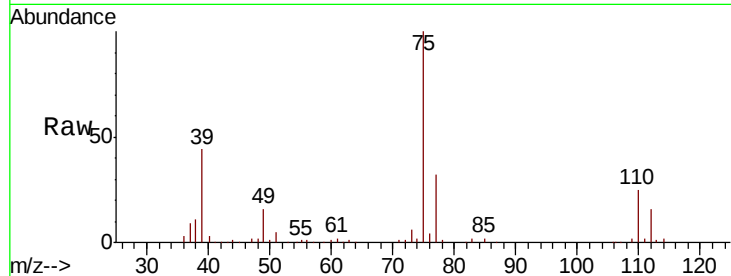


#53
t-1,3-Dichloropropene
Concen: 21.508 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

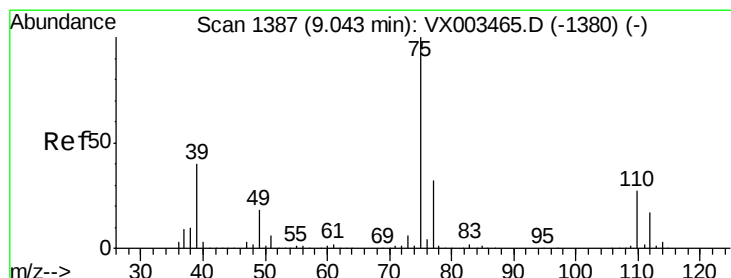
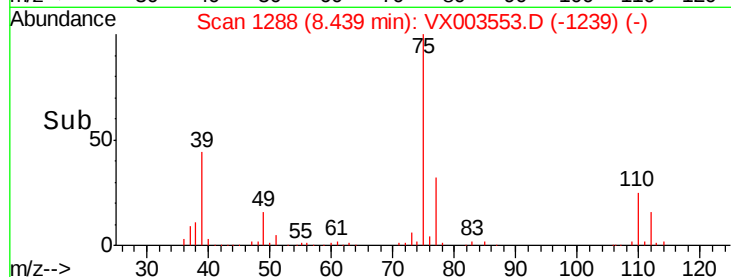
Instrument :
MSVOA_X
ClientSampled :
VX0721WBSD01

Tgt Ion: 75 Resp: 96568
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2

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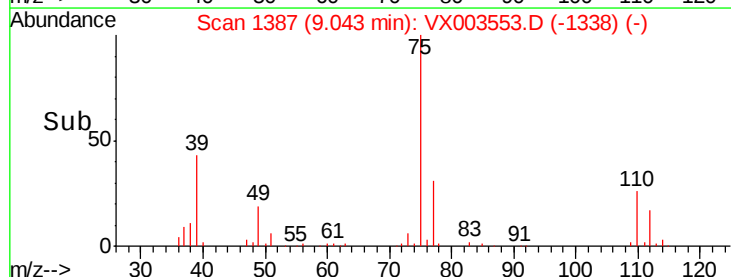
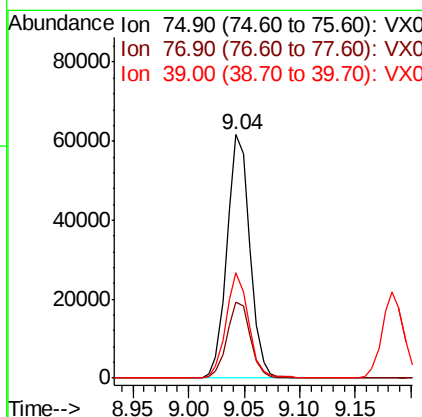
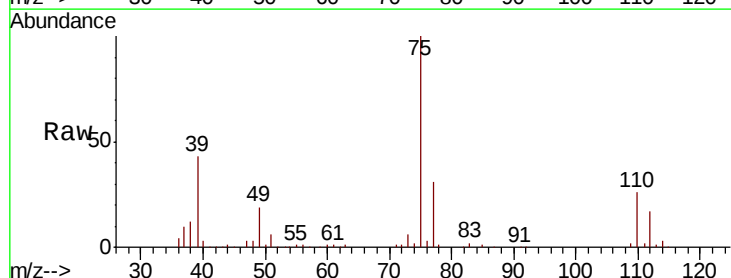


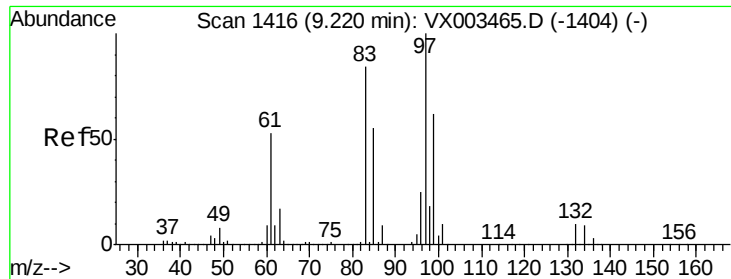
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#54
cis-1,3-Dichloropropene
Concen: 21.751 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

Tgt Ion: 75 Resp: 87824
Ion Ratio Lower Upper
75 100
77 31.1 24.8 37.2
39 42.9 42.4 63.6





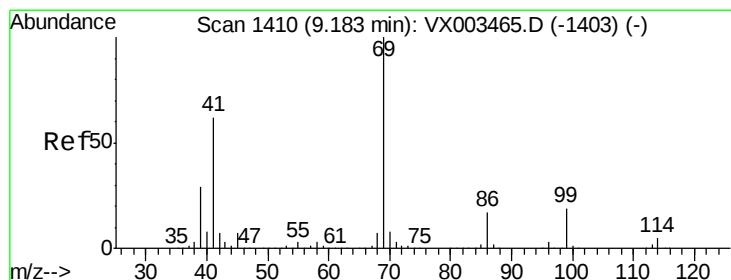
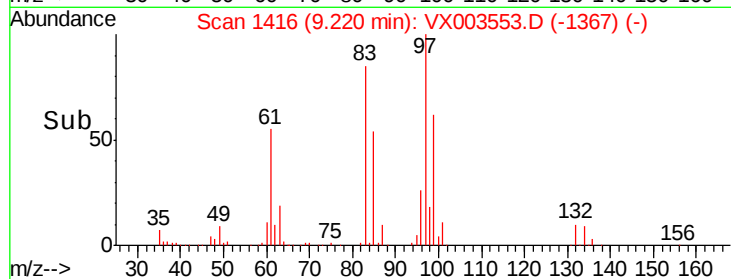
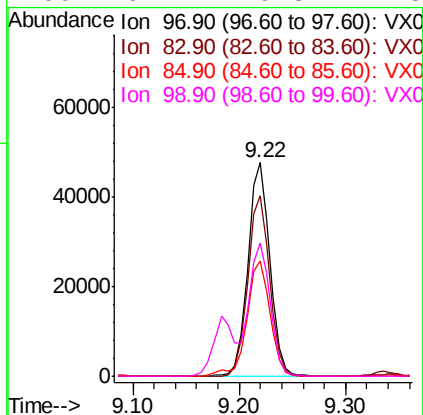
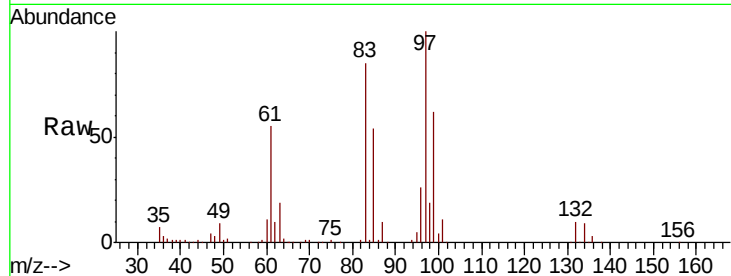
#55
 1,1,2-Trichloroethane
 Concen: 22.500 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003553.D
 Acq: 21 Jul 2018 14:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0721WBSD01

Tgt Ion:	97	Resp:	68693
Ion	Ratio	Lower	Upper
97	100		
83	84.5	70.2	105.2
85	53.8	44.9	67.3
99	62.4	49.8	74.8

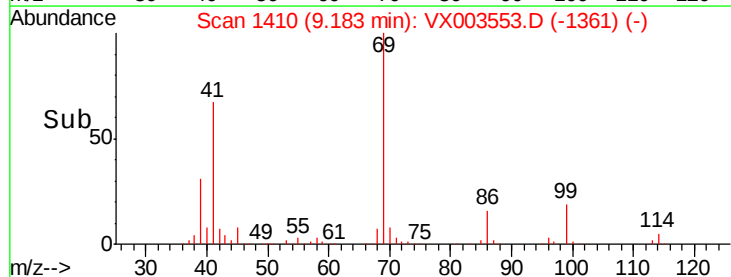
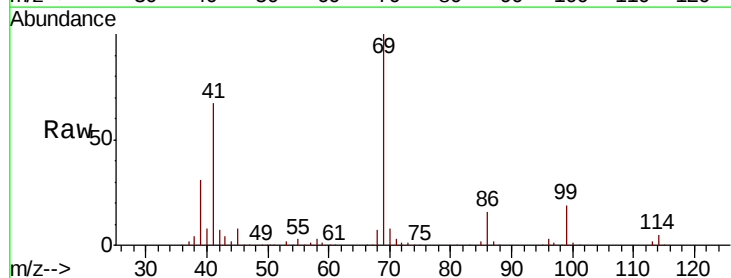
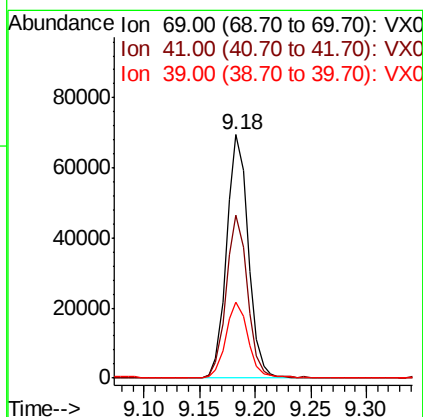
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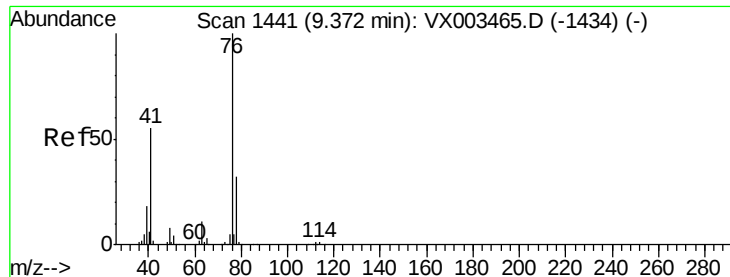
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#56
 Ethyl methacrylate
 Concen: 21.867 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003553.D
 Acq: 21 Jul 2018 14:28

Tgt Ion:	69	Resp:	94033
Ion	Ratio	Lower	Upper
69	100		
41	65.3	60.3	90.5
39	31.9	35.8	53.8#



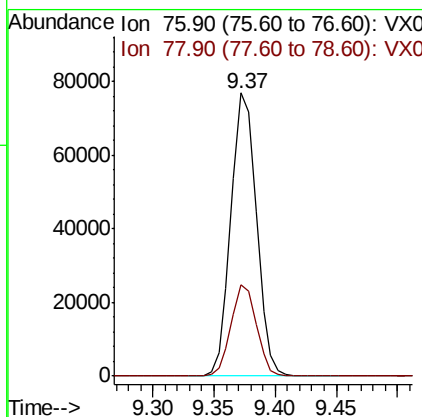
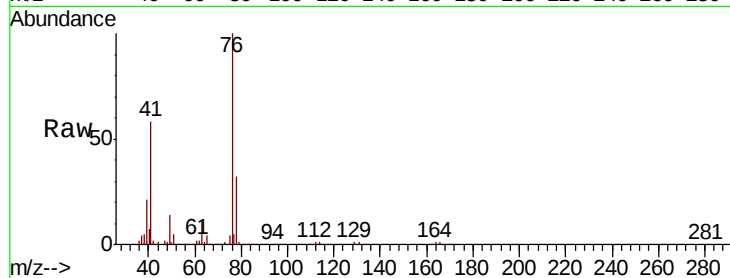


#57
 1,3-Dichloropropane
 Concen: 22.608 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VX003553.D
 Acq: 21 Jul 2018 14:28

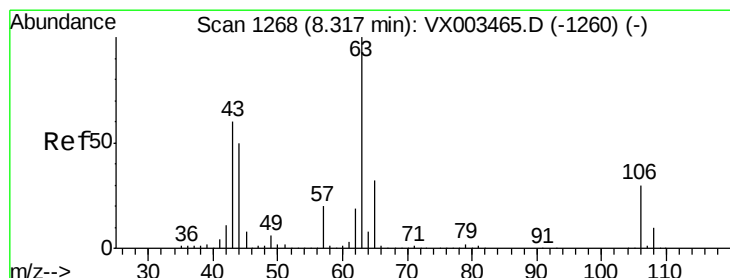
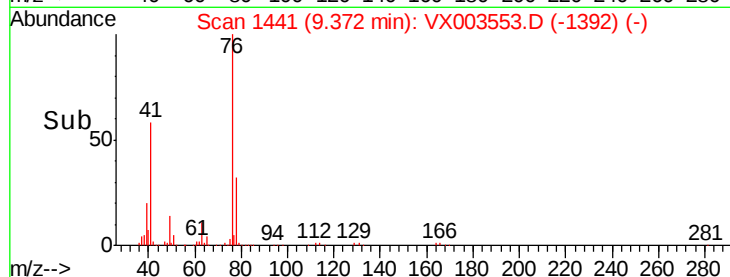
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0721WBSD01

Tgt Ion: 76 Resp: 111572
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.6

Manual Integrations
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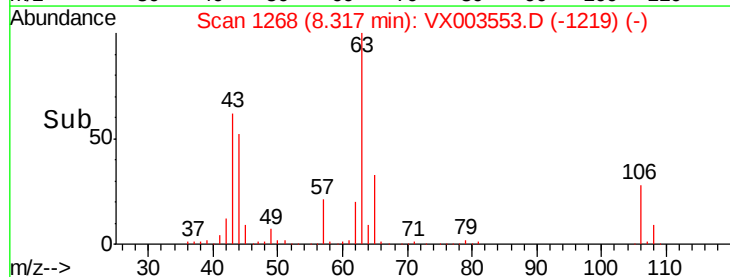
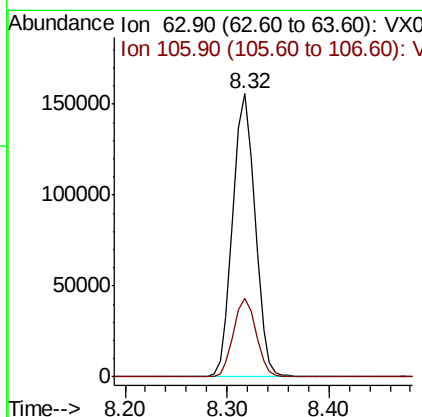
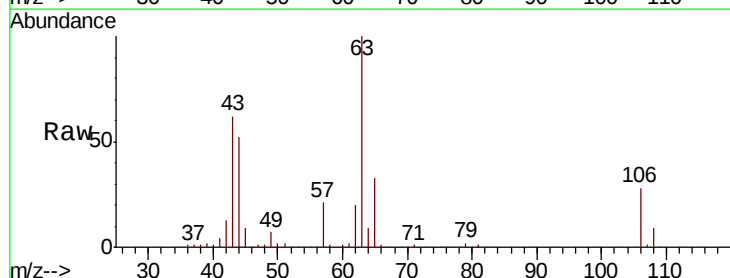


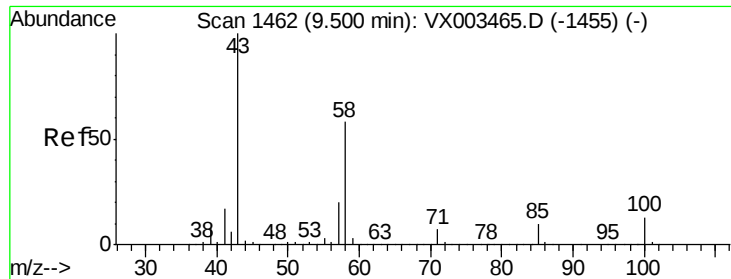
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#58
 2-Chloroethyl Vinyl ether
 Concen: 113.467 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX003553.D
 Acq: 21 Jul 2018 14:28

Tgt Ion: 63 Resp: 237263
 Ion Ratio Lower Upper
 63 100
 106 27.9 21.8 32.8





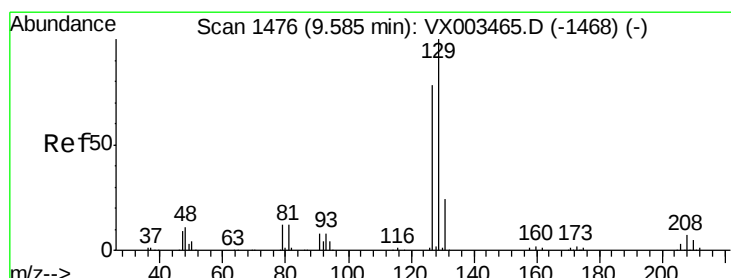
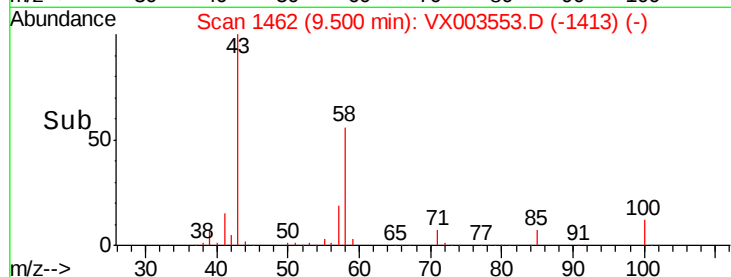
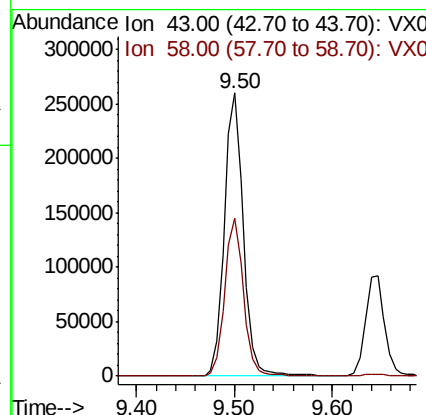
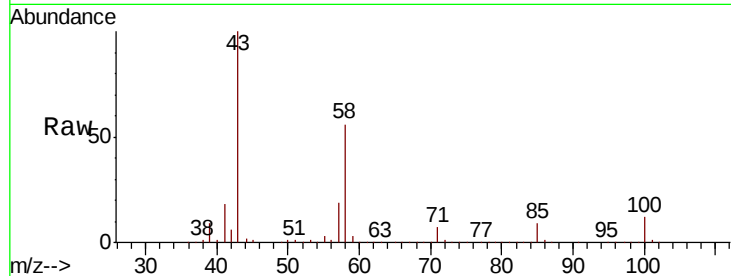
#59
2-Hexanone
Concen: 122.735 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

Instrument :
MSVOA_X
ClientSampleId :
VX0721WBSD01

Tgt Ion: 43 Resp: 349124
Ion Ratio Lower Upper
43 100
58 55.3 24.6 73.6

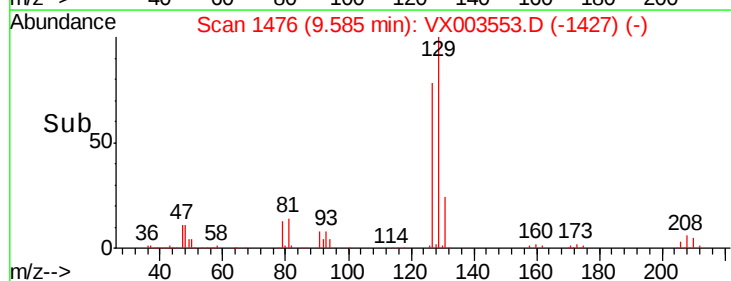
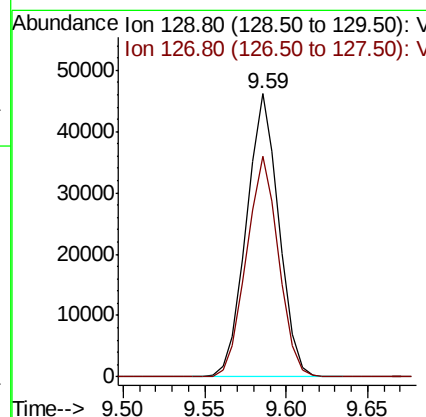
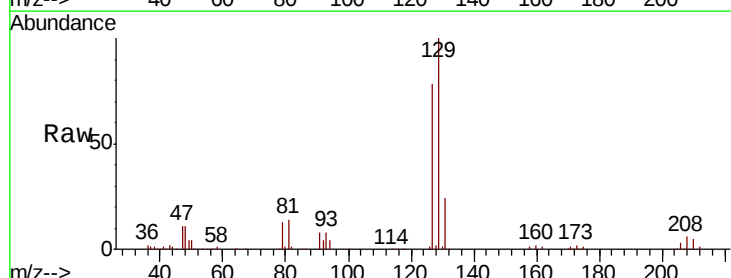
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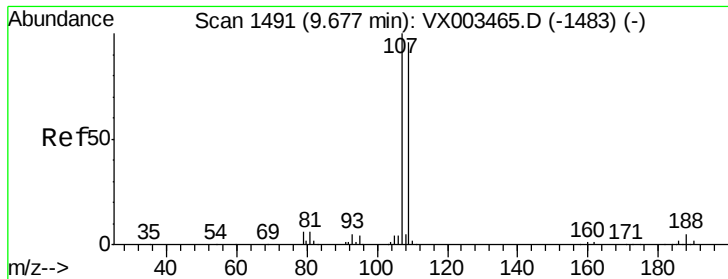
MMDadoda
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#60
Dibromochloromethane
Concen: 21.174 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

Tgt Ion: 129 Resp: 63988
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 22.181 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003553.D

Acq: 21 Jul 2018 14:28

Instrument :

MSVOA_X

ClientSampled :

VX0721WBSD01

Tgt Ion: 107 Resp: 70202

Ion Ratio Lower Upper

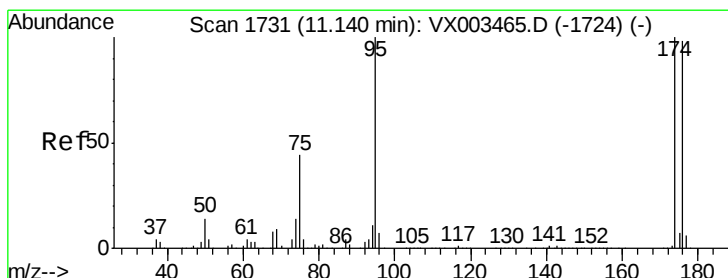
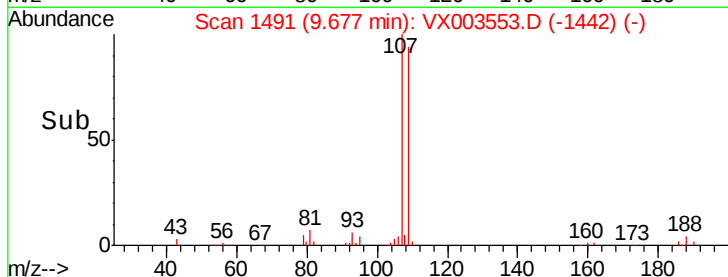
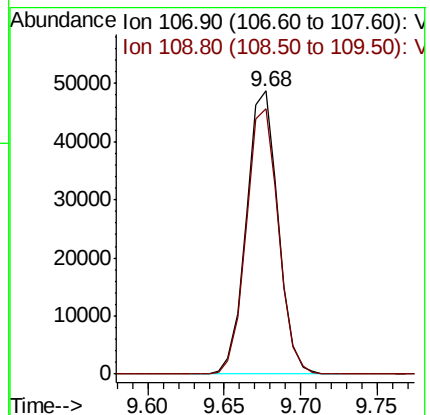
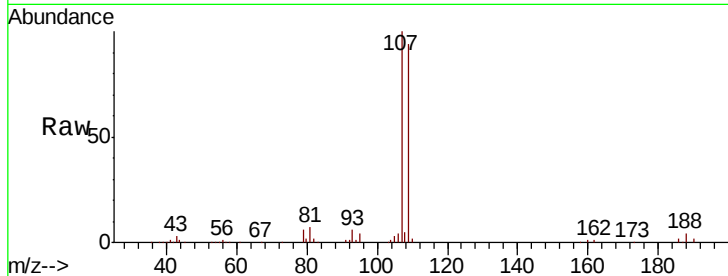
107 100

109 95.3 75.3 112.9

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 50.805 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003553.D

Acq: 21 Jul 2018 14:28

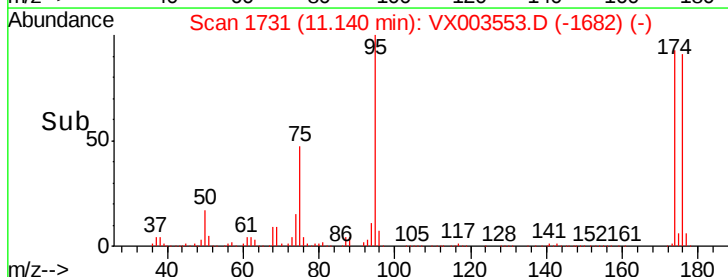
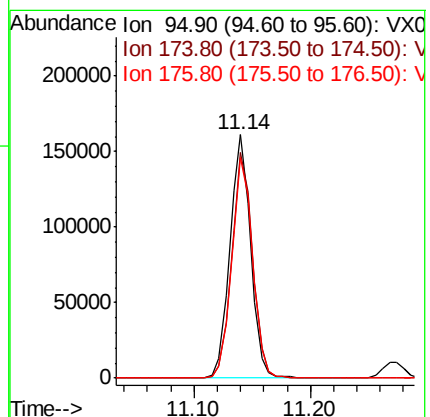
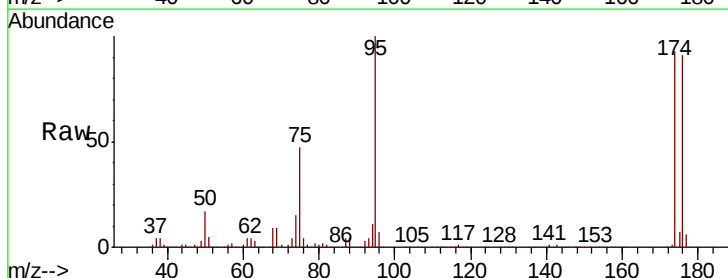
Tgt Ion: 95 Resp: 198479

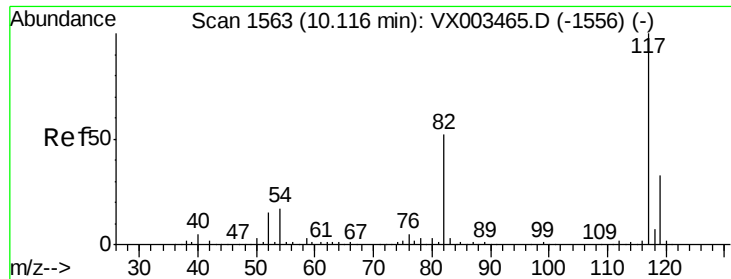
Ion Ratio Lower Upper

95 100

174 93.6 0.0 187.4

176 91.4 0.0 181.0





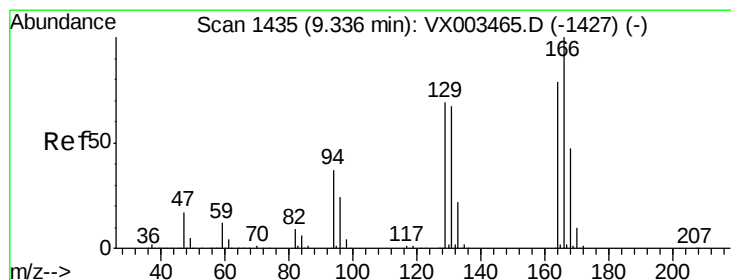
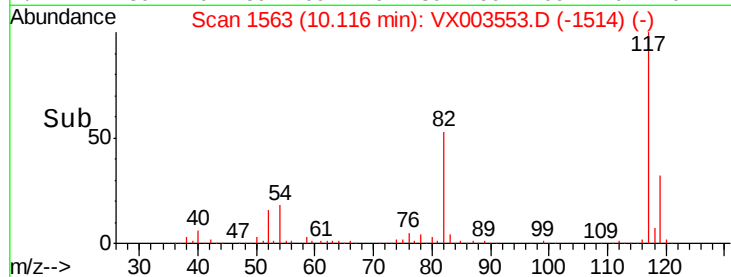
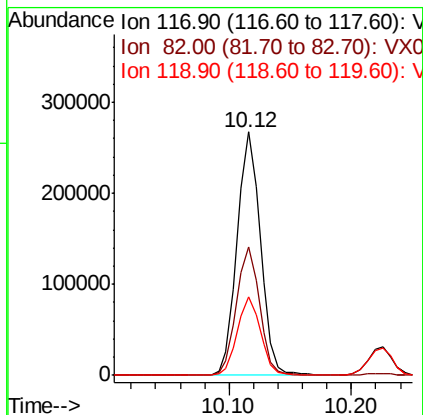
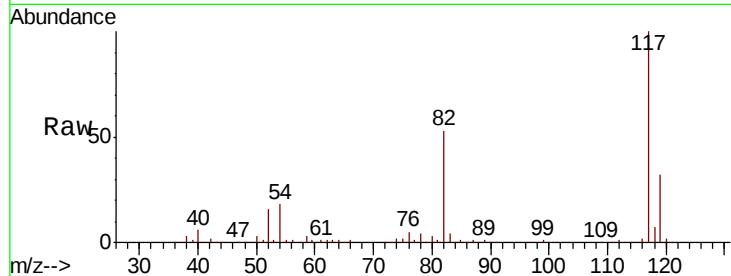
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

Instrument :
MSVOA_X
ClientSampled :
VX0721WBSD01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.9	45.0	67.4
119	32.4	25.8	38.6

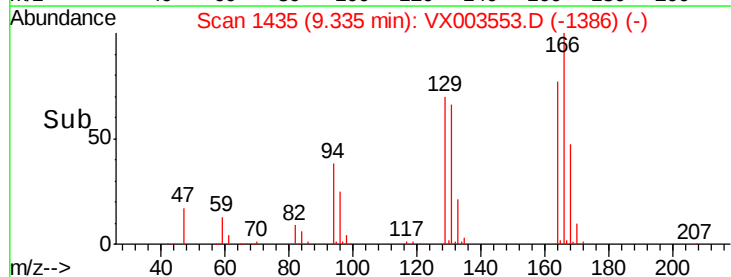
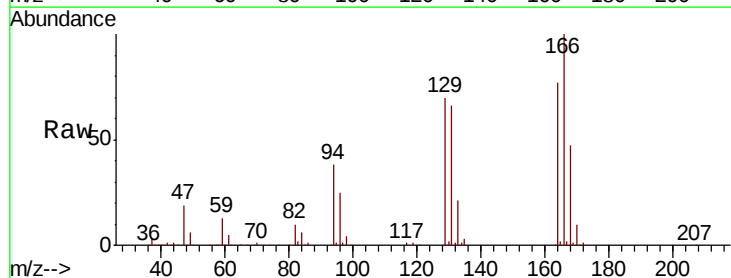
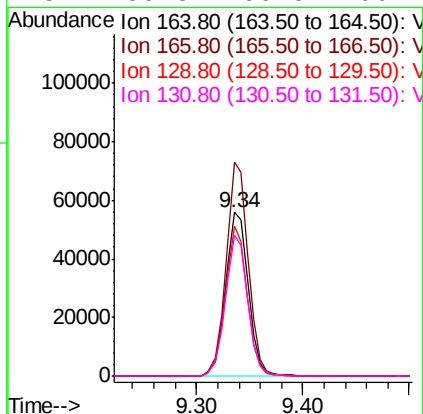
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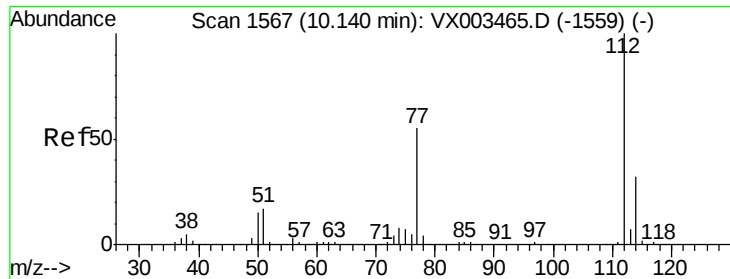
MMDadoda
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#64
Tetrachloroethene
Concen: 19.355 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.5	102.9	154.3
129	91.8	68.6	102.8
131	85.8	66.8	100.2





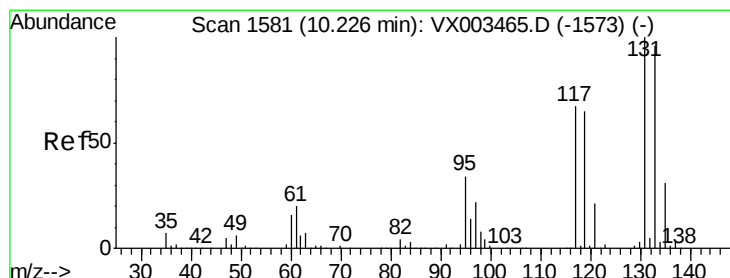
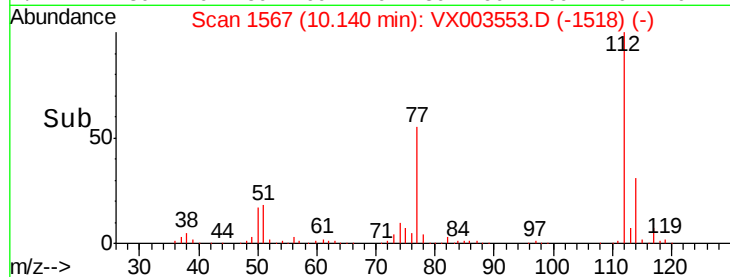
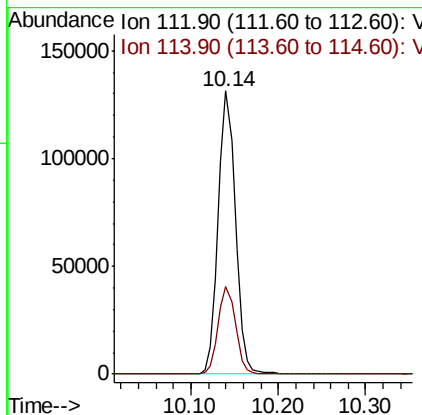
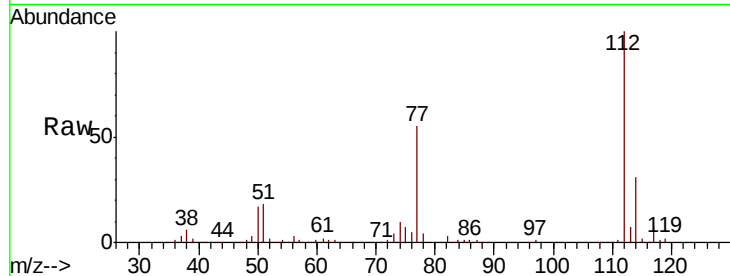
#65
Chlorobenzene
Concen: 19.774 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

Instrument :
MSVOA_X
ClientSampled :
VX0721WBSD01

Tgt Ion:112 Resp: 179623
Ion Ratio Lower Upper
112 100
114 31.1 25.3 37.9

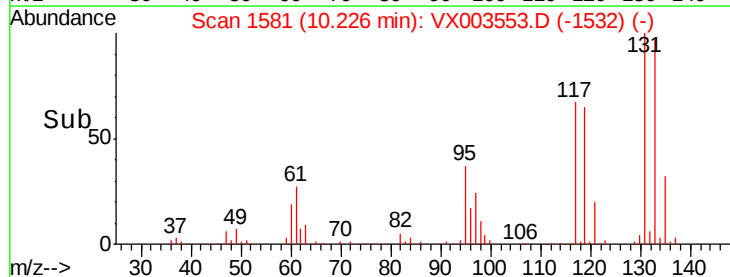
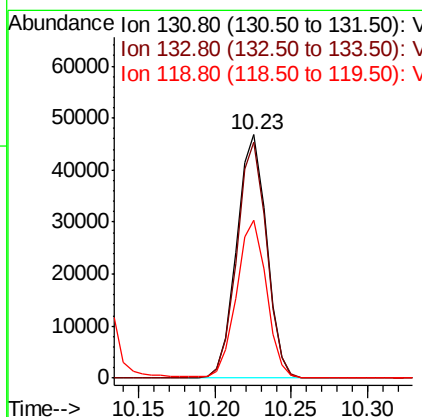
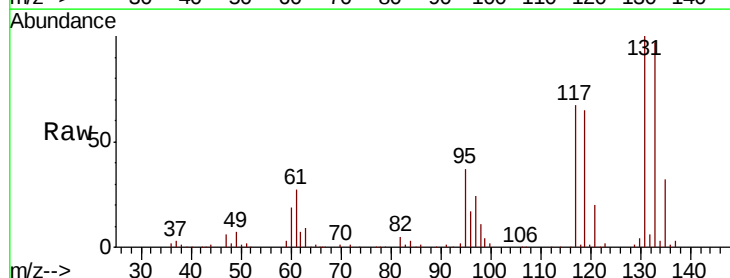
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.337 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

Tgt Ion:131 Resp: 63561
Ion Ratio Lower Upper
131 100
133 96.3 47.9 143.6
119 64.8 31.8 95.3





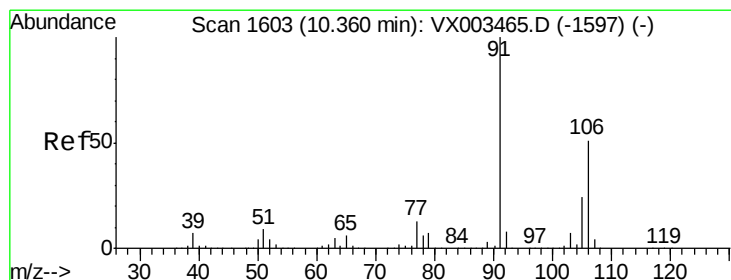
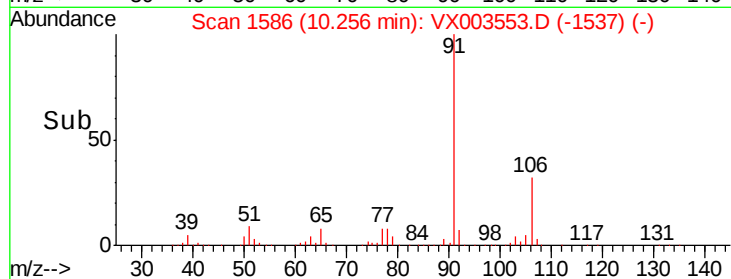
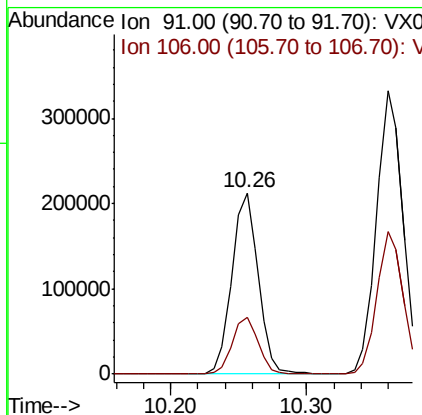
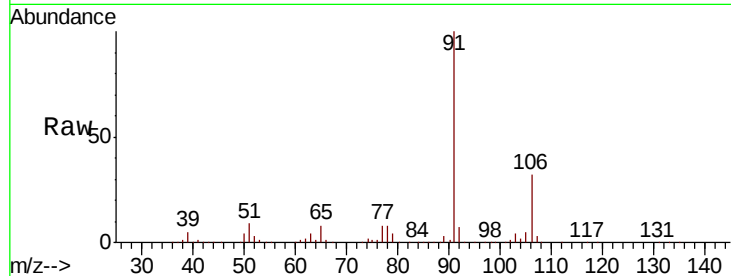
#67
Ethyl Benzene
Concen: 19.692 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

Instrument :
MSVOA_X
ClientSampled :
VX0721WBSD01

Tgt Ion: 91 Resp: 287619
Ion Ratio Lower Upper
91 100
106 31.5 25.5 38.3

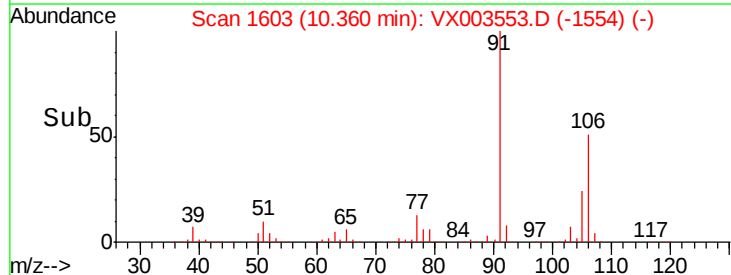
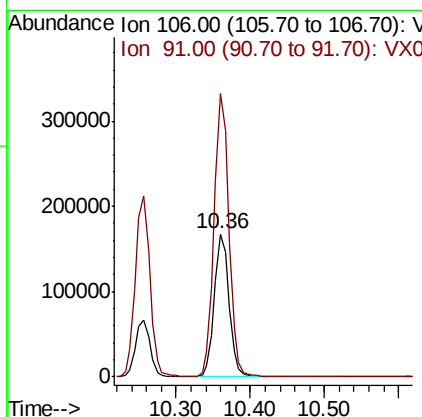
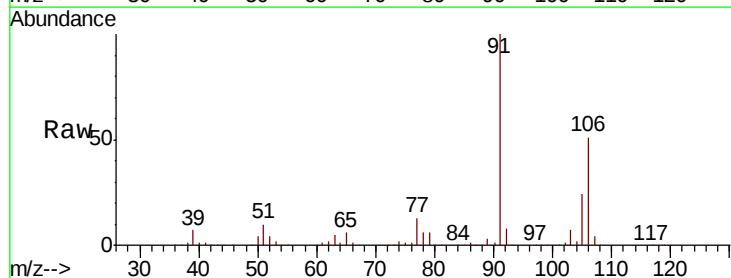
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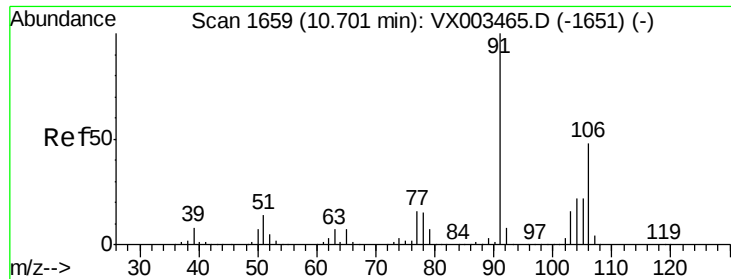
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#68
m/p-Xylenes
Concen: 39.664 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

Tgt Ion: 106 Resp: 227114
Ion Ratio Lower Upper
106 100
91 199.6 163.4 245.2



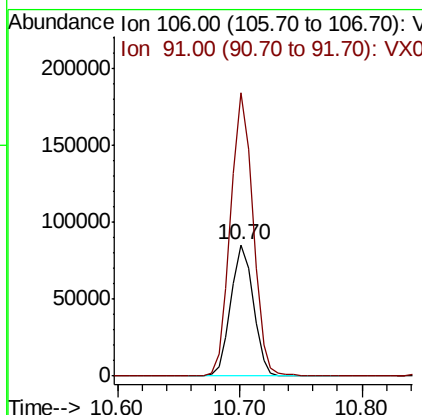
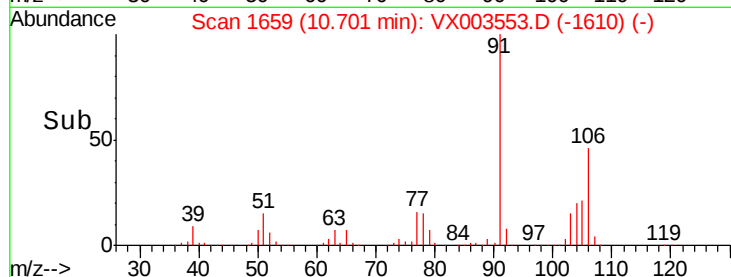
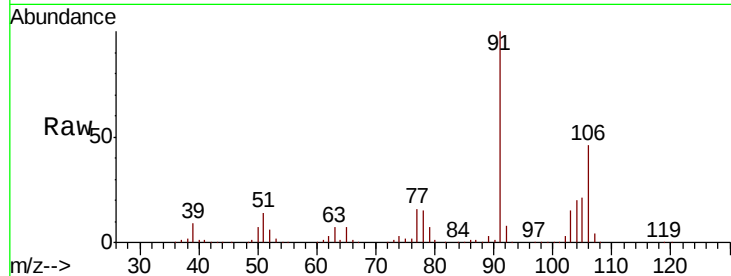


#69
o-Xylene
Concen: 19.793 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

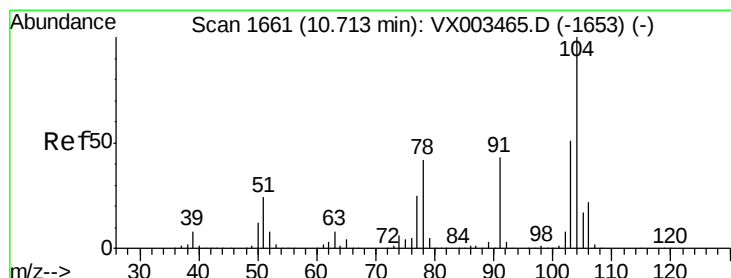
Instrument :
MSVOA_X
ClientSampleId :
VX0721WBSD01

Tgt Ion:106 Resp: 109594
Ion Ratio Lower Upper
106 100
91 214.3 108.2 324.6

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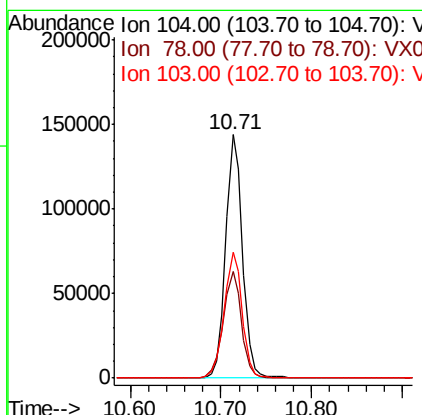
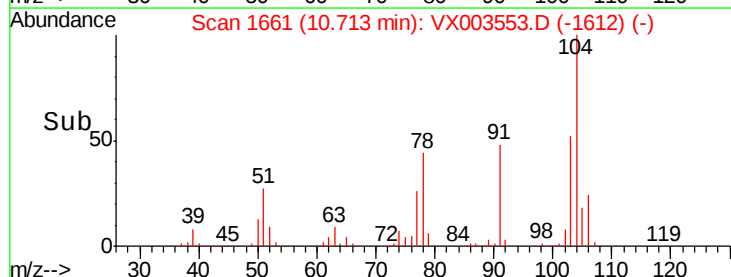
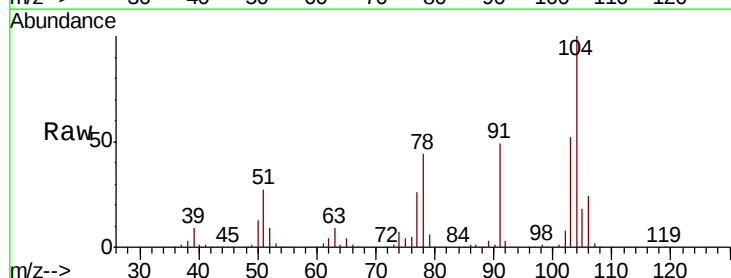


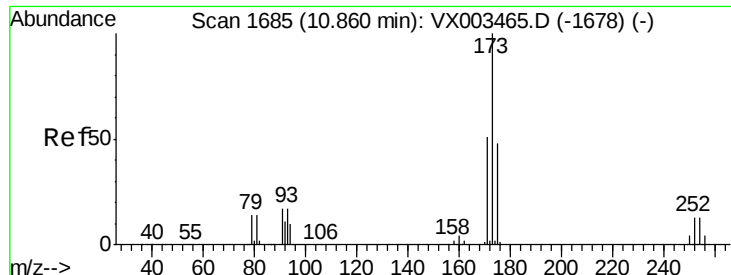
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#70
Styrene
Concen: 20.395 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

Tgt Ion:104 Resp: 185758
Ion Ratio Lower Upper
104 100
78 48.1 41.0 61.6
103 55.9 44.2 66.4





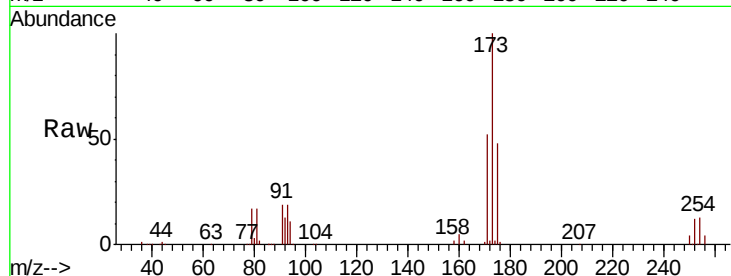
#71
Bromoform
Concen: 19.860 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

Instrument :
MSVOA_X
ClientSampleId :
VX0721WBSD01

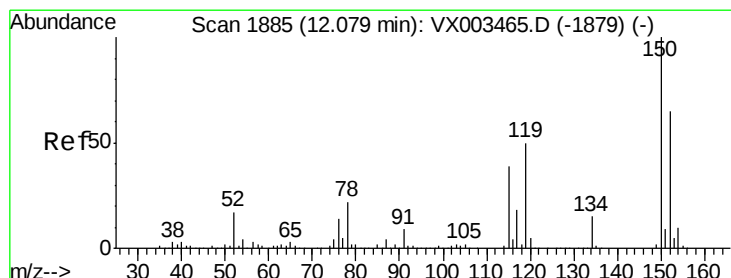
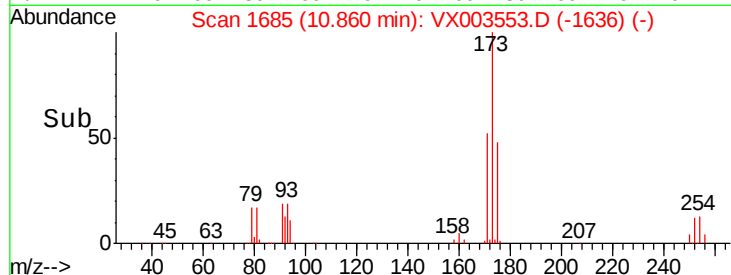
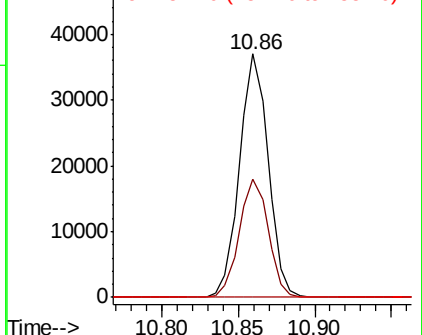
Tgt Ion:173 Resp: 48227
Ion Ratio Lower Upper
173 100
175 49.0 24.7 74.1
254 0.0 0.2 0.2#

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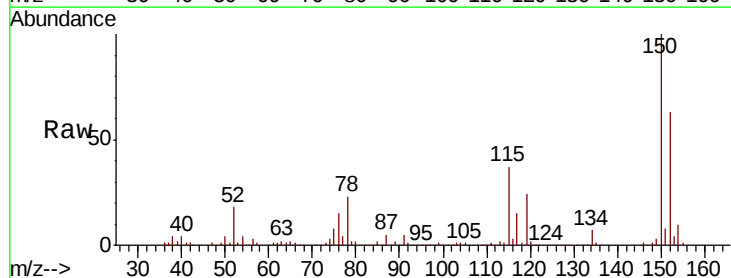


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

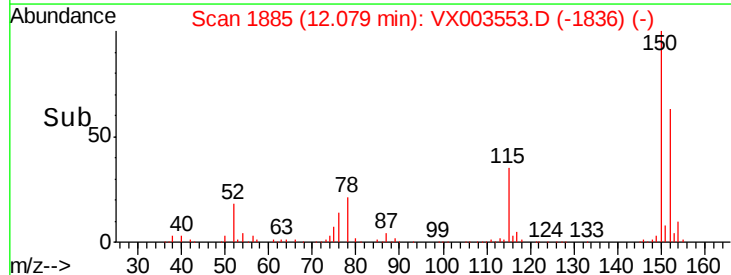
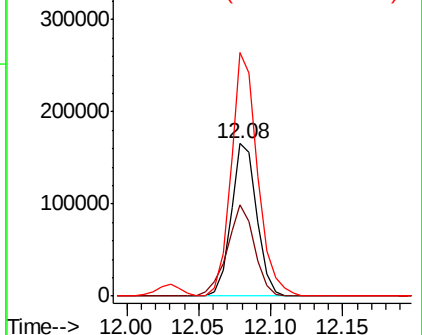


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

Tgt Ion:152 Resp: 206266
Ion Ratio Lower Upper
152 100
115 63.6 40.1 120.2
150 164.3 0.0 347.2



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





#73

Isopropylbenzene

Concen: 20.433 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX003553.D

Acq: 21 Jul 2018 14:28

Instrument :

MSVOA_X

ClientSampleId :

VX0721WBSD01

Tgt Ion: 105 Resp: 291489

Ion Ratio Lower Upper

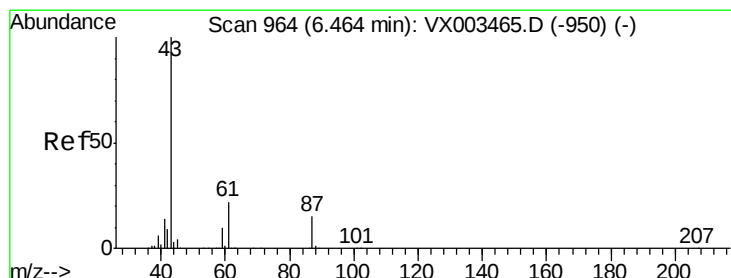
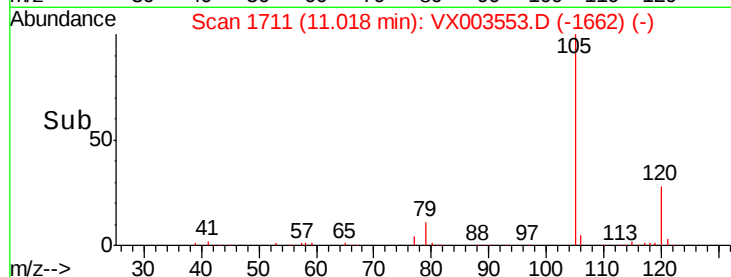
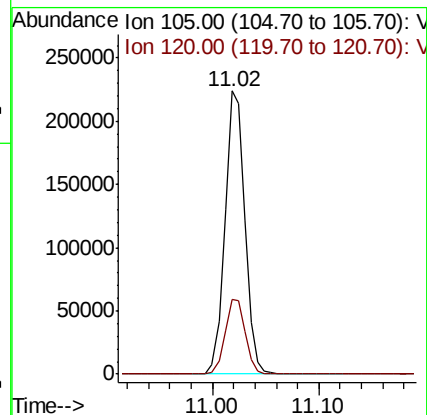
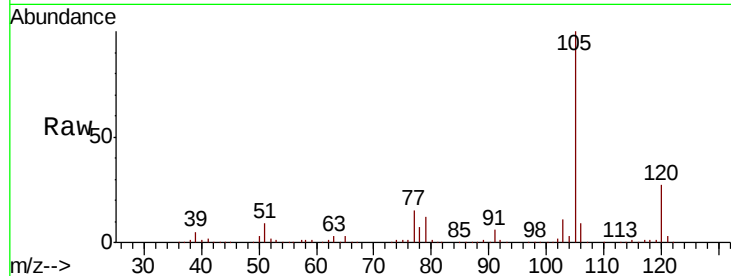
105 100

120 27.1 13.5 40.4

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#74

N-ethyl acetate

Concen: 23.319 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX003553.D

Acq: 21 Jul 2018 14:28

Tgt Ion: 43 Resp: 141250

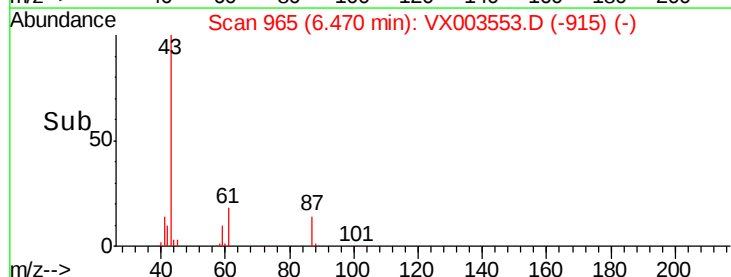
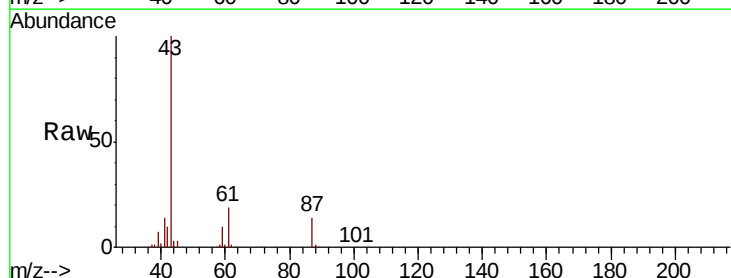
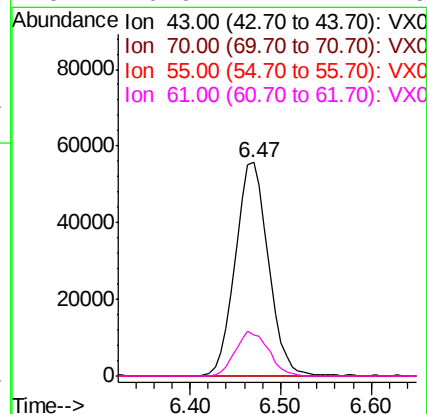
Ion Ratio Lower Upper

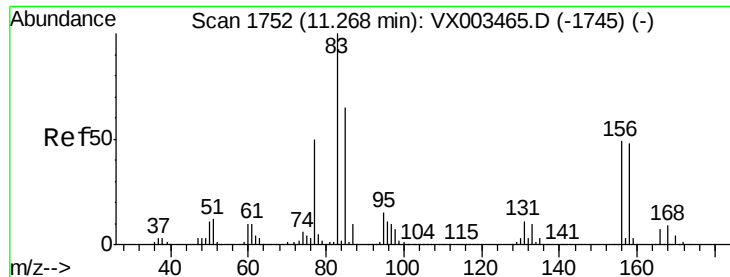
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 20.9 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 22.849 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX003553.D

Acq: 21 Jul 2018 14:28

Instrument :

MSVOA_X

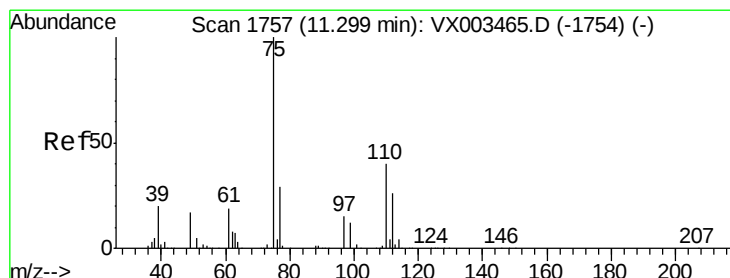
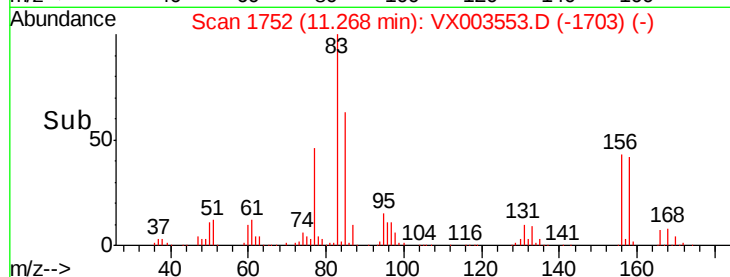
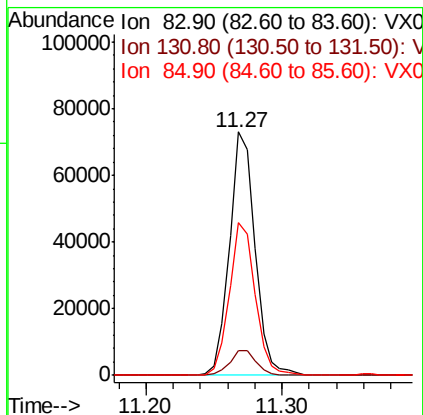
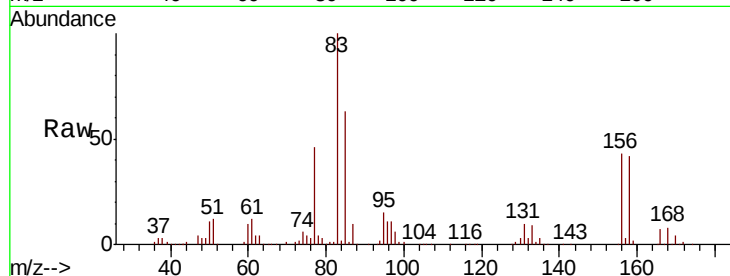
ClientSampleId :

VX0721WBSD01

Tgt Ion:	83	Resp:	95515
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.6	16.8
85	63.9	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 23.479 ug/l m

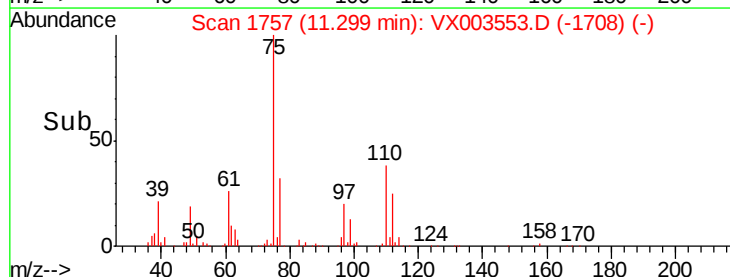
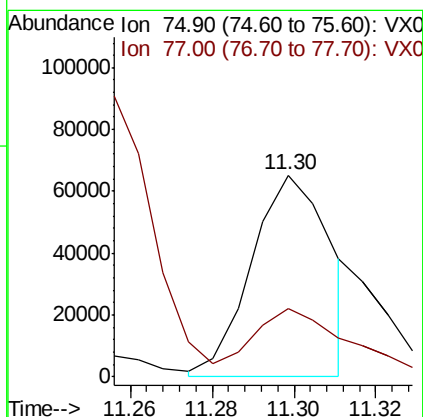
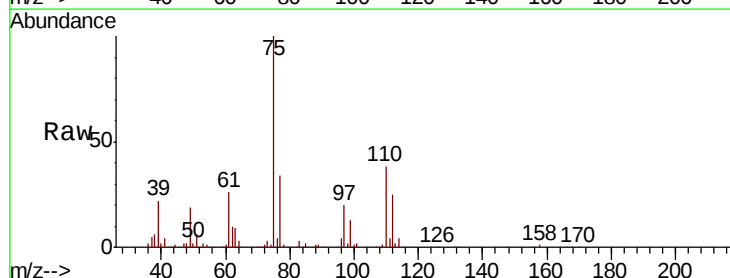
RT: 11.30 min Scan# 1757

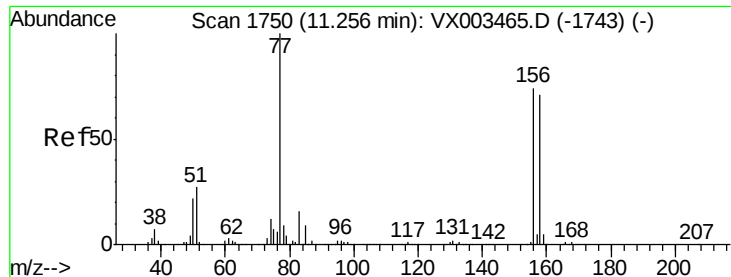
Delta R.T. -0.00 min

Lab File: VX003553.D

Acq: 21 Jul 2018 14:28

Tgt Ion:	75	Resp:	87001
Ion Ratio	Lower	Upper	
75	100		
77	41.1	22.8	68.3





#77

Bromobenzene

Concen: 20.112 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX003553.D

Acq: 21 Jul 2018 14:28

Instrument :

MSVOA_X

ClientSampleId :

VX0721WBSD01

Tgt Ion: 156 Resp: 82519

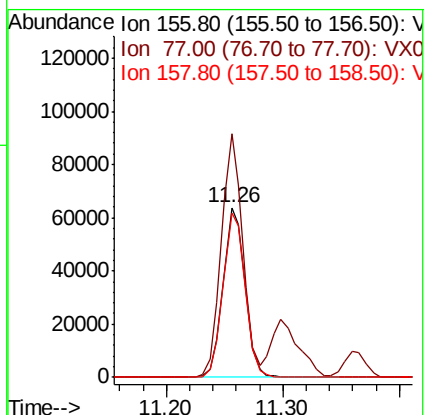
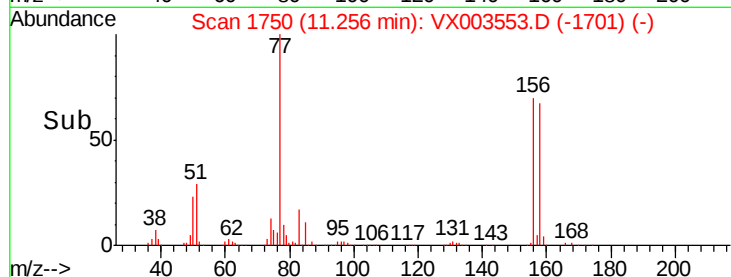
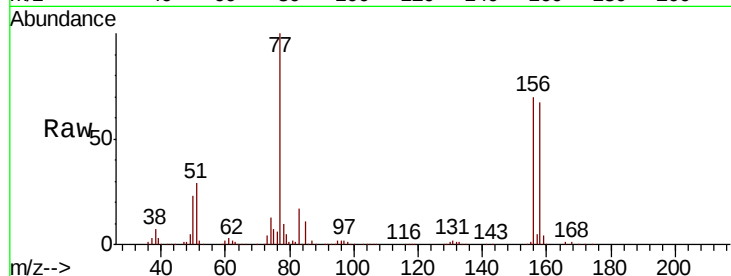
Ion Ratio Lower Upper

156 100

77 139.9 71.4 214.2

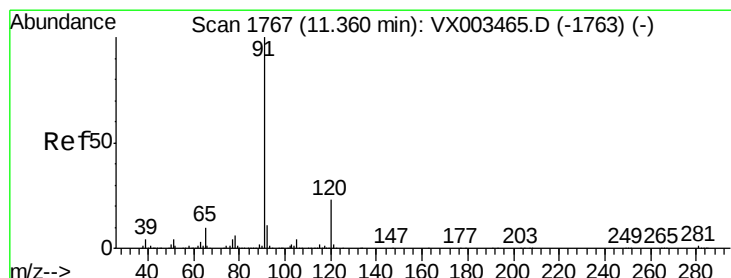
158 98.2 48.9 146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 20.553 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX003553.D

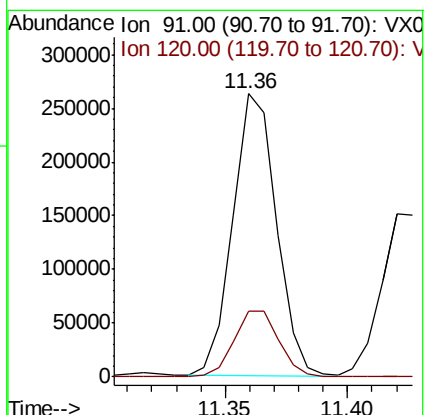
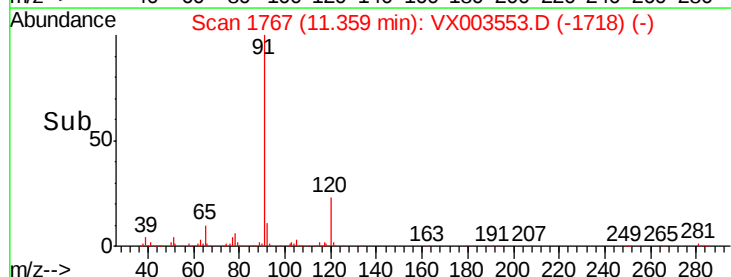
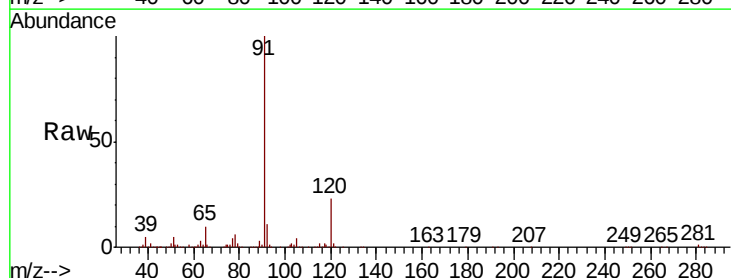
Acq: 21 Jul 2018 14:28

Tgt Ion: 91 Resp: 325914

Ion Ratio Lower Upper

91 100

120 24.2 11.8 35.4





#79

2-Chlorotoluene

Concen: 20.681 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.00 min

Lab File: VX003553.D

Acq: 21 Jul 2018 14:28

Instrument :

MSVOA_X

ClientSampleId :

VX0721WBSD01

Tgt Ion: 91 Resp: 199080

Ion Ratio Lower Upper

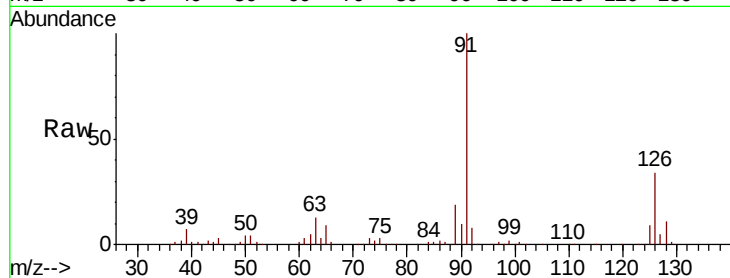
91 100

126 35.9 17.7 53.1

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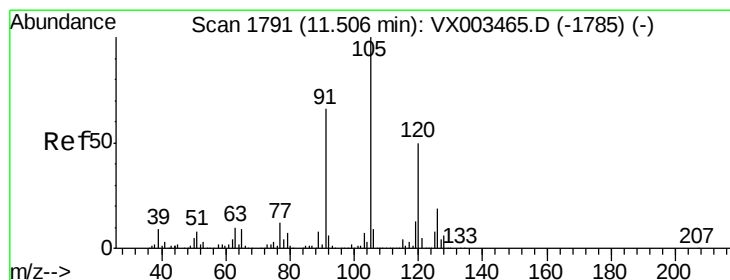
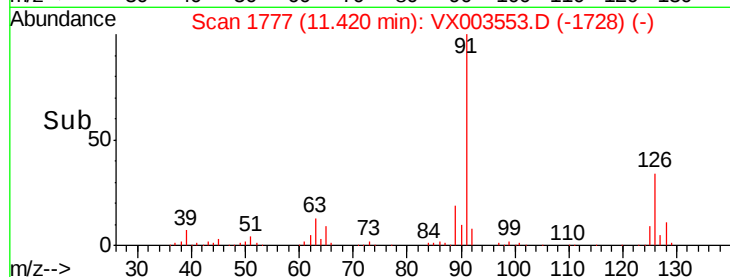
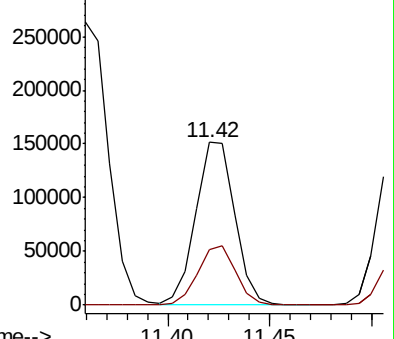
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Abundance Ion 91.00 (90.70 to 91.70): VX003465.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX003465.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.795 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX003553.D

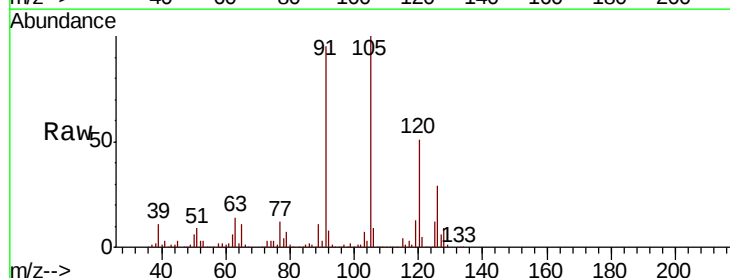
Acq: 21 Jul 2018 14:28

Tgt Ion: 105 Resp: 243798

Ion Ratio Lower Upper

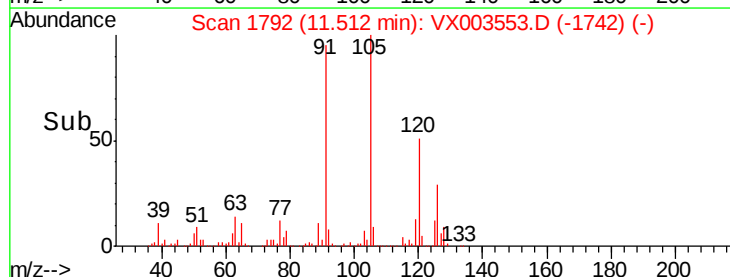
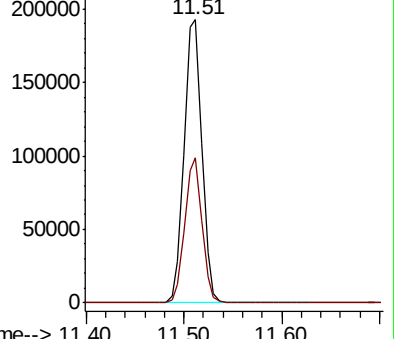
105 100

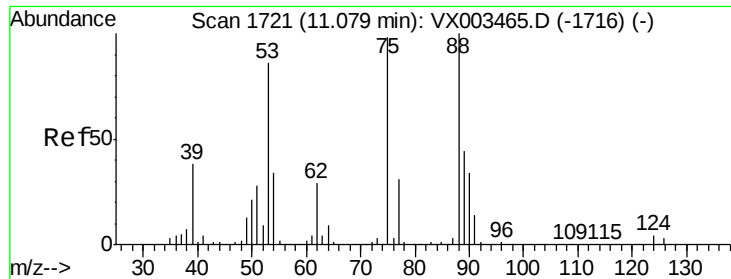
120 49.7 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX003465.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX003465.D (-1785) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.057 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003553.D

Acq: 21 Jul 2018 14:28

Instrument :

MSVOA_X

ClientSampled :

VX0721WBSD01

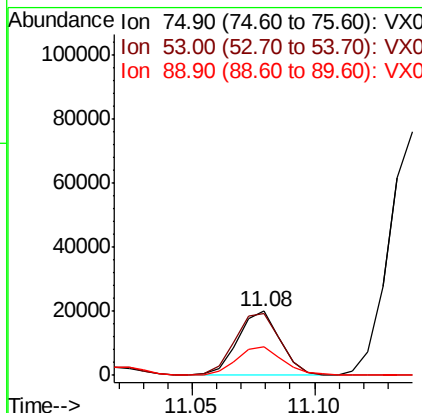
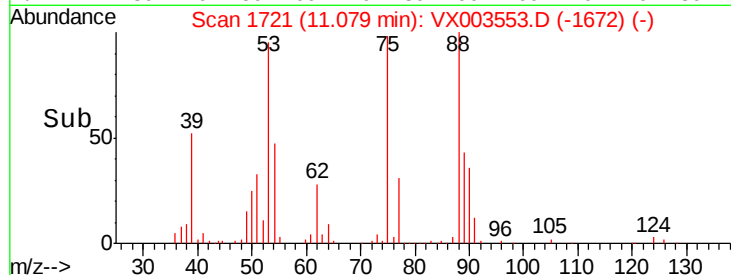
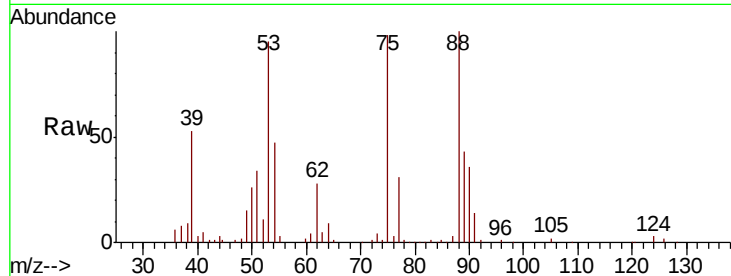
Tgt Ion: 75 Resp: 24227
Ion Ratio Lower Upper

75 100

53 104.0 86.8 130.2

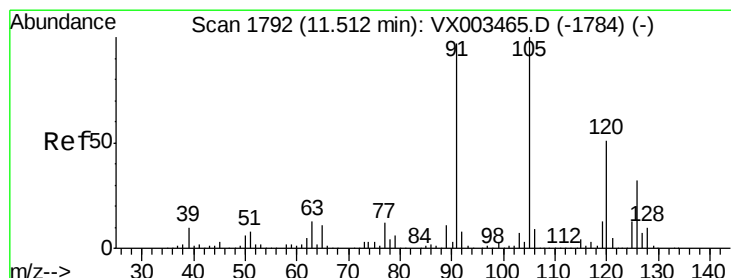
89 48.7 38.2 57.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.546 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

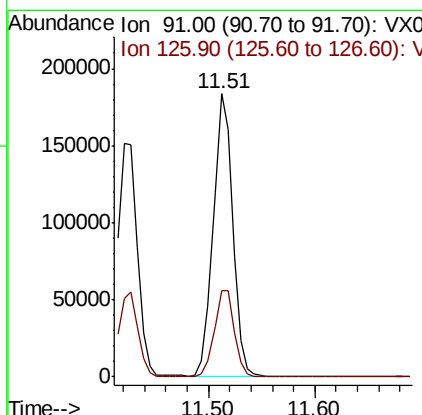
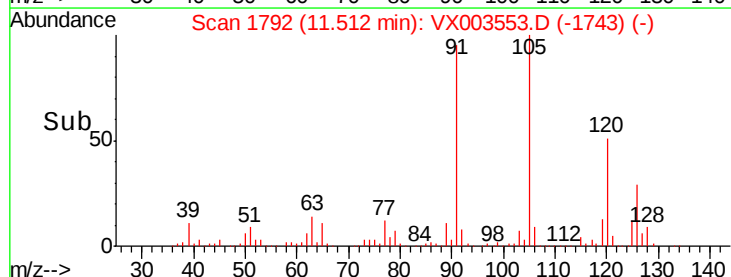
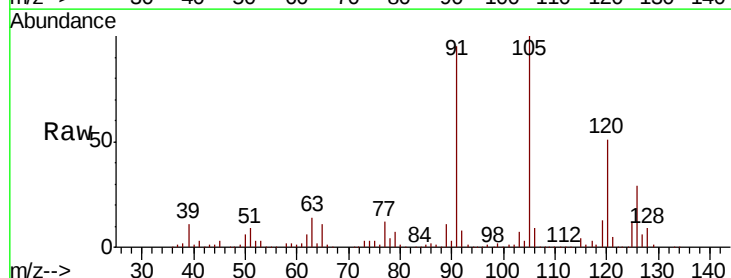
Lab File: VX003553.D

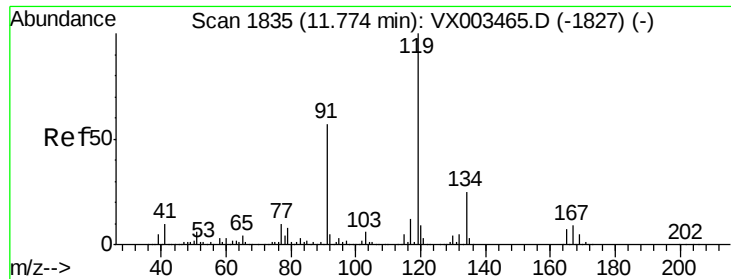
Acq: 21 Jul 2018 14:28

Tgt Ion: 91 Resp: 231755
Ion Ratio Lower Upper

91 100

126 31.5 15.4 46.4





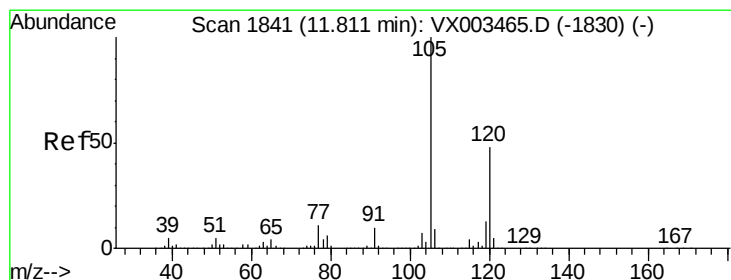
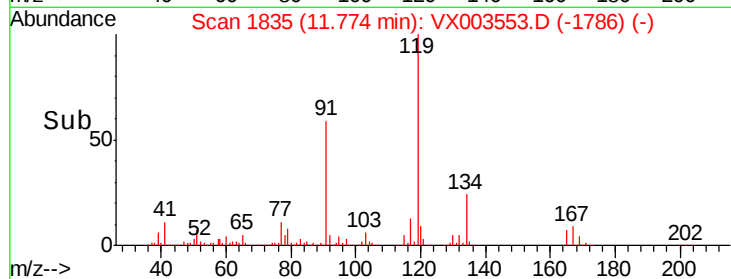
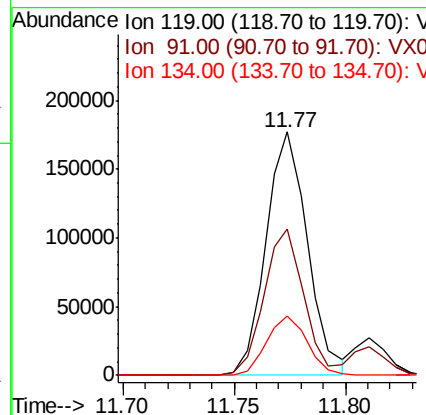
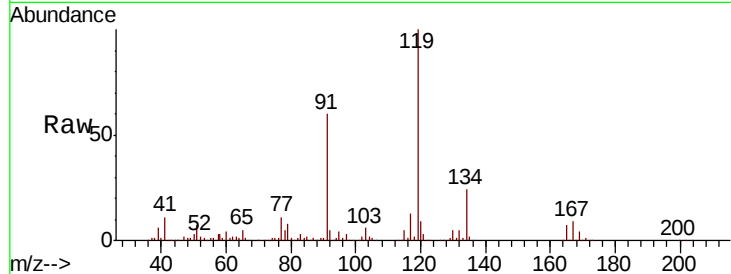
#83
 tert-Butylbenzene
 Concen: 19.982 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003553.D
 Acq: 21 Jul 2018 14:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0721WBSD01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	57.0	30.3	90.9
134	23.8	11.7	35.1

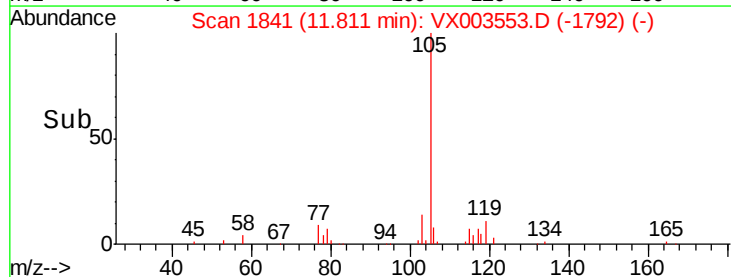
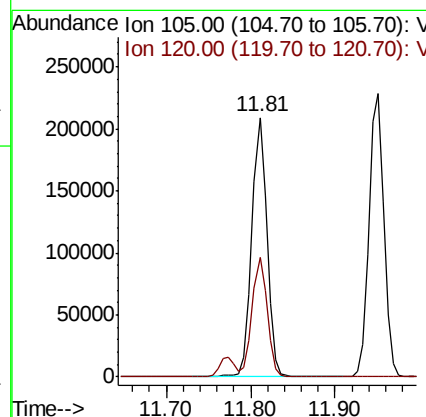
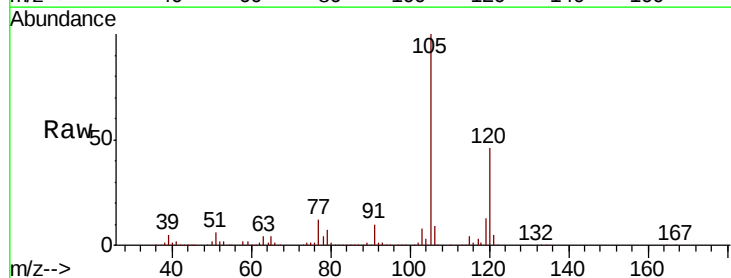
Manual Integrations
 APPROVED

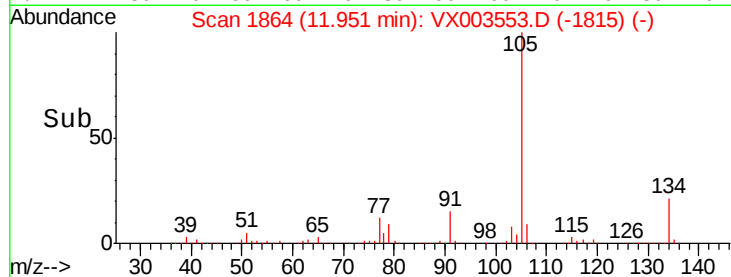
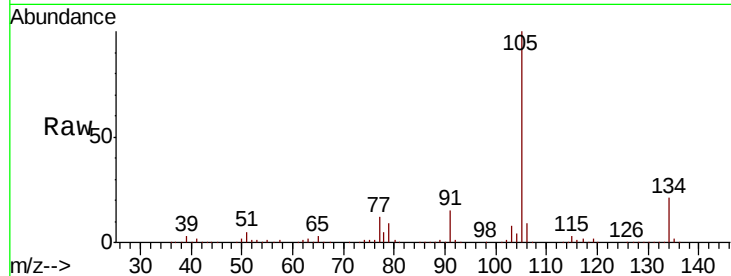
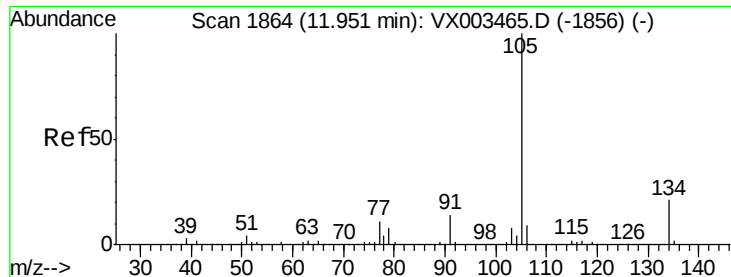
MMDadoda
 7/23/2018 3:19:36 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.874 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003553.D
 Acq: 21 Jul 2018 14:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.3	66.8





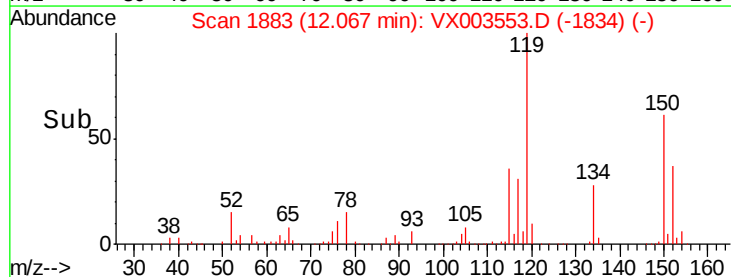
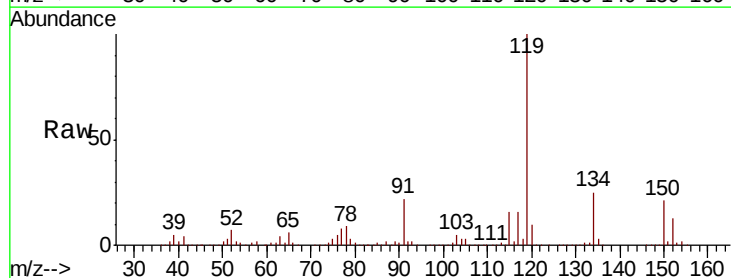
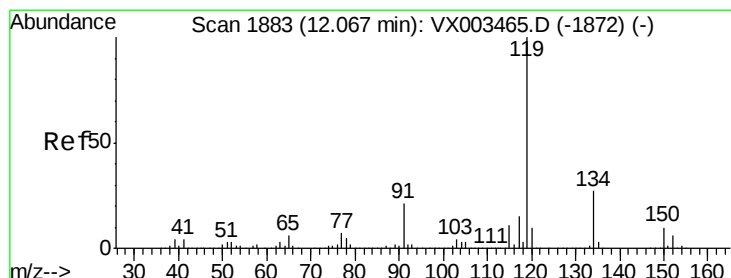
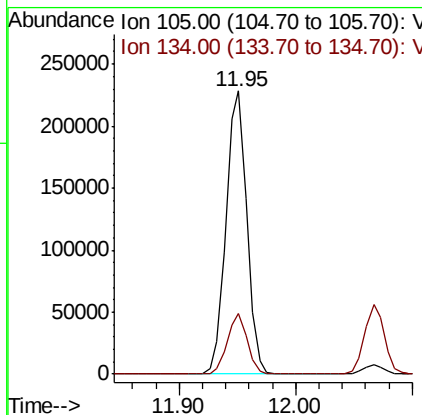
#85
 sec-Butylbenzene
 Concen: 20.183 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003553.D
 Acq: 21 Jul 2018 14:28

Tgt Ion: 105 Resp: 281464
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0721WBSD01

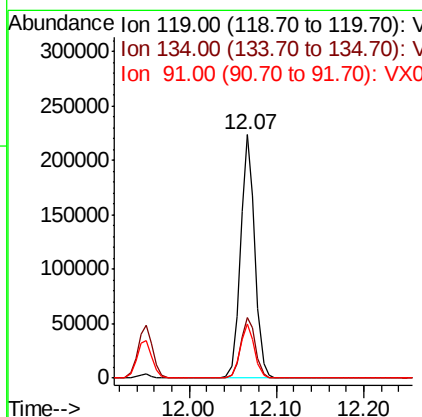
Manual Integrations
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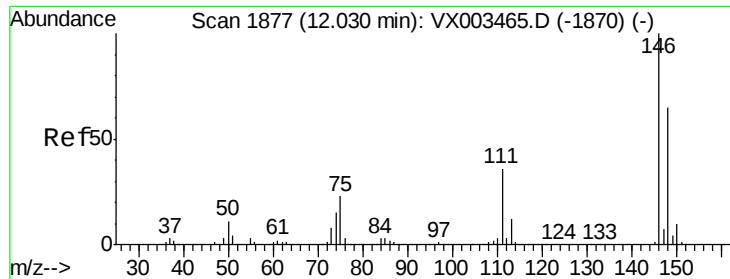
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 7/23/2018 3:19:36 PM



#86
 p-Isopropyltoluene
 Concen: 20.405 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003553.D
 Acq: 21 Jul 2018 14:28

Tgt Ion: 119 Resp: 255367
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.4 40.1
 91 22.5 11.9 35.7





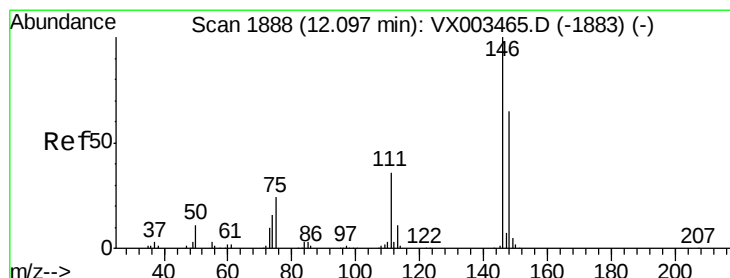
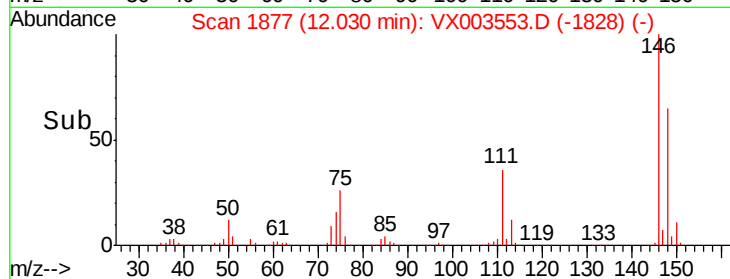
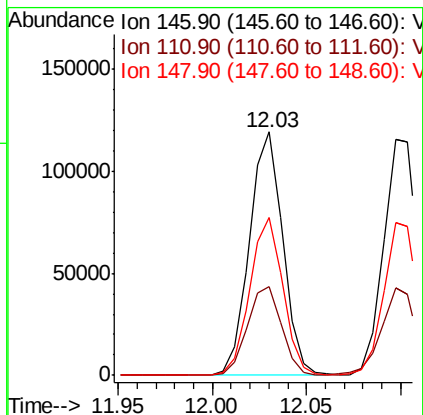
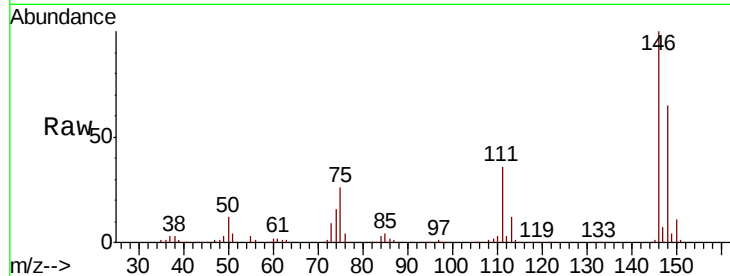
#87
 1,3-Dichlorobenzene
 Concen: 19.475 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003553.D
 Acq: 21 Jul 2018 14:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0721WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.9	56.7
148	64.4	32.1	96.3

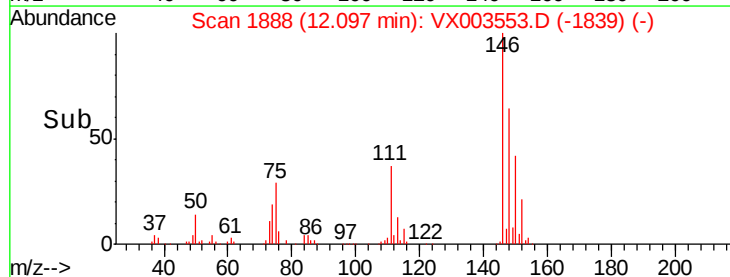
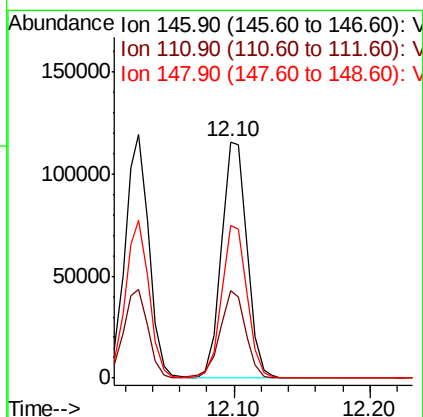
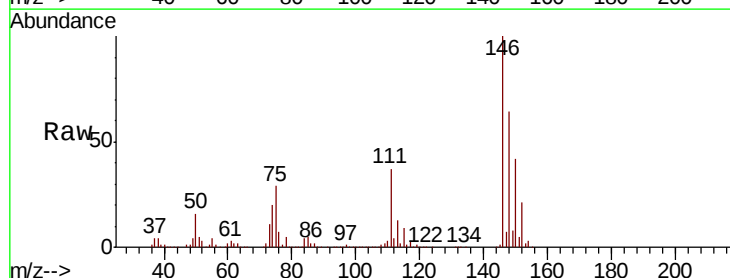
Manual Integrations
 APPROVED

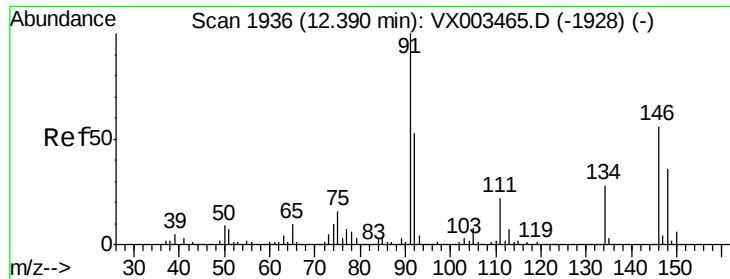
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#88
 1,4-Dichlorobenzene
 Concen: 19.352 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX003553.D
 Acq: 21 Jul 2018 14:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.7	56.1
148	64.2	32.4	97.0





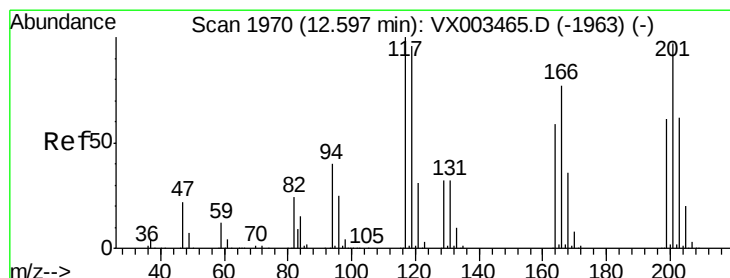
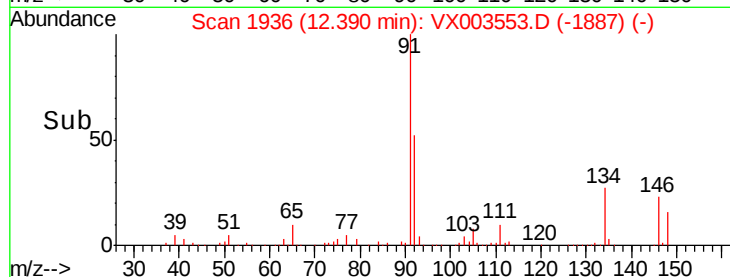
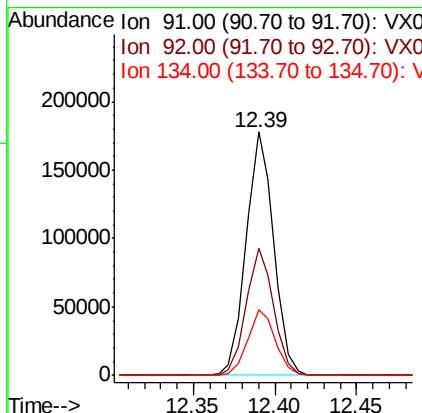
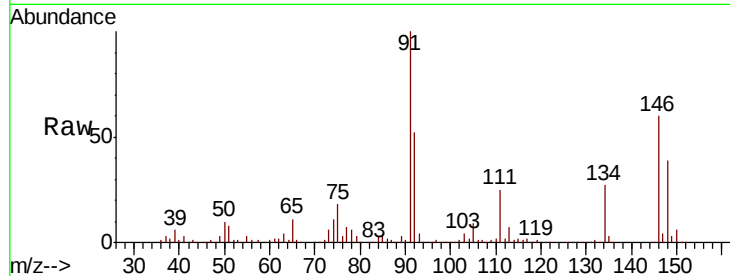
#89
n-Butylbenzene
Concen: 19.730 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

Instrument :
MSVOA_X
ClientSampled :
VX0721WBSD01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.0	78.0
134	27.0	13.5	40.5

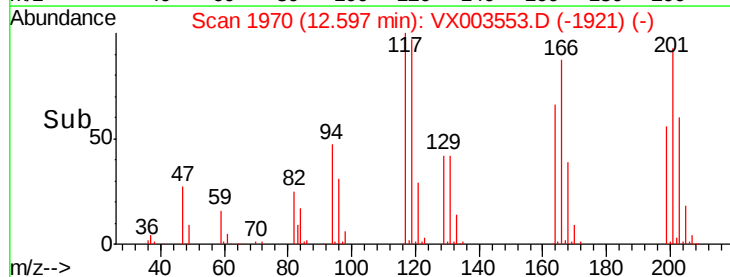
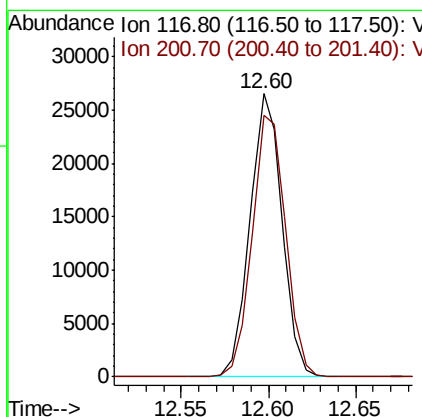
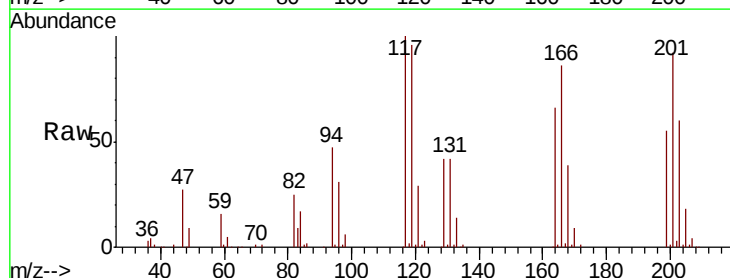
Manual Integrations
APPROVED

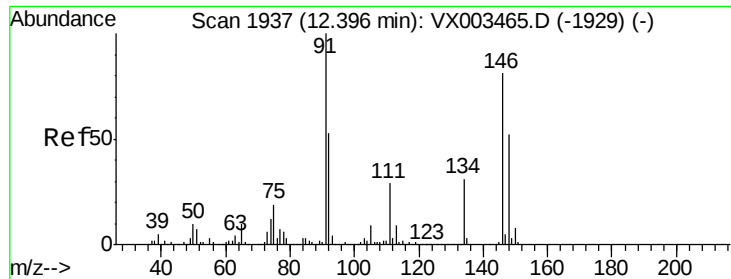
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7/23/2018 3:19:36 PM



#90
Hexachloroethane
Concen: 19.066 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.5	49.0	147.0





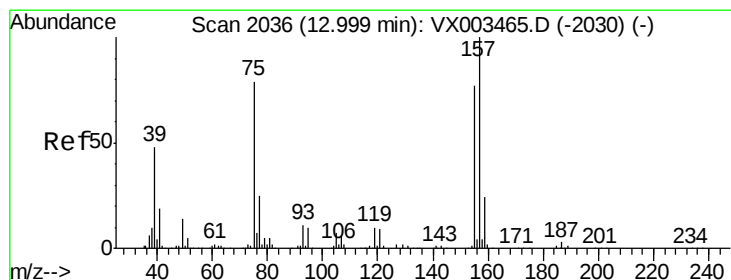
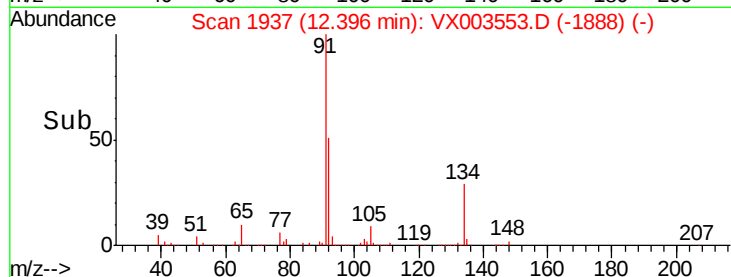
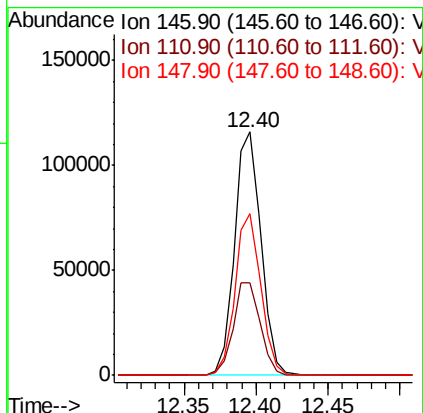
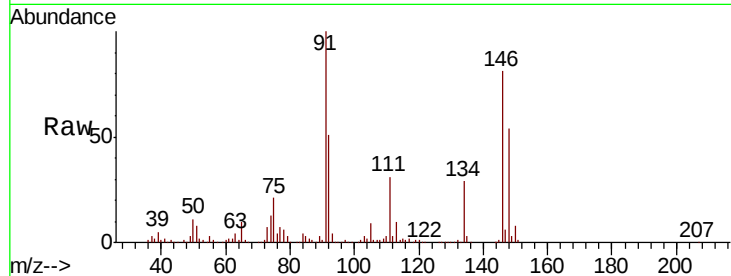
#91
1,2-Dichlorobenzene
Concen: 20.030 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

Instrument :
MSVOA_X
ClientSampleId :
VX0721WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.4	58.1
148	64.8	31.7	95.1

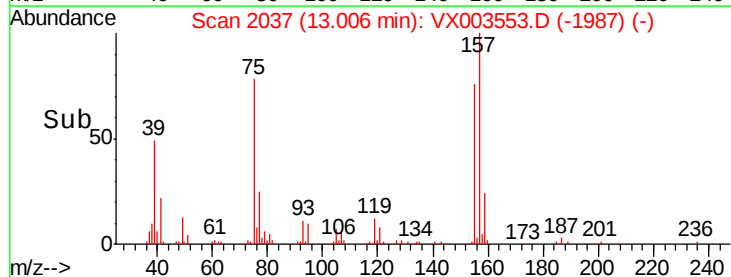
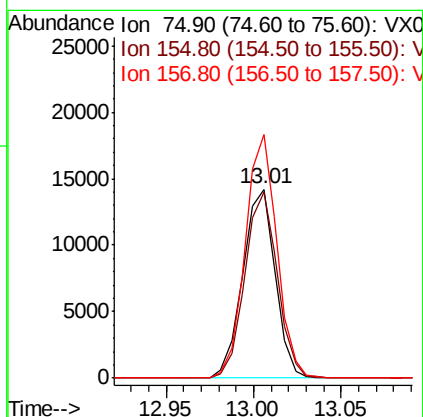
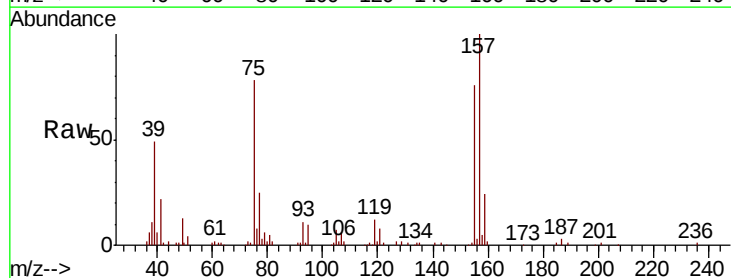
Manual Integrations
APPROVED

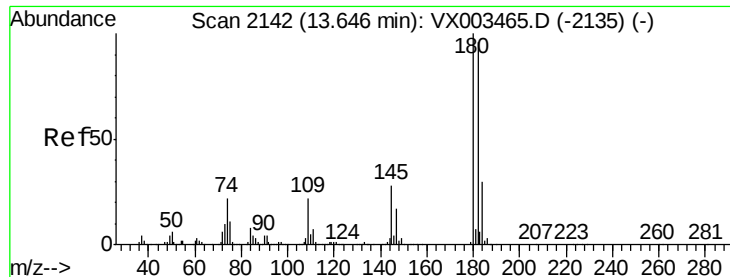
MMDadoda
7/23/2018 3:19:36 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.557 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. 0.01 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.2	45.8	137.4
157	124.9	60.1	180.3





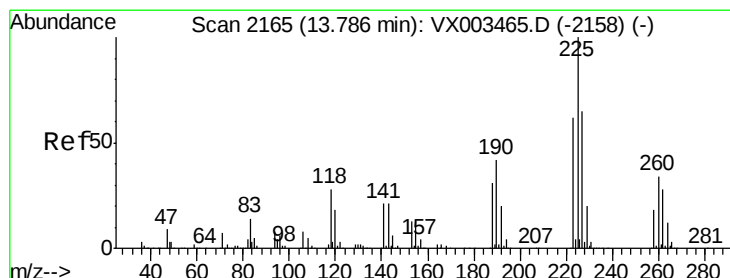
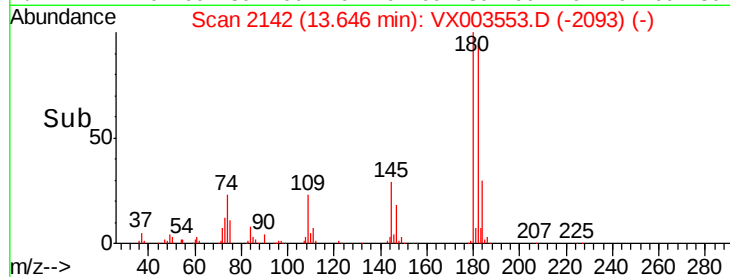
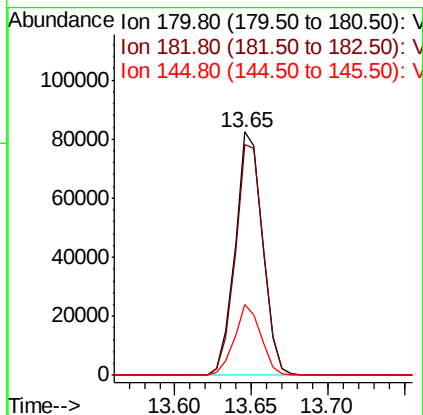
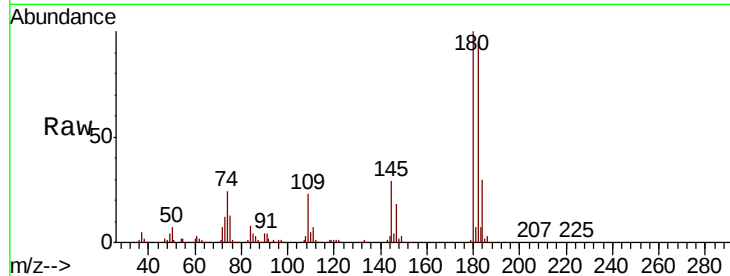
#93
 1,2,4-Trichlorobenzene
 Concen: 18.738 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX003553.D
 Acq: 21 Jul 2018 14:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0721WBSD01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.7	143.1
145	28.0	14.1	42.4

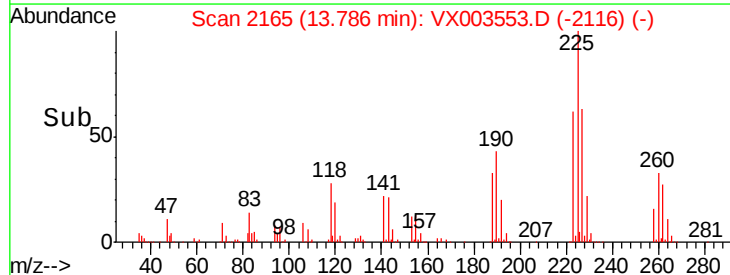
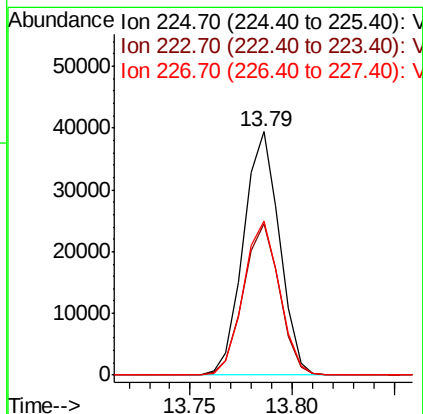
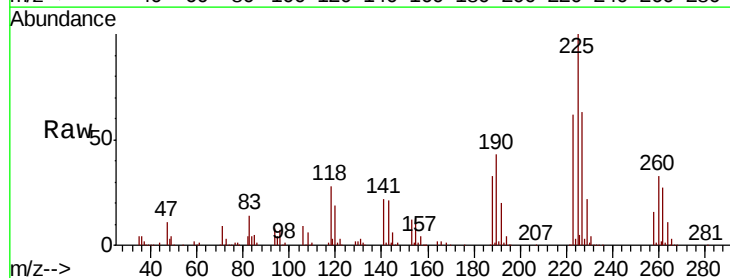
Manual Integrations
 APPROVED

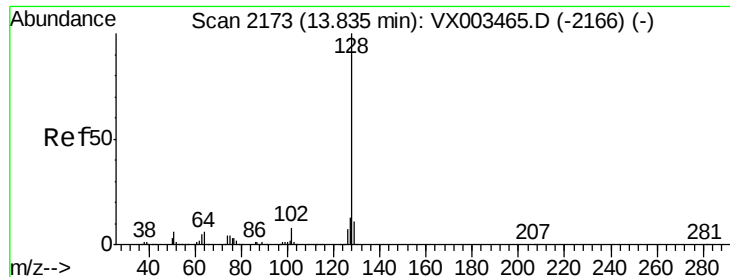
MMDadoda
 7/23/2018 3:19:36 PM



#94
 Hexachlorobutadiene
 Concen: 18.470 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003553.D
 Acq: 21 Jul 2018 14:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.6	95.0
227	63.3	32.4	97.2





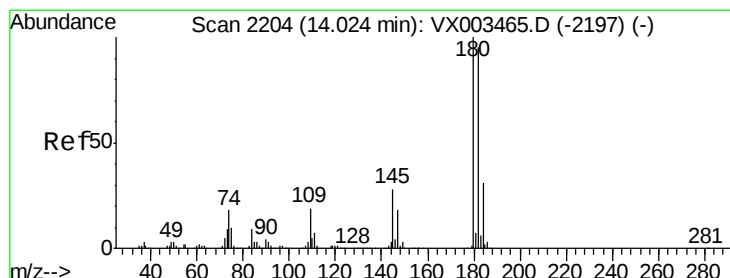
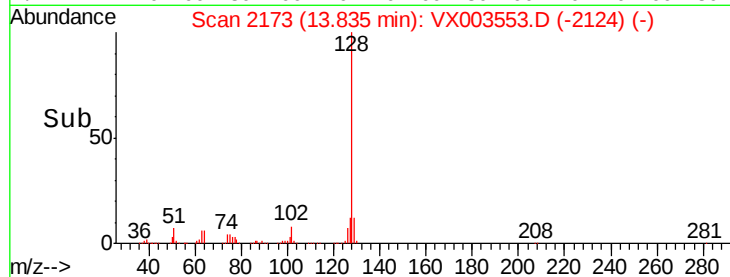
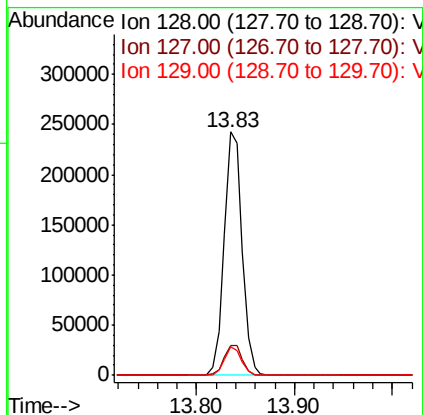
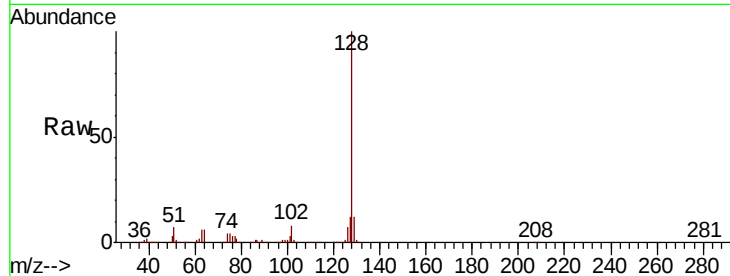
#95
Naphthalene
Concen: 21.471 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

Instrument :
MSVOA_X
ClientSampleId :
VX0721WBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
7/23/2018 3:19:36 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.691 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX003553.D
Acq: 21 Jul 2018 14:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	48.0	144.0
145	29.7	14.8	44.3

