

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072318\
 Data File : VX003595.D
 Acq On : 23 Jul 2018 11:10
 Operator : JC/SP
 Sample : VX0723WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/24/2018 12:37:27 PM

Quant Time: Jul 24 06:53:29 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	266693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	375111	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	359356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	218373	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	169118	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
35) Dibromofluoromethane	5.51	113	148627	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
50) Toluene-d8	8.72	98	562727	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
62) 4-Bromofluorobenzene	11.14	95	204793	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	38849	17.89	ug/l	99
3) Chloromethane	1.32	50	51125	18.75	ug/l	97
4) Vinyl Chloride	1.40	62	55200	16.29	ug/l	98
5) Bromomethane	1.64	94	32240	22.56	ug/l	100
6) Chloroethane	1.72	64	36915	18.41	ug/l	96
7) Trichlorofluoromethane	1.93	101	82678	18.29	ug/l	99
8) Diethyl Ether	2.19	74	37645	19.39	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.38	101	52928	17.89	ug/l	96
10) Methyl Iodide	2.51	142	67257	18.93	ug/l	92
11) Tert butyl alcohol	3.07	59	69472	111.21	ug/l	99
12) 1,1-Dichloroethene	2.37	96	48781	17.91	ug/l	85
13) Acrolein	2.29	56	21946	77.75	ug/l	97
14) Allyl chloride	2.73	41	90104	18.69	ug/l	85
15) Acrylonitrile	3.15	53	163649	102.90	ug/l	98
16) Acetone	2.45	43	131661	110.41	ug/l #	87
17) Carbon Disulfide	2.57	76	122664	16.65	ug/l	98
18) Methyl Acetate	2.78	43	80613	21.44	ug/l #	90
19) Methyl tert-butyl Ether	3.21	73	181587	20.42	ug/l	100
20) Methylene Chloride	2.86	84	61139	20.46	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	54744	18.06	ug/l	90
22) Diisopropyl ether	3.87	45	178364	19.66	ug/l	97
23) Vinyl Acetate	3.83	43	729962	97.67	ug/l	97
24) 1,1-Dichloroethane	3.70	63	100676	18.91	ug/l	98
25) 2-Butanone	4.71	43	213680	106.80	ug/l #	90
26) 2,2-Dichloropropane	4.59	77	75336	18.63	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	64130	19.00	ug/l	84
28) Bromochloromethane	5.02	49	47634	20.47	ug/l	85
29) Tetrahydrofuran	5.17	42	137604	104.12	ug/l	89
30) Chloroform	5.21	83	105311	20.26	ug/l	99
31) Cyclohexane	5.57	56	82962	17.44	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	88267	19.83	ug/l	96
36) 1,1-Dichloropropene	5.80	75	73981	18.27	ug/l	96
37) Ethyl Acetate	4.87	43	78952	20.60	ug/l #	94
38) Carbon Tetrachloride	5.78	117	78040	19.64	ug/l	99

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 Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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Manual Integrations
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MMDadoda
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Quant Time: Jul 24 06:53:29 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	86687	18.07	ug/l	95
40) Benzene	6.15	78	245121	20.05	ug/l	98
41) Methacrylonitrile	5.07	41	45470	20.19	ug/l #	90
42) 1,2-Dichloroethane	6.20	62	82777	21.49	ug/l	94
43) Isopropyl Acetate	6.47	43	131869	21.63	ug/l	93
44) Trichloroethene	7.21	130	71740	19.67	ug/l	99
45) 1,2-Dichloropropane	7.52	63	66348	21.37	ug/l	97
46) Dibromomethane	7.67	93	43063	21.54	ug/l	95
47) Bromodichloromethane	7.90	83	79664	21.77	ug/l	99
48) Methyl methacrylate	7.78	41	67981	22.11	ug/l	86
49) 1,4-Dioxane	7.76	88	32218	462.52	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	441907	114.74	ug/l	91
52) Toluene	8.79	92	156940	20.39	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	95838	21.28	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	85956	21.22	ug/l	91
55) 1,1,2-Trichloroethane	9.22	97	67137	21.92	ug/l	98
56) Ethyl methacrylate	9.18	69	90790	21.05	ug/l #	86
57) 1,3-Dichloropropane	9.37	76	108493	21.91	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	222619	106.13	ug/l	98
59) 2-Hexanone	9.50	43	333194	116.77	ug/l	90
60) Dibromochloromethane	9.59	129	65569	21.63	ug/l	99
61) 1,2-Dibromoethane	9.68	107	68880	21.69	ug/l	99
64) Tetrachloroethene	9.34	164	82134	18.76	ug/l	98
65) Chlorobenzene	10.14	112	181299	19.58	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	65327	20.51	ug/l	99
67) Ethyl Benzene	10.26	91	287934	19.34	ug/l	100
68) m/p-Xylenes	10.36	106	227458	38.97	ug/l	97
69) o-Xylene	10.70	106	109248	19.36	ug/l	96
70) Styrene	10.71	104	184572	19.88	ug/l	97
71) Bromoform	10.86	173	50737	20.50	ug/l #	99
73) Isopropylbenzene	11.02	105	294088	19.47	ug/l	99
74) N-amyl acetate	6.47	43	131869	20.56	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	94893	21.44	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	86219m	21.98	ug/l	
77) Bromobenzene	11.26	156	85161	19.61	ug/l	96
78) n-propylbenzene	11.37	91	327813	19.53	ug/l	99
79) 2-Chlorotoluene	11.42	91	200484	19.67	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	244715	19.72	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	24940	19.57	ug/l	93
82) 4-Chlorotoluene	11.51	91	234734	19.66	ug/l	98
83) tert-Butylbenzene	11.77	119	233940	19.25	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	252494	19.99	ug/l	98
85) sec-Butylbenzene	11.95	105	281338	19.06	ug/l	99
86) p-Isopropyltoluene	12.07	119	255606	19.29	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	151826	19.01	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	153698	18.69	ug/l	99
89) n-Butylbenzene	12.39	91	207843	18.47	ug/l	99
90) Hexachloroethane	12.60	117	35653	18.93	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	154132	19.59	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17857	20.73	ug/l	88

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

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD01

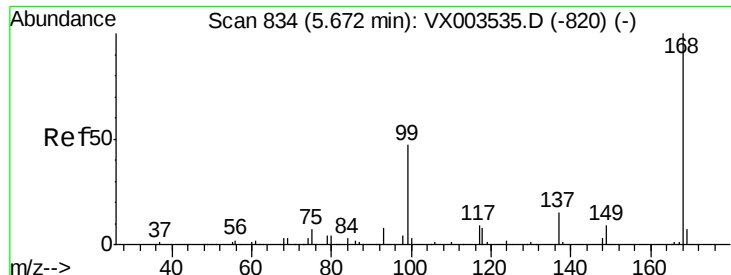
Manual Integrations
APPROVED

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7/24/2018 12:37:27 PM

Quant Time: Jul 24 06:53:29 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	103628	17.97	ug/l	100
94) Hexachlorobutadiene	13.79	225	48199	17.38	ug/l	99
95) Naphthalene	13.83	128	302780	19.98	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	107838	18.89	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD01

Tot Ion:168 Resp: 266693

Ion Ratio Lower Upper

168 100

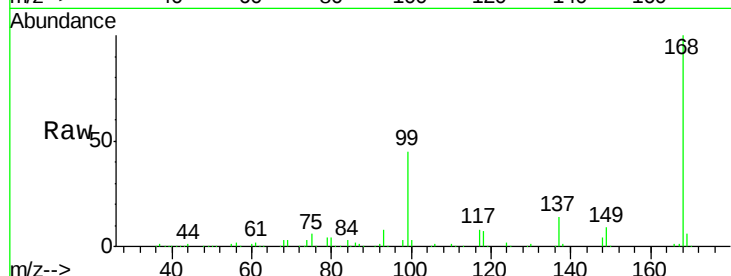
99 44.9 39.3 58.9

Manual Integrations

APPROVED

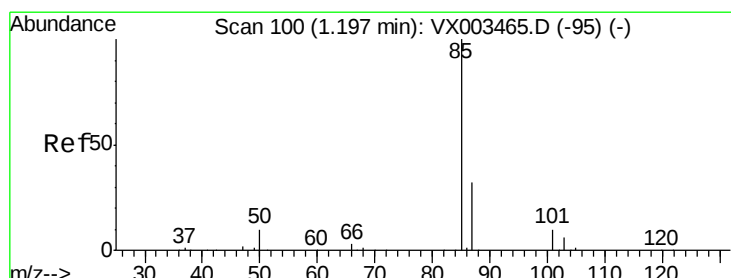
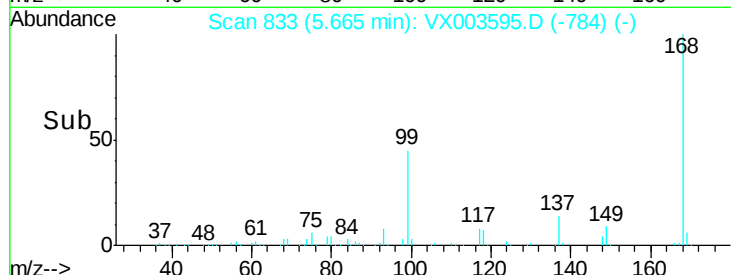
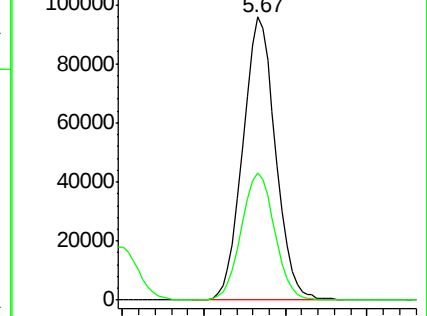
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.89 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003595.D

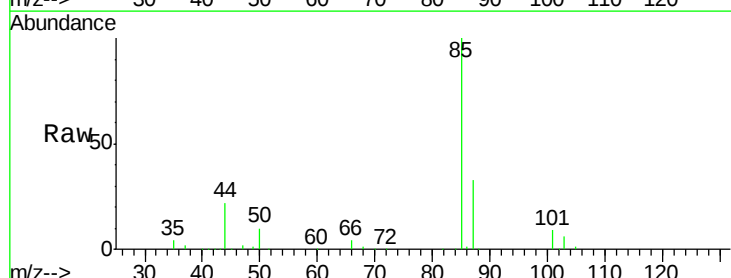
Acq: 23 Jul 2018 11:10

Tgt Ion: 85 Resp: 38849

Ion Ratio Lower Upper

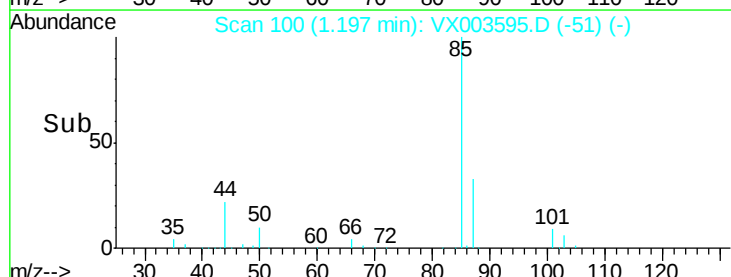
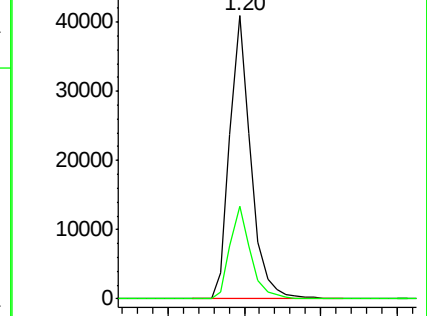
85 100

87 32.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.75 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD01

Tot Ion: 50 Resp: 51125

Ion Ratio Lower Upper

50 100

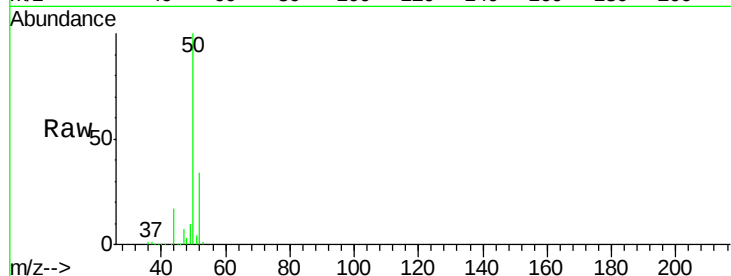
52 33.6 25.7 38.5

Manual Integrations

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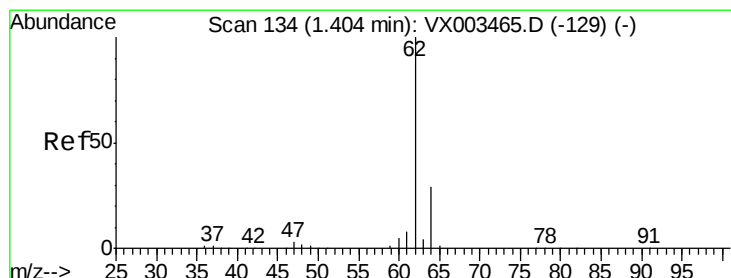
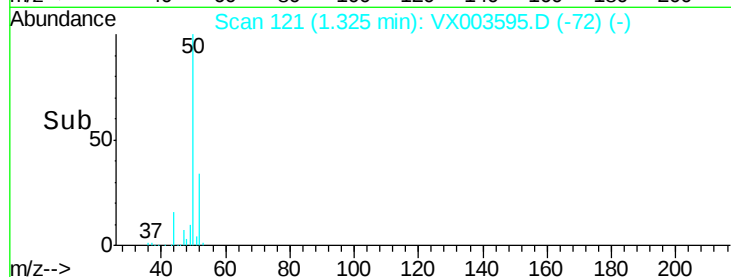
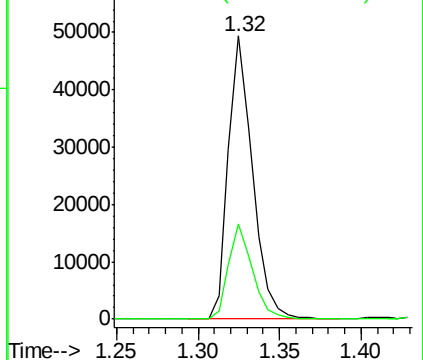
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.29 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003595.D

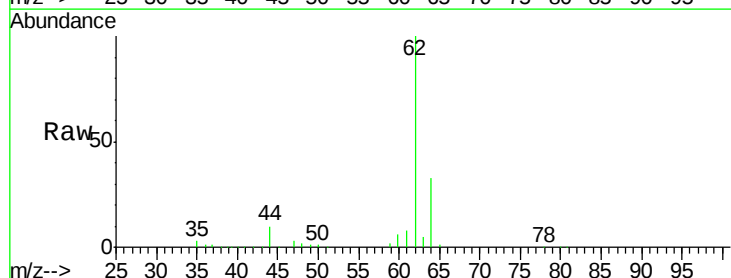
Acq: 23 Jul 2018 11:10

Tgt Ion: 62 Resp: 55200

Ion Ratio Lower Upper

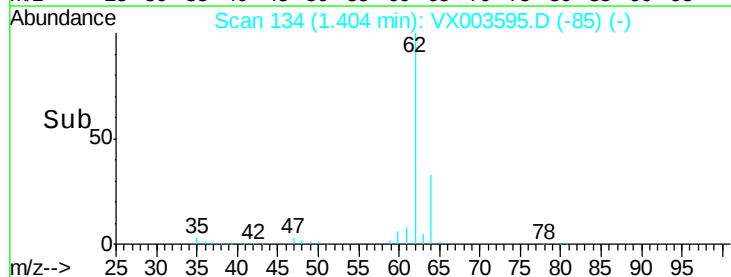
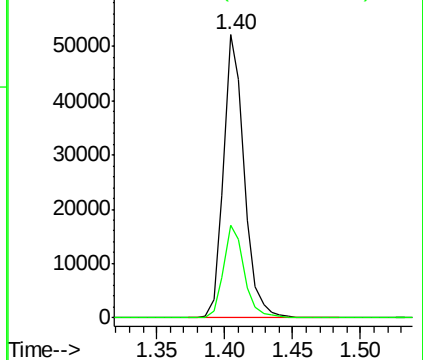
62 100

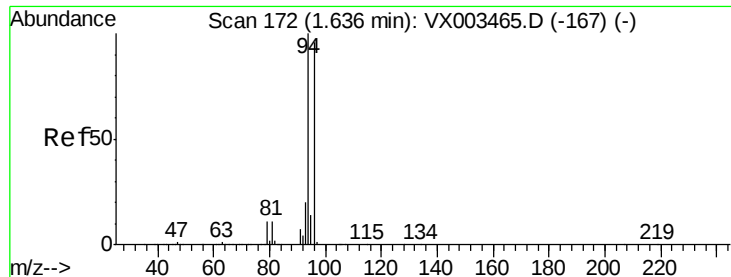
64 32.9 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.56 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

Instrument :

MSVOA_X

ClientSampled :

VX0723WBSD01

Tot Ion: 94 Resp: 32240

Ion Ratio Lower Upper

94 100

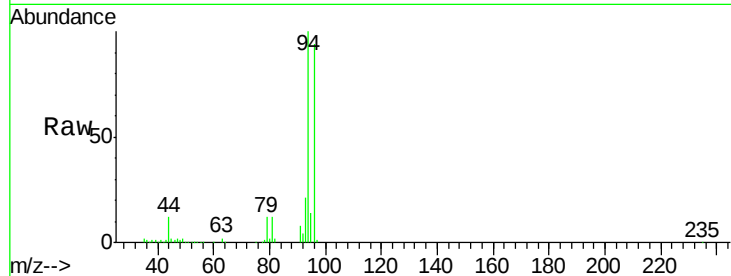
96 94.0 74.9 112.3

Manual Integrations

APPROVED

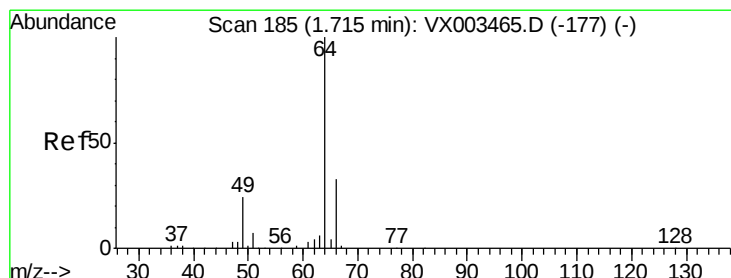
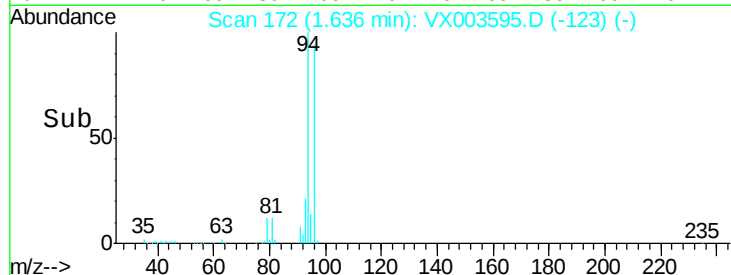
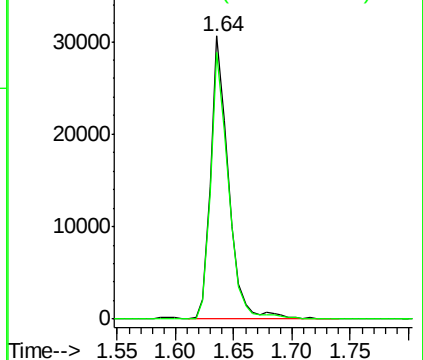
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.41 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003595.D

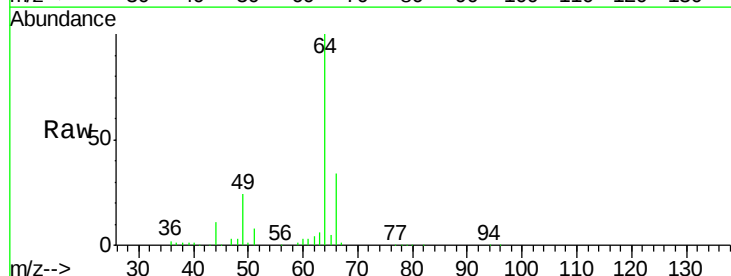
Acq: 23 Jul 2018 11:10

Tgt Ion: 64 Resp: 36915

Ion Ratio Lower Upper

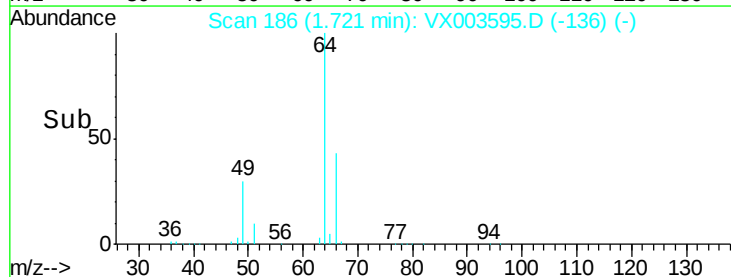
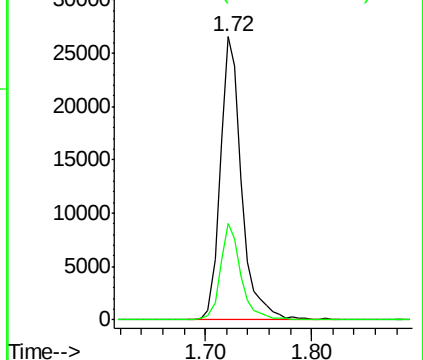
64 100

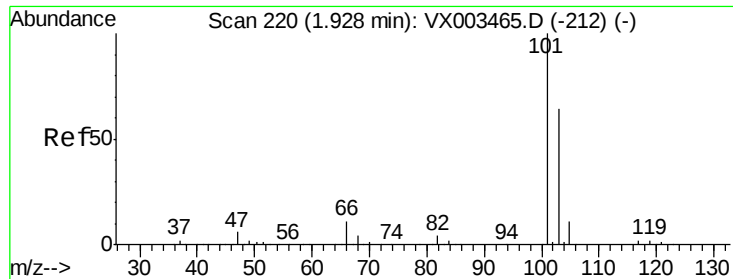
66 33.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 18.29 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD01

Tot Ion:101 Resp: 82678

Ion Ratio Lower Upper

101 100

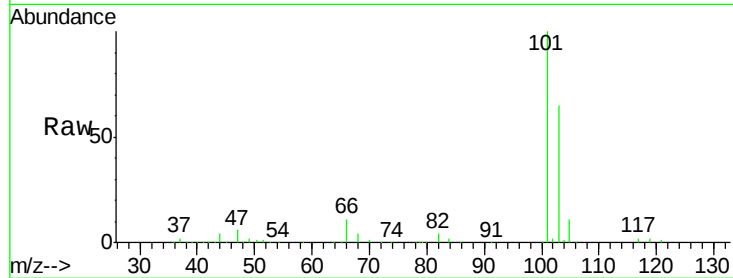
103 65.5 52.8 79.2

Manual Integrations

APPROVED

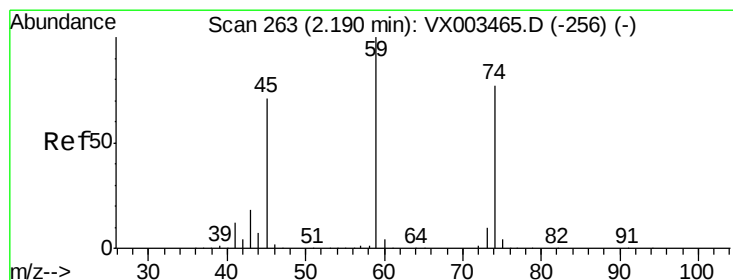
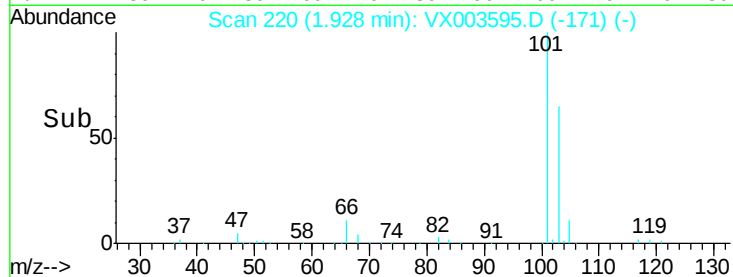
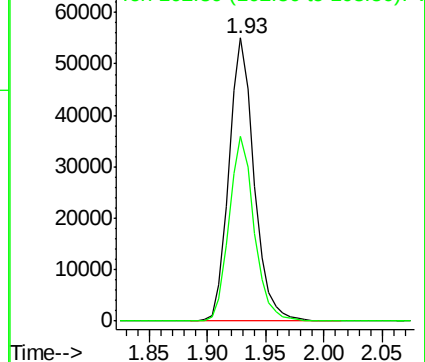
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 19.39 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX003595.D

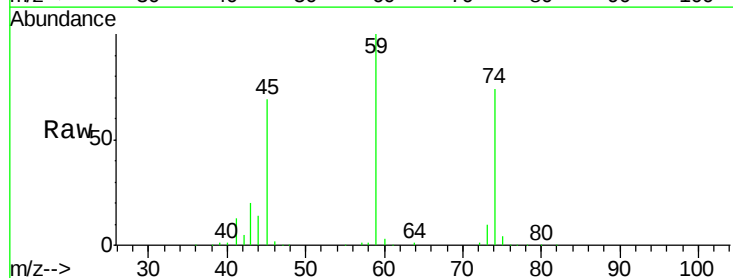
Acq: 23 Jul 2018 11:10

Tgt Ion: 74 Resp: 37645

Ion Ratio Lower Upper

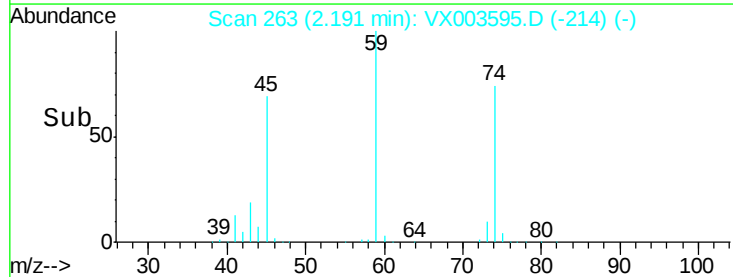
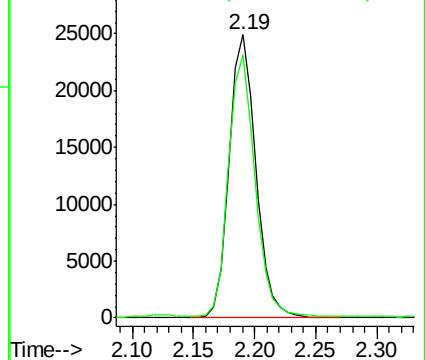
74 100

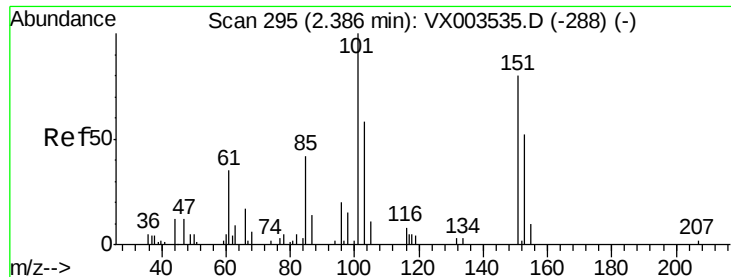
45 92.0 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.89 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

Instrument :

MSVOA_X

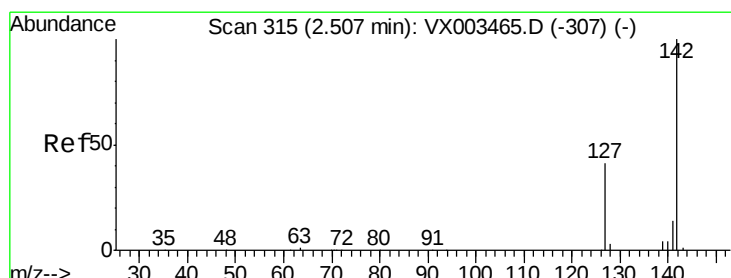
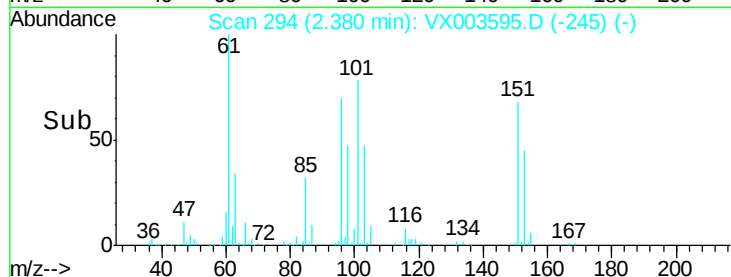
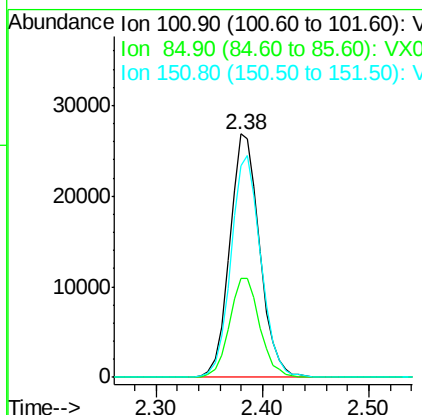
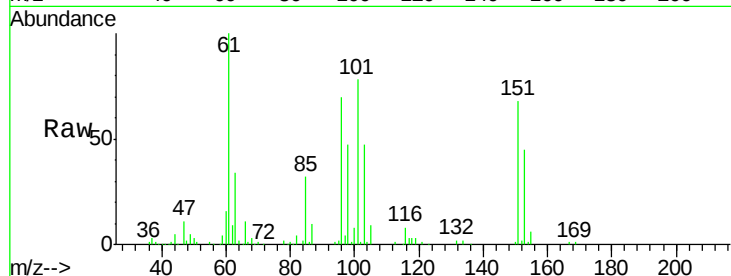
ClientSampleId :

VX0723WBSD01

Tot Ion:	101	Resp:	52928
Ion Ratio	Lower	Upper	
101	100		
85	41.3	36.0	54.0
151	91.1	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 18.93 ug/l

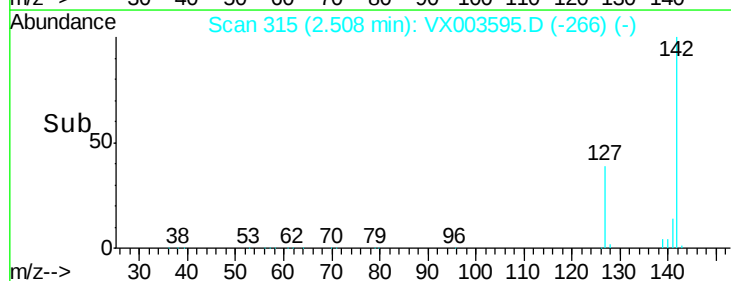
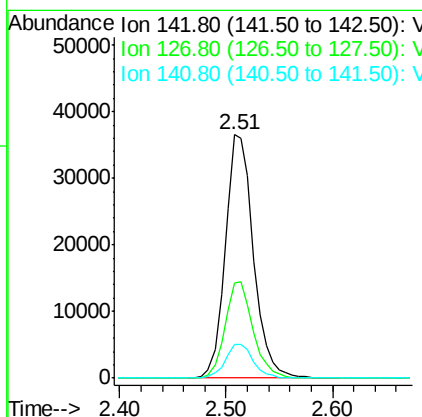
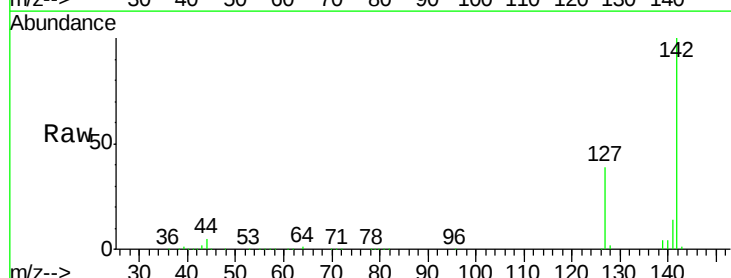
RT: 2.51 min Scan# 315

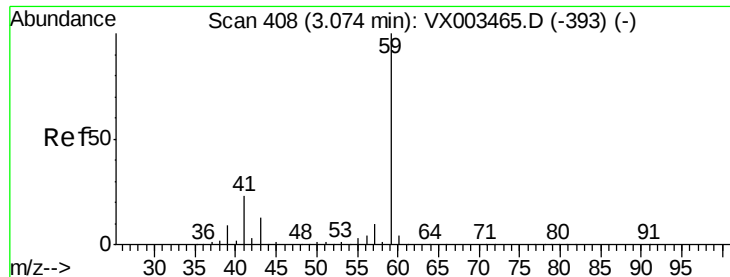
Delta R.T. 0.00 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

Tgt Ion:	142	Resp:	67257
Ion Ratio	Lower	Upper	
142	100		
127	39.4	36.6	55.0
141	14.0	11.3	16.9





#11

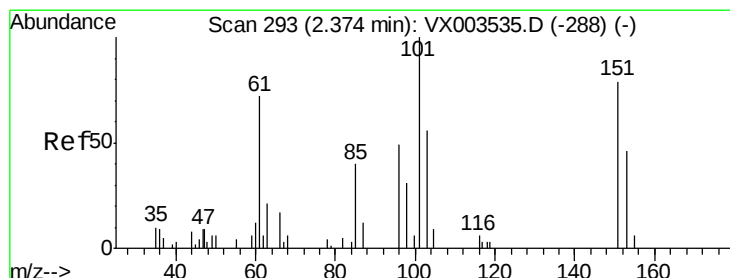
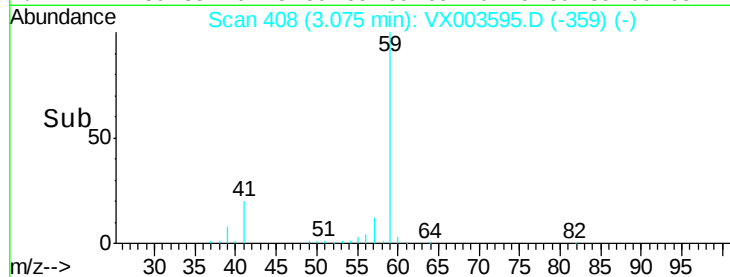
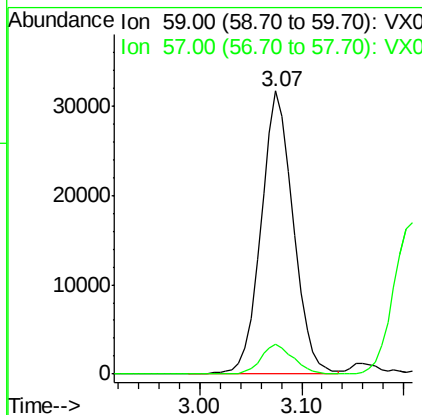
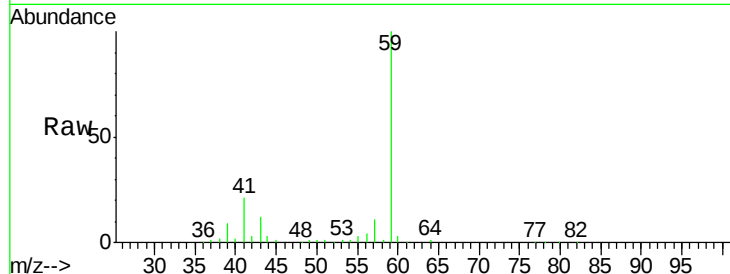
Tert butyl alcohol
 Concen: 111.21 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. 0.00 min
 Lab File: VX003595.D
 Acq: 23 Jul 2018 11:10

Instrument :
 MSVOA_X
 ClientSampled :
 VX0723WBSD01

Tot Ion: 59 Resp: 69472
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.2

Manual Integrations
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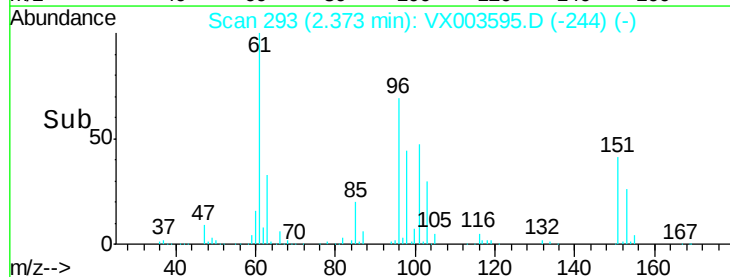
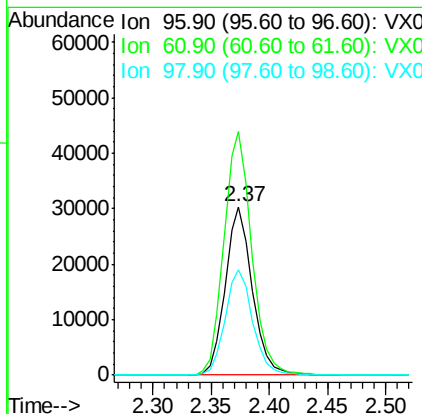
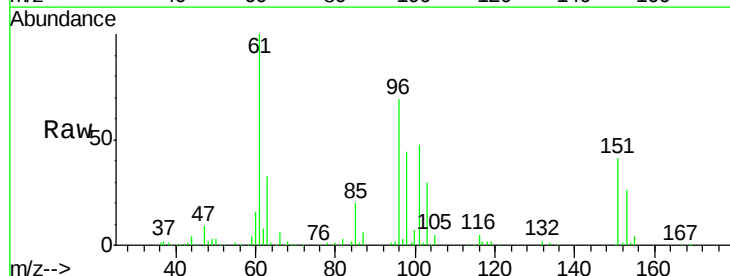
MMDadoda
 7/24/2018 12:37:27 PM

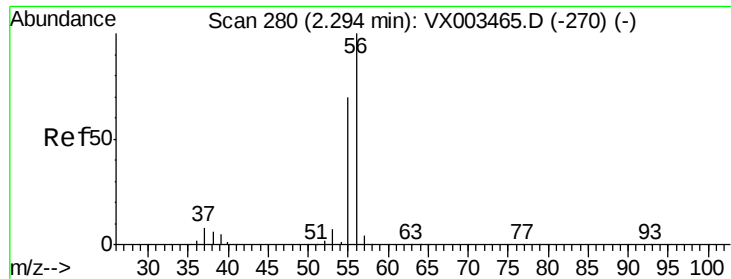


#12

1,1-Dichloroethene
 Concen: 17.91 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX003595.D
 Acq: 23 Jul 2018 11:10

Tgt Ion: 96 Resp: 48781
 Ion Ratio Lower Upper
 96 100
 61 144.5 137.9 206.9
 98 62.9 51.6 77.4





#13

Acrolein

Concen: 77.75 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD01

Tot Ion: 56 Resp: 21946

Ion Ratio Lower Upper

56 100

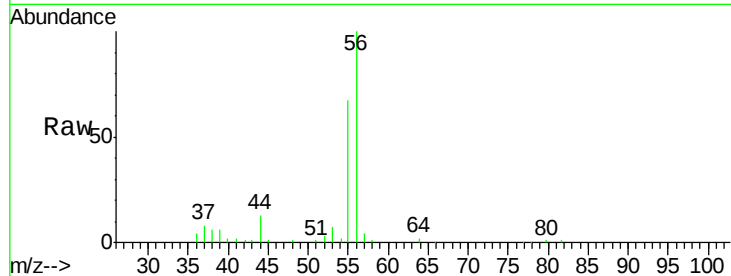
55 68.4 57.0 85.4

Manual Integrations

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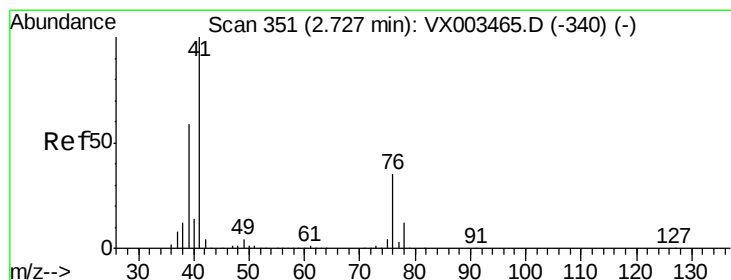
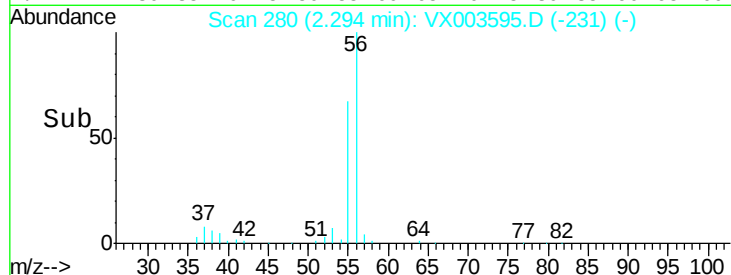
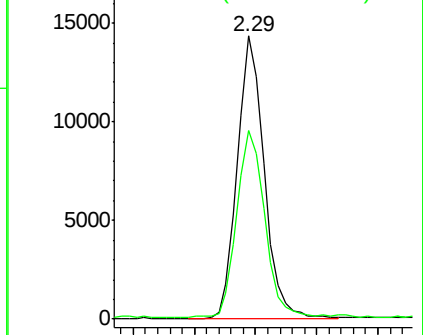
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.69 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

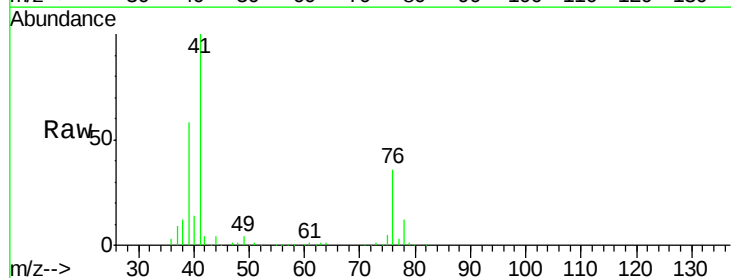
Tgt Ion: 41 Resp: 90104

Ion Ratio Lower Upper

41 100

39 57.1 56.8 85.2

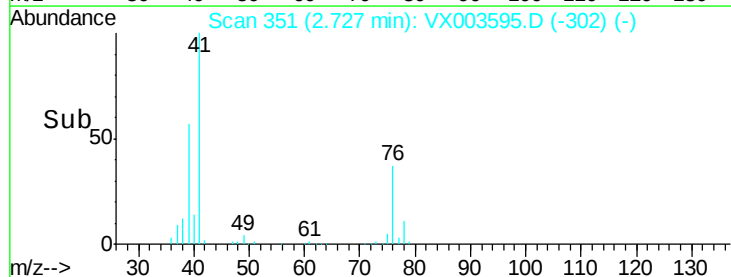
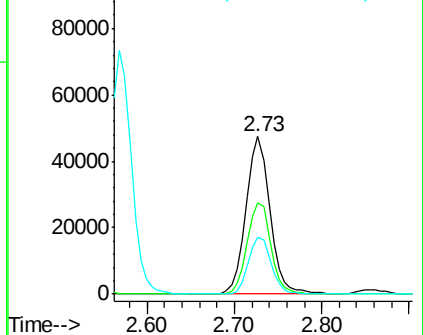
76 34.8 23.8 35.8

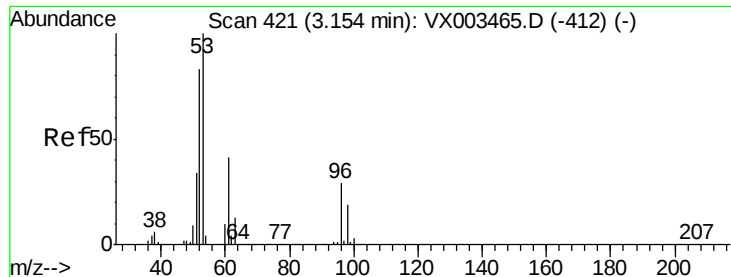


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 102.90 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

Instrument :

MSVOA_X

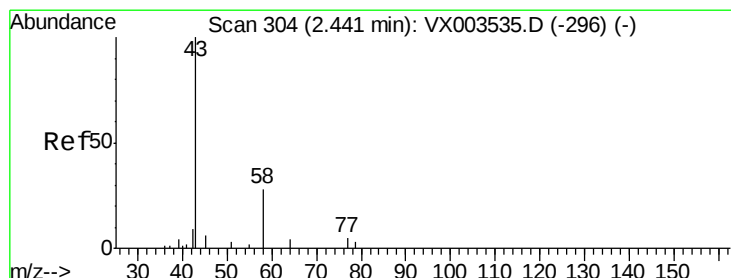
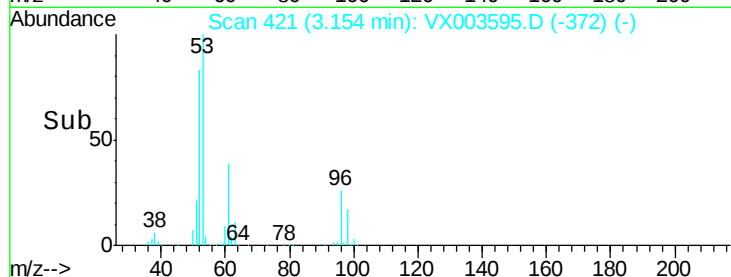
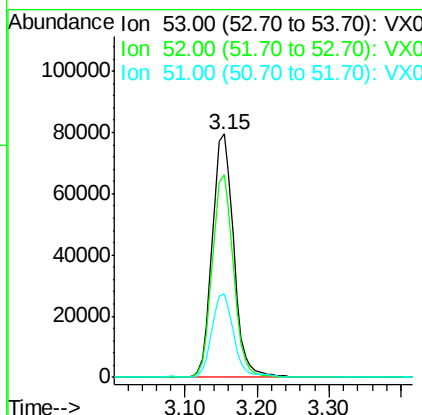
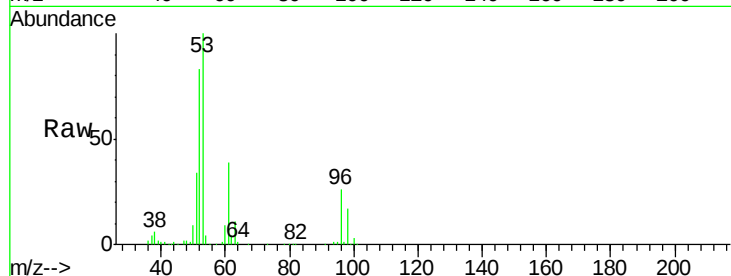
ClientSampleId :

VX0723WBSD01

Tot Ion:	53	Resp:	163649
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.7	100.1
51	35.0	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 110.41 ug/l

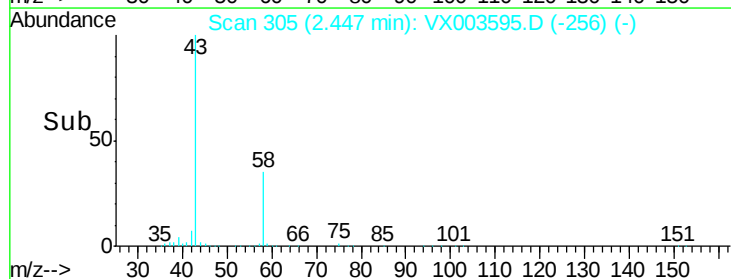
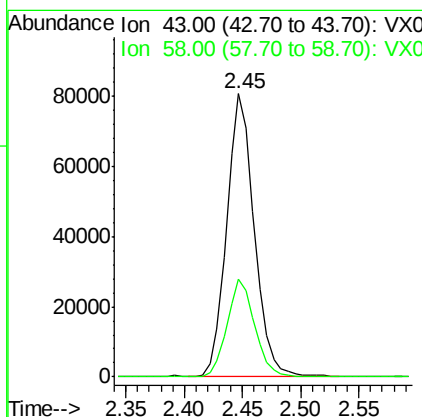
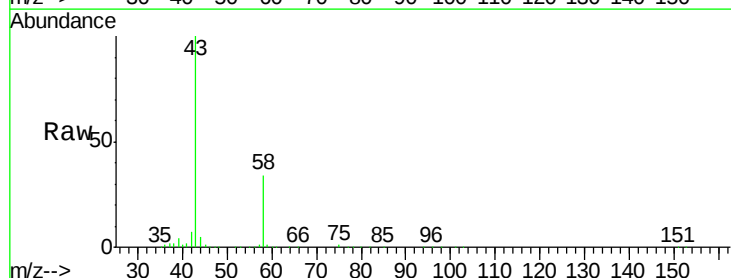
RT: 2.45 min Scan# 305

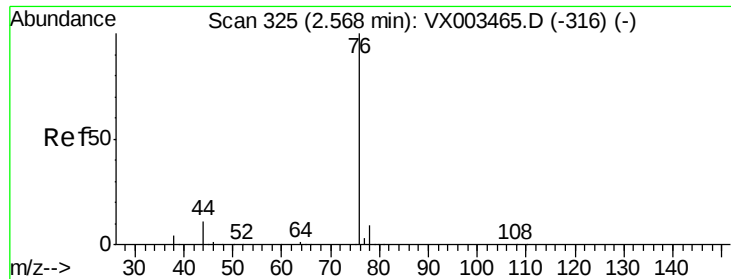
Delta R.T. 0.00 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

Tgt Ion:	43	Resp:	131661
Ion	Ratio	Lower	Upper
43	100		
58	34.6	22.1	33.1#





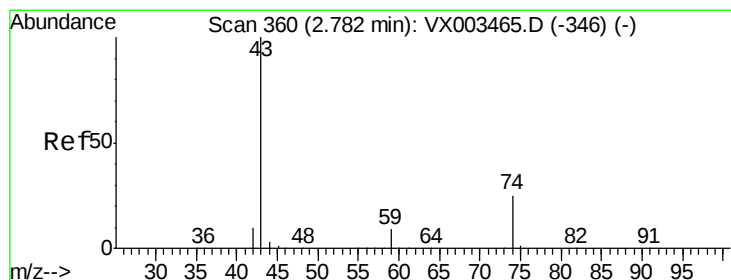
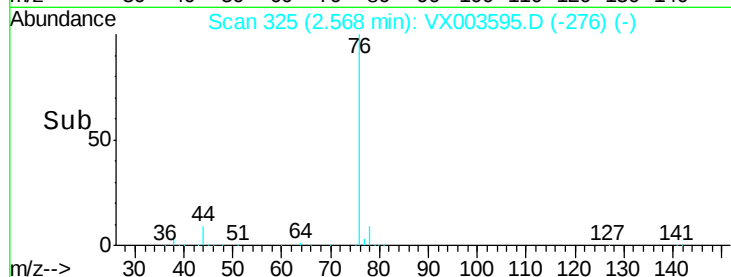
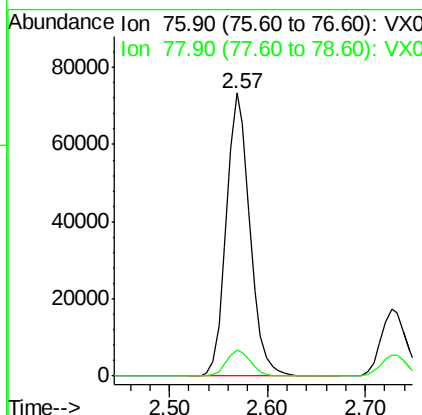
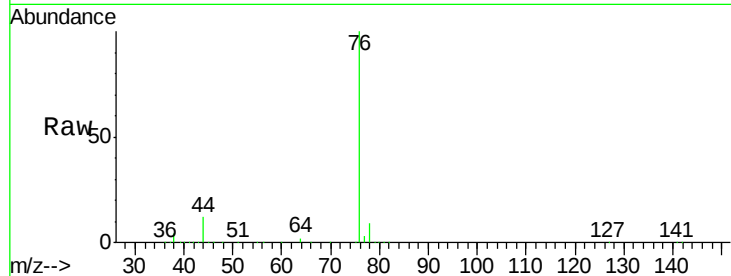
#17
Carbon Disulfide
Concen: 16.65 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003595.D
Acq: 23 Jul 2018 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	6.9	10.3

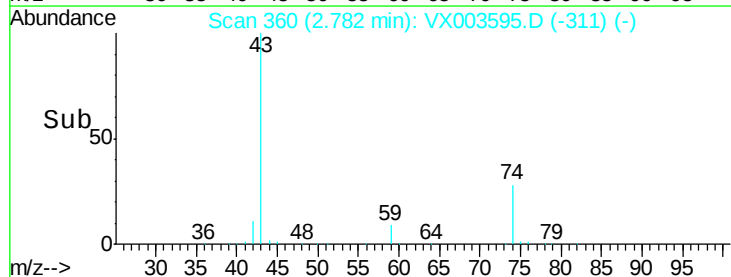
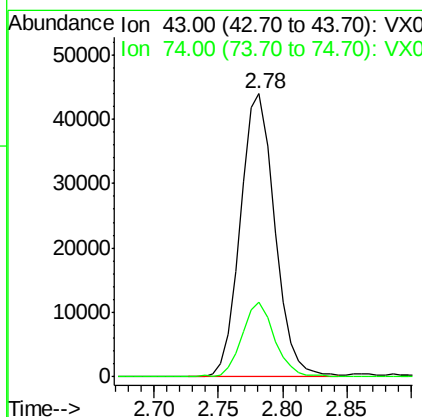
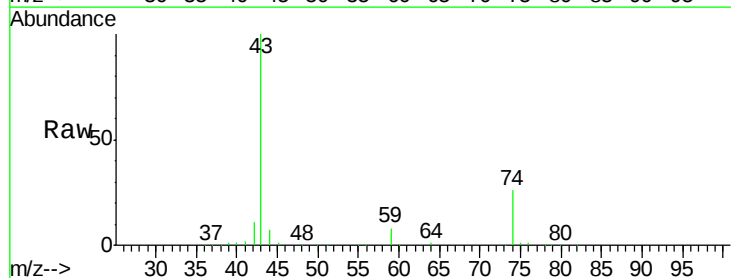
Manual Integrations
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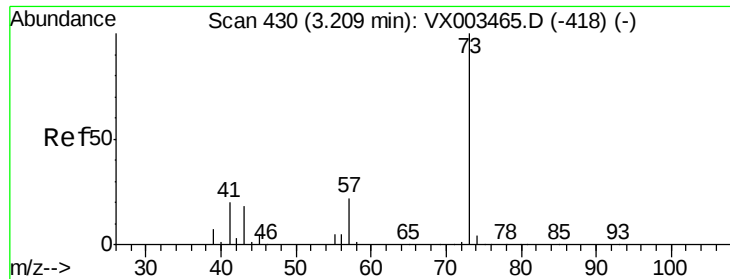
MMDadoda
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#18
Methyl Acetate
Concen: 21.44 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003595.D
Acq: 23 Jul 2018 11:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.5	16.7	25.1#





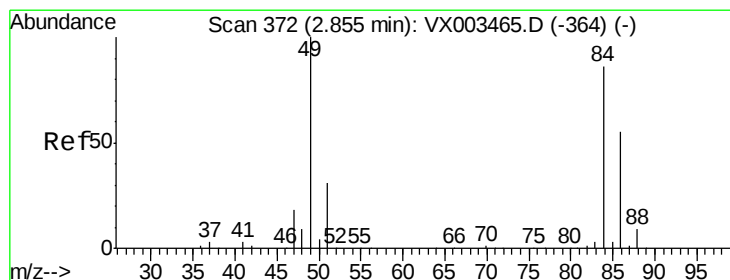
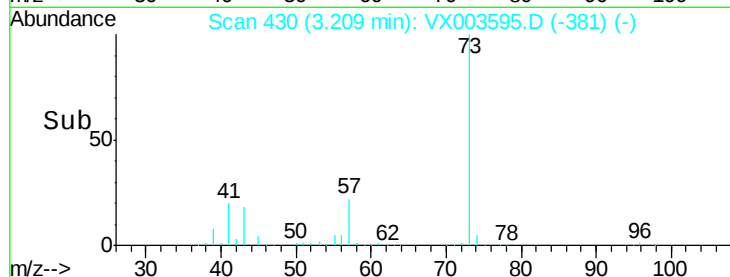
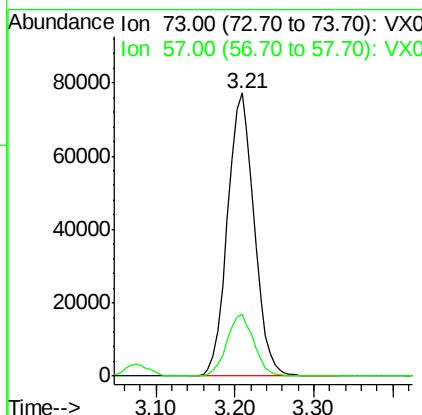
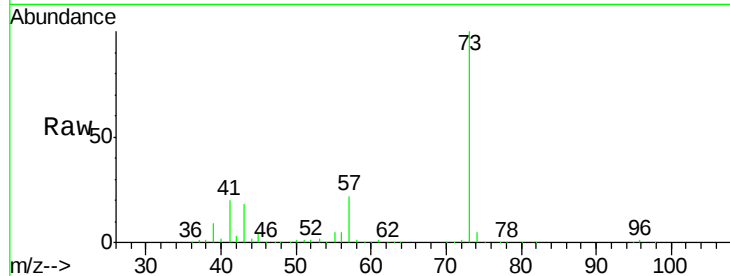
#19
Methvl tert-butvl Ether
Concen: 20.42 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003595.D
Acq: 23 Jul 2018 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD01

Tot Ion: 73 Resp: 181587
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5

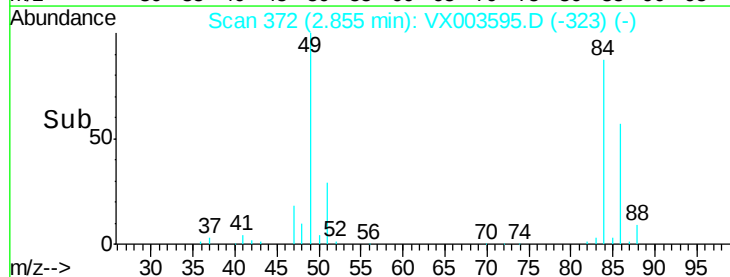
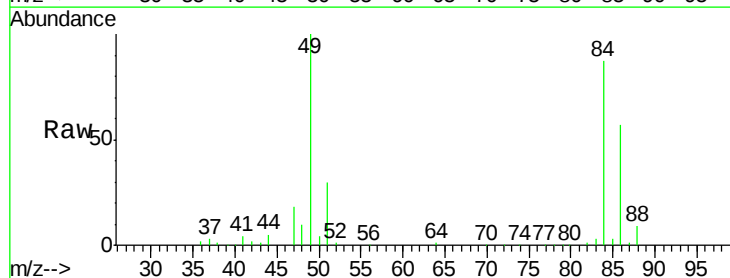
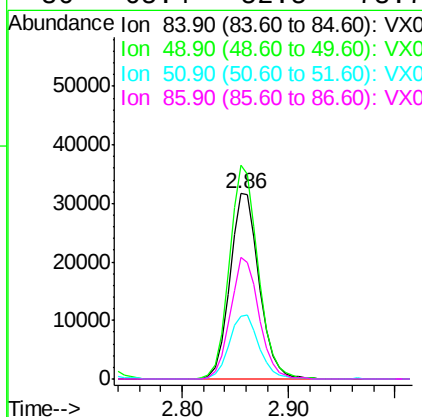
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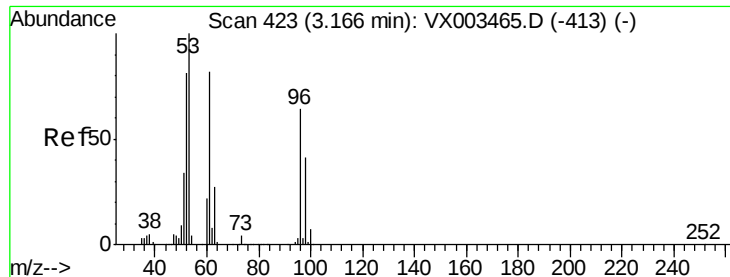
MMDadoda
7/24/2018 12:37:27 PM



#20
Methylene Chloride
Concen: 20.46 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003595.D
Acq: 23 Jul 2018 11:10

Tgt Ion: 84 Resp: 61139
Ion Ratio Lower Upper
84 100
49 115.3 107.8 161.6
51 34.1 32.8 49.2
86 65.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.06 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD01

Tot Ion: 96 Resp: 54744

Ion Ratio Lower Upper

96 100

61 129.3 117.0 175.4

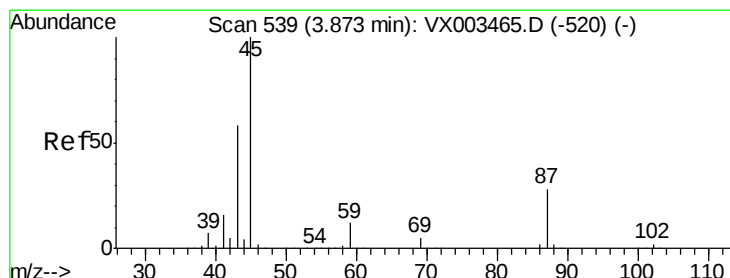
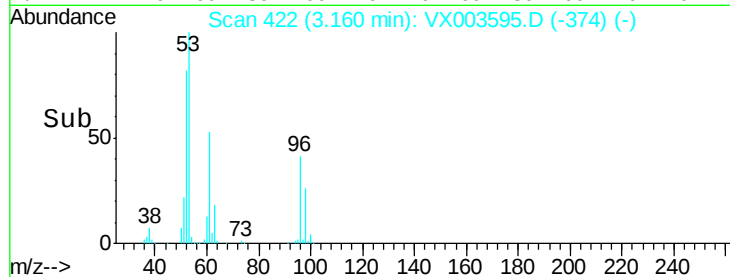
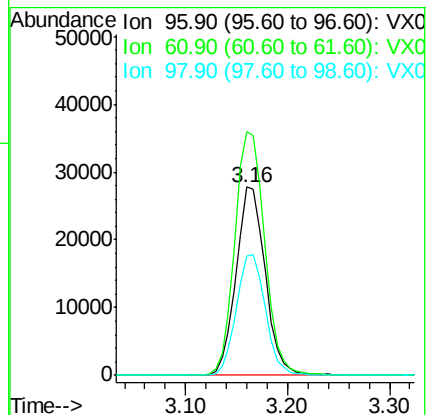
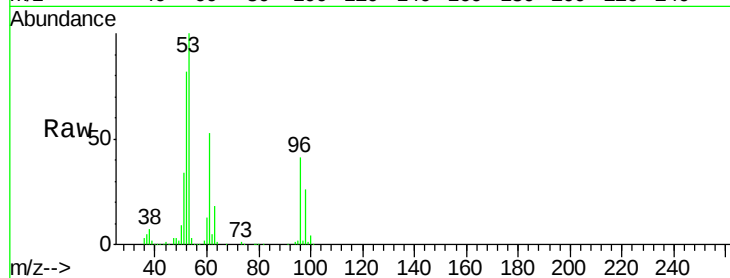
98 63.7 52.4 78.6

Manual Integrations

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#22

Diisopropyl ether

Concen: 19.66 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

Tgt Ion: 45 Resp: 178364

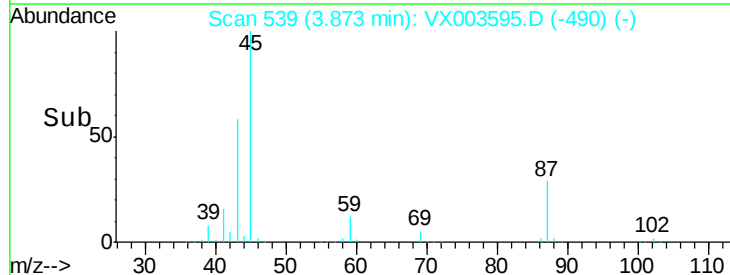
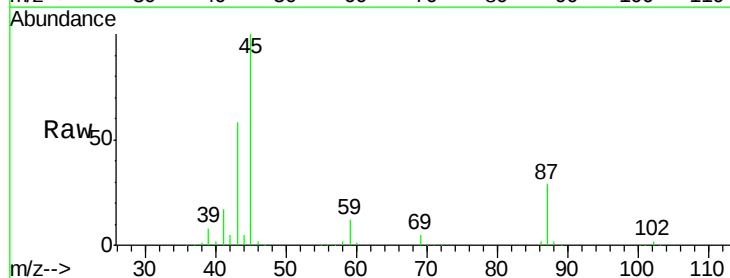
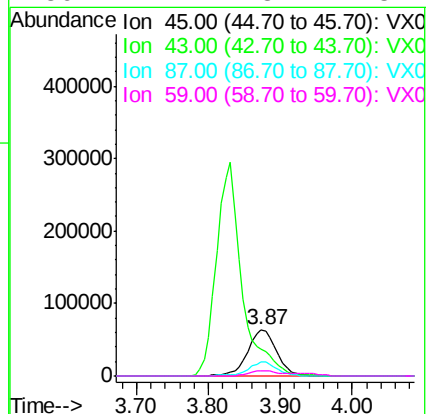
Ion Ratio Lower Upper

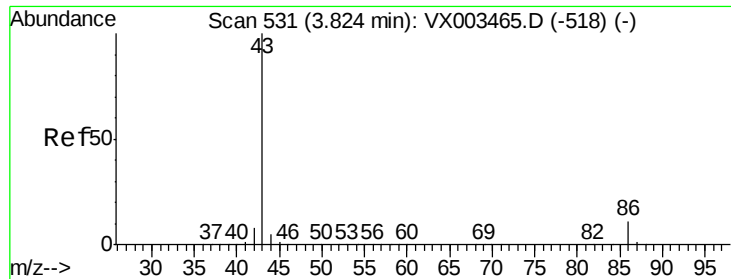
45 100

43 58.1 46.8 70.2

87 29.4 20.2 30.4

59 11.7 8.7 13.1





#23

Vinyl Acetate

Concen: 97.67 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.01 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD01

Tot Ion: 43 Resp: 729962

Ion Ratio Lower Upper

43 100

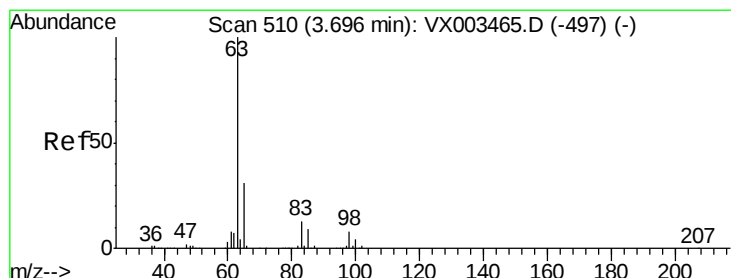
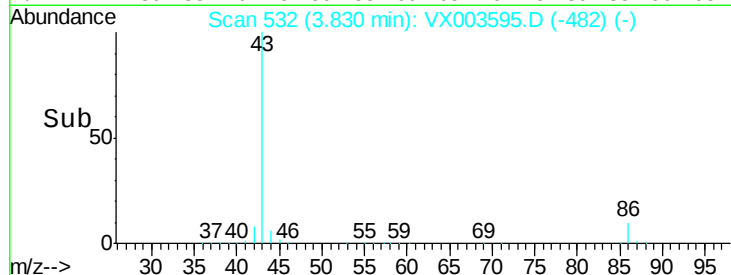
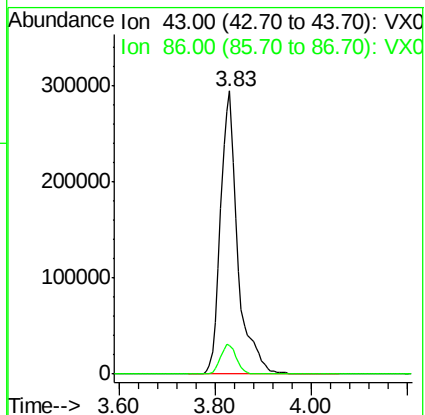
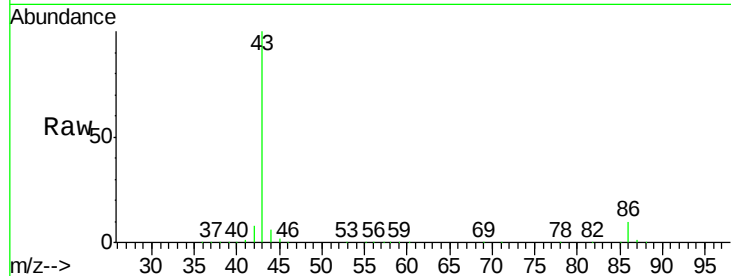
86 10.2 7.4 11.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.91 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

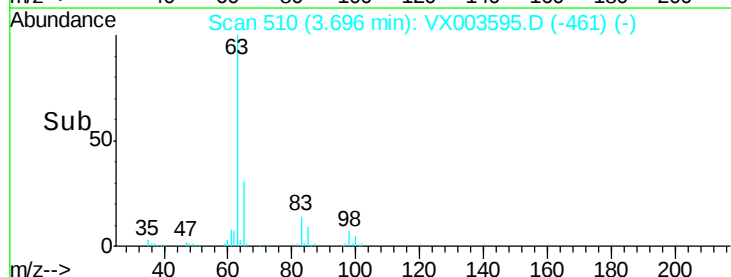
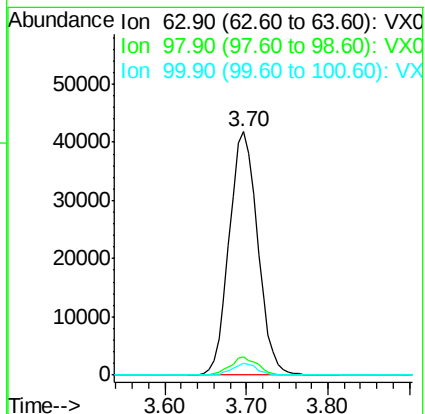
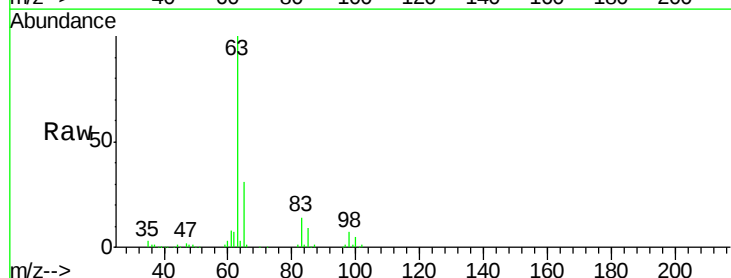
Tgt Ion: 63 Resp: 100676

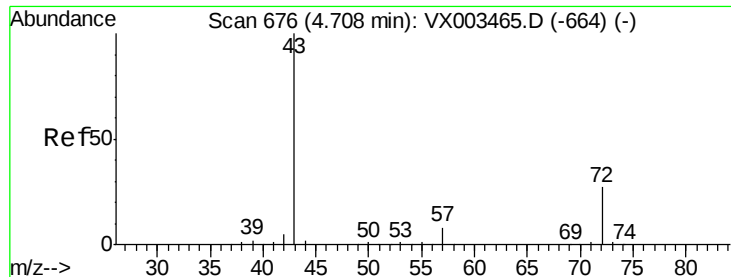
Ion Ratio Lower Upper

63 100

98 7.4 3.4 10.2

100 4.9 2.0 6.0





#25

2-Butanone

Concen: 106.80 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD01

Tot Ion: 43 Resp: 213680

Ion Ratio Lower Upper

43 100

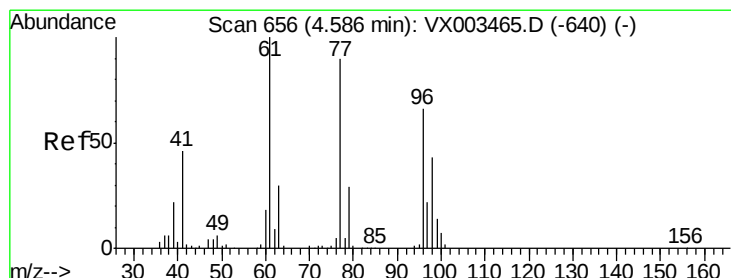
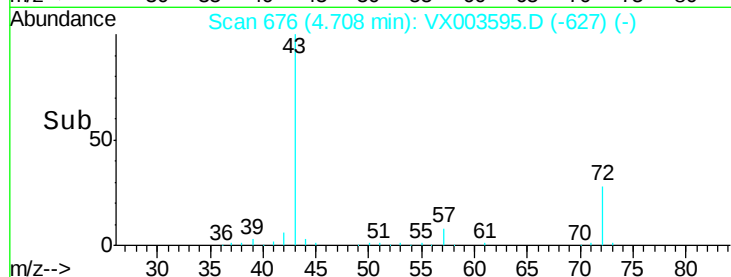
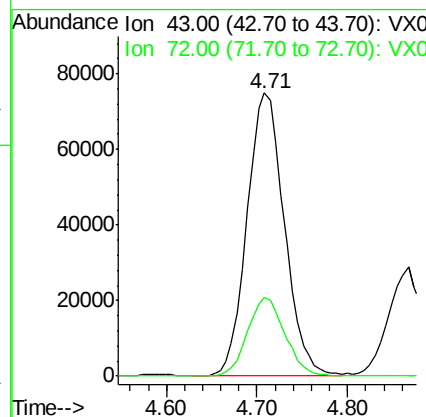
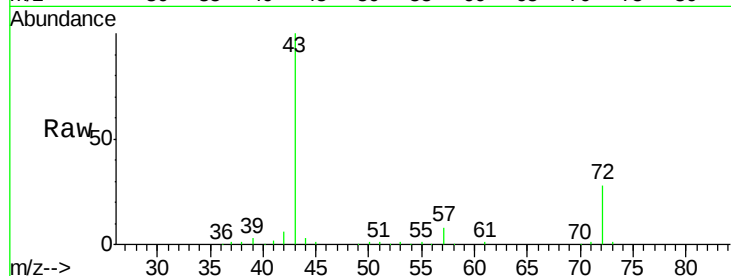
72 28.0 18.5 27.7#

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#26

2,2-Dichloropropane

Concen: 18.63 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003595.D

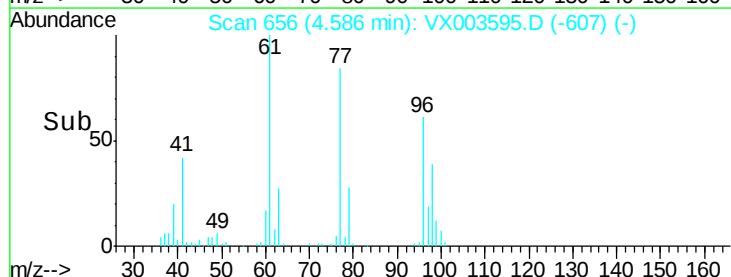
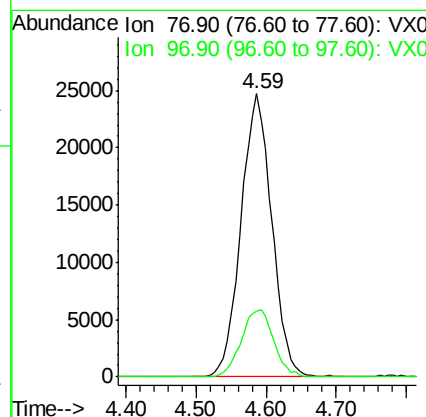
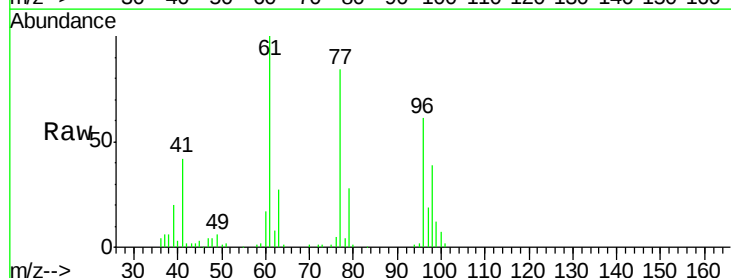
Acq: 23 Jul 2018 11:10

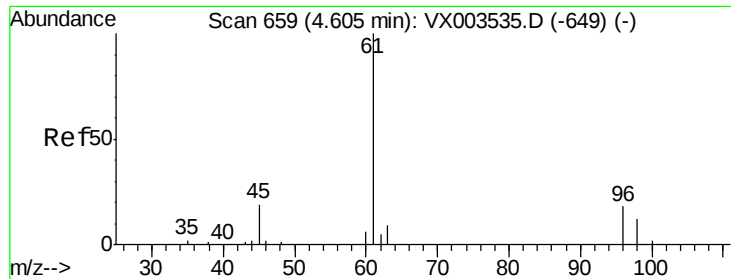
Tgt Ion: 77 Resp: 75336

Ion Ratio Lower Upper

77 100

97 25.0 11.2 33.5





#27

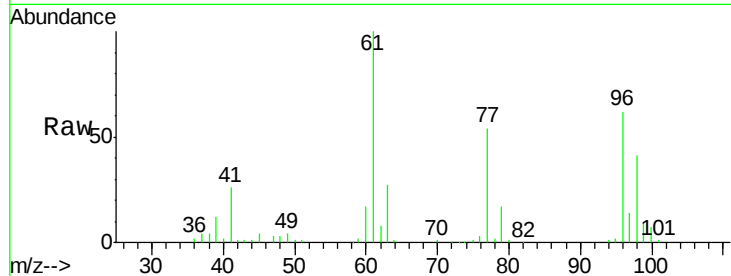
cis-1,2-Dichloroethene
Concen: 19.00 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX003595.D
Acq: 23 Jul 2018 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	64130		
61	194.2	0.0	330.2	
98	65.7	0.0	130.2	

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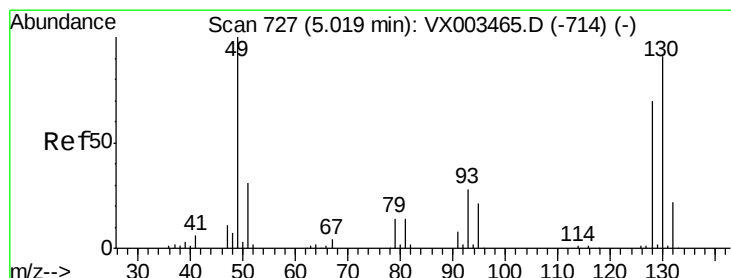
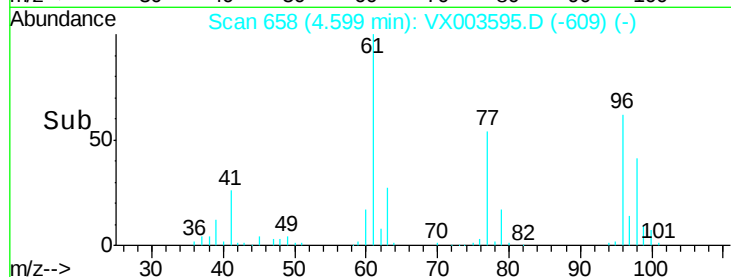
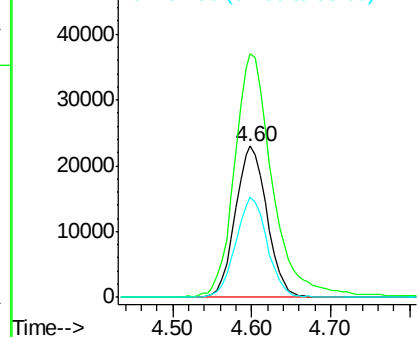


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

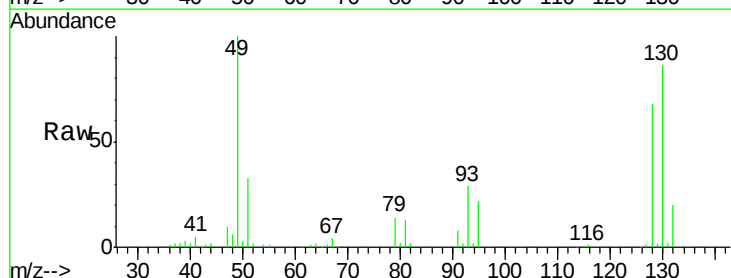
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 20.47 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.00 min
Lab File: VX003595.D
Acq: 23 Jul 2018 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	47634		
129	2.4	0.0	4.2	
130	89.9	61.2	91.8	

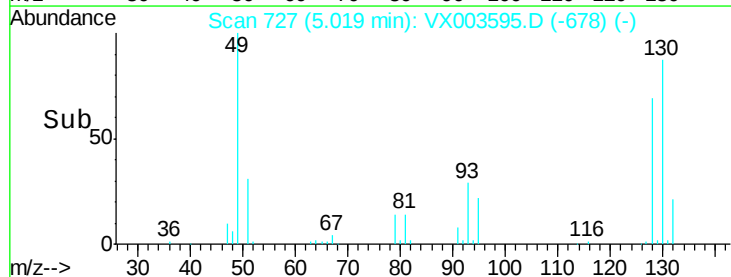
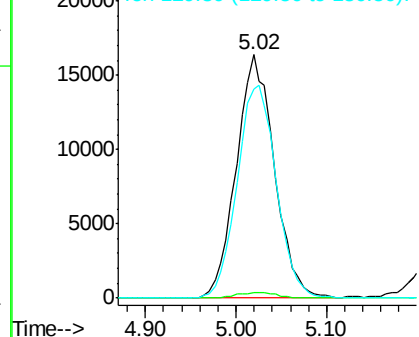


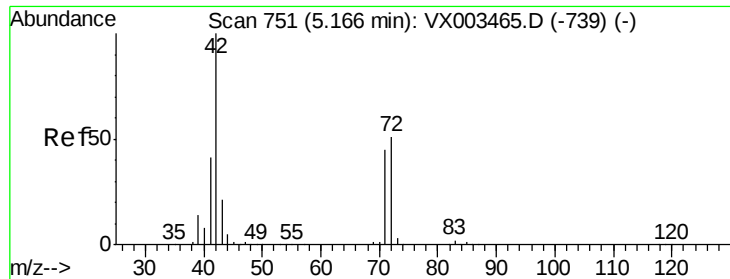
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





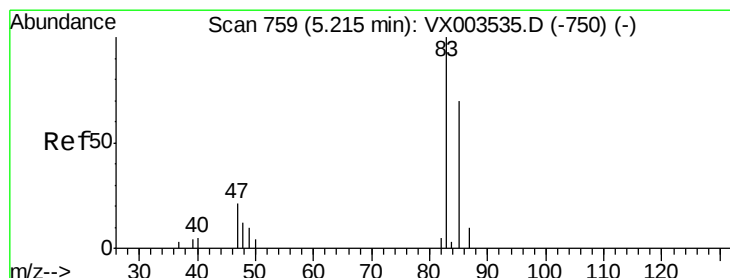
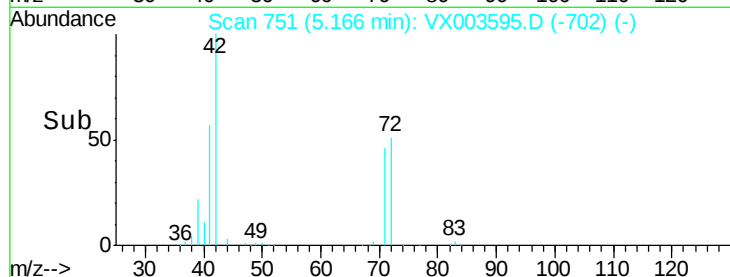
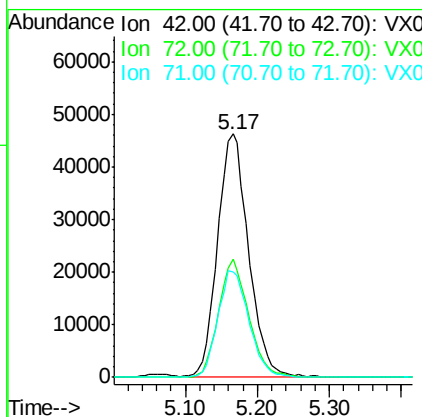
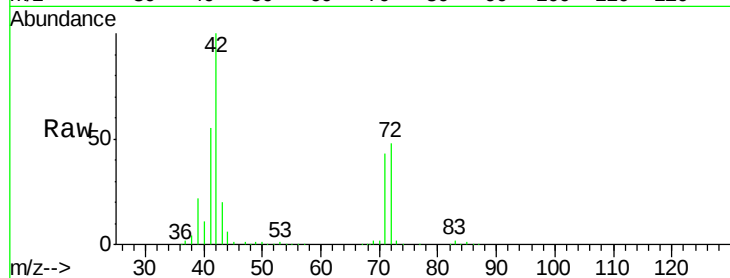
#29
Tetrahydrofuran
Concen: 104.12 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003595.D
Acq: 23 Jul 2018 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.3	32.0	48.0
71	44.0	30.1	45.1

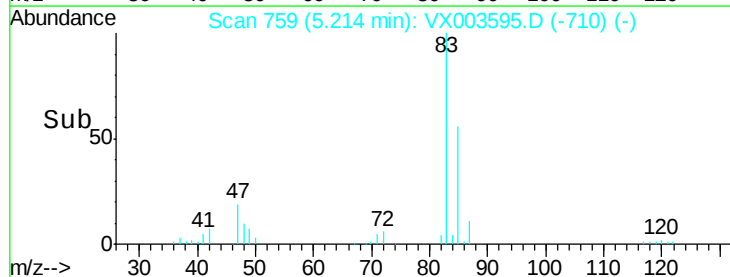
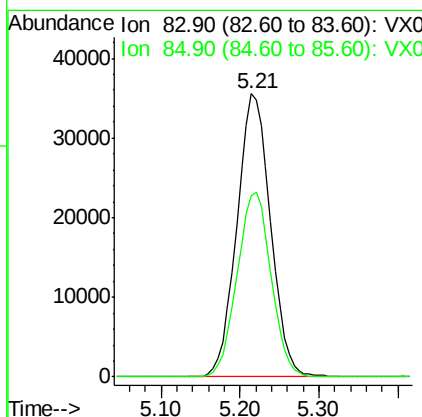
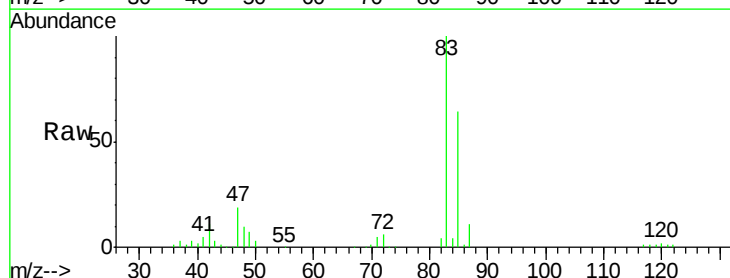
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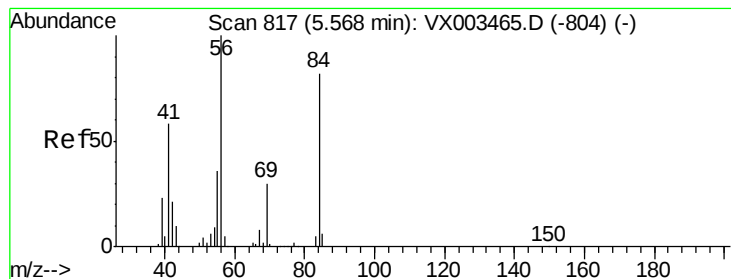
MMDadoda
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#30
Chloroform
Concen: 20.26 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX003595.D
Acq: 23 Jul 2018 11:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	50.4	75.6





#31

Cyclohexane

Concen: 17.44 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

Instrument :

MSVOA_X

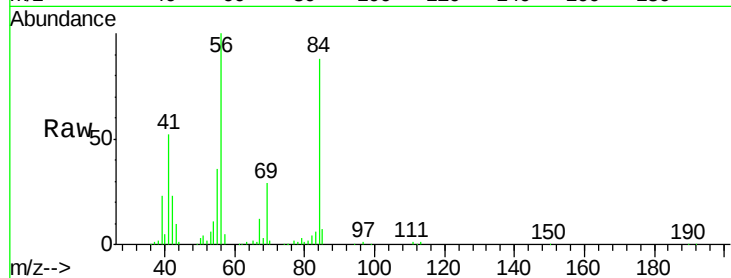
ClientSampled :

VX0723WBSD01

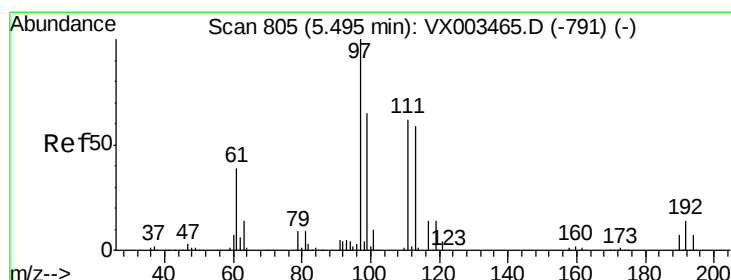
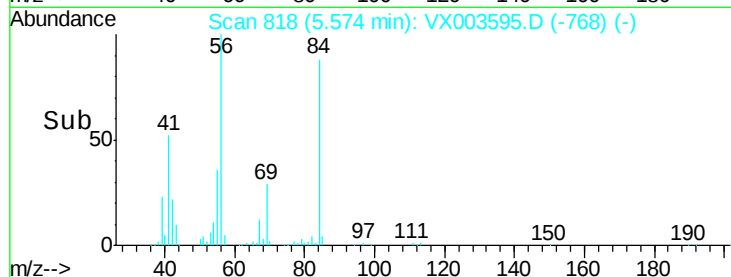
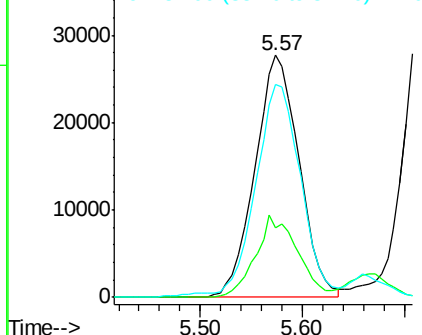
Tot Ion:	56	Resp:	82962
Ion	Ratio	Lower	Upper
56	100		
69	28.9	23.7	35.5
84	86.9	64.1	96.1

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Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.83 ug/l

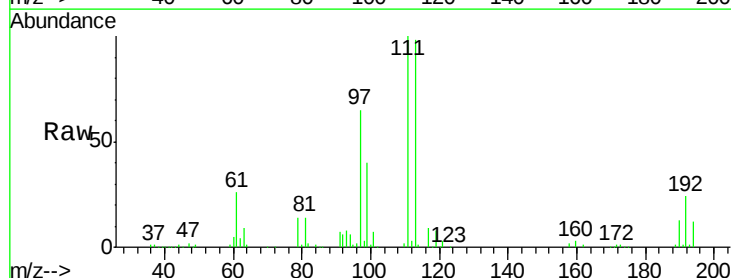
RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

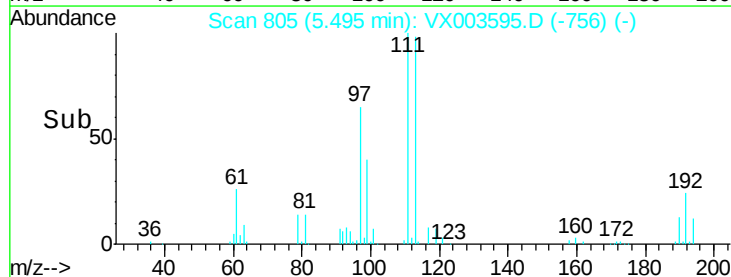
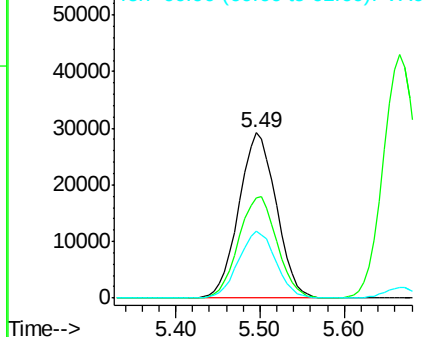
Lab File: VX003595.D

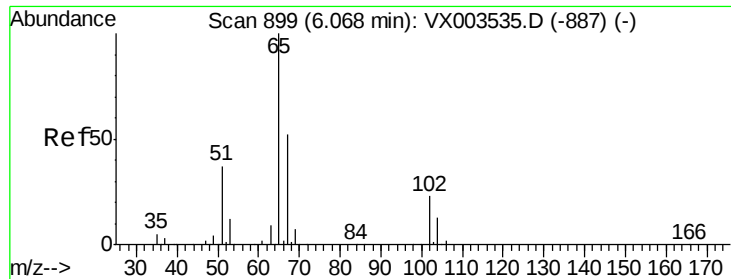
Acq: 23 Jul 2018 11:10

Tgt Ion:	97	Resp:	88267
Ion	Ratio	Lower	Upper
97	100		
99	63.0	51.6	77.4
61	40.2	36.4	54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





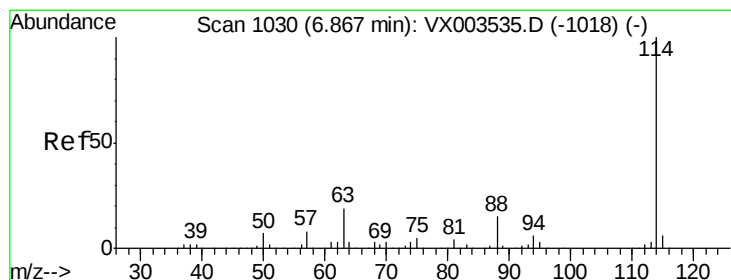
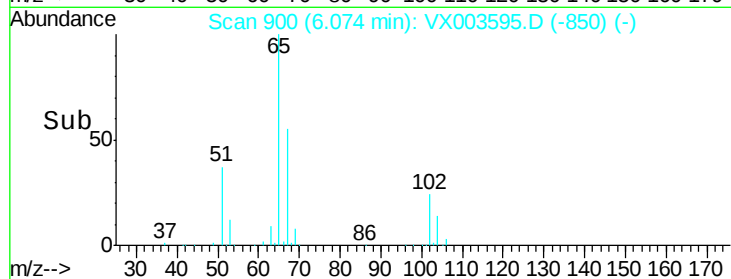
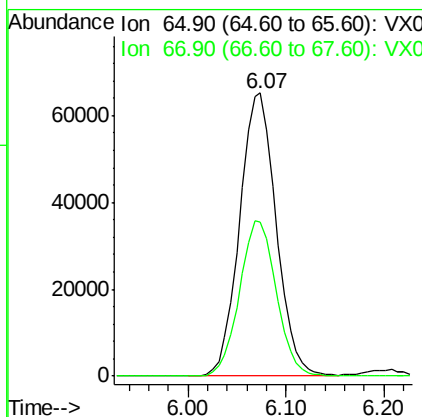
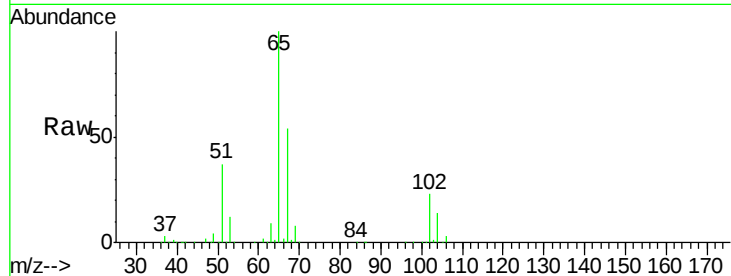
#33
 1,2-Dichloroethane-d4
 Concen: 53.57 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003595.D
 Acq: 23 Jul 2018 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	169118		
67	55.2	0.0	102.6	

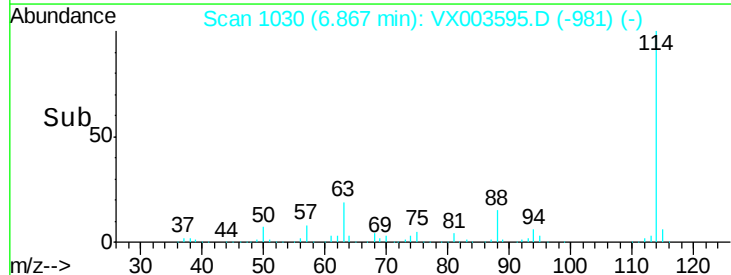
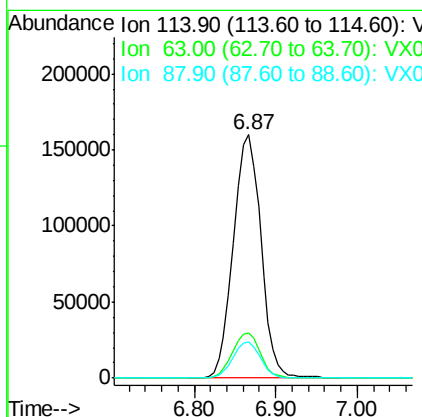
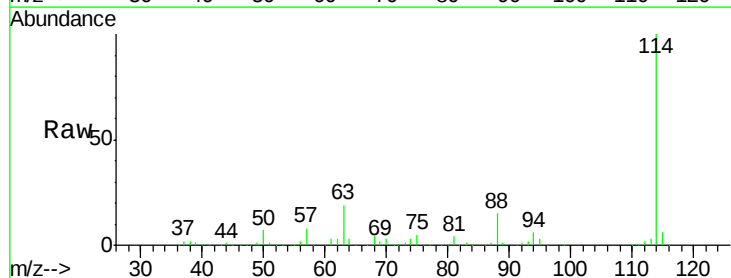
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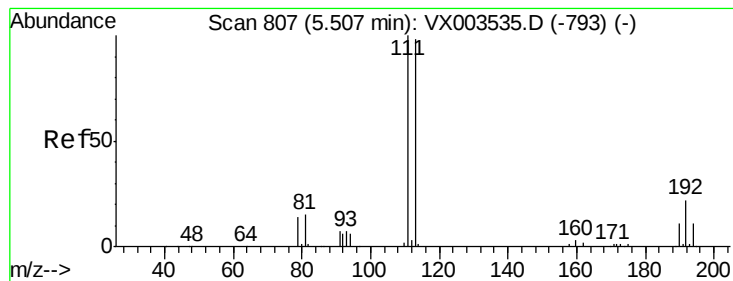
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003595.D
 Acq: 23 Jul 2018 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	375111		
63	18.6	0.0	41.4	
88	14.8	0.0	30.0	





#35

Dibromofluoromethane

Concen: 52.02 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

Instrument :

MSVOA_X

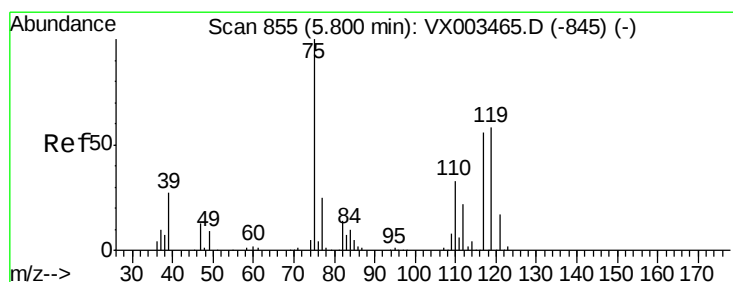
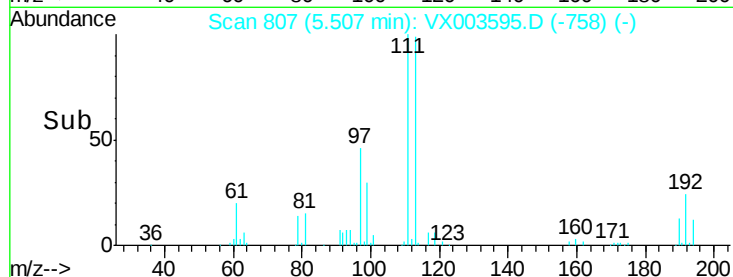
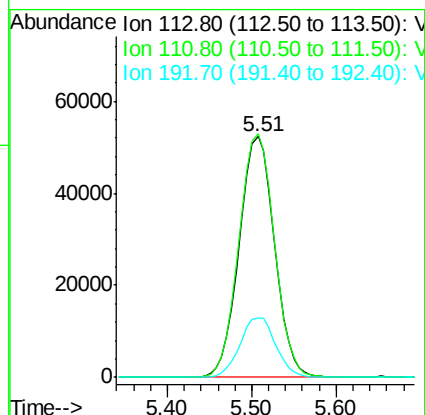
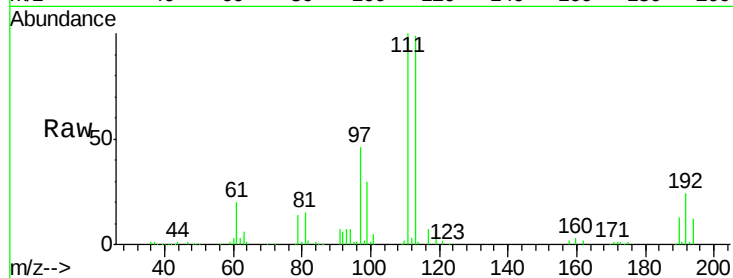
ClientSampleId :

VX0723WBSD01

Tot Ion:	113	Resp:	148627
Ion Ratio	Lower	Upper	
113	100		
111	101.8	81.4	122.0
192	25.1	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 18.27 ug/l

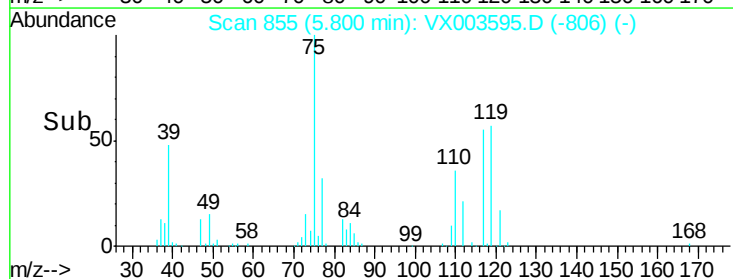
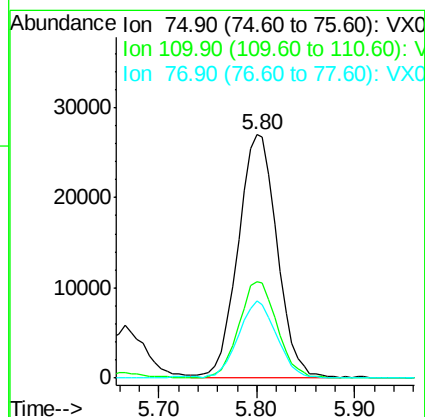
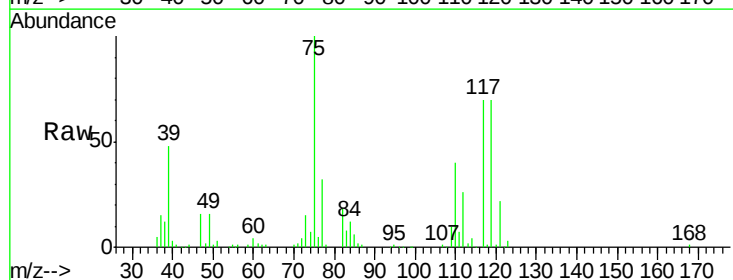
RT: 5.80 min Scan# 855

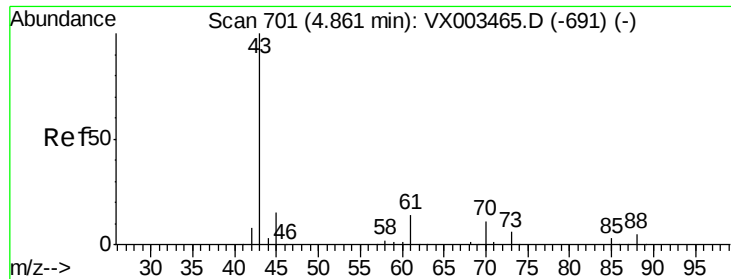
Delta R.T. 0.00 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

Tgt Ion:	75	Resp:	73981
Ion Ratio	Lower	Upper	
75	100		
110	39.4	18.1	54.4
77	31.4	24.3	36.5





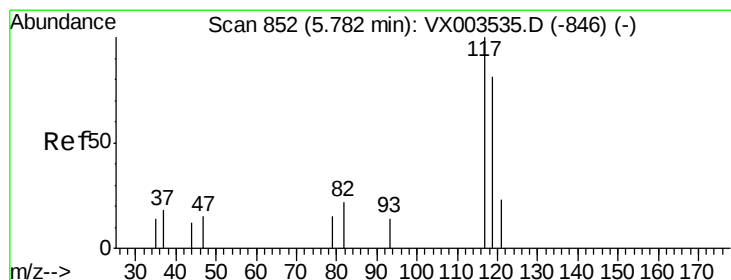
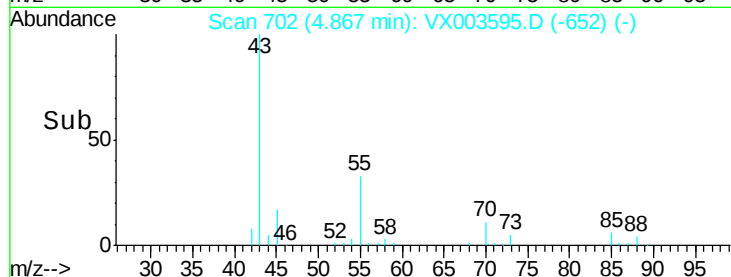
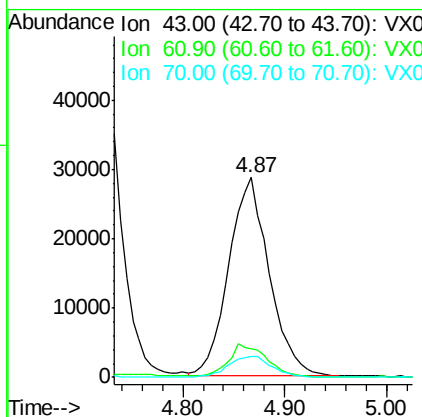
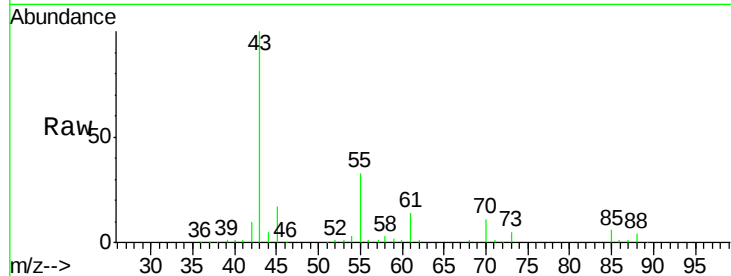
#37
Ethyl Acetate
Concen: 20.60 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.01 min
Lab File: VX003595.D
Acq: 23 Jul 2018 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	10.4	15.6
70	11.5	7.6	11.4

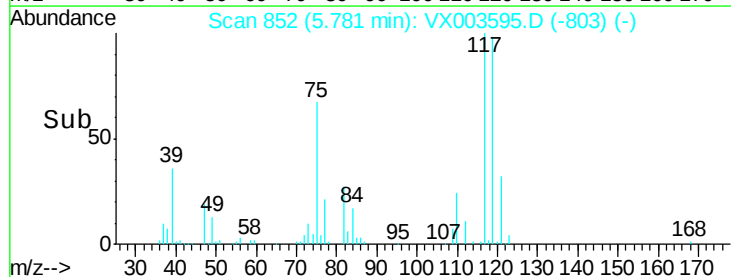
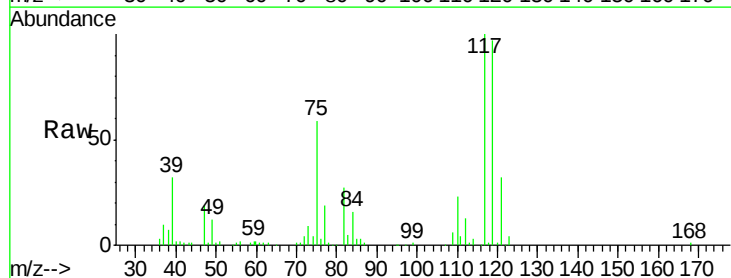
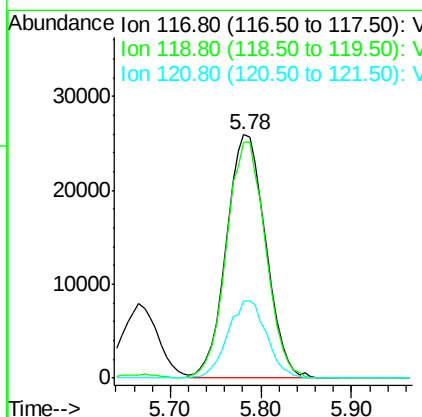
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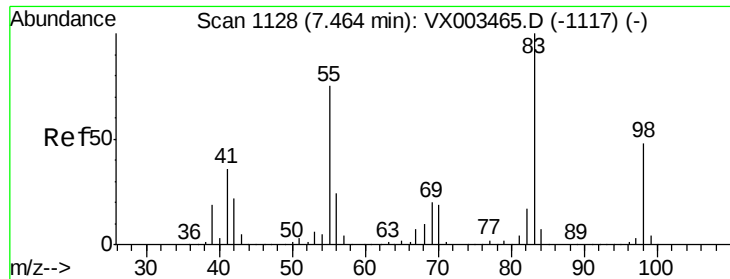
MMDadoda
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#38
Carbon Tetrachloride
Concen: 19.64 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003595.D
Acq: 23 Jul 2018 11:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.4	116.0
121	31.9	24.4	36.6





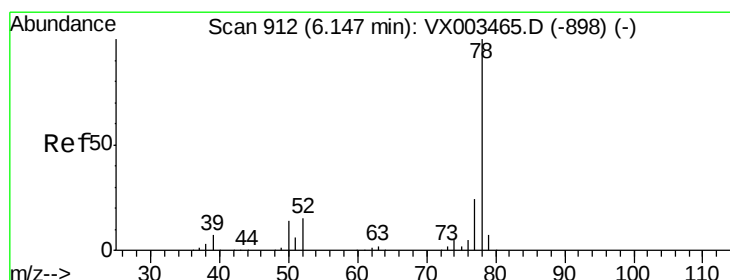
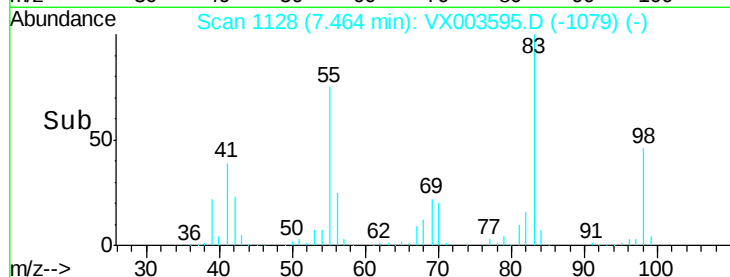
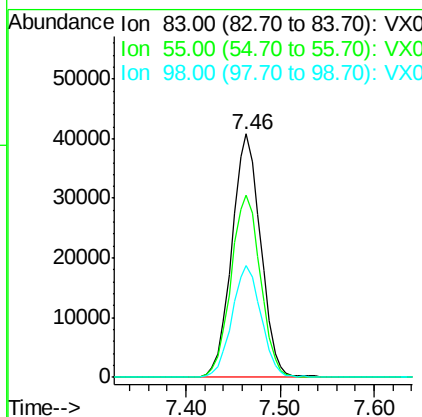
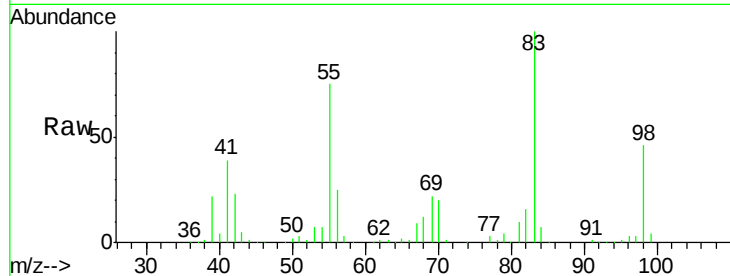
#39
Methvlcvclohexane
Concen: 18.07 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003595.D
Acq: 23 Jul 2018 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.7	65.4	98.0
98	46.1	37.4	56.0

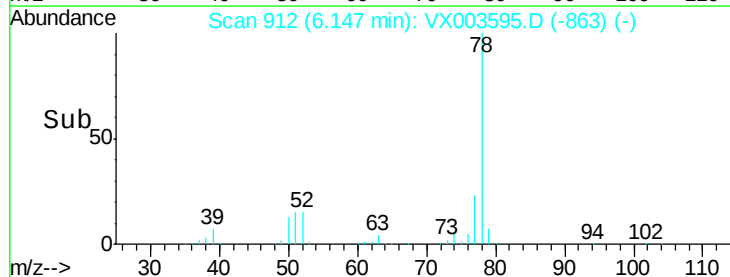
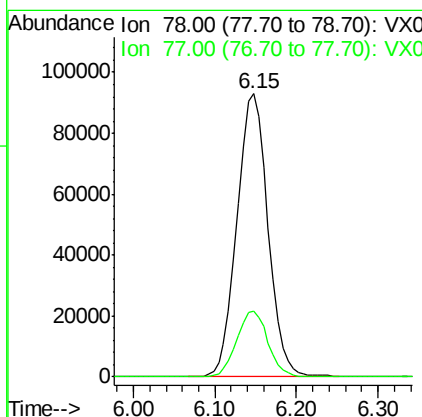
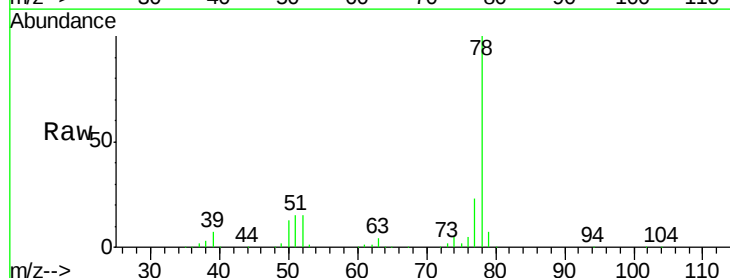
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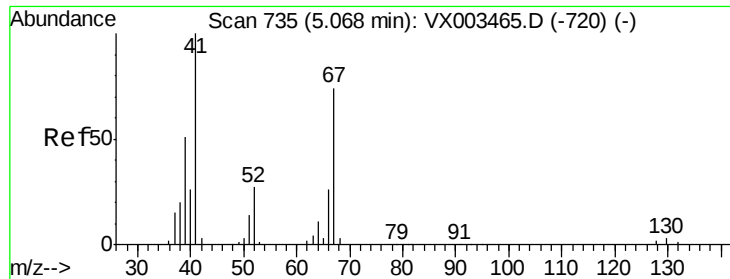
MMDadoda
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#40
Benzene
Concen: 20.05 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003595.D
Acq: 23 Jul 2018 11:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.1	28.7





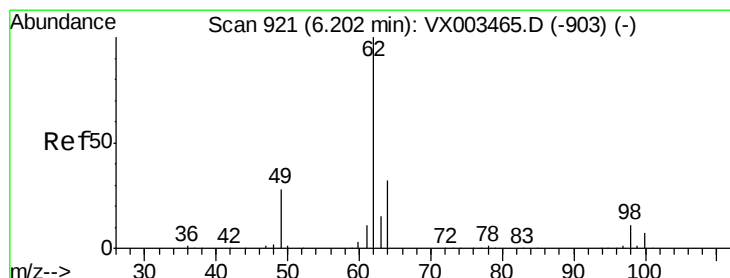
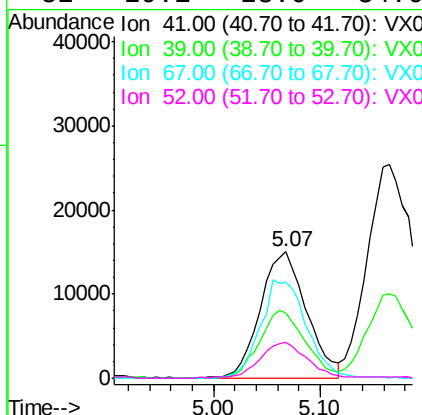
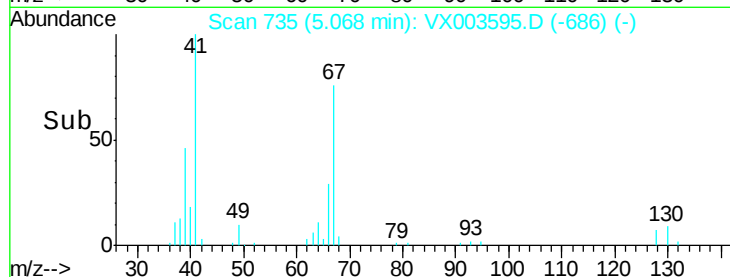
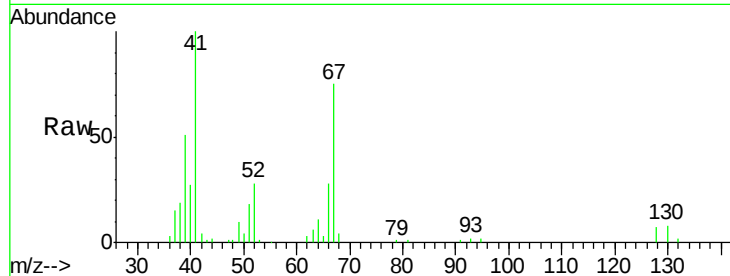
#41
Methacrylonitrile
Concen: 20.19 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003595.D
Acq: 23 Jul 2018 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.3	45.8	68.6
67	77.9	51.3	76.9
52	29.1	23.0	34.6

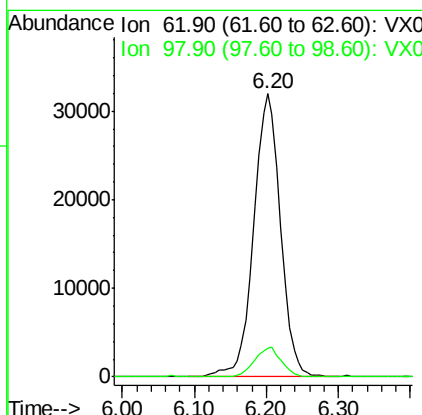
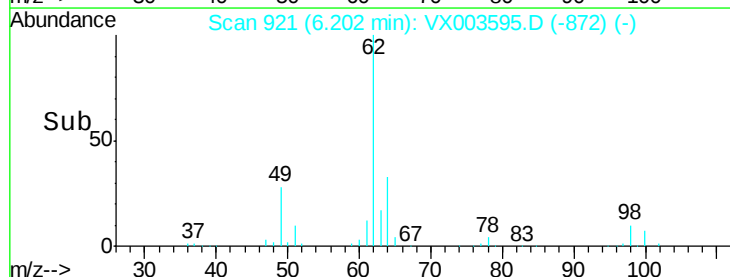
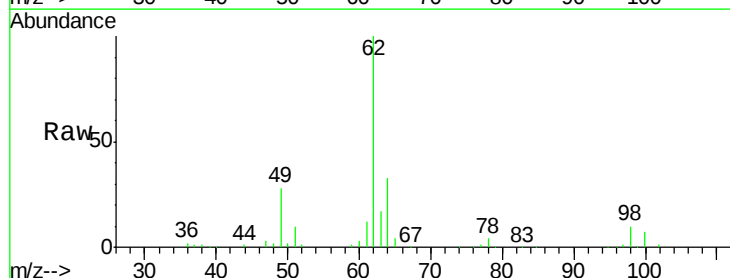
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 21.49 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003595.D
Acq: 23 Jul 2018 11:10

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	16.6





#43

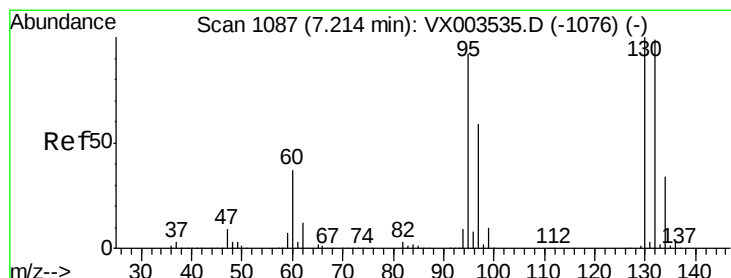
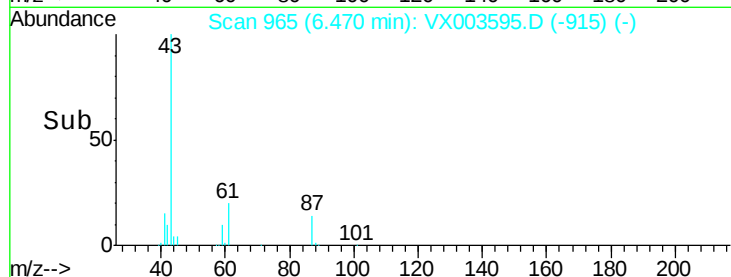
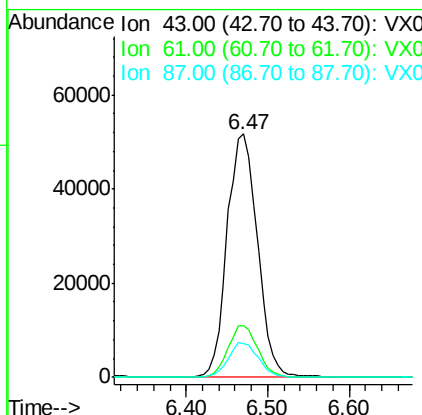
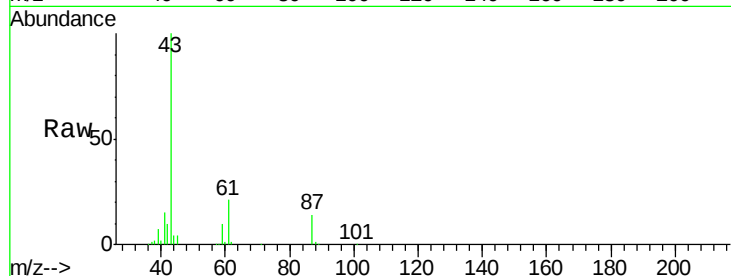
Isopropyl Acetate
 Concen: 21.63 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: VX003595.D
 Acq: 23 Jul 2018 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.0	14.4	21.6
87	14.2	9.5	14.3

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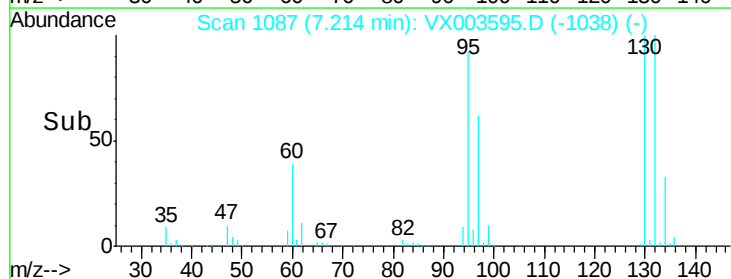
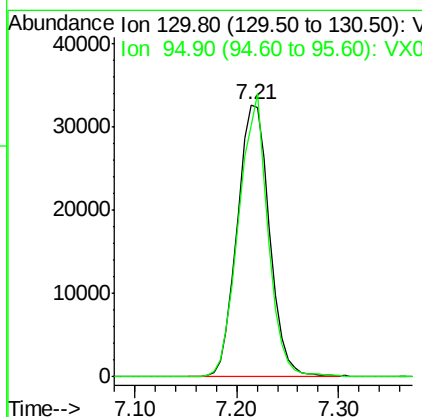
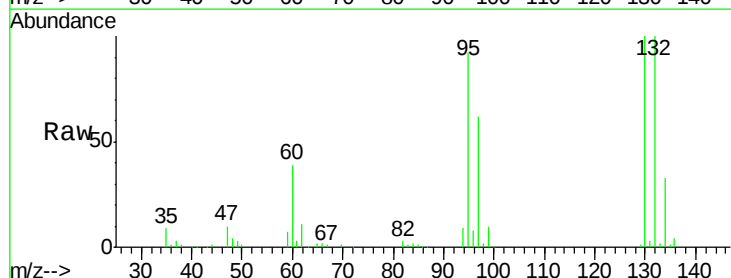
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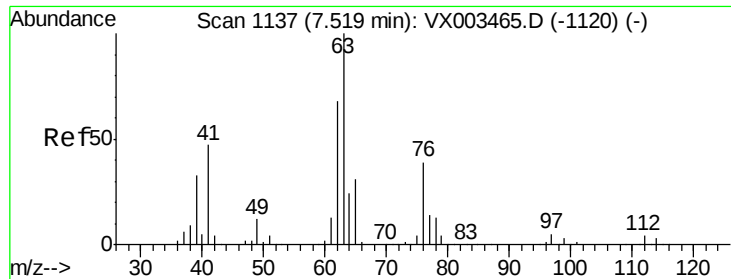


#44

Trichloroethene
 Concen: 19.67 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003595.D
 Acq: 23 Jul 2018 11:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	185.4





#45

1,2-Dichloropropane

Concen: 21.37 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

Instrument :

MSVOA_X

ClientSampled :

VX0723WBSD01

Tot Ion: 63 Resp: 66348

Ion Ratio Lower Upper

63 100

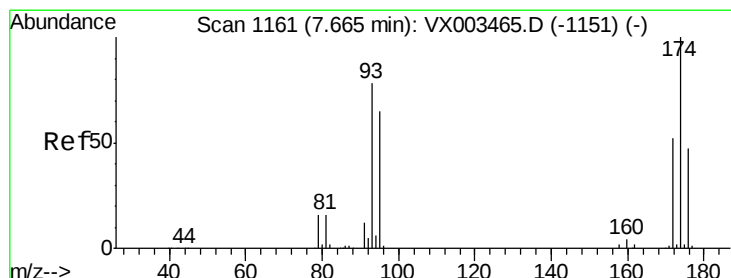
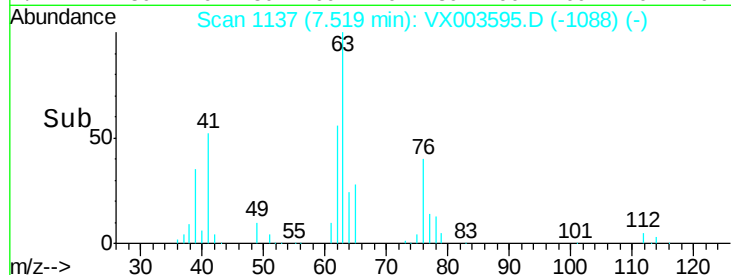
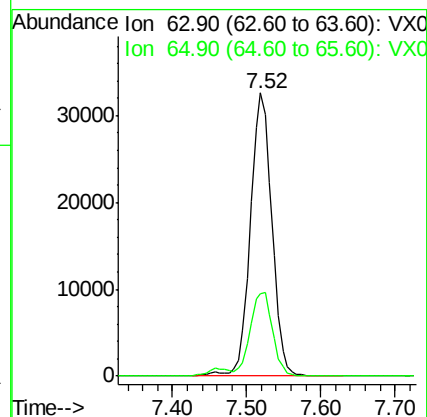
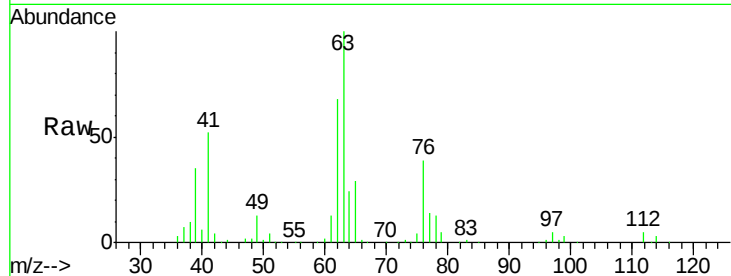
65 29.3 24.7 37.1

Manual Integrations

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#46

Dibromomethane

Concen: 21.54 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

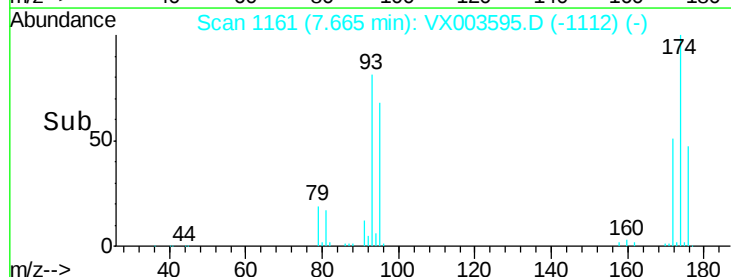
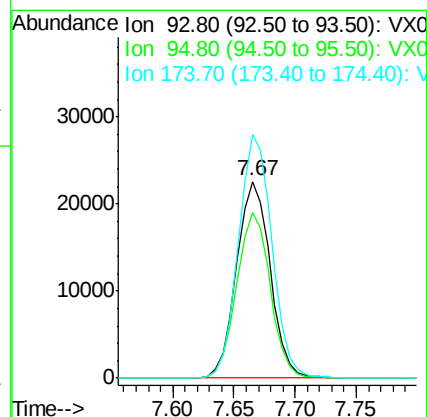
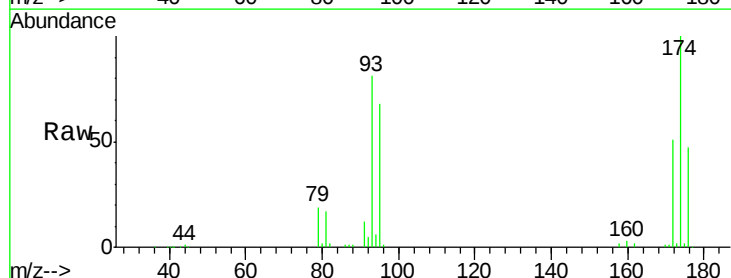
Tgt Ion: 93 Resp: 43063

Ion Ratio Lower Upper

93 100

95 83.8 65.9 98.9

174 123.2 92.4 138.6





#47

Bromodichloromethane

Concen: 21.77 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

Instrument :

MSVOA_X

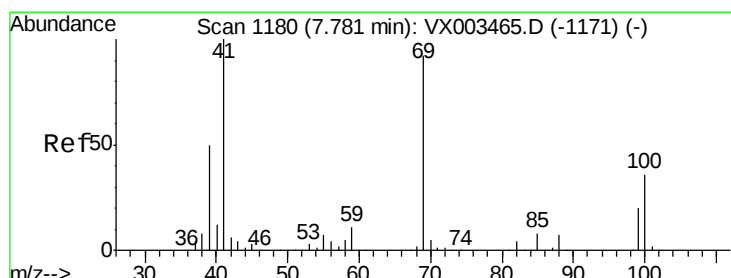
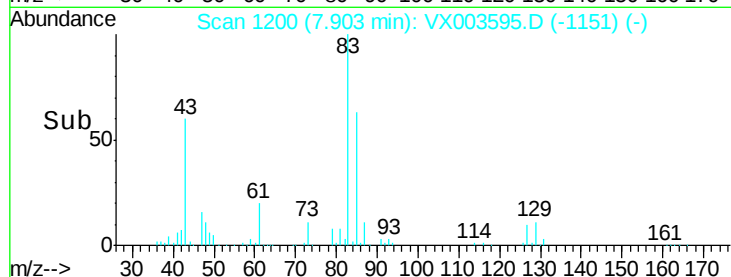
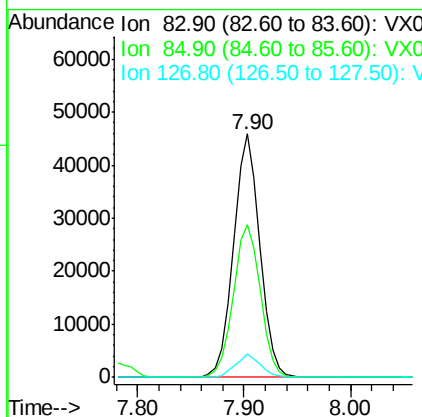
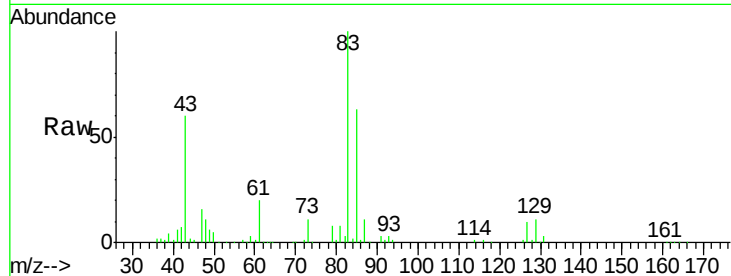
ClientSampleId :

VX0723WBSD01

Tot Ion:	83	Resp:	79664
Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.3	75.5
127	9.6	7.0	10.4

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#48

Methyl methacrylate

Concen: 22.11 ug/l

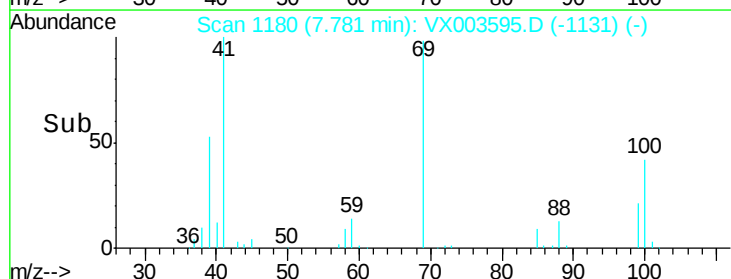
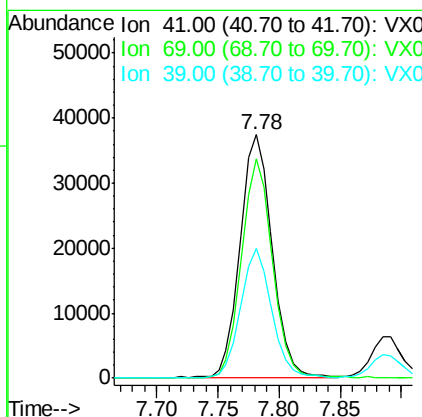
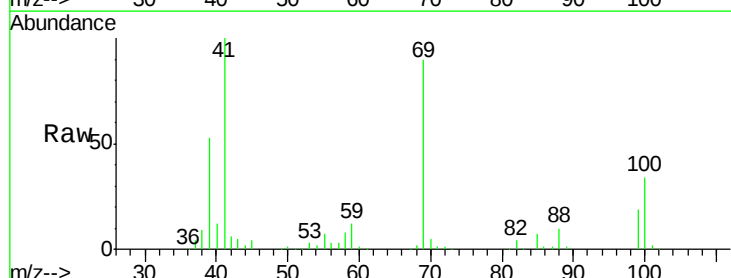
RT: 7.78 min Scan# 1180

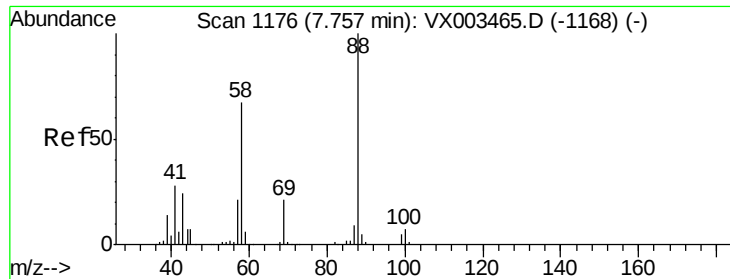
Delta R.T. 0.00 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

Tgt Ion:	41	Resp:	67981
Ion	Ratio	Lower	Upper
41	100		
69	87.6	59.1	88.7
39	52.2	48.9	73.3





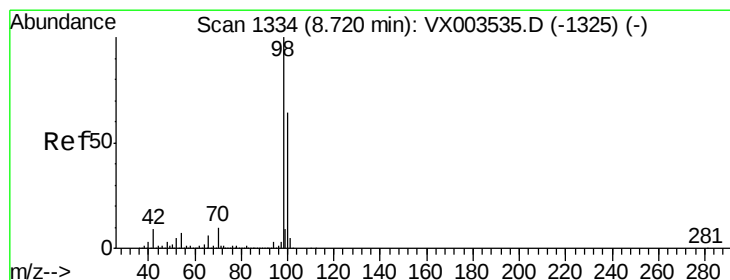
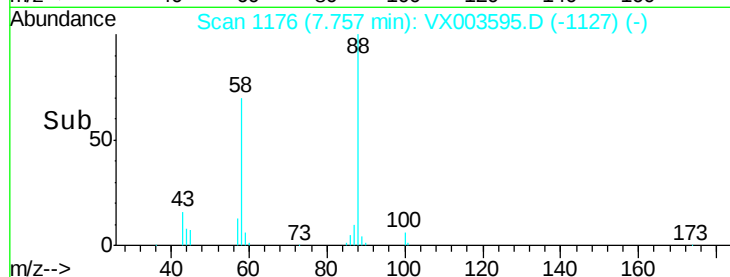
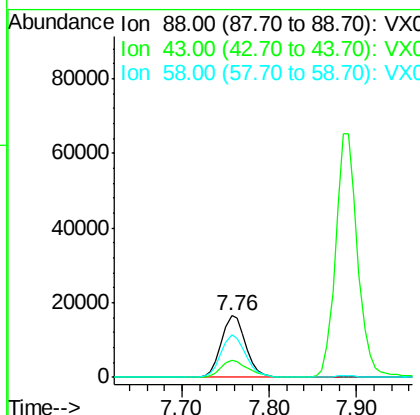
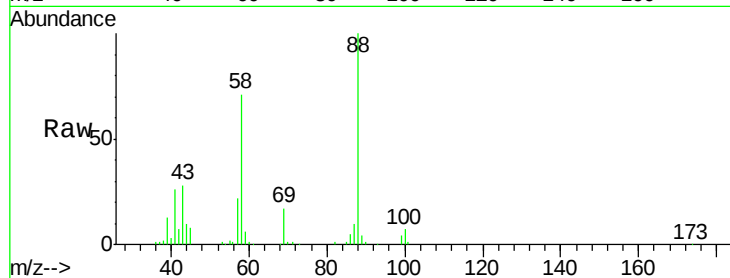
#49
1,4-Dioxane
Concen: 462.52 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003595.D
Acq: 23 Jul 2018 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.3	29.8	44.6
58	70.6	57.1	85.7

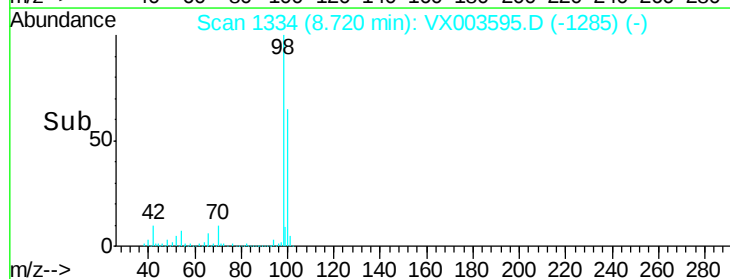
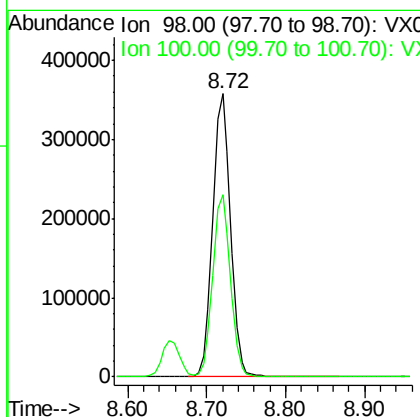
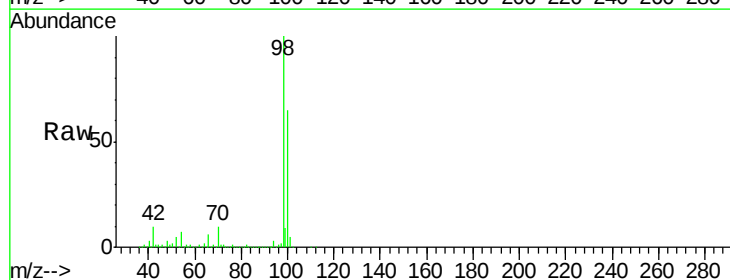
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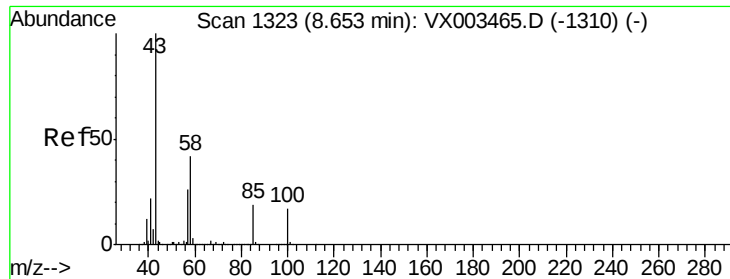
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#50
Toluene-d8
Concen: 52.40 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003595.D
Acq: 23 Jul 2018 11:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.9	76.3





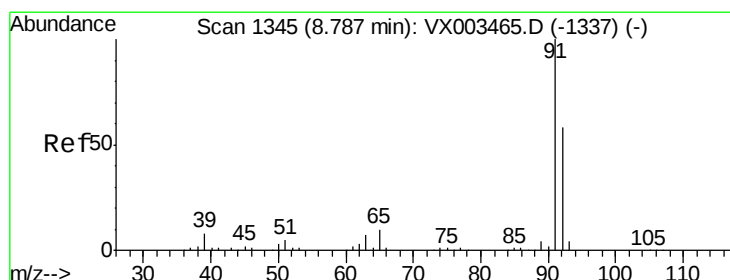
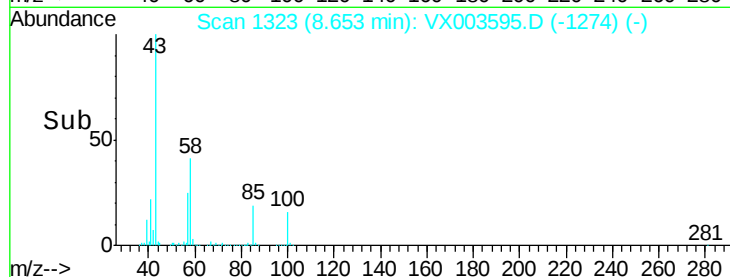
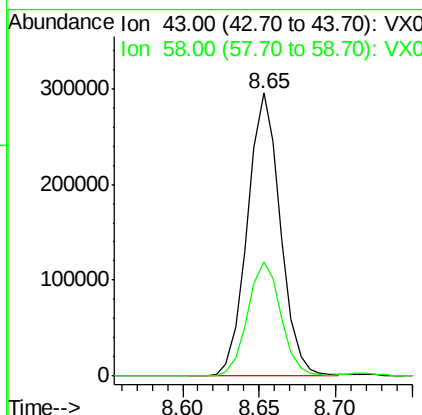
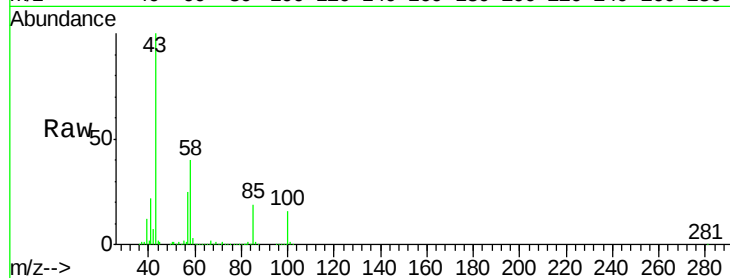
#51
 4-Methyl-2-Pentanone
 Concen: 114.74 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX003595.D
 Acq: 23 Jul 2018 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD01

Tot Ion: 43 Resp: 441907
 Ion Ratio Lower Upper
 43 100
 58 40.7 28.6 42.8

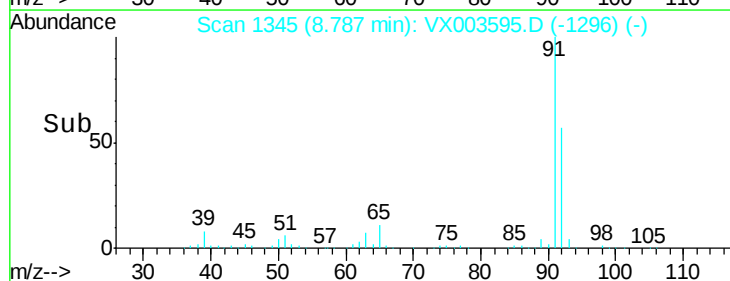
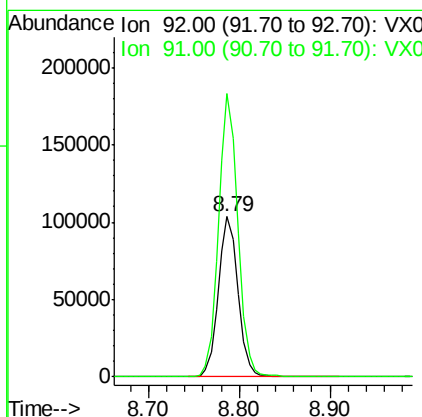
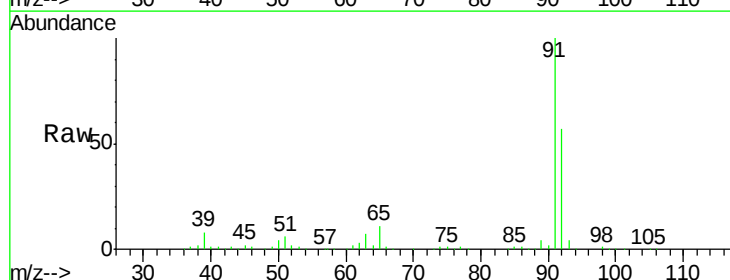
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#52
 Toluene
 Concen: 20.39 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VX003595.D
 Acq: 23 Jul 2018 11:10

Tgt Ion: 92 Resp: 156940
 Ion Ratio Lower Upper
 92 100
 91 173.8 140.4 210.6





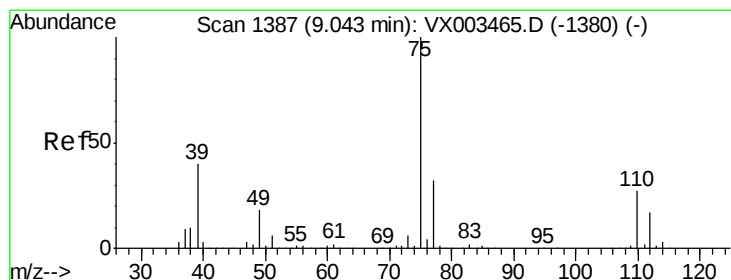
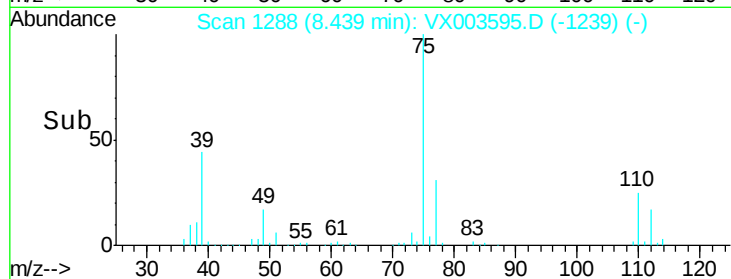
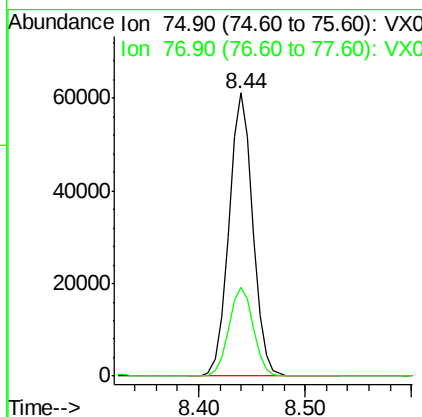
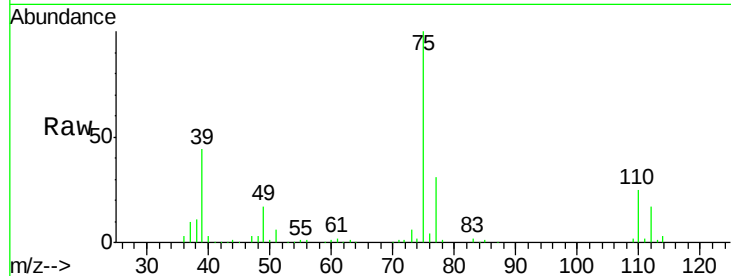
#53
t-1,3-Dichloropropene
Concen: 21.28 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003595.D
Acq: 23 Jul 2018 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD01

Tot Ion: 75 Resp: 95838
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.2

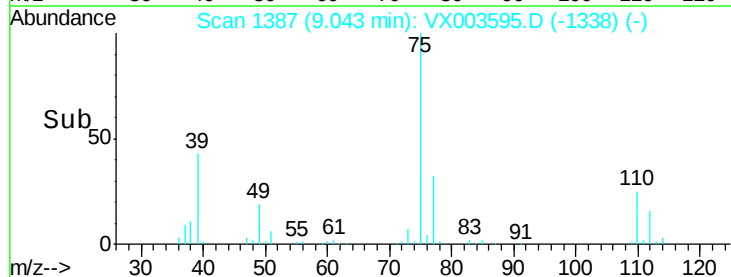
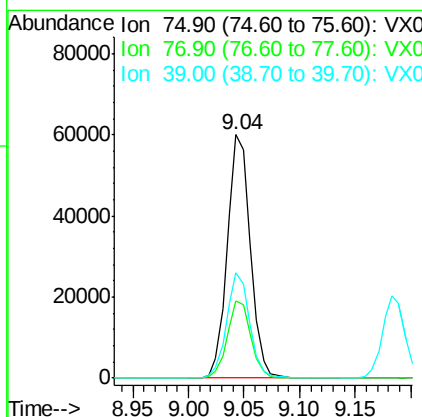
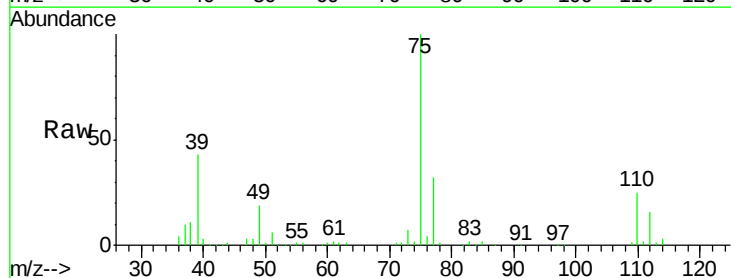
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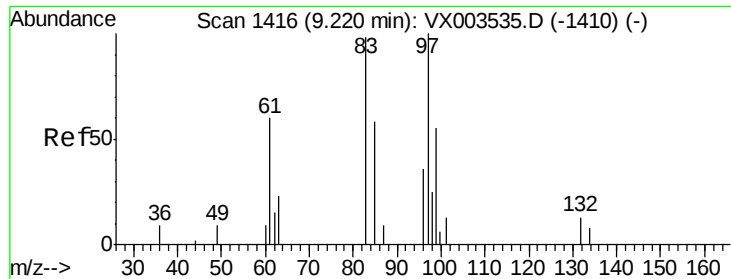
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#54
cis-1,3-Dichloropropene
Concen: 21.22 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX003595.D
Acq: 23 Jul 2018 11:10

Tgt Ion: 75 Resp: 85956
Ion Ratio Lower Upper
75 100
77 31.6 24.8 37.2
39 43.0 42.4 63.6





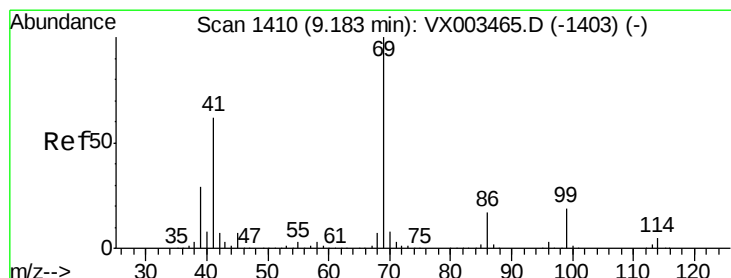
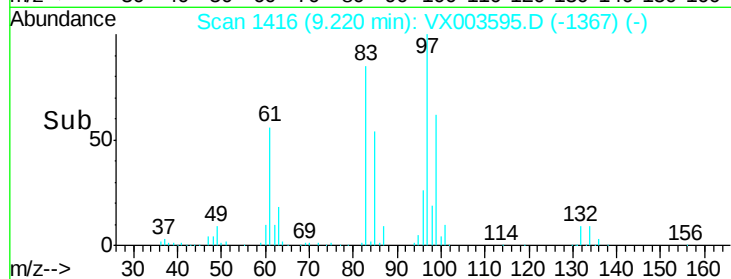
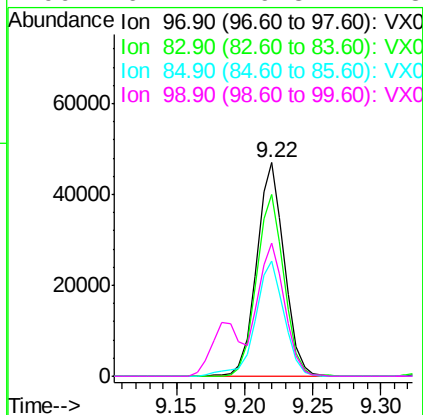
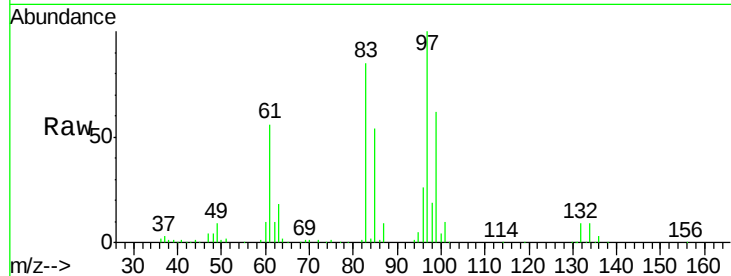
#55
 1,1,2-Trichloroethane
 Concen: 21.92 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003595.D
 Acq: 23 Jul 2018 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.3	70.2	105.2
85	54.0	44.9	67.3
99	62.2	49.8	74.8

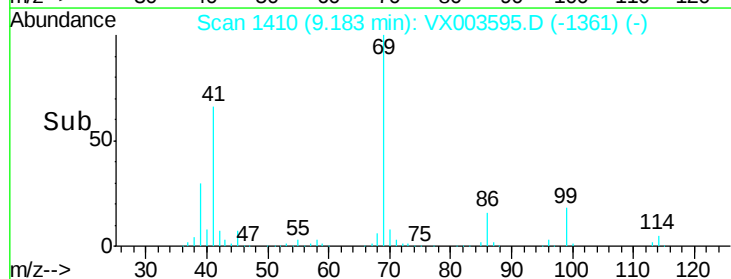
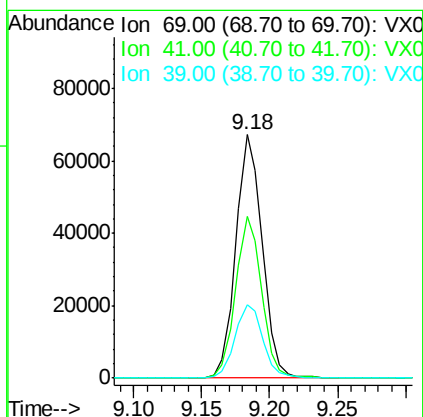
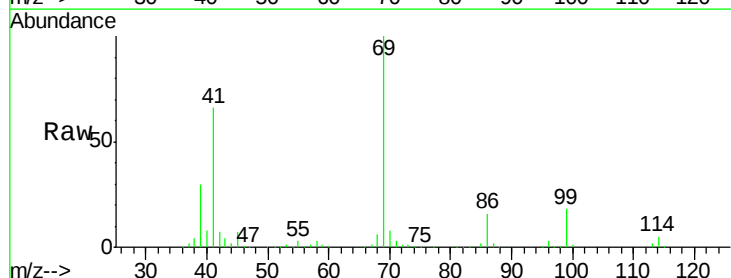
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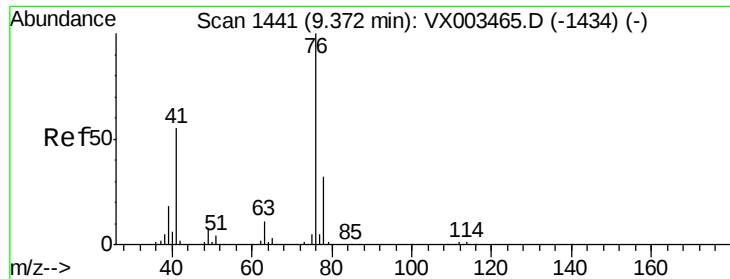
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#56
 Ethyl methacrylate
 Concen: 21.05 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003595.D
 Acq: 23 Jul 2018 11:10

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.9	60.3	90.5
39	32.1	35.8	53.8#





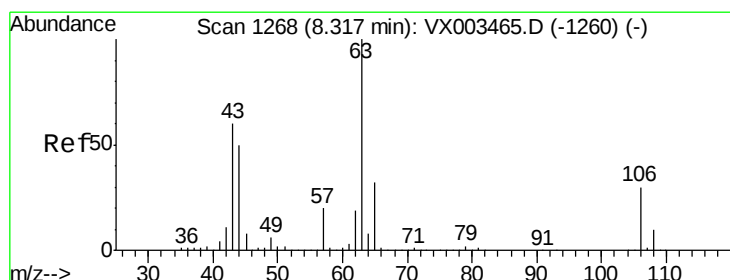
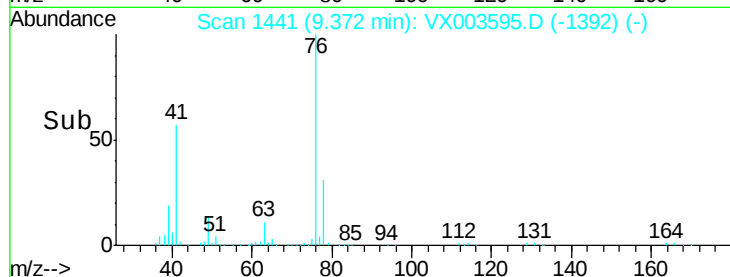
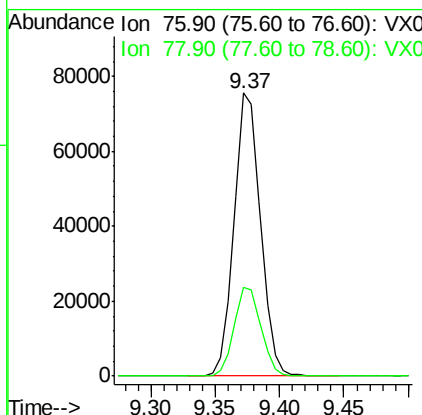
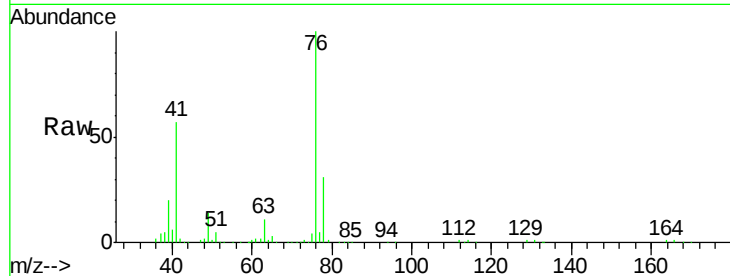
#57
 1,3-Dichloropropane
 Concen: 21.91 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX003595.D
 Acq: 23 Jul 2018 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD01

Tot Ion: 76 Resp: 108493
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.6

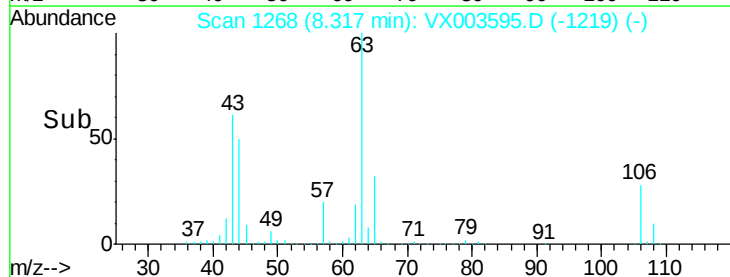
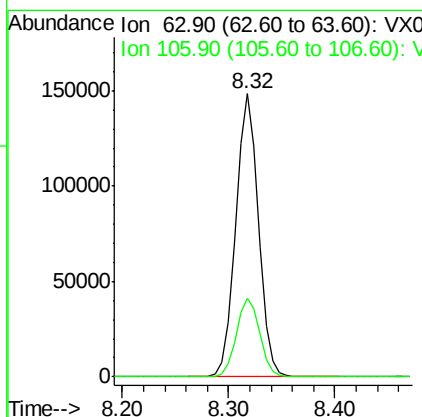
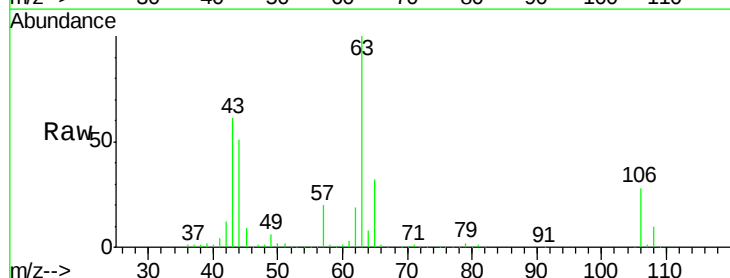
Manual Integrations
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 7/24/2018 12:37:27 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.13 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003595.D
 Acq: 23 Jul 2018 11:10

Tgt Ion: 63 Resp: 222619
 Ion Ratio Lower Upper
 63 100
 106 28.5 21.8 32.8





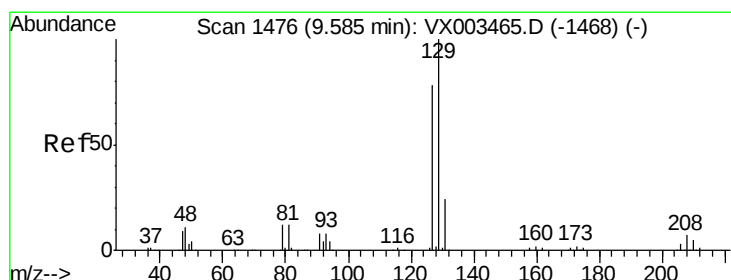
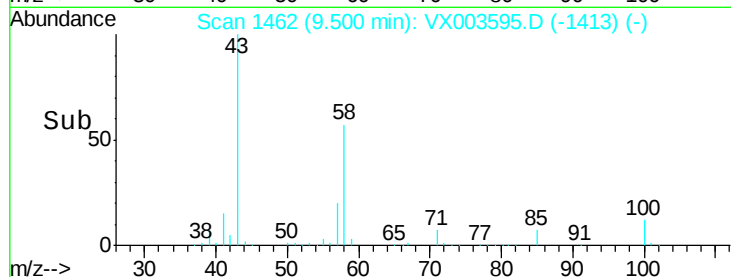
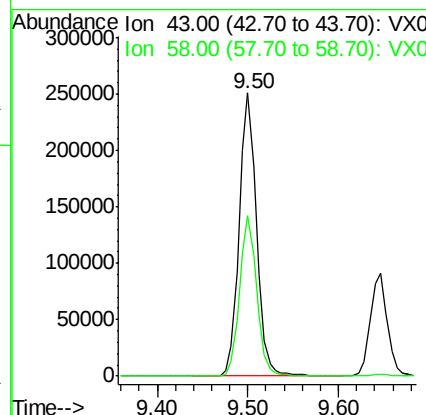
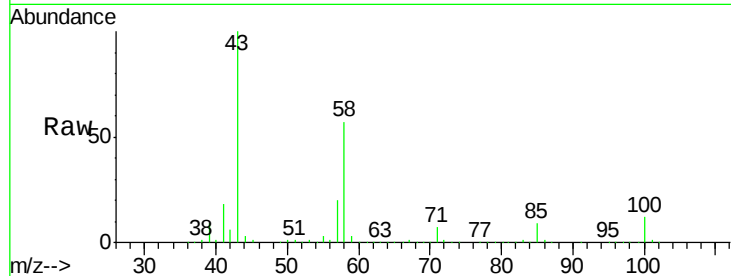
#59
2-Hexanone
Concen: 116.77 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003595.D
Acq: 23 Jul 2018 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.0	24.6	73.6

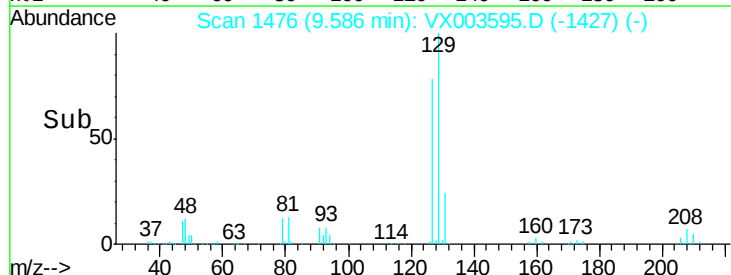
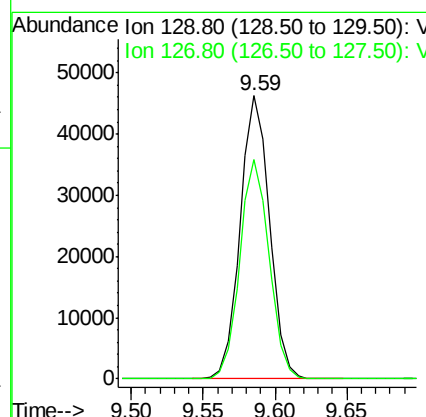
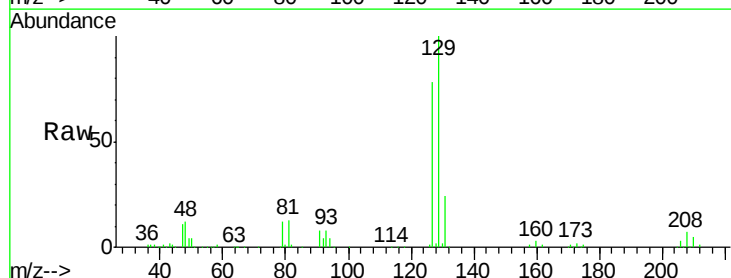
Manual Integrations
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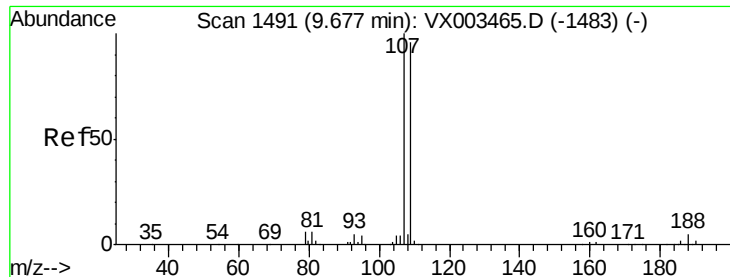
MMDadoda
7/24/2018 12:37:27 PM



#60
Dibromochloromethane
Concen: 21.63 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003595.D
Acq: 23 Jul 2018 11:10

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.4	38.5	115.3





#61

1,2-Dibromoethane

Concen: 21.69 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD01

Tot Ion:107 Resp: 68880

Ion Ratio Lower Upper

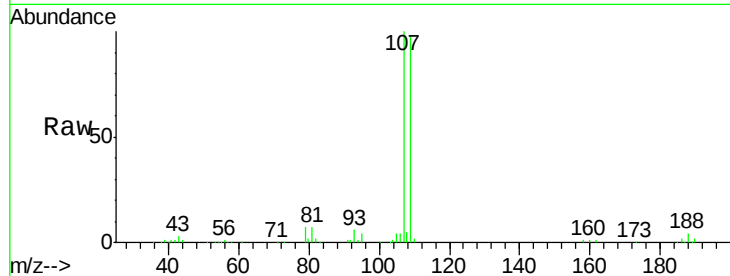
107 100

109 95.4 75.3 112.9

Manual Integrations
APPROVED

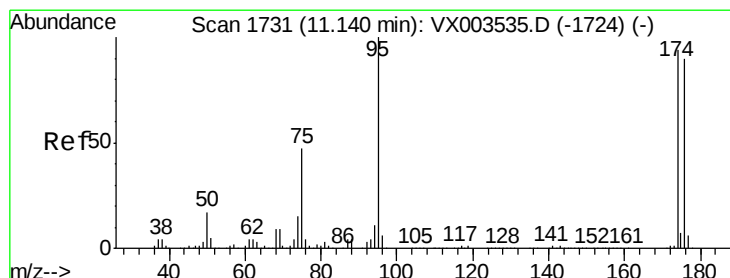
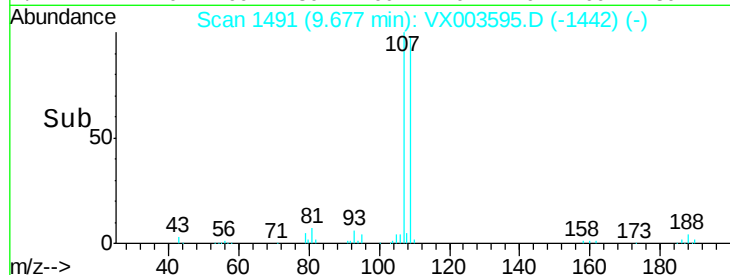
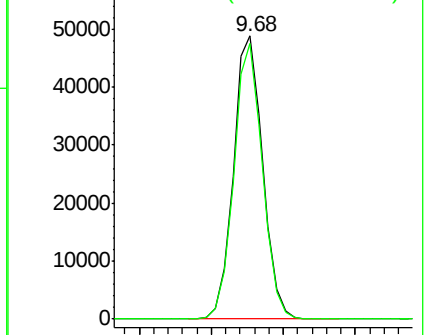
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.26 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

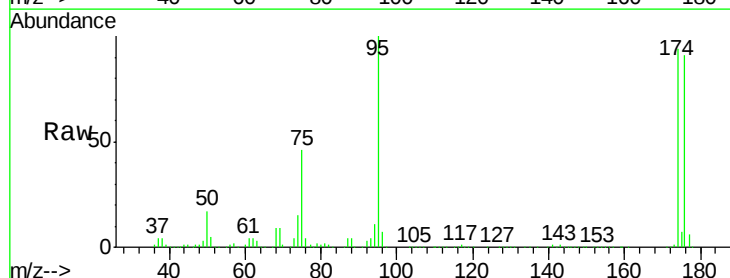
Tgt Ion: 95 Resp: 204793

Ion Ratio Lower Upper

95 100

174 96.4 0.0 187.4

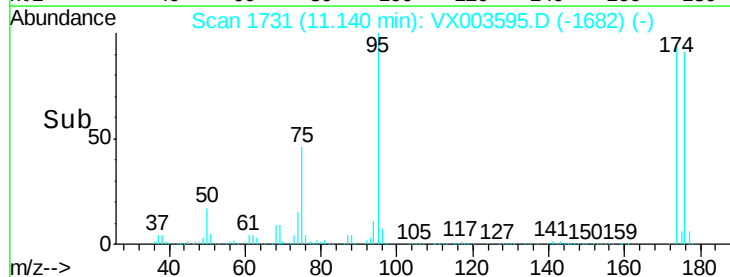
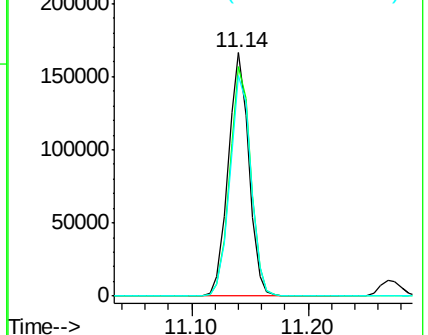
176 92.8 0.0 181.0

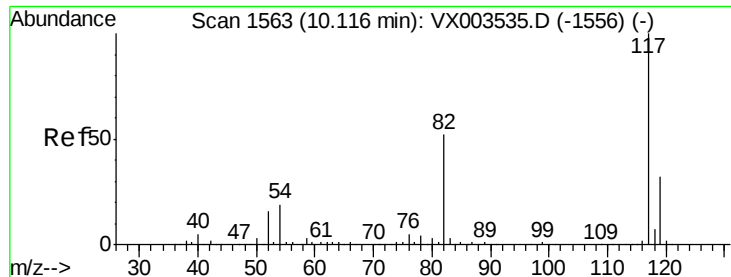


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





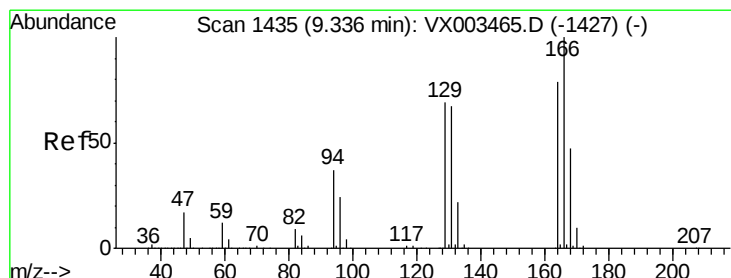
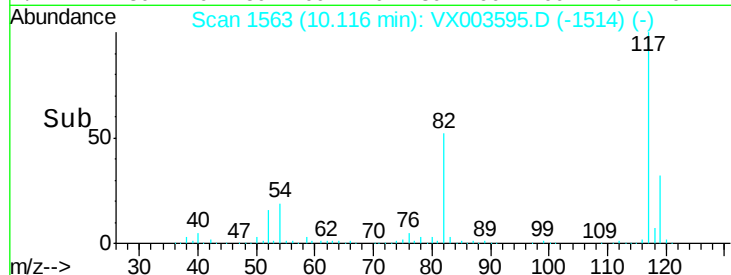
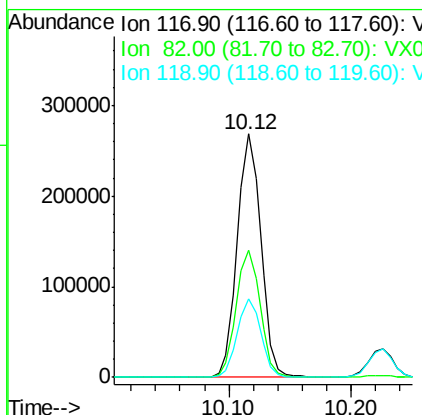
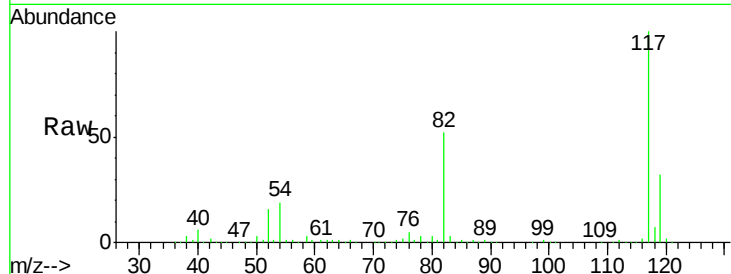
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003595.D
Acq: 23 Jul 2018 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	45.0	67.4
119	32.4	25.8	38.6

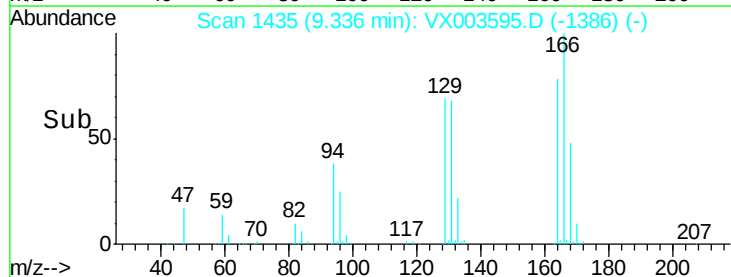
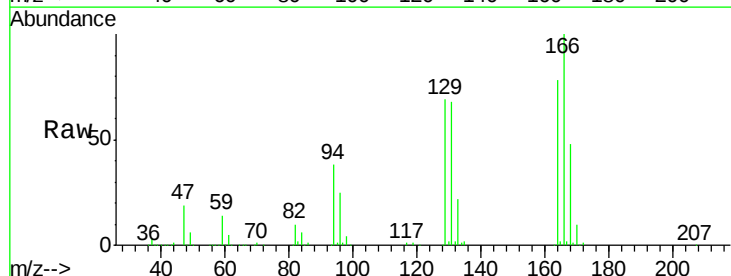
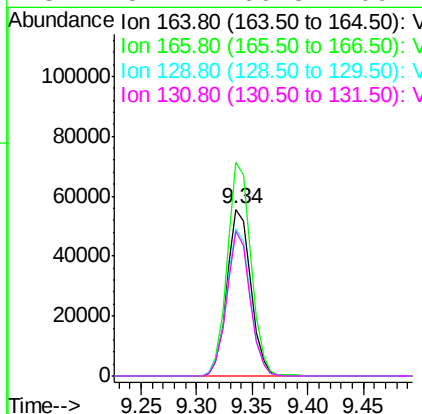
Manual Integrations
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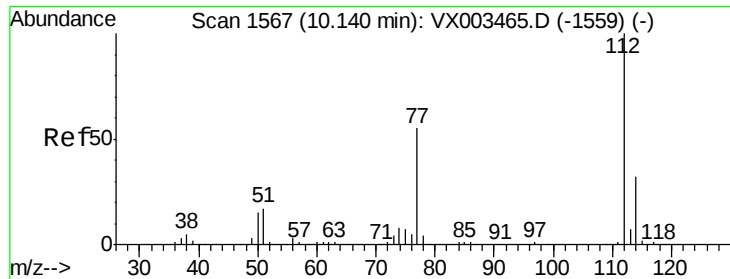
MMDadoda
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#64
Tetrachloroethene
Concen: 18.76 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003595.D
Acq: 23 Jul 2018 11:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.3	102.9	154.3
129	88.8	68.6	102.8
131	87.1	66.8	100.2





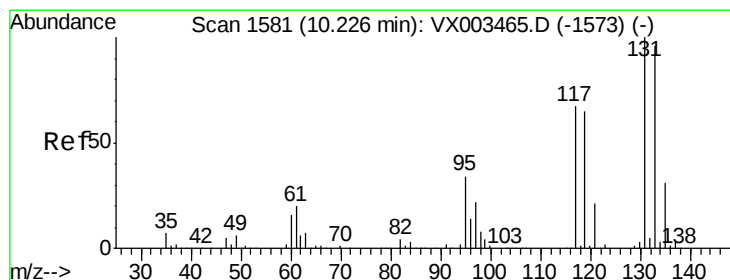
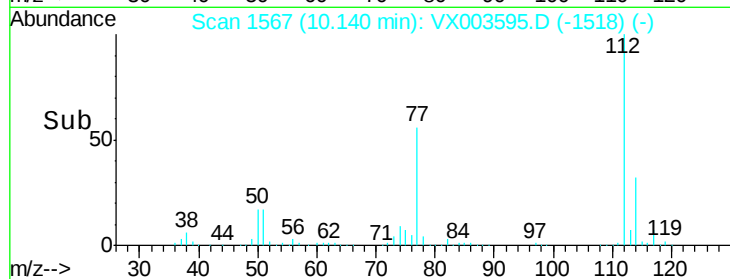
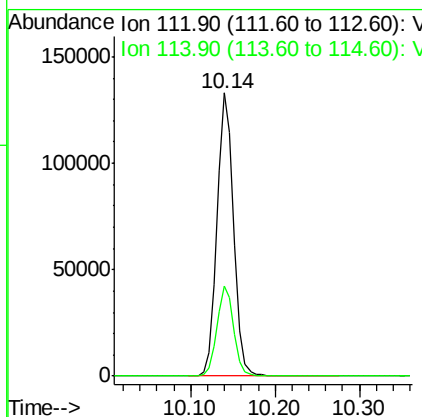
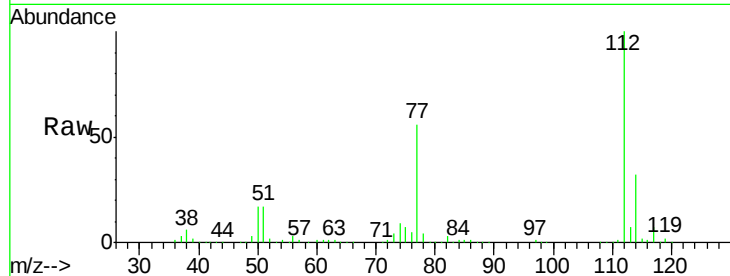
#65
Chlorobenzene
Concen: 19.58 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003595.D
Acq: 23 Jul 2018 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD01

Tot Ion:112 Resp: 181299
Ion Ratio Lower Upper
112 100
114 31.8 25.3 37.9

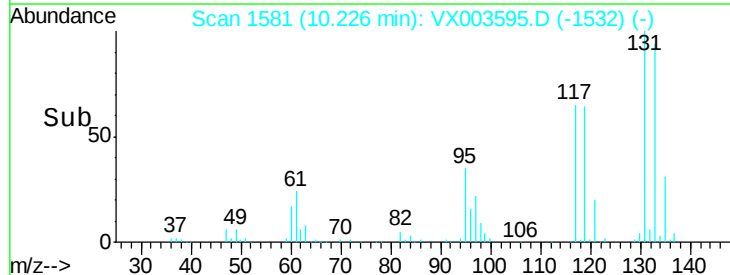
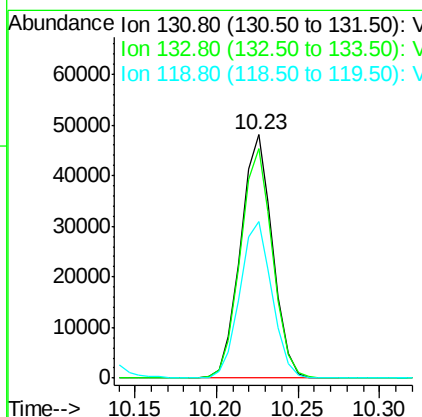
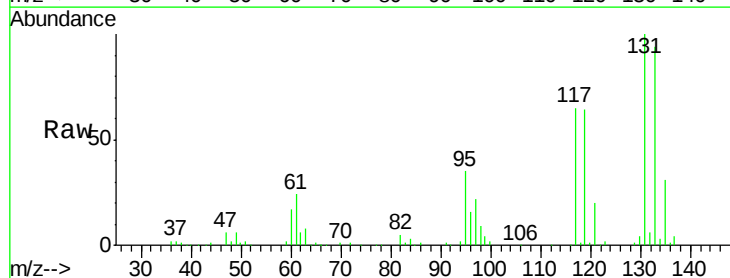
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.51 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003595.D
Acq: 23 Jul 2018 11:10

Tgt Ion:131 Resp: 65327
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.6
119 65.0 31.8 95.3





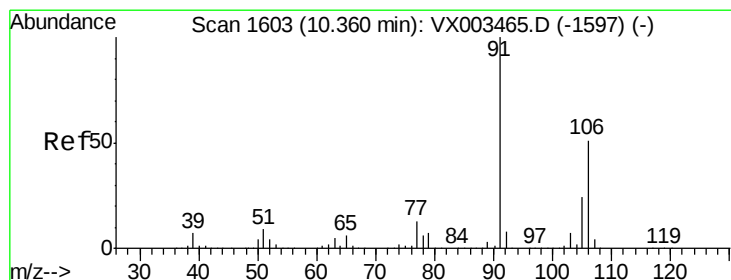
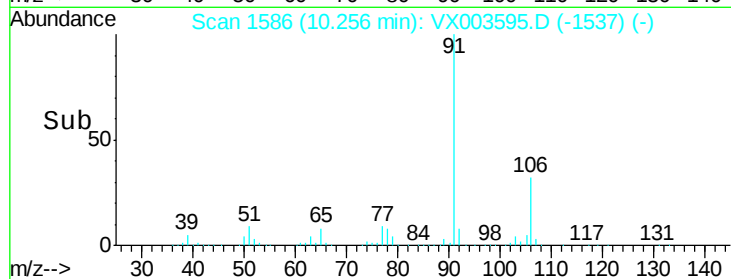
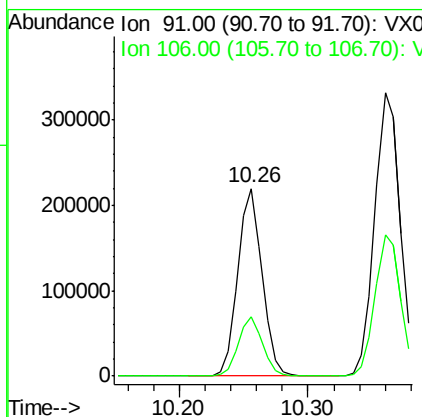
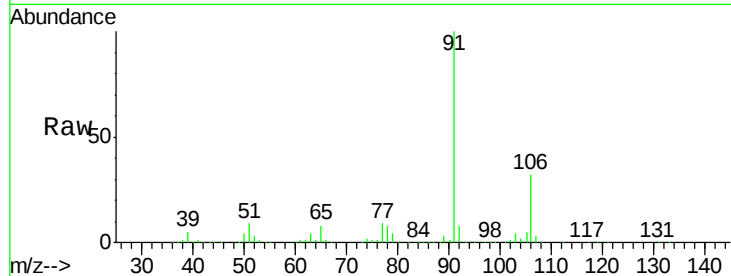
#67
Ethyl Benzene
Concen: 19.34 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003595.D
Acq: 23 Jul 2018 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD01

Tot Ion: 91 Resp: 287934
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3

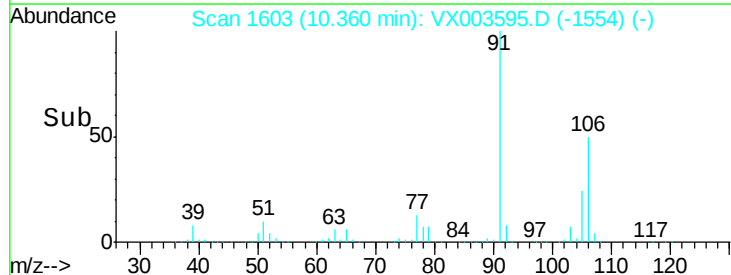
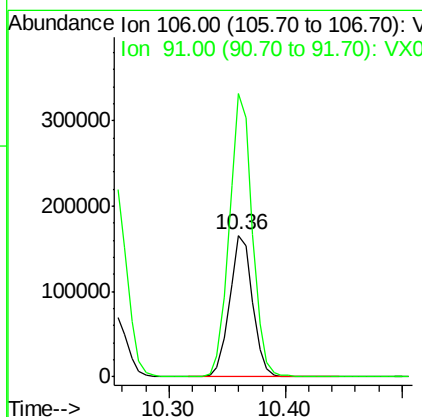
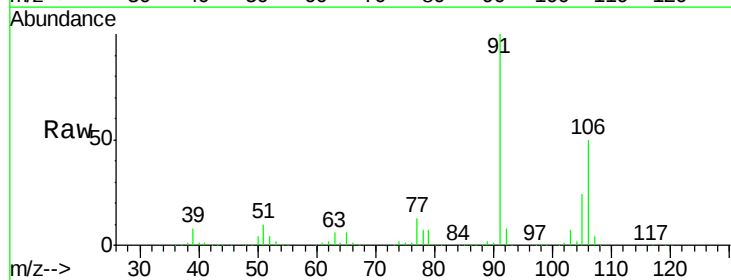
Manual Integrations
APPROVED

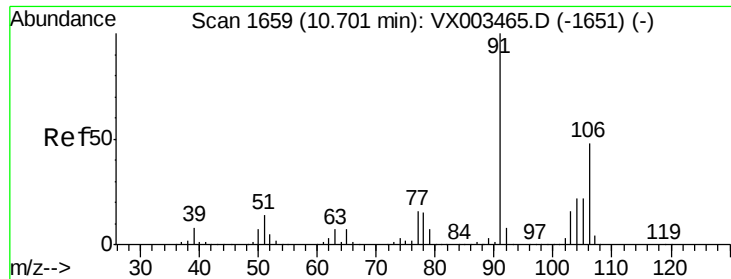
MMDadoda
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#68
m/p-Xylenes
Concen: 38.97 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003595.D
Acq: 23 Jul 2018 11:10

Tgt Ion: 106 Resp: 227458
Ion Ratio Lower Upper
106 100
91 199.5 163.4 245.2





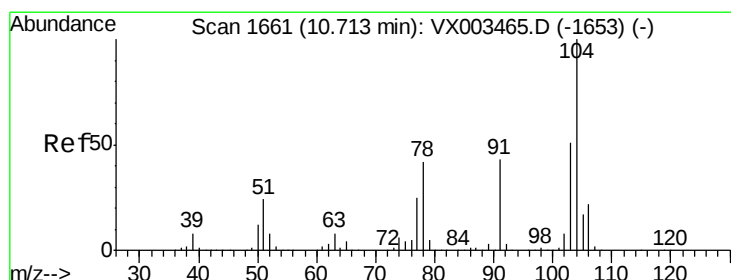
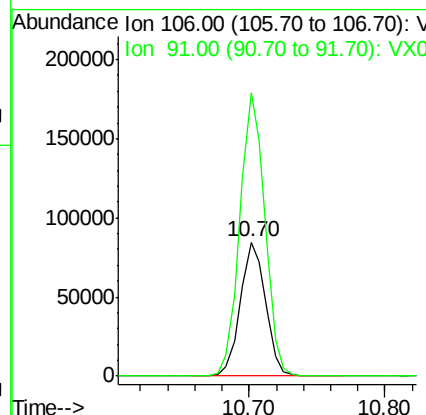
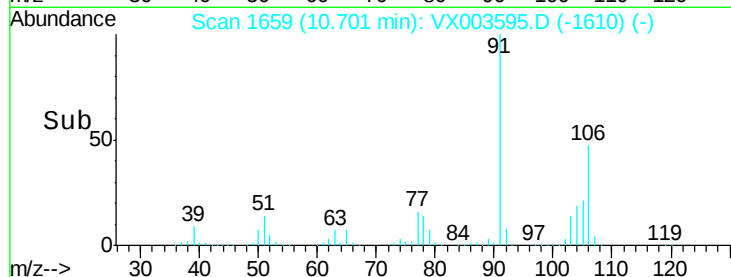
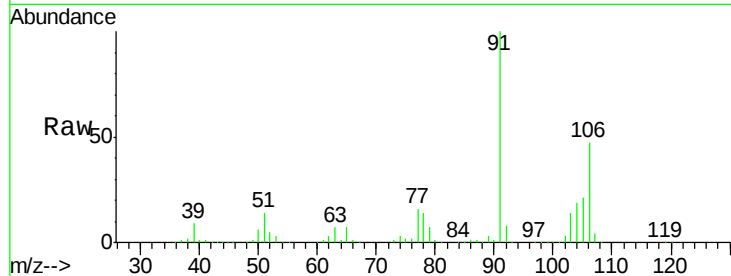
#69
o-Xylene
Concen: 19.36 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003595.D
Acq: 23 Jul 2018 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD01

Tot Ion:106 Resp: 109248
Ion Ratio Lower Upper
106 100
91 210.7 108.2 324.6

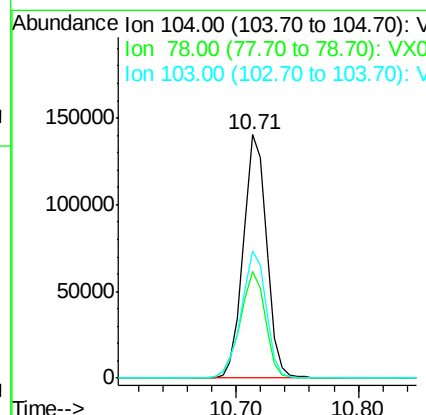
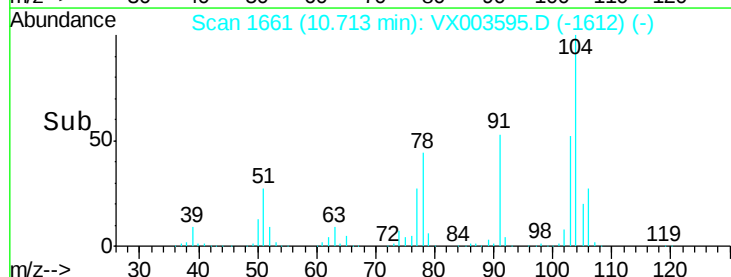
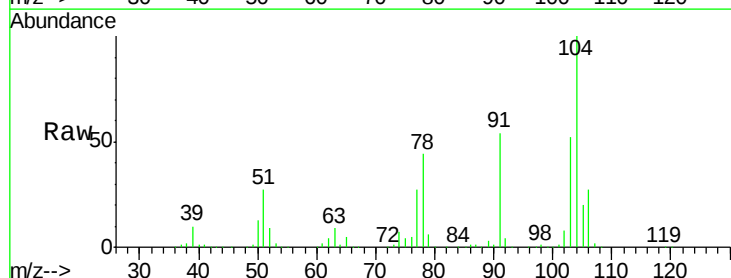
Manual Integrations
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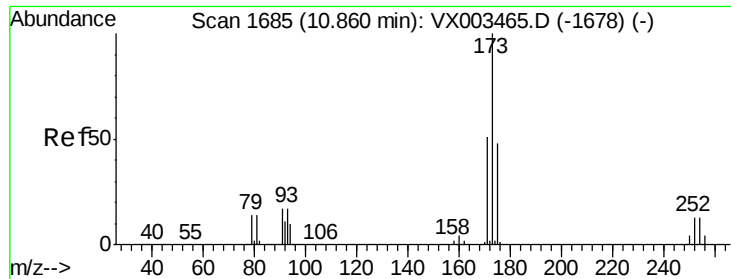
MMDadoda
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#70
Styrene
Concen: 19.88 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003595.D
Acq: 23 Jul 2018 11:10

Tgt Ion:104 Resp: 184572
Ion Ratio Lower Upper
104 100
78 47.8 41.0 61.6
103 55.8 44.2 66.4





#71

Bromoform

Concen: 20.50 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD01

Tot Ion:173 Resp: 50737

Ion Ratio Lower Upper

173 100

175 49.0 24.7 74.1

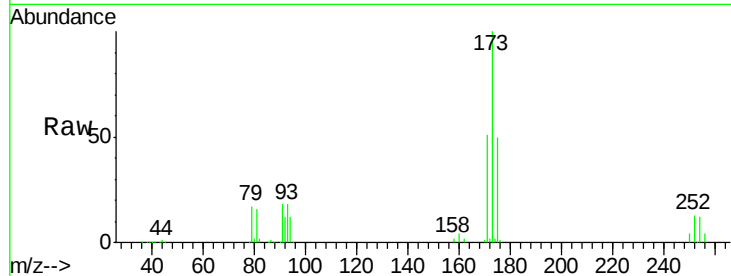
254 0.0 0.2 0.2#

Manual Integrations

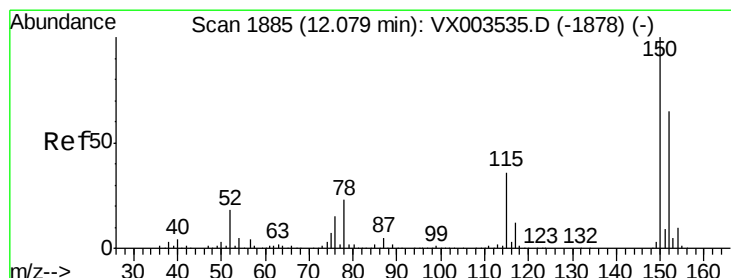
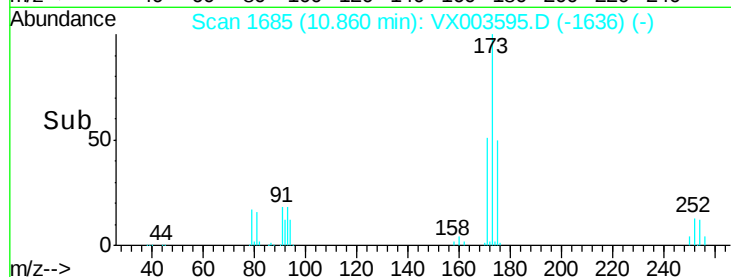
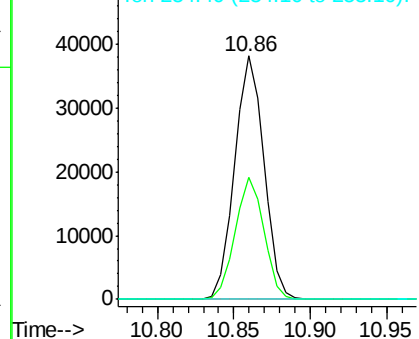
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

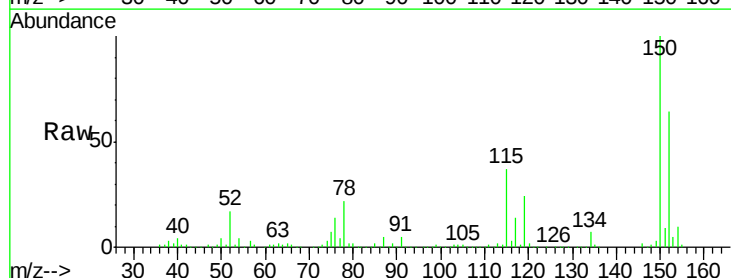
Tgt Ion:152 Resp: 218373

Ion Ratio Lower Upper

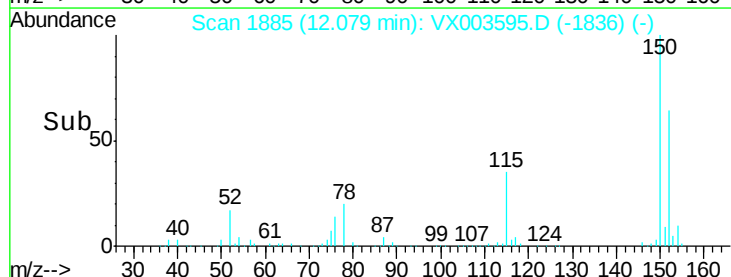
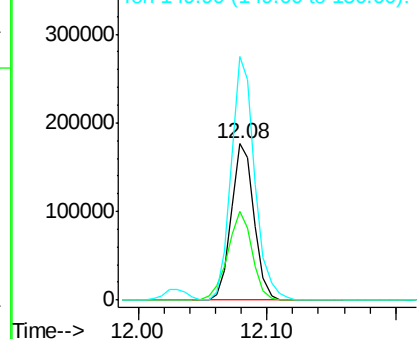
152 100

115 61.9 40.1 120.2

150 161.6 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: 19.47 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD01

Tot Ion:105 Resp: 294088

Ion Ratio Lower Upper

105 100

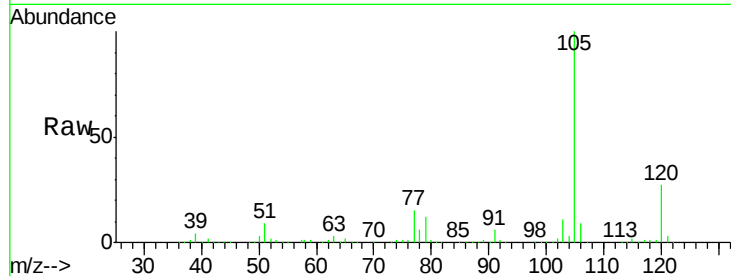
120 27.2 13.5 40.4

Manual Integrations

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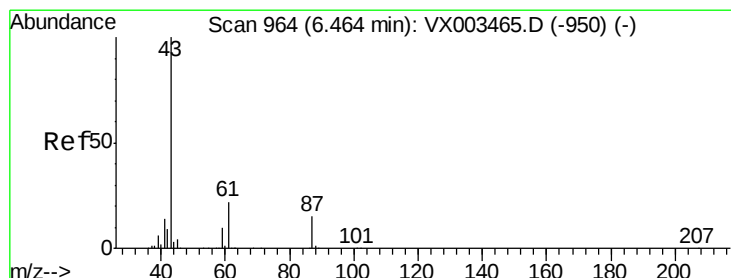
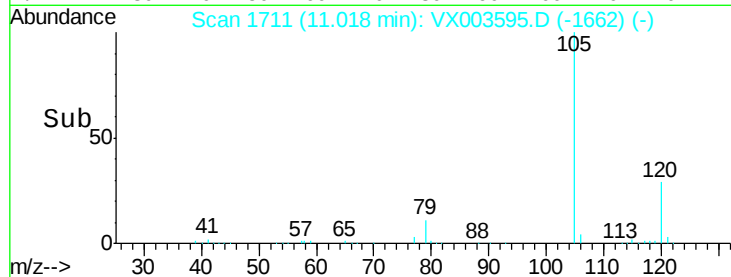
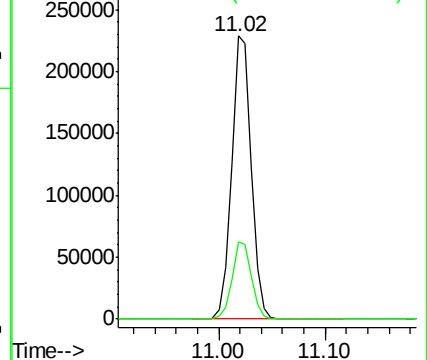
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.56 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

Tgt Ion: 43 Resp: 131869

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

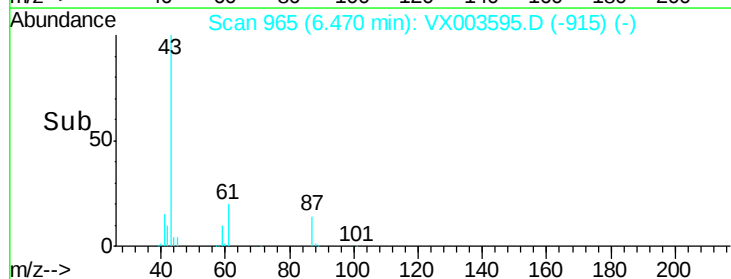
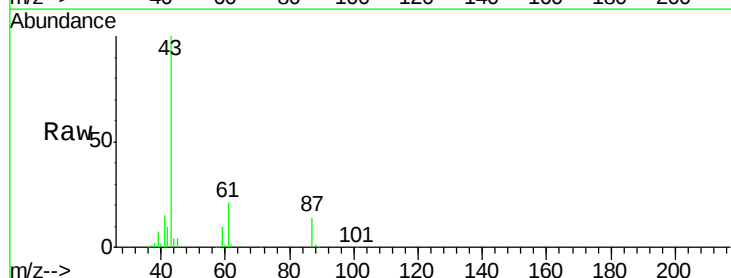
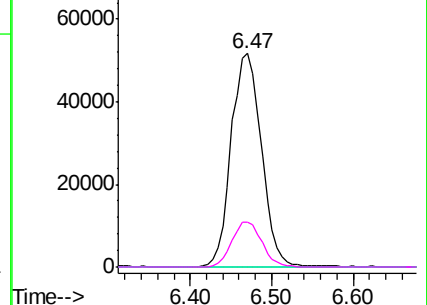
61 21.0 14.4 21.6

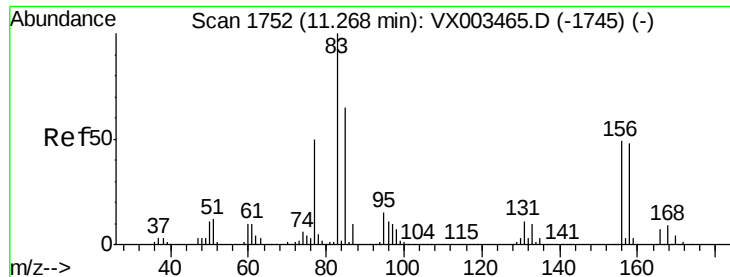
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.44 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

Instrument :

MSVOA_X

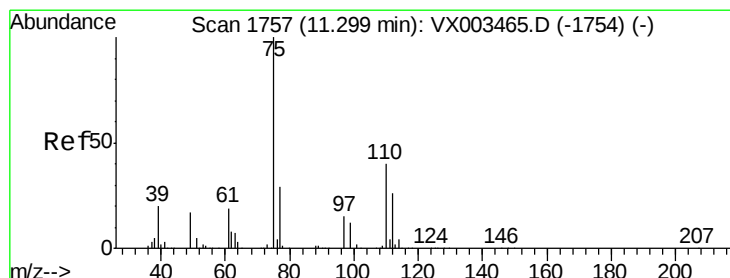
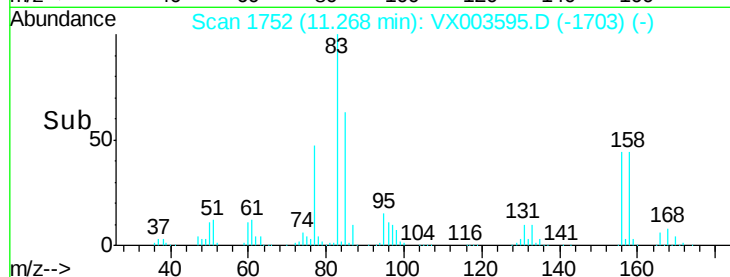
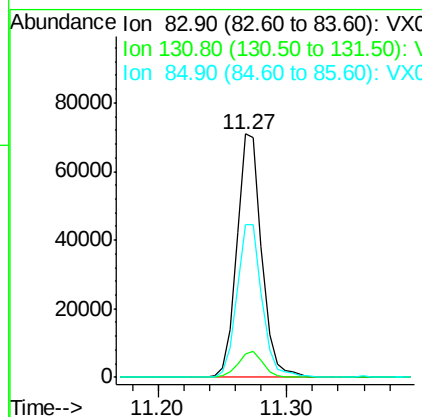
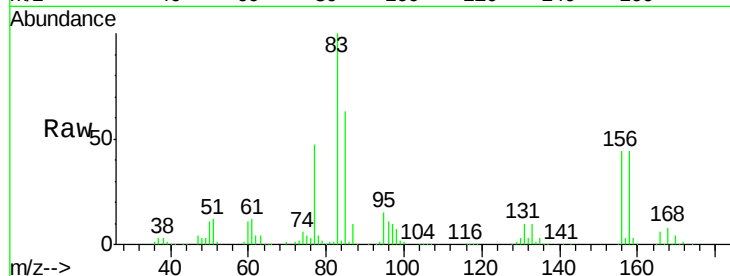
ClientSampleId :

VX0723WBSD01

Tot Ion:	83	Resp:	94893
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.6	16.8
85	63.6	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 21.98 ug/l m

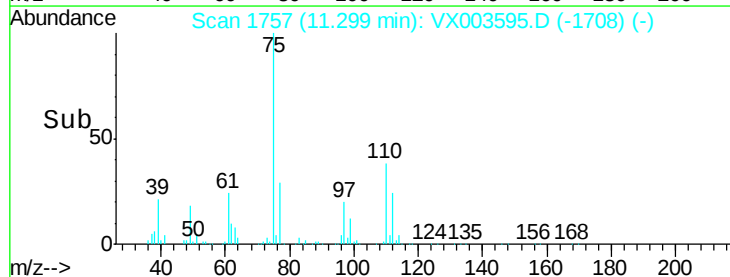
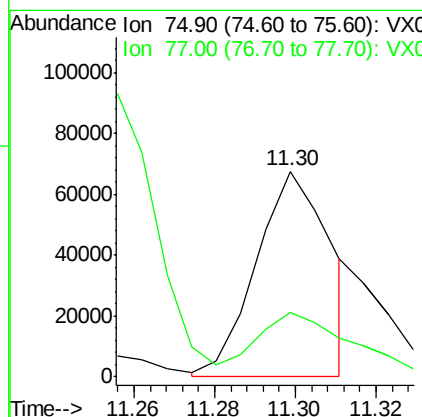
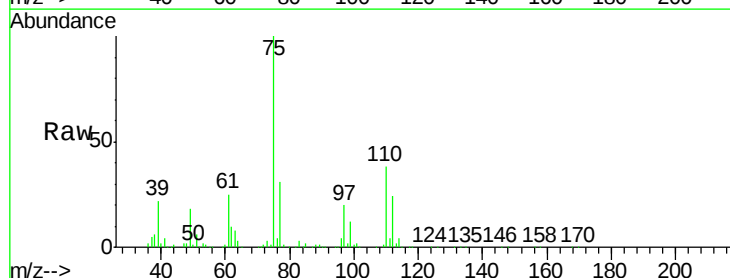
RT: 11.30 min Scan# 1757

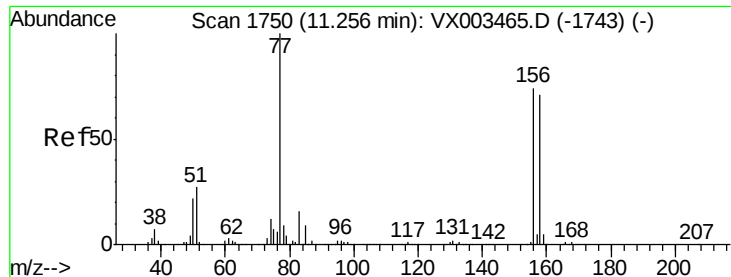
Delta R.T. 0.00 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

Tgt Ion:	75	Resp:	86219
Ion Ratio	Lower	Upper	
75	100		
77	40.6	22.8	68.3





#77

Bromobenzene

Concen: 19.61 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

Instrument :

MSVOA_X

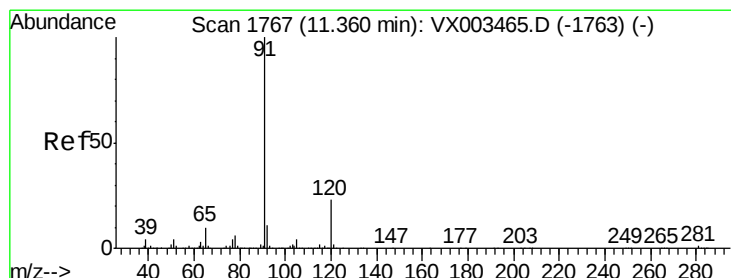
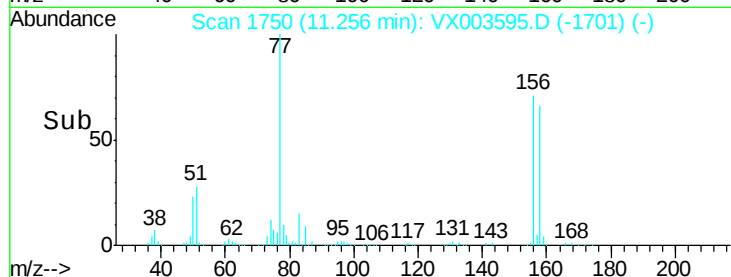
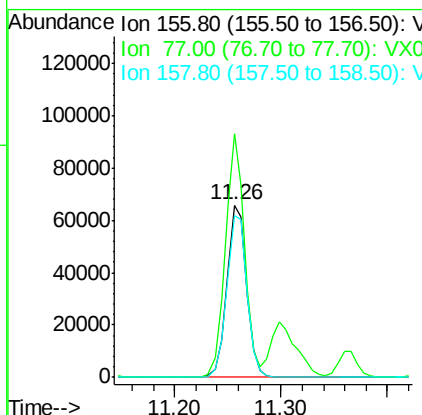
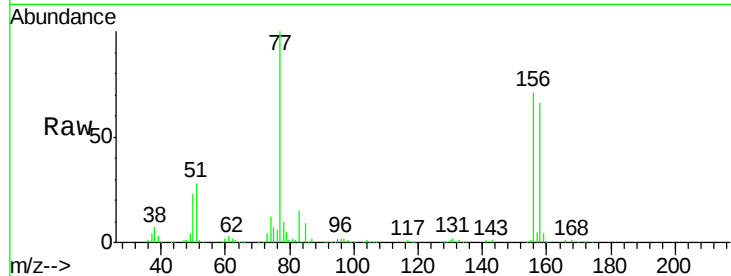
ClientSampleId :

VX0723WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	136.5	71.4	214.2	
158	96.5	48.9	146.6	

Manual Integrations
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#78

n-propylbenzene

Concen: 19.53 ug/l

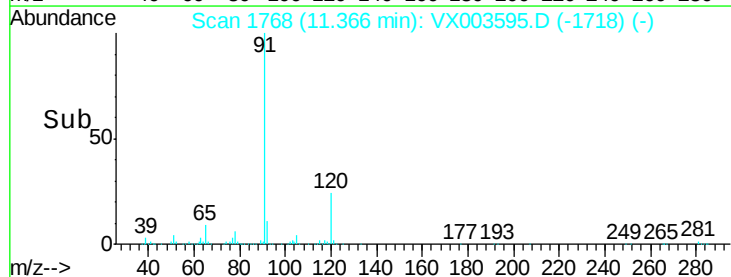
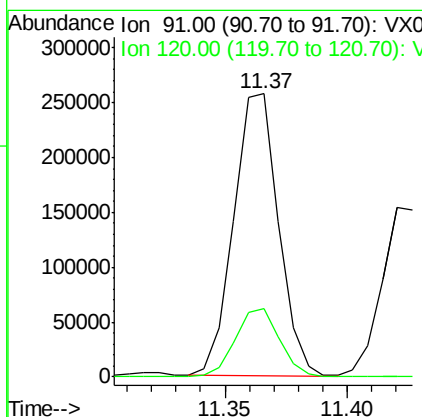
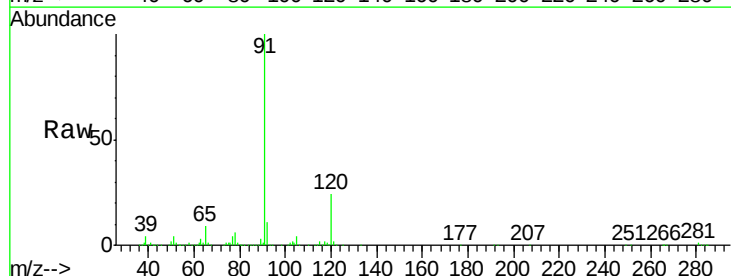
RT: 11.37 min Scan# 1768

Delta R.T. 0.01 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.9	11.8	35.4	





#79

2-Chlorotoluene

Concen: 19.67 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBSD01

Tot Ion: 91 Resp: 200484

Ion Ratio Lower Upper

91 100

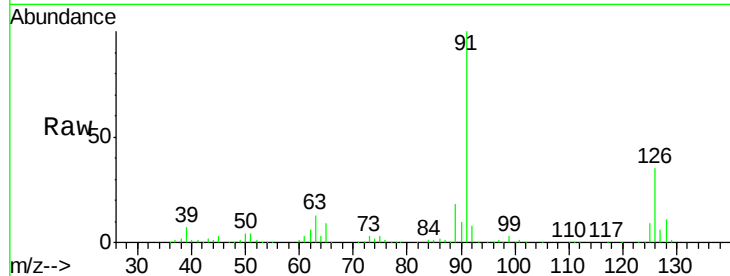
126 36.4 17.7 53.1

Manual Integrations

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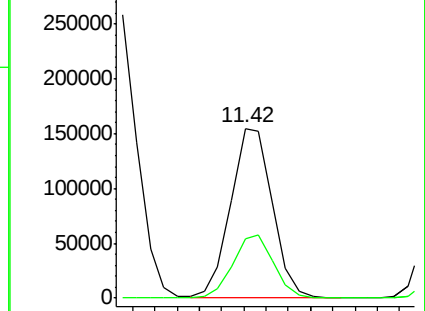
MMDadoda

7/24/2018 12:37:27 PM

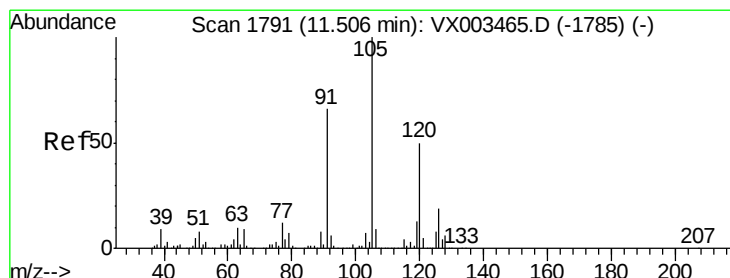
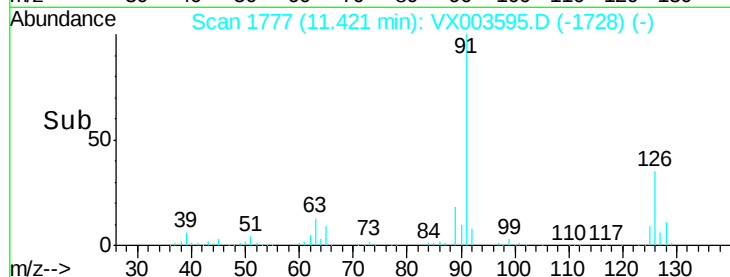


Abundance Ion 91.00 (90.70 to 91.70): VX003465.D (-1773) (-)

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



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.72 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX003595.D

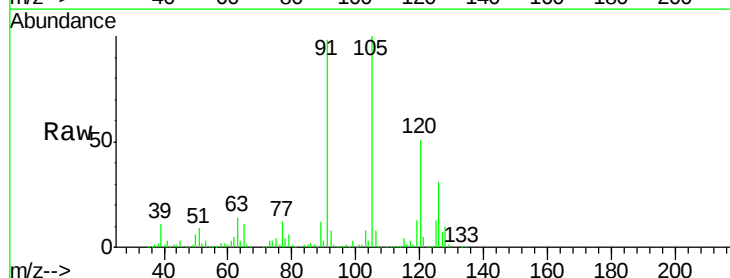
Acq: 23 Jul 2018 11:10

Tgt Ion: 105 Resp: 244715

Ion Ratio Lower Upper

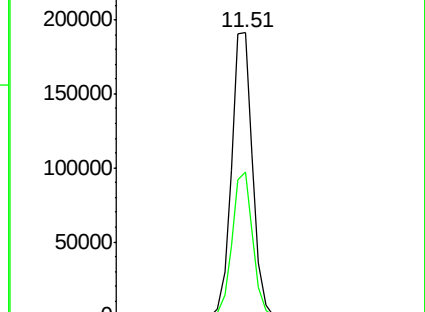
105 100

120 50.0 24.4 73.4

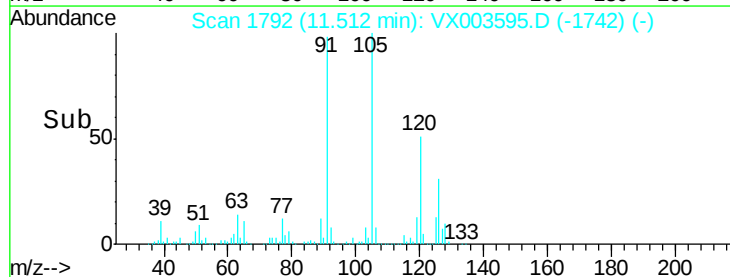


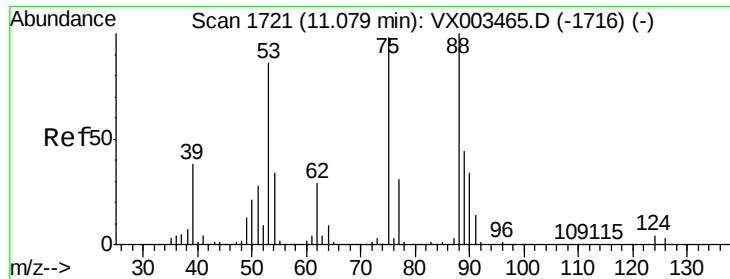
Abundance Ion 105.00 (104.70 to 105.70): VX003465.D (-1785) (-)

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



Time-->





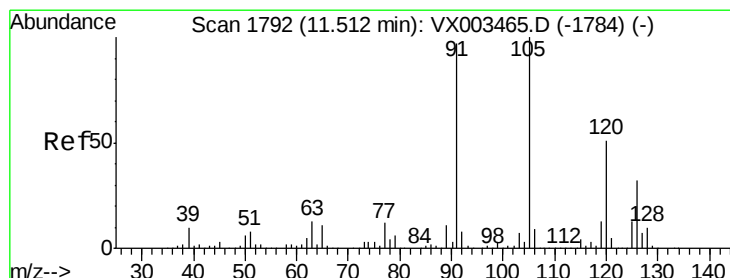
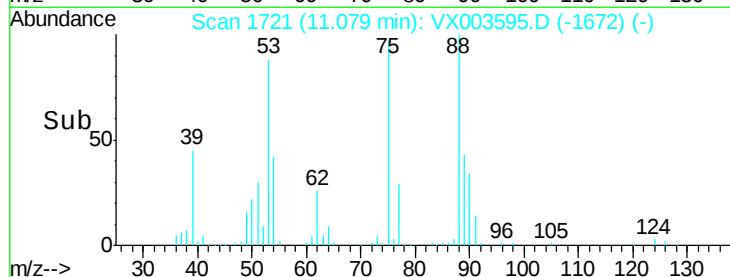
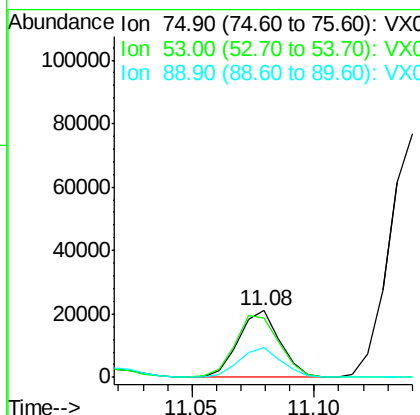
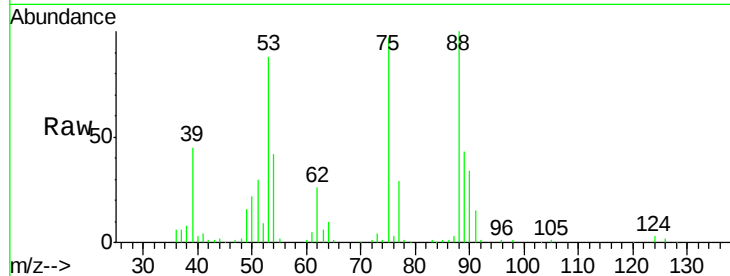
#81
trans-1,4-Dichloro-2-butene
Concen: 19.57 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003595.D
Acq: 23 Jul 2018 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.5	86.8	130.2
89	45.9	38.2	57.2

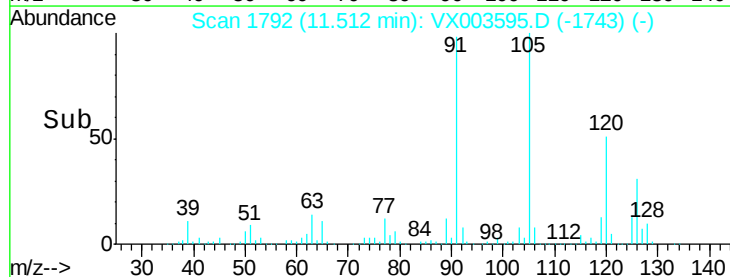
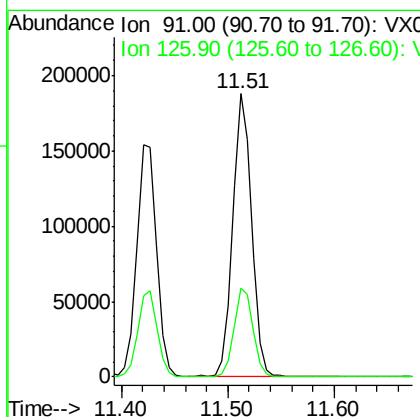
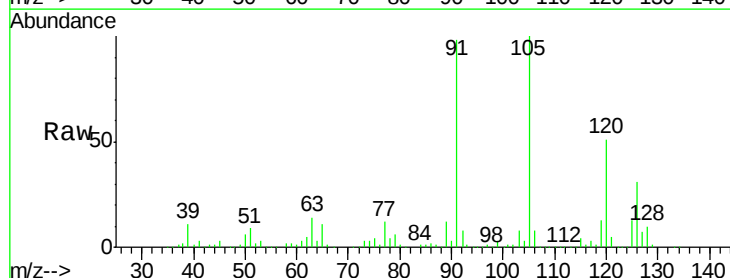
Manual Integrations
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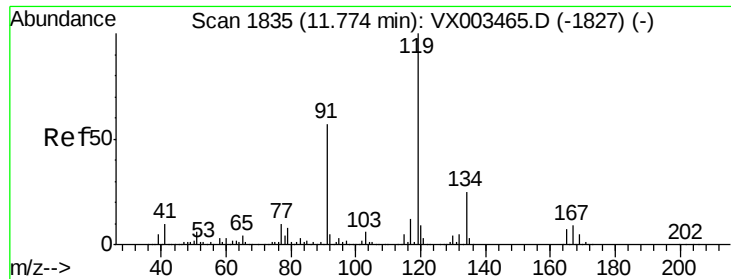
MMDadoda
7/24/2018 12:37:27 PM



#82
4-Chlorotoluene
Concen: 19.66 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003595.D
Acq: 23 Jul 2018 11:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.7	15.4	46.4





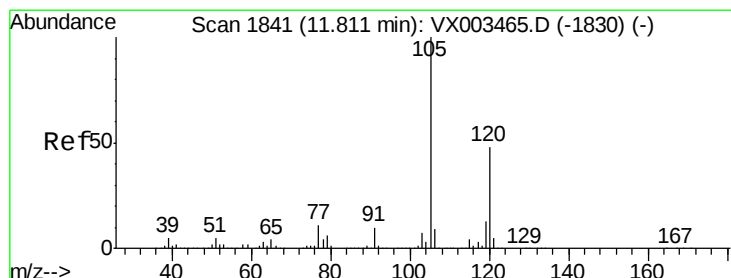
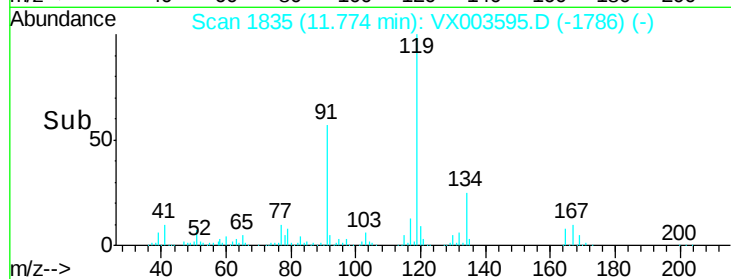
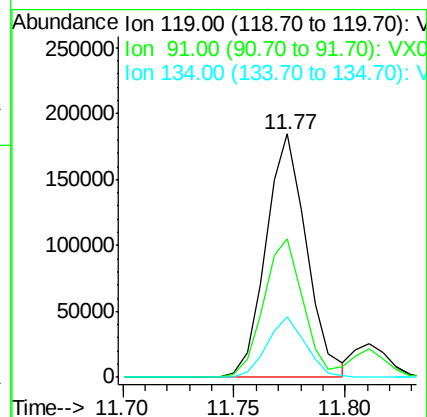
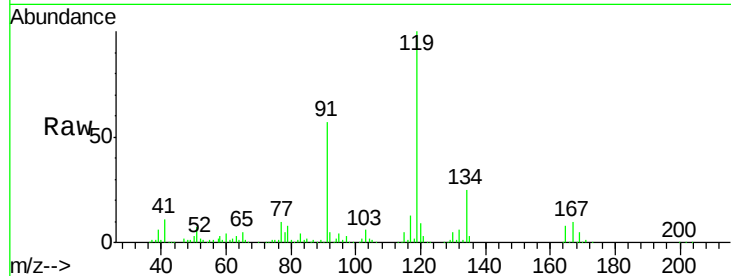
#83
 tert-Butylbenzene
 Concen: 19.25 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003595.D
 Acq: 23 Jul 2018 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.4	30.3	90.9
134	23.7	11.7	35.1

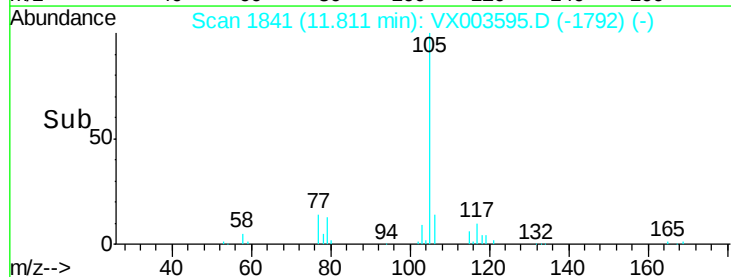
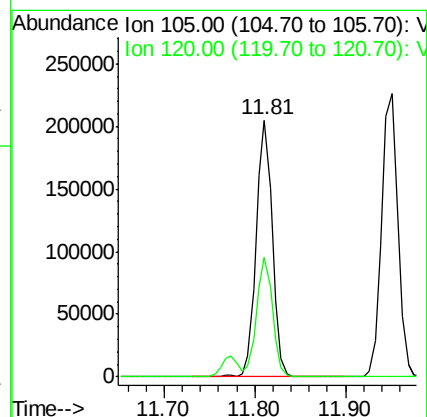
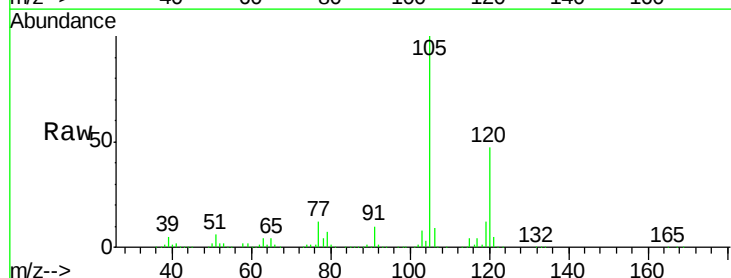
Manual Integrations
 APPROVED

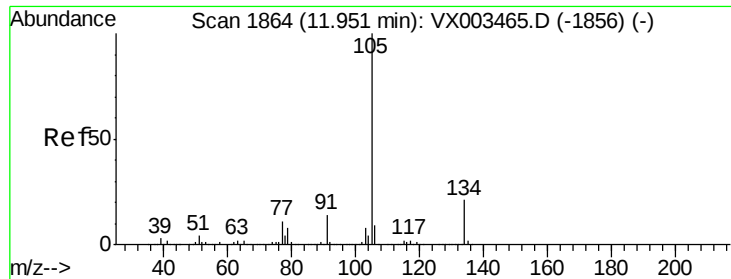
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.99 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003595.D
 Acq: 23 Jul 2018 11:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.3	66.8





#85

sec-Butylbenzene

Concen: 19.06 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

Instrument :

MSVOA_X

ClientSampleID :

VX0723WBSD01

Tot Ion:105 Resp: 281338

Ion Ratio Lower Upper

105 100

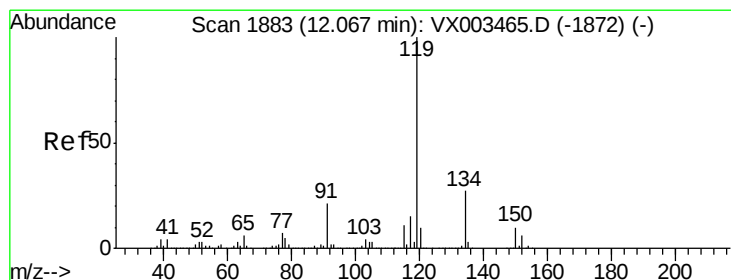
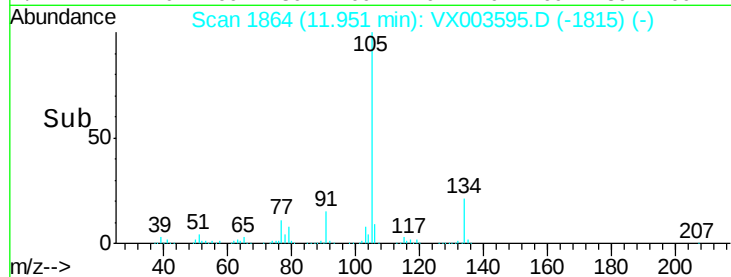
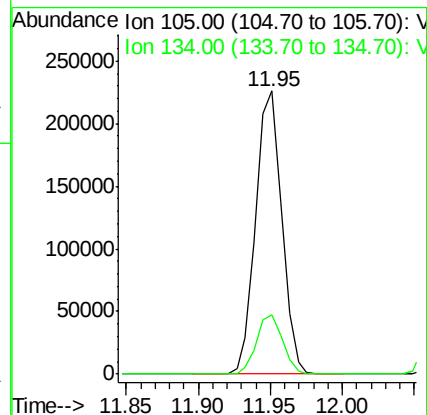
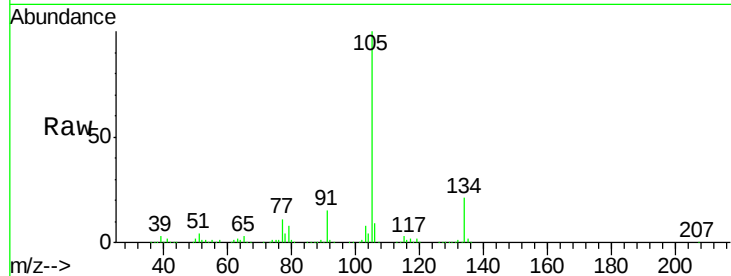
134 21.0 10.4 31.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 19.29 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

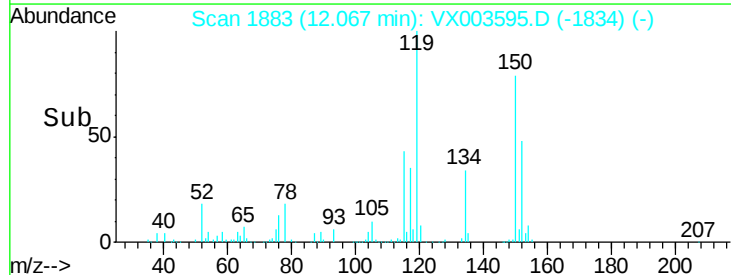
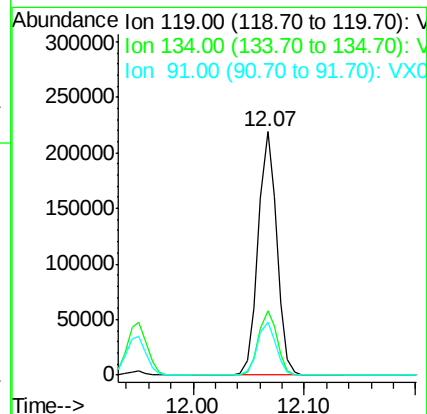
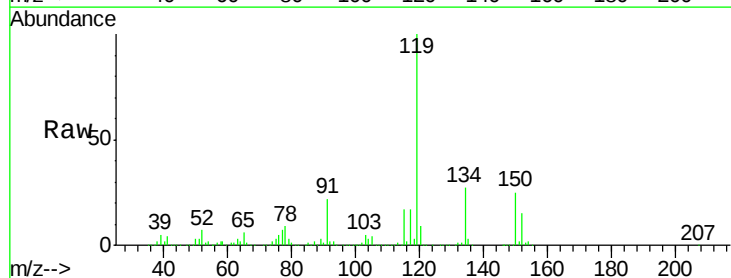
Tgt Ion:119 Resp: 255606

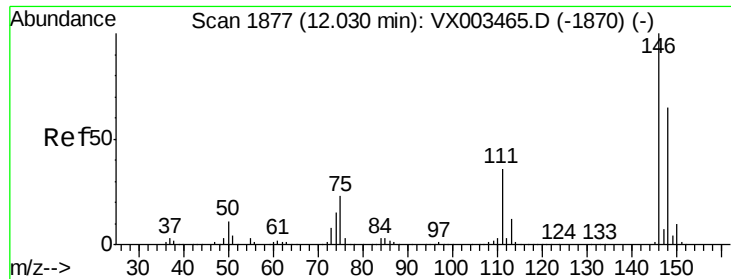
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

91 22.0 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 19.01 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

Instrument :

MSVOA_X

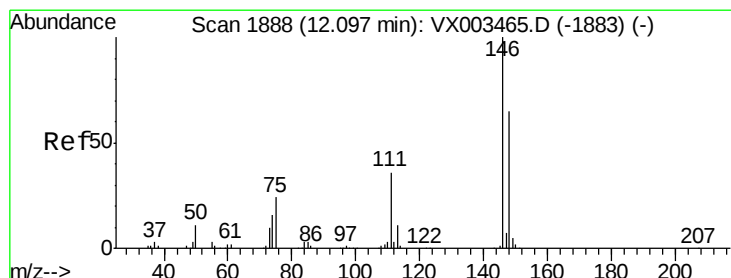
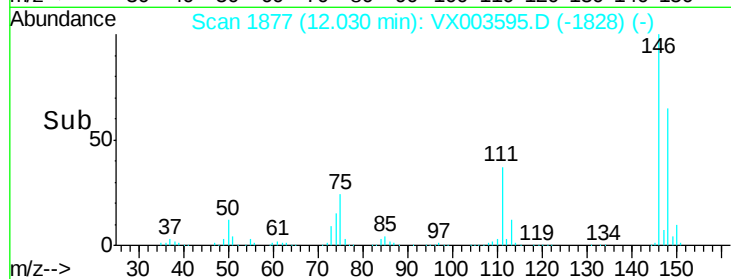
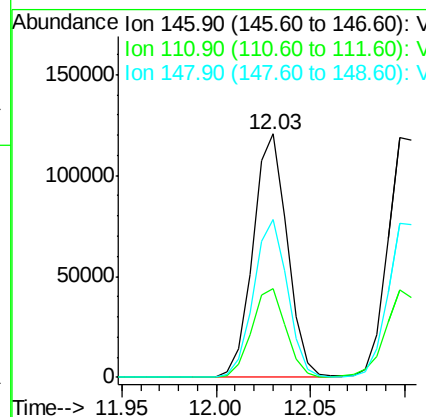
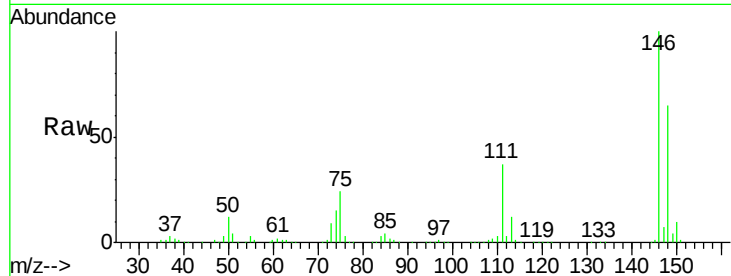
ClientSampleId :

VX0723WBSD01

Tot Ion:	146	Resp:	151826
Ion Ratio	Lower	Upper	
146	100		
111	36.5	18.9	56.7
148	63.9	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 18.69 ug/l

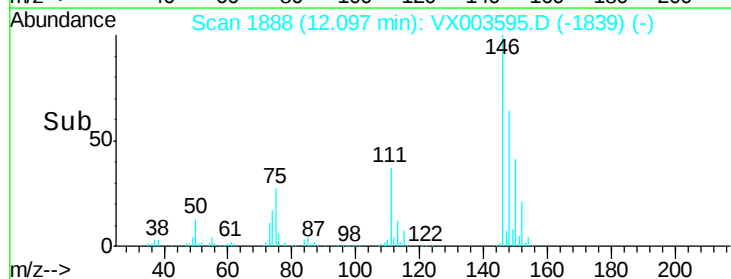
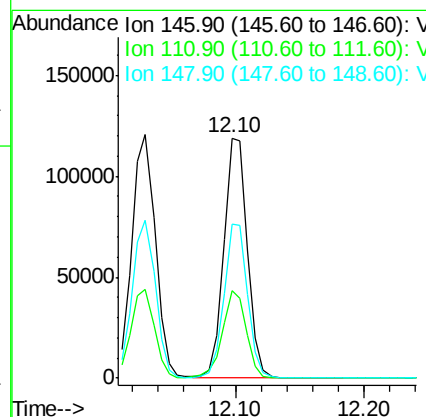
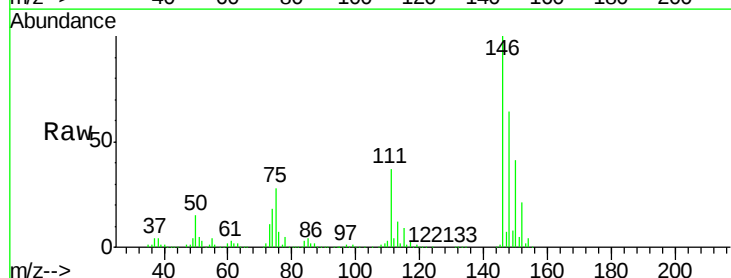
RT: 12.10 min Scan# 1888

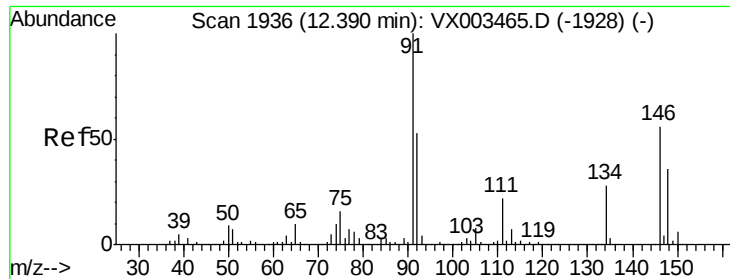
Delta R.T. 0.00 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

Tgt Ion:	146	Resp:	153698
Ion Ratio	Lower	Upper	
146	100		
111	36.7	18.7	56.1
148	64.4	32.4	97.0





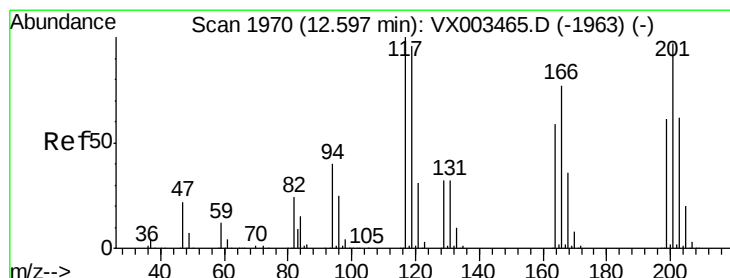
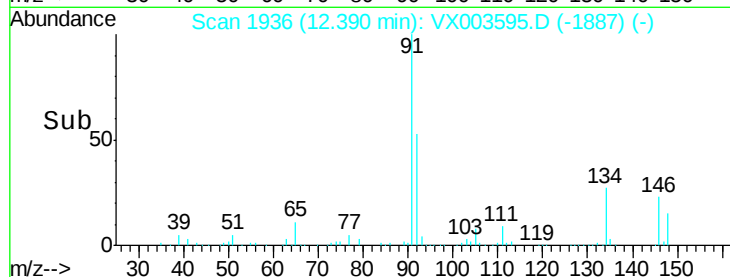
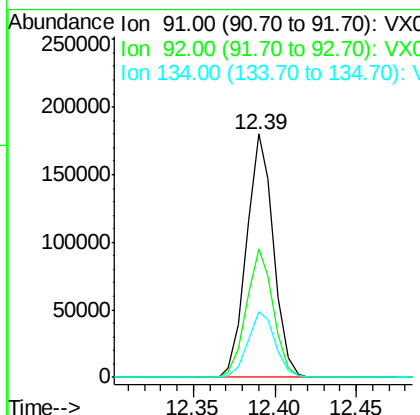
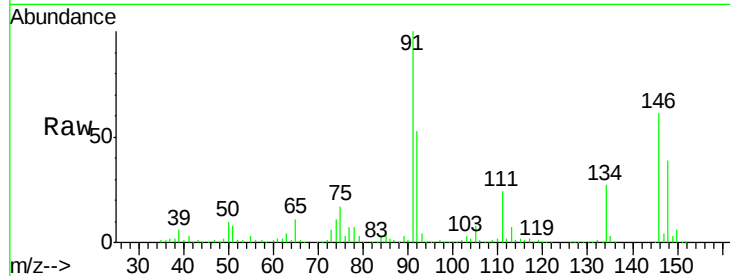
#89
n-Butylbenzene
Concen: 18.47 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003595.D
Acq: 23 Jul 2018 11:10

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.0	78.0
134	27.4	13.5	40.5

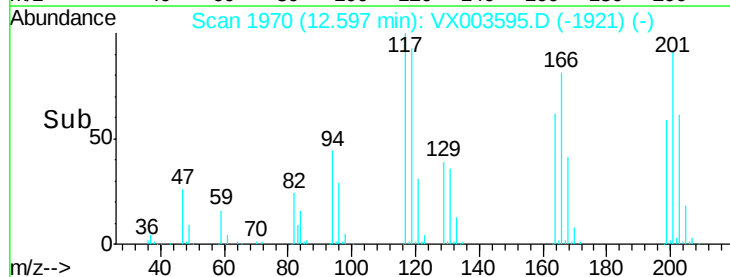
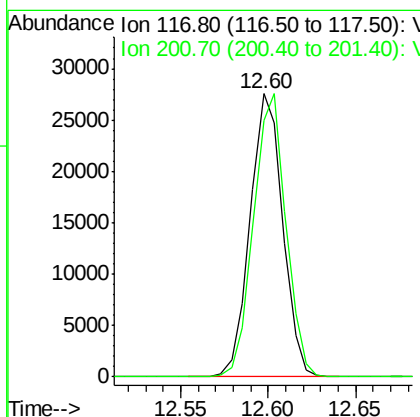
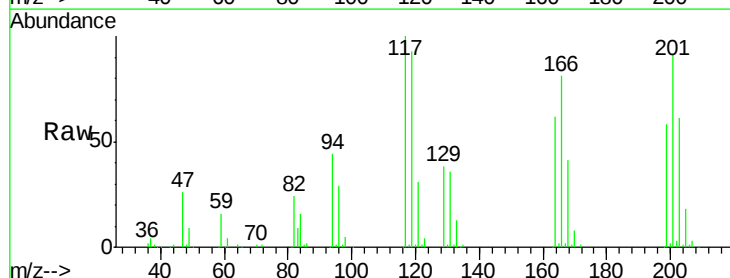
Manual Integrations
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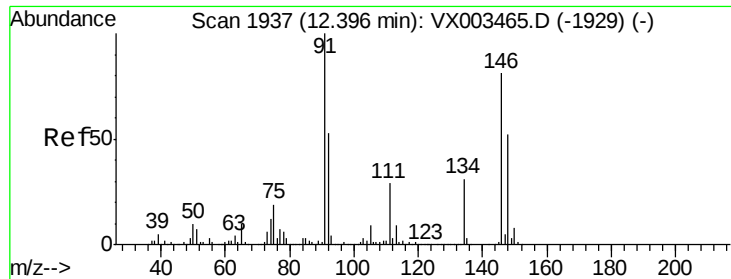
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#90
Hexachloroethane
Concen: 18.93 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003595.D
Acq: 23 Jul 2018 11:10

Tgt Ion	Ratio	Lower	Upper
117	100		
201	99.3	49.0	147.0





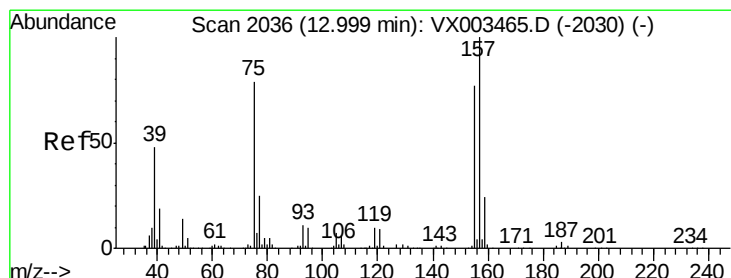
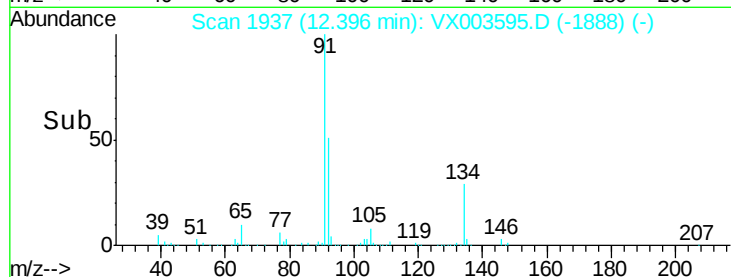
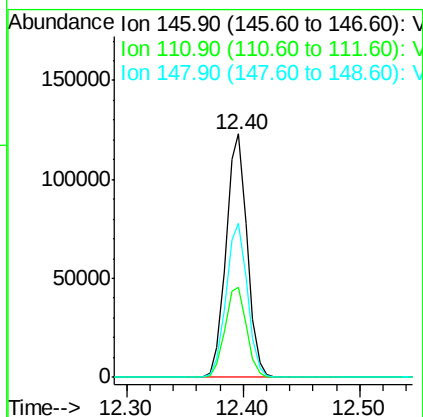
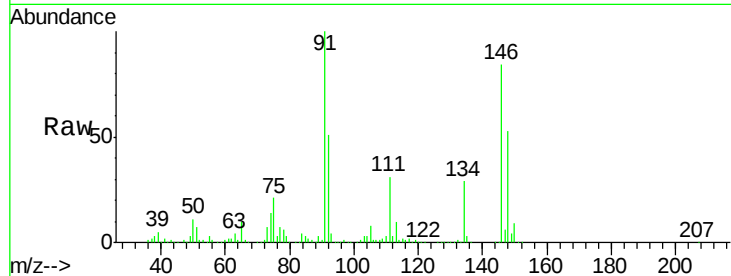
#91
 1,2-Dichlorobenzene
 Concen: 19.59 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003595.D
 Acq: 23 Jul 2018 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	154132		
111	37.8	19.4	58.1	
148	63.7	31.7	95.1	

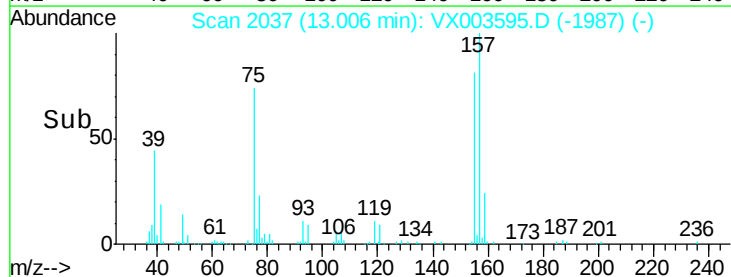
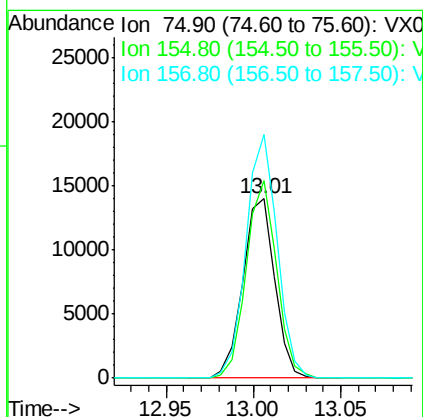
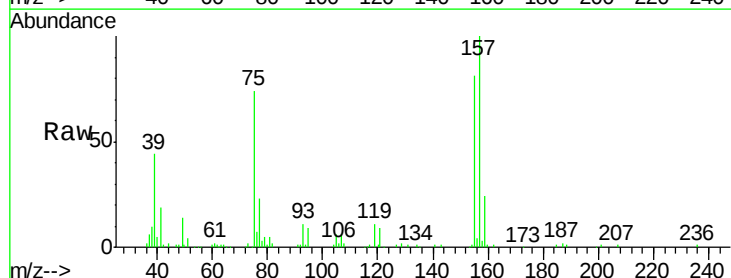
Manual Integrations
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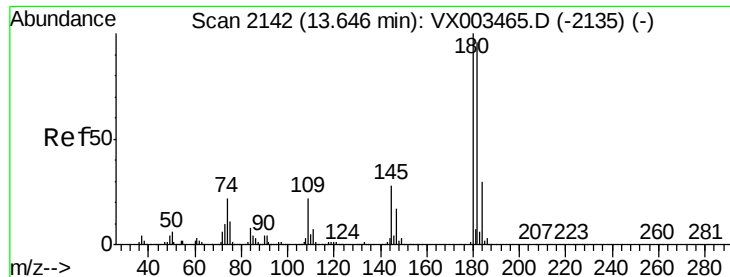
MMDadoda
 7/24/2018 12:37:27 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.73 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VX003595.D
 Acq: 23 Jul 2018 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	17857		
155	104.5	45.8	137.4	
157	132.0	60.1	180.3	





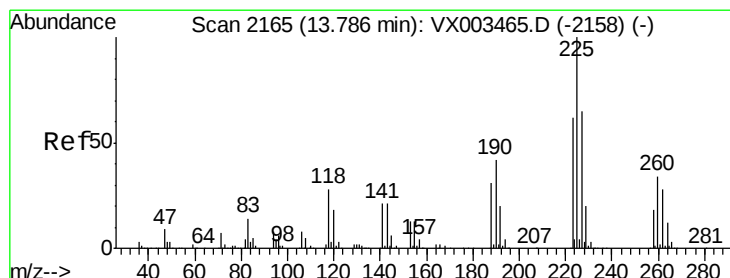
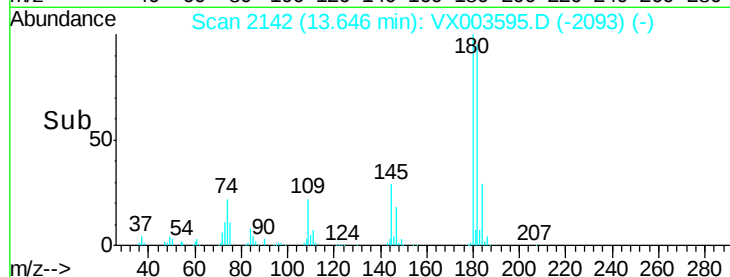
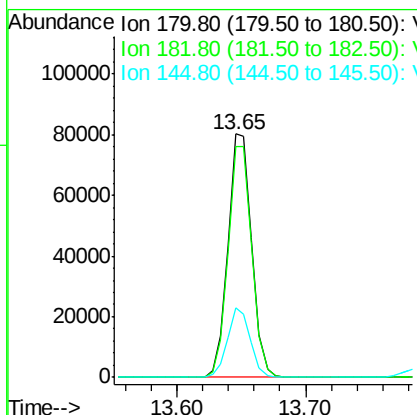
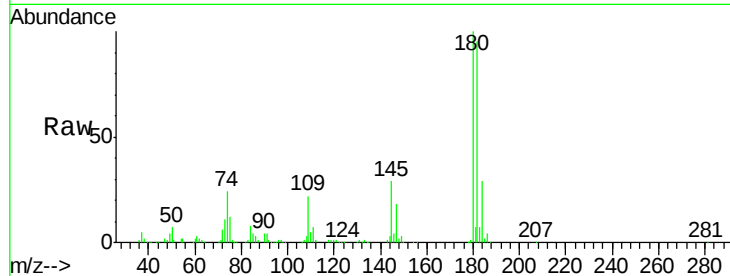
#93
 1,2,4-Trichlorobenzene
 Concen: 17.97 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003595.D
 Acq: 23 Jul 2018 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	103628		
182	95.5	47.7	143.1	
145	27.7	14.1	42.4	

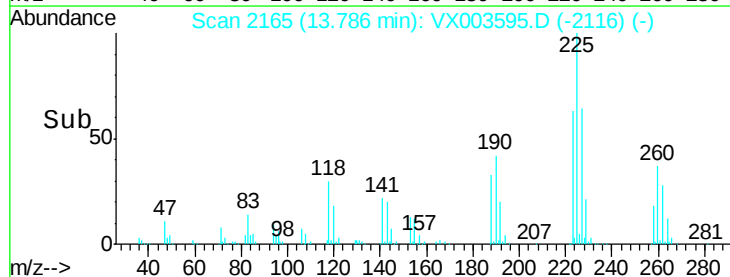
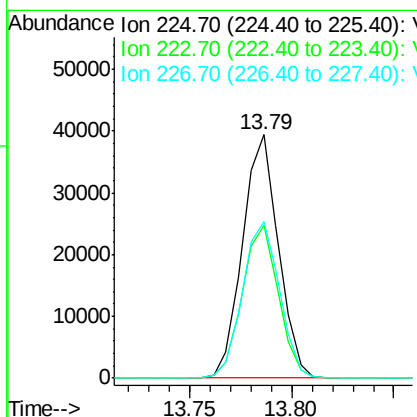
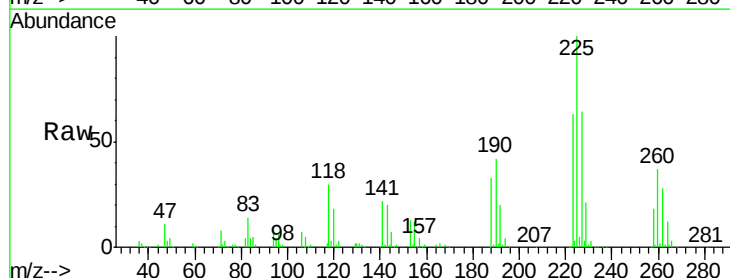
Manual Integrations
 APPROVED

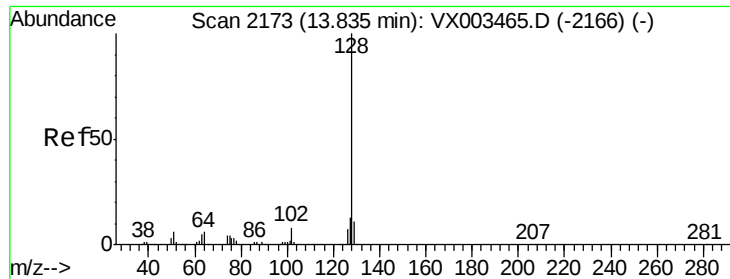
MMDadoda
 7/24/2018 12:37:27 PM



#94
 Hexachlorobutadiene
 Concen: 17.38 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003595.D
 Acq: 23 Jul 2018 11:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	48199		
223	63.0	31.6	95.0	
227	65.9	32.4	97.2	





#95

Naphthalene

Concen: 19.98 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

Instrument :

MSVOA_X

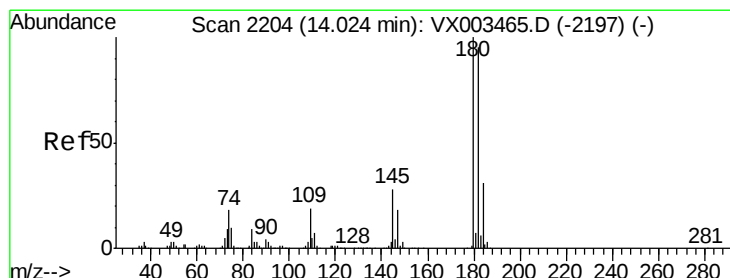
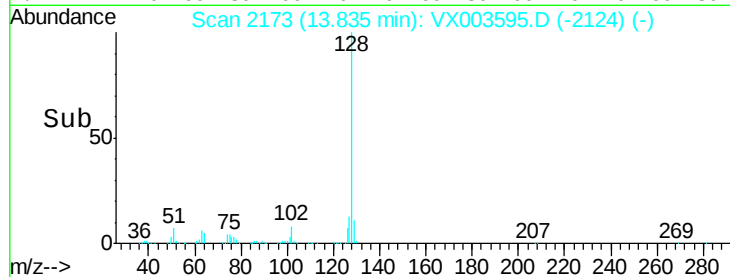
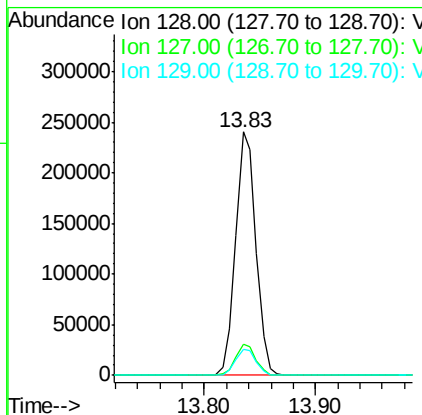
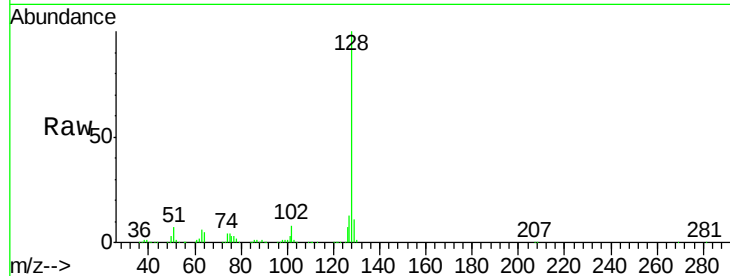
ClientSampleId :

VX0723WBSD01

Tot Ion:	128	Resp:	302780
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
7/24/2018 12:37:27 PM



#96

1,2,3-Trichlorobenzene

Concen: 18.89 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003595.D

Acq: 23 Jul 2018 11:10

Tgt Ion:	180	Resp:	107838
Ion	Ratio	Lower	Upper
180	100		
182	94.9	48.0	144.0
145	29.2	14.8	44.3

