

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072318\
 Data File : VX003619.D
 Acq On : 23 Jul 2018 22:43
 Operator : JC/SP
 Sample : VX0723WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/24/2018 3:54:48 PM

Quant Time: Jul 24 08:31:05 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	272145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	377467	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	369525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	221356	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	170656	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
35) Dibromofluoromethane	5.51	113	154441	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	
50) Toluene-d8	8.72	98	591028	54.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.38%	
62) 4-Bromofluorobenzene	11.14	95	214729	54.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	45874	20.81	ug/l	97
3) Chloromethane	1.32	50	57956	20.96	ug/l	98
4) Vinyl Chloride	1.40	62	65398	18.92	ug/l	99
5) Bromomethane	1.64	94	35573	24.61	ug/l	96
6) Chloroethane	1.72	64	42837	20.94	ug/l	98
7) Trichlorofluoromethane	1.93	101	99530	21.58	ug/l	98
8) Diethyl Ether	2.19	74	42974	21.69	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.38	101	62354	20.66	ug/l	97
10) Methyl Iodide	2.51	142	75243	20.75	ug/l	92
11) Tert butyl alcohol	3.08	59	80968	127.02	ug/l	100
12) 1,1-Dichloroethene	2.37	96	59448	21.39	ug/l	84
13) Acrolein	2.29	56	19882	69.03	ug/l	98
14) Allyl chloride	2.73	41	99817	20.29	ug/l	86
15) Acrylonitrile	3.15	53	183572	113.11	ug/l	99
16) Acetone	2.45	43	147422	121.15	ug/l #	87
17) Carbon Disulfide	2.57	76	147436	19.61	ug/l	98
18) Methyl Acetate	2.78	43	93409	24.35	ug/l #	91
19) Methyl tert-butyl Ether	3.21	73	206770	22.78	ug/l	99
20) Methylene Chloride	2.86	84	69696	22.96	ug/l	87
21) trans-1,2-Dichloroethene	3.17	96	64261	20.78	ug/l	91
22) Diisopropyl ether	3.88	45	203202	21.95	ug/l	94
23) Vinyl Acetate	3.83	43	831220	108.99	ug/l #	94
24) 1,1-Dichloroethane	3.70	63	120113	22.11	ug/l	99
25) 2-Butanone	4.71	43	241571	118.32	ug/l	91
26) 2,2-Dichloropropane	4.59	77	60393	14.64	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	74795	21.72	ug/l	94
28) Bromochloromethane	5.03	49	48123	20.27	ug/l #	82
29) Tetrahydrofuran	5.17	42	157007	116.42	ug/l	90
30) Chloroform	5.22	83	122386	23.07	ug/l	99
31) Cyclohexane	5.57	56	100404	20.69	ug/l	92
32) 1,1,1-Trichloroethane	5.50	97	103759	22.84	ug/l	97
36) 1,1-Dichloropropene	5.80	75	88200	21.64	ug/l	97
37) Ethyl Acetate	4.87	43	89275	23.15	ug/l #	93
38) Carbon Tetrachloride	5.78	117	93357	23.35	ug/l	95

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 7/24/2018 3:54:48 PM

Quant Time: Jul 24 08:31:05 2018
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	103153	21.37	ug/l	93
40) Benzene	6.14	78	286050	23.25	ug/l	99
41) Methacrylonitrile	5.07	41	50399	22.24	ug/l #	90
42) 1,2-Dichloroethane	6.20	62	91721	23.66	ug/l	94
43) Isopropyl Acetate	6.48	43	149309	24.34	ug/l #	93
44) Trichloroethene	7.22	130	84138	22.93	ug/l	99
45) 1,2-Dichloropropane	7.52	63	74286	23.78	ug/l	99
46) Dibromomethane	7.67	93	48673	24.20	ug/l	94
47) Bromodichloromethane	7.90	83	90332	24.53	ug/l	100
48) Methyl methacrylate	7.78	41	77062	24.91	ug/l #	84
49) 1,4-Dioxane	7.76	88	36273	517.48	ug/l #	95
51) 4-Methyl-2-Pentanone	8.65	43	506274	130.63	ug/l	91
52) Toluene	8.79	92	183142	23.65	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	104559	23.07	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	93583	22.96	ug/l #	87
55) 1,1,2-Trichloroethane	9.22	97	76855	24.94	ug/l	98
56) Ethyl methacrylate	9.18	69	107516	24.77	ug/l #	83
57) 1,3-Dichloropropane	9.38	76	124334	24.96	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	221612	104.99	ug/l	97
59) 2-Hexanone	9.50	43	397307	138.36	ug/l	90
60) Dibromochloromethane	9.59	129	75737	24.83	ug/l	99
61) 1,2-Dibromoethane	9.68	107	79310	24.82	ug/l	100
64) Tetrachloroethene	9.34	164	101701	22.59	ug/l	98
65) Chlorobenzene	10.14	112	211536	22.22	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	76331	23.30	ug/l	99
67) Ethyl Benzene	10.26	91	342657	22.38	ug/l	100
68) m/p-Xylenes	10.36	106	269897	44.97	ug/l	97
69) o-Xylene	10.70	106	129787	22.36	ug/l	97
70) Styrene	10.71	104	220634	23.11	ug/l	97
71) Bromoform	10.86	173	57940	22.76	ug/l	99
73) Isopropylbenzene	11.02	105	351361	22.95	ug/l	99
74) N-amyl acetate	6.48	43	149309	22.97	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	109803	24.48	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	97807m	24.60	ug/l	
77) Bromobenzene	11.26	156	97986	22.25	ug/l	98
78) n-propylbenzene	11.37	91	393082	23.10	ug/l	99
79) 2-Chlorotoluene	11.43	91	239590	23.19	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	288368	22.92	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	25829	19.94	ug/l	94
82) 4-Chlorotoluene	11.51	91	274528	22.68	ug/l	98
83) tert-Butylbenzene	11.77	119	277100	22.49	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	298706	23.33	ug/l	98
85) sec-Butylbenzene	11.95	105	342983	22.92	ug/l	100
86) p-Isopropyltoluene	12.07	119	304701	22.69	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	176854	21.85	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	179232	21.50	ug/l	99
89) n-Butylbenzene	12.39	91	250647	21.98	ug/l	100
90) Hexachloroethane	12.60	117	42767	22.40	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	178339	22.36	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	21850	25.03	ug/l	92

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ClientSampleId :
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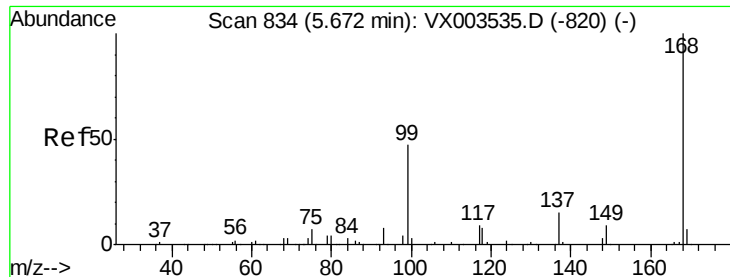
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	121446	20.77	ug/l	99
94) Hexachlorobutadiene	13.79	225	56892	20.23	ug/l	99
95) Naphthalene	13.83	128	354257	23.06	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	125396	21.67	ug/l	100

(#) = 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: VX003619.D

Acq: 23 Jul 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS02

Tot Ion:168 Resp: 272145

Ion Ratio Lower Upper

168 100

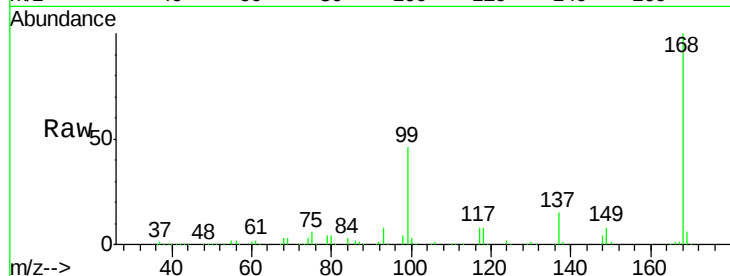
99 45.7 39.3 58.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

40000

20000

0

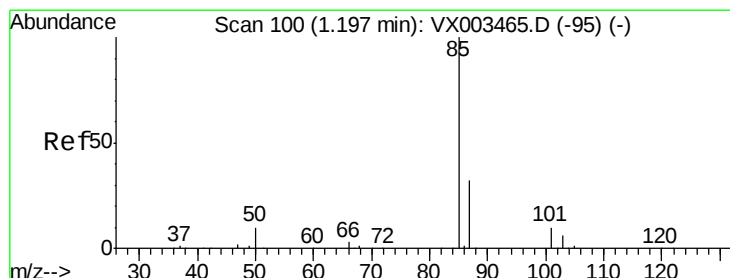
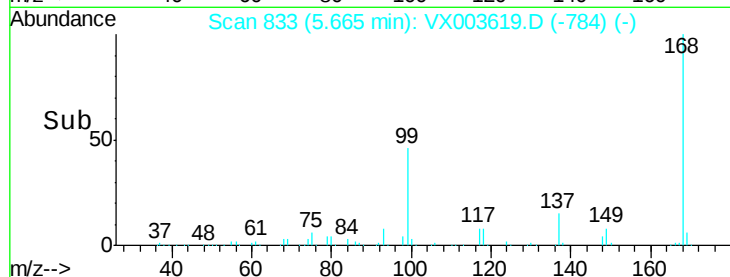
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.81 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003619.D

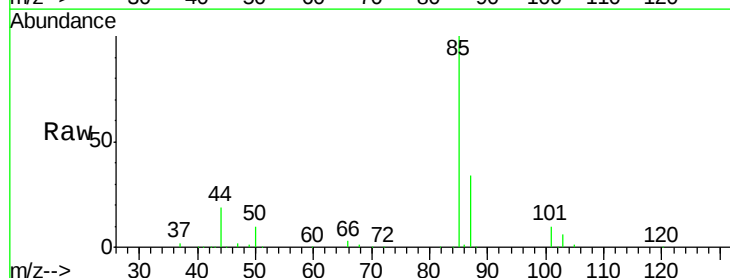
Acq: 23 Jul 2018 22:43

Tgt Ion: 85 Resp: 45874

Ion Ratio Lower Upper

85 100

87 33.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

50000

40000

30000

20000

10000

0

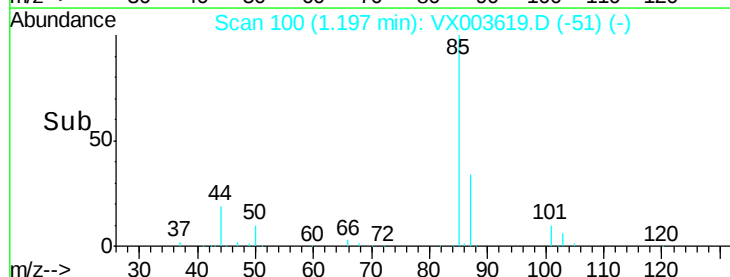
1.15

1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 20.96 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003619.D

Acq: 23 Jul 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS02

Tot Ion: 50 Resp: 57956

Ion Ratio Lower Upper

50 100

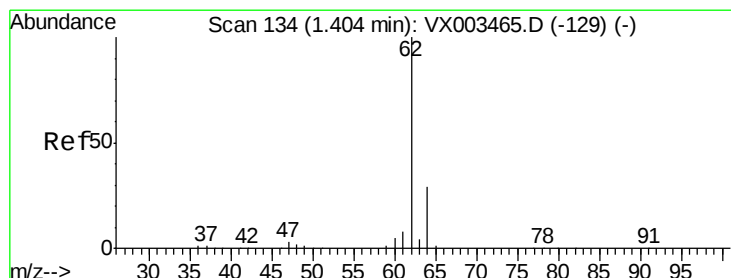
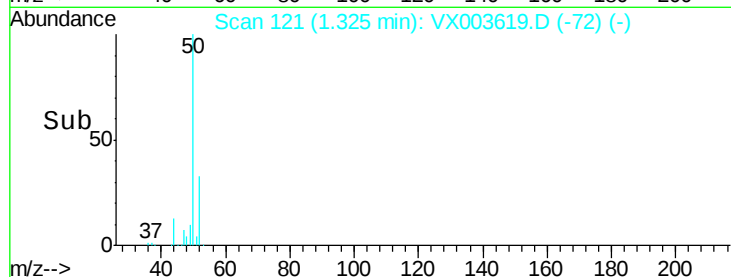
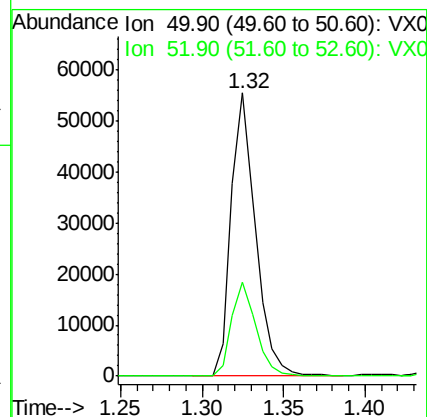
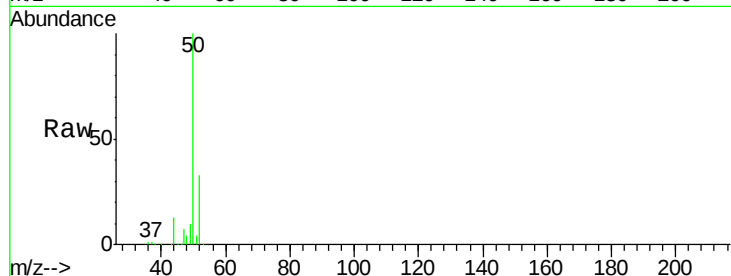
52 33.1 25.7 38.5

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#4

Vinyl Chloride

Concen: 18.92 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003619.D

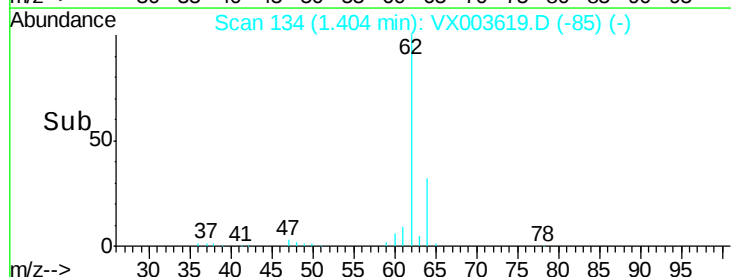
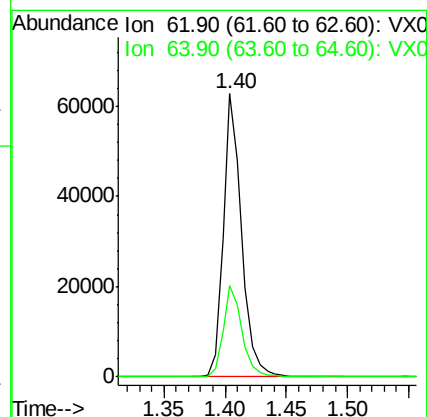
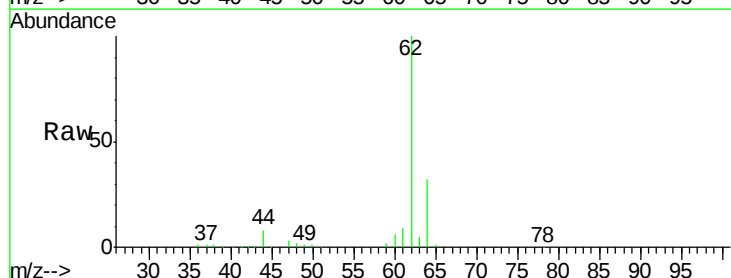
Acq: 23 Jul 2018 22:43

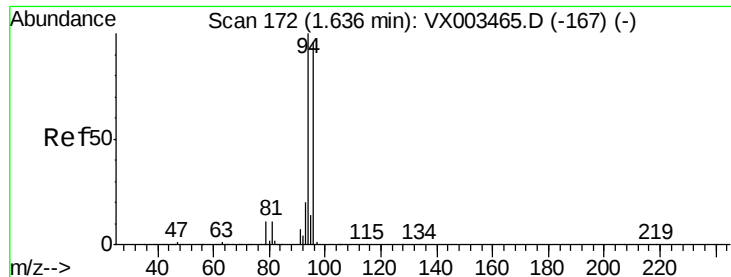
Tgt Ion: 62 Resp: 65398

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.2





#5

Bromomethane

Concen: 24.61 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003619.D

Acq: 23 Jul 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS02

Tot Ion: 94 Resp: 35573

Ion Ratio Lower Upper

94 100

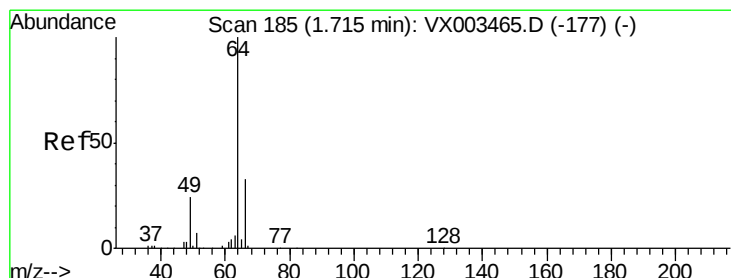
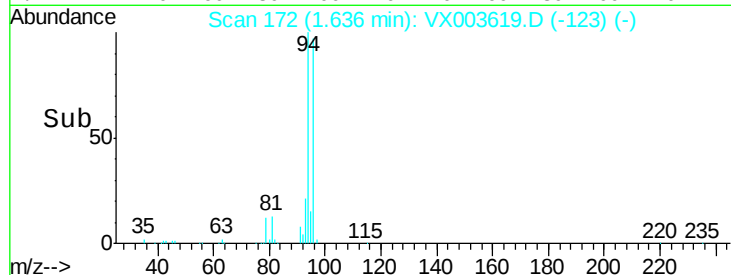
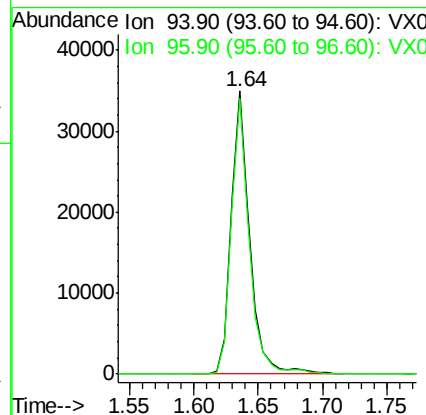
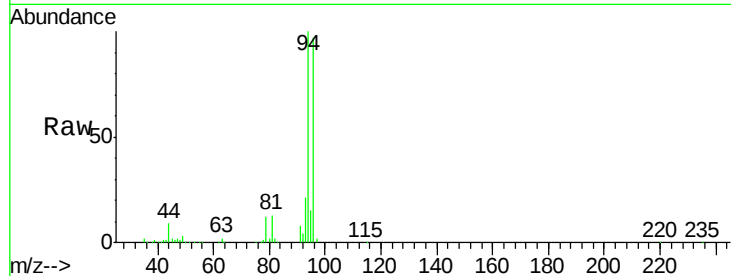
96 97.2 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 20.94 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003619.D

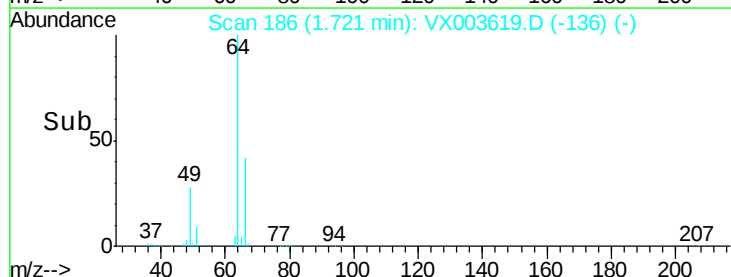
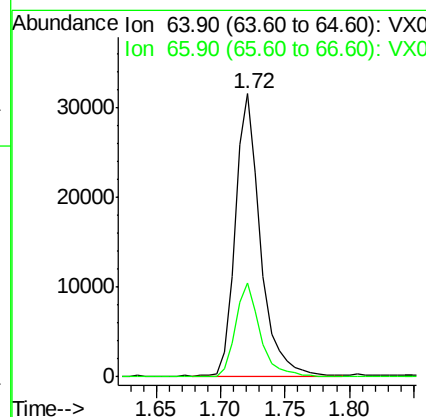
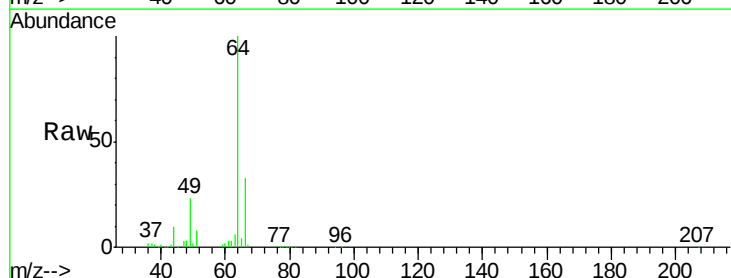
Acq: 23 Jul 2018 22:43

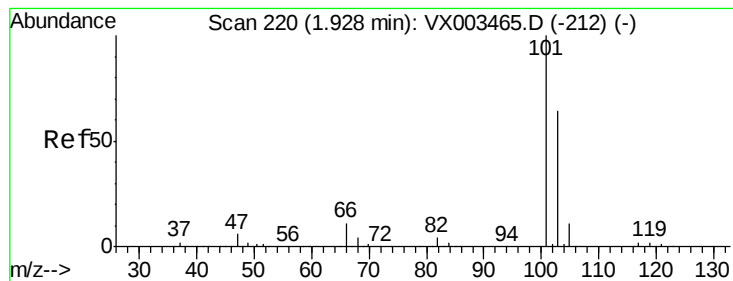
Tgt Ion: 64 Resp: 42837

Ion Ratio Lower Upper

64 100

66 33.1 25.5 38.3





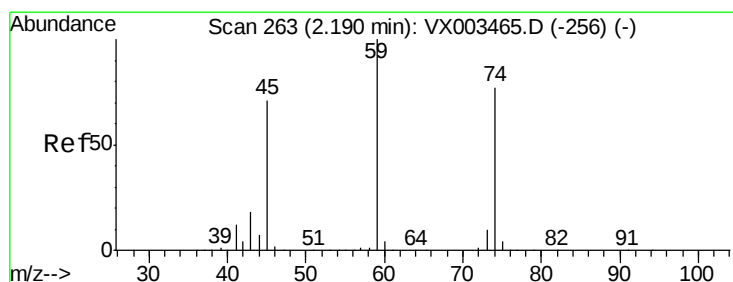
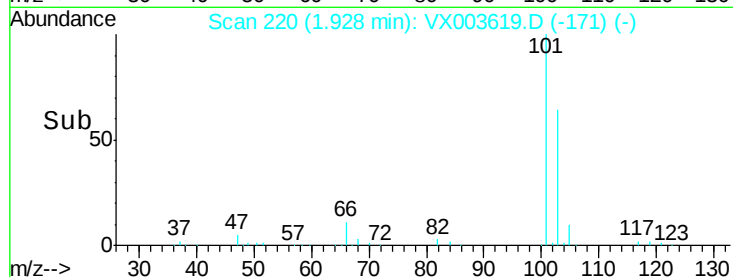
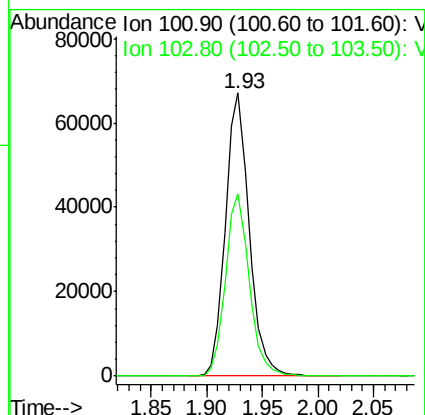
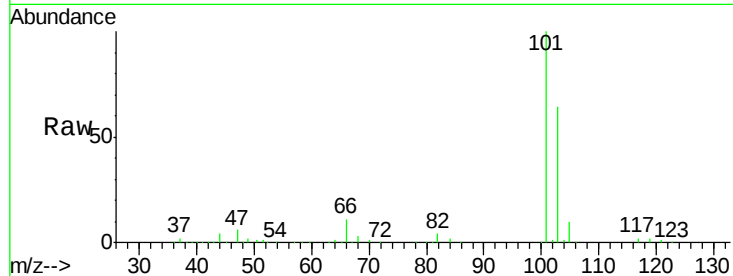
#7
 Trichlorofluoromethane
 Concen: 21.58 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX003619.D
 Acq: 23 Jul 2018 22:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS02

Tot Ion:101 Resp: 99530
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.8 79.2

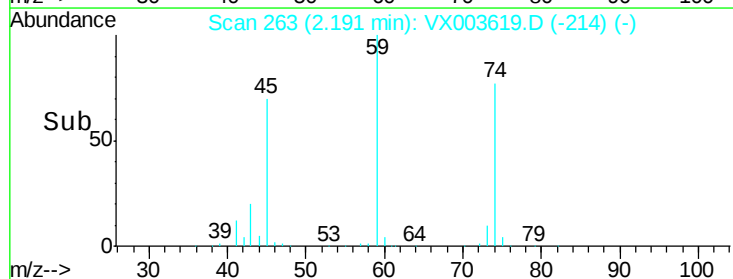
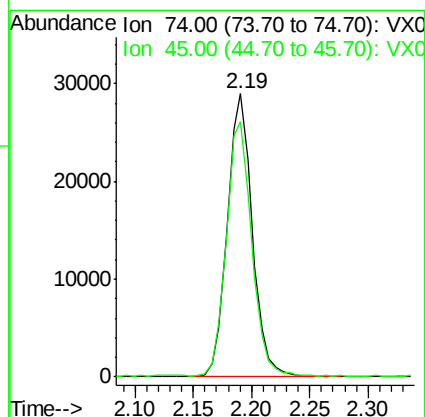
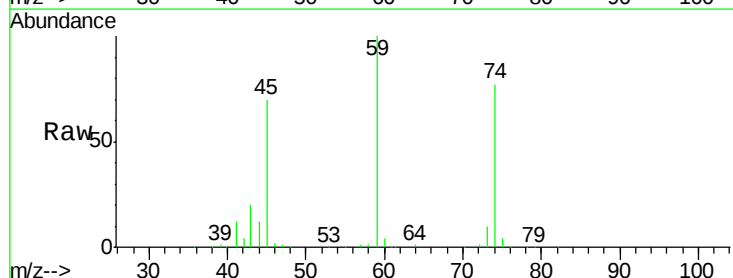
Manual Integrations
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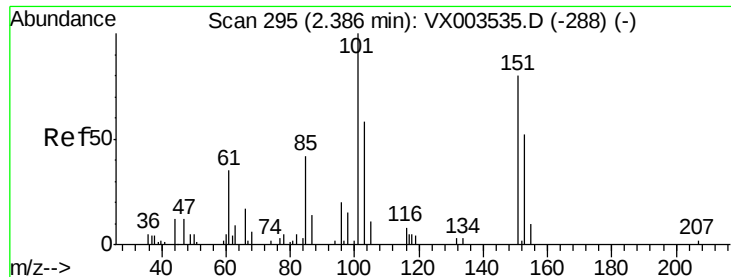
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#8
 Diethyl Ether
 Concen: 21.69 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003619.D
 Acq: 23 Jul 2018 22:43

Tgt Ion: 74 Resp: 42974
 Ion Ratio Lower Upper
 74 100
 45 91.4 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.66 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003619.D

Acq: 23 Jul 2018 22:43

Instrument :

MSVOA_X

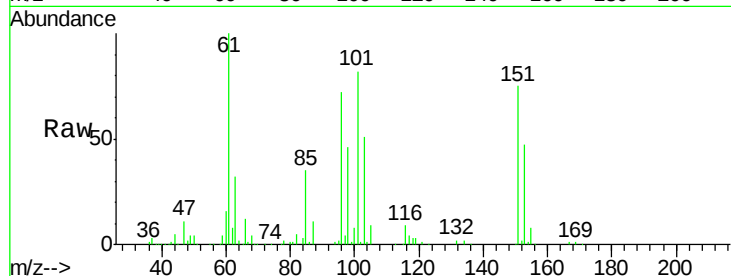
ClientSampleId :

VX0723WBS02

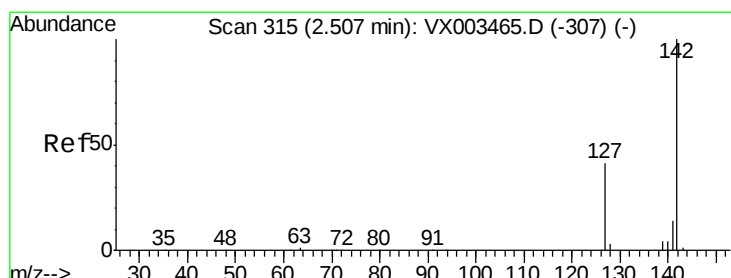
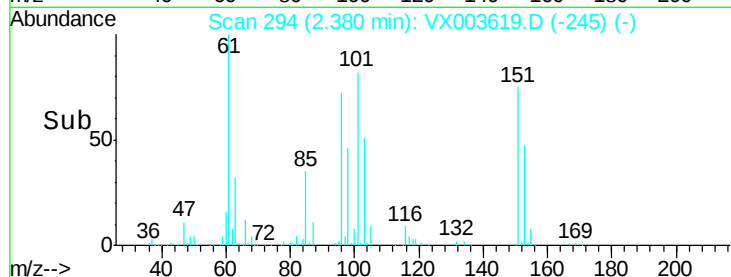
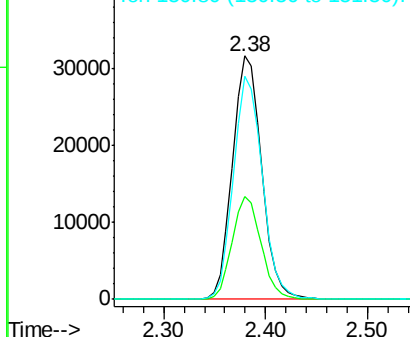
Tot Ion:	101	Resp:	62354
Ion Ratio	Lower	Upper	
101	100		
85	41.9	36.0	54.0
151	91.2	70.9	106.3

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



#10

Methyl Iodide

Concen: 20.75 ug/l

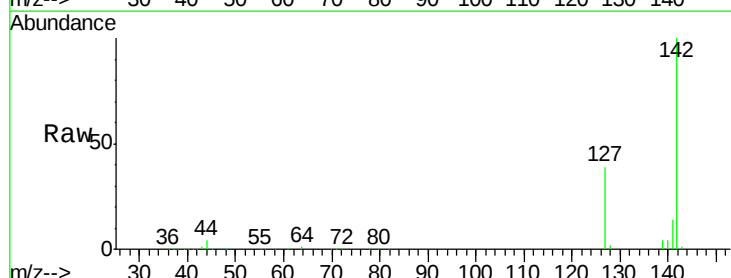
RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

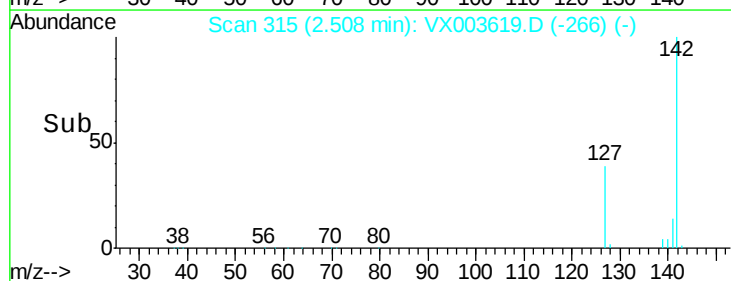
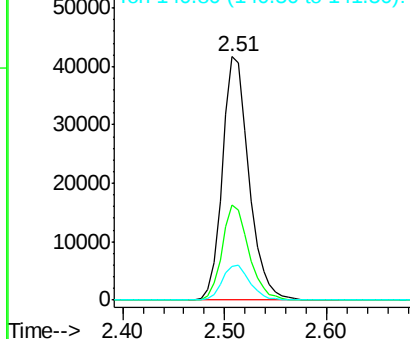
Lab File: VX003619.D

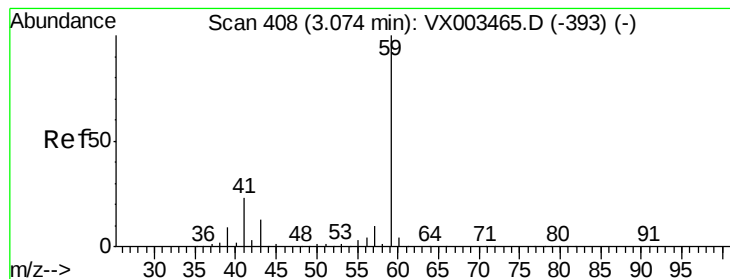
Acq: 23 Jul 2018 22:43

Tgt Ion:	142	Resp:	75243
Ion Ratio	Lower	Upper	
142	100		
127	39.3	36.6	55.0
141	14.8	11.3	16.9



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





#11

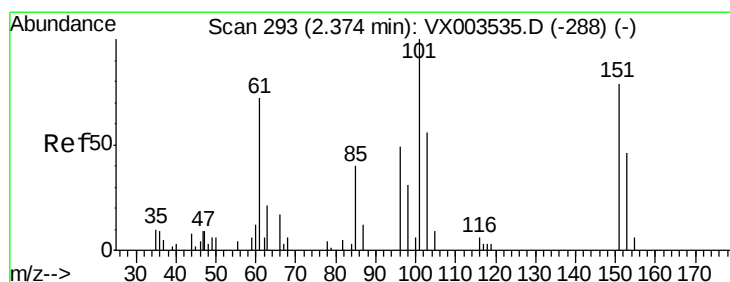
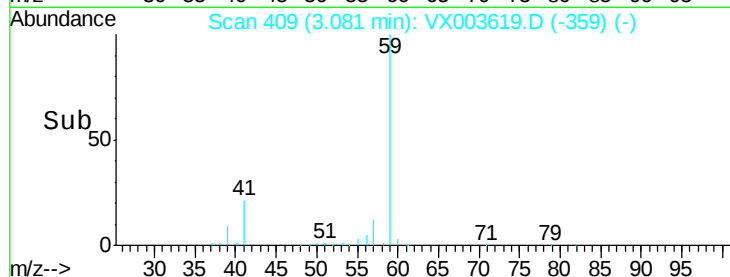
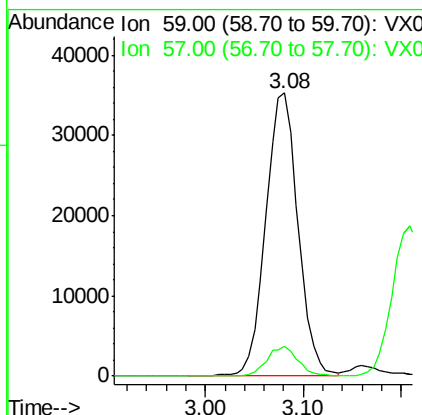
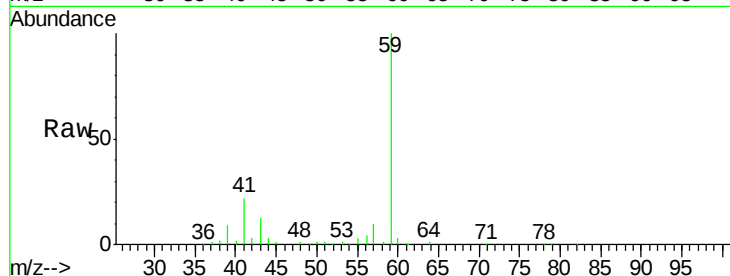
Tert butyl alcohol
Concen: 127.02 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.2

Manual Integrations
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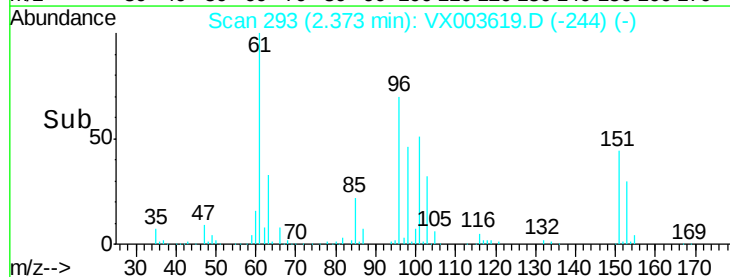
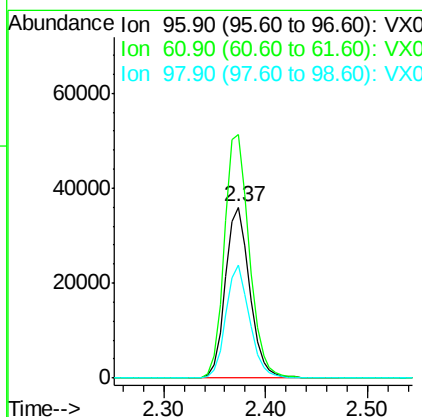
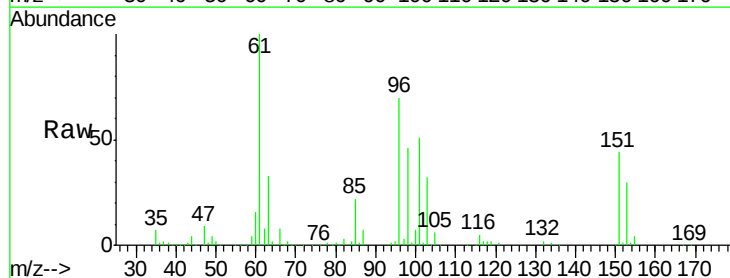
MMDadoda
7/24/2018 3:54:48 PM

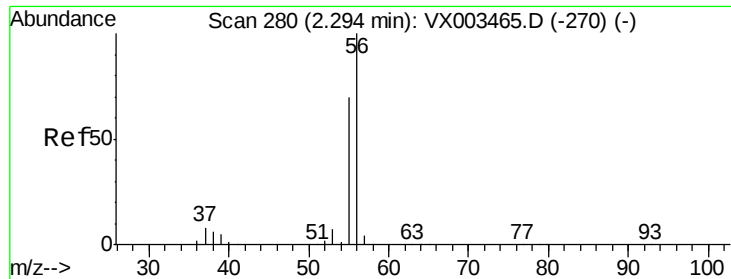


#12

1,1-Dichloroethene
Concen: 21.39 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.4	137.9	206.9
98	65.9	51.6	77.4





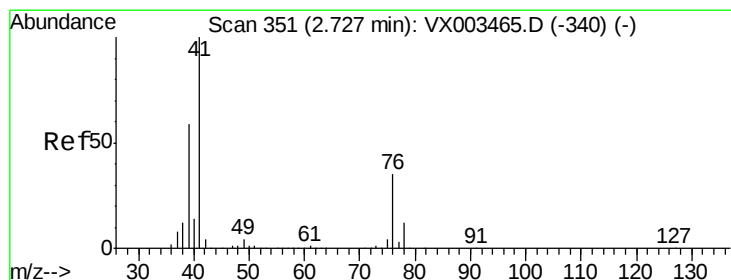
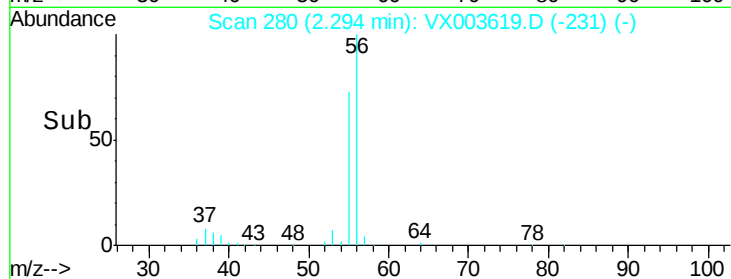
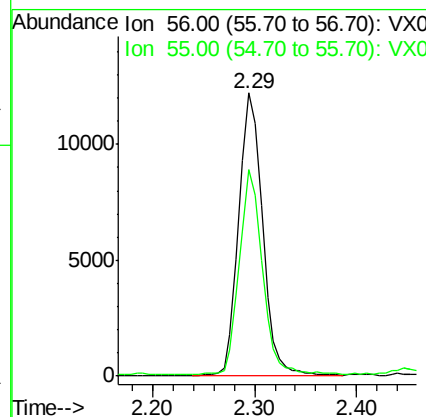
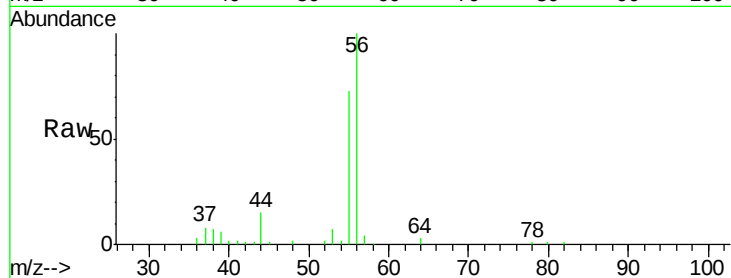
#13
Acrolein
Concen: 69.03 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion	56	55	Ratio	100	Resp	19882	Lower	Upper
56	100							
55	69.2						57.0	85.4

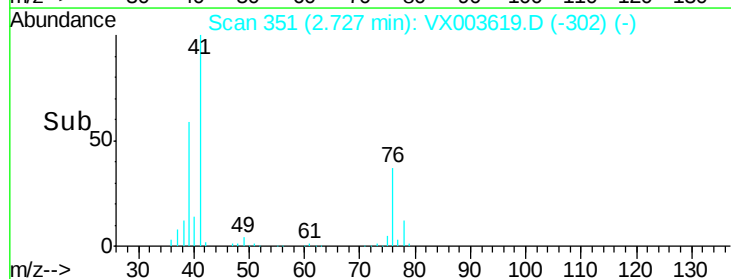
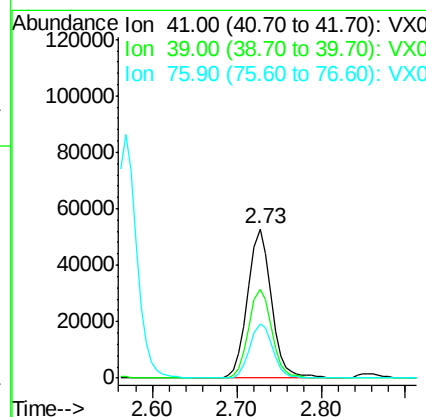
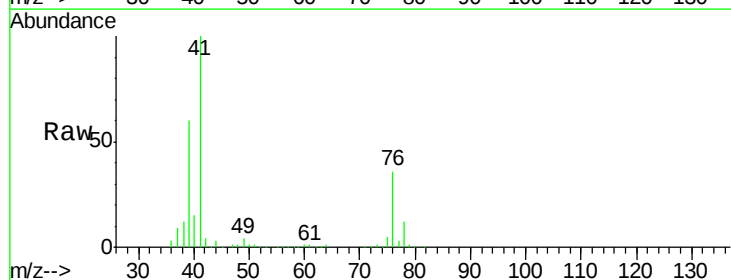
Manual Integrations
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#14
Allyl chloride
Concen: 20.29 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Tgt Ion	41	39	76	Ratio	100	Resp	99817	Lower	Upper
41	100								
39	57.8							56.8	85.2
76	35.4							23.8	35.8





#15

Acrylonitrile

Concen: 113.11 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003619.D

Acq: 23 Jul 2018 22:43

Instrument :

MSVOA_X

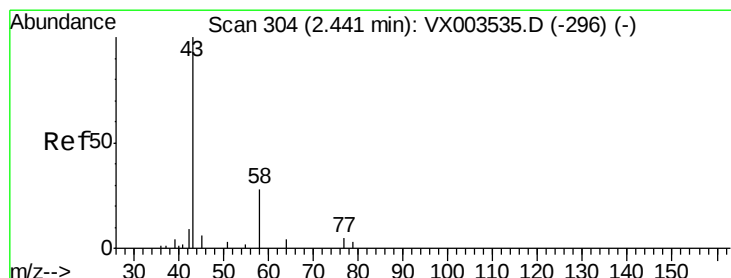
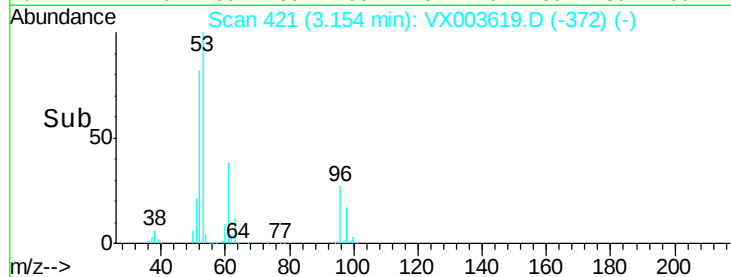
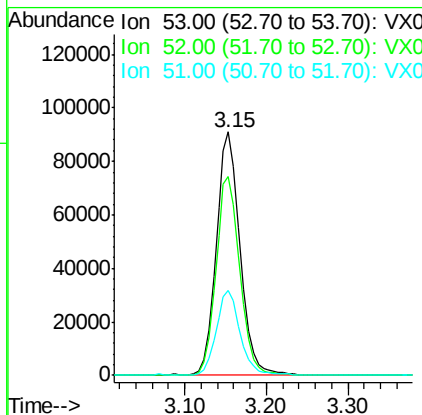
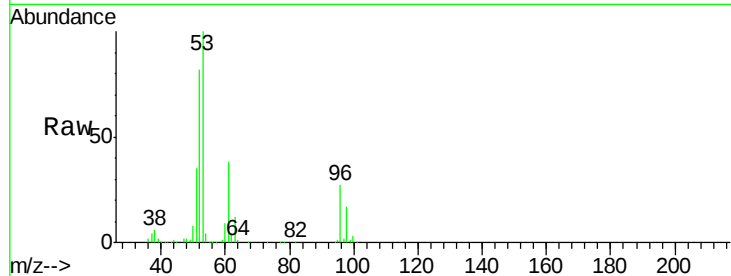
ClientSampleId :

VX0723WBS02

Tot Ion:	53	Resp:	183572
Ion Ratio	Lower	Upper	
53	100		
52	82.9	66.7	100.1
51	35.7	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 121.15 ug/l

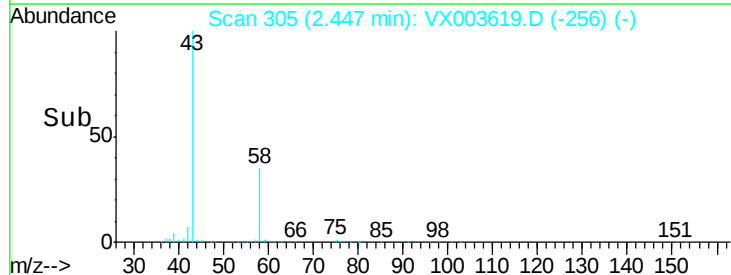
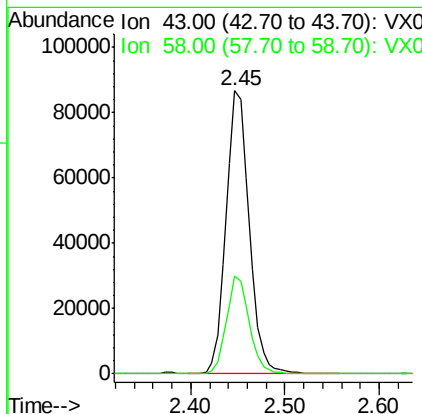
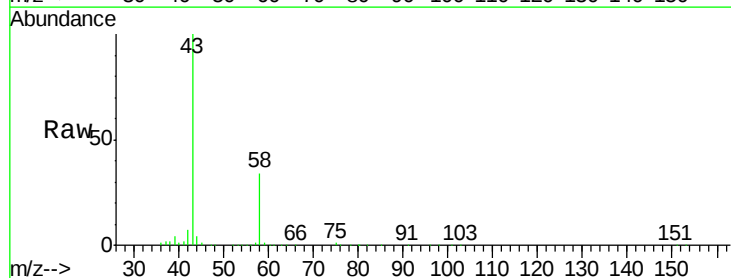
RT: 2.45 min Scan# 305

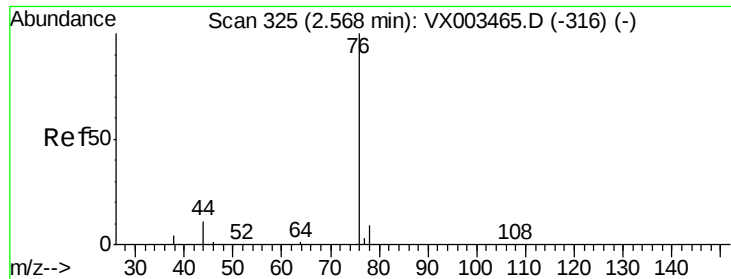
Delta R.T. 0.00 min

Lab File: VX003619.D

Acq: 23 Jul 2018 22:43

Tgt Ion:	43	Resp:	147422
Ion Ratio	Lower	Upper	
43	100		
58	34.5	22.1	33.1#





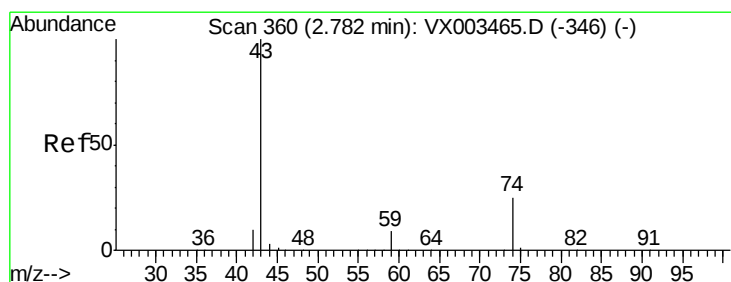
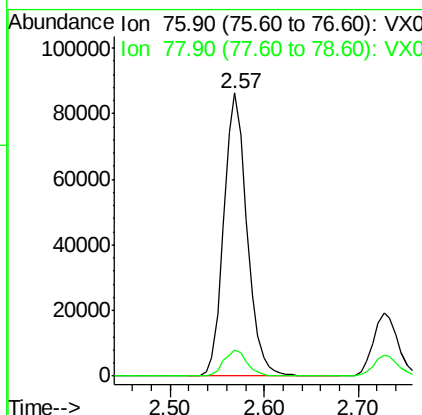
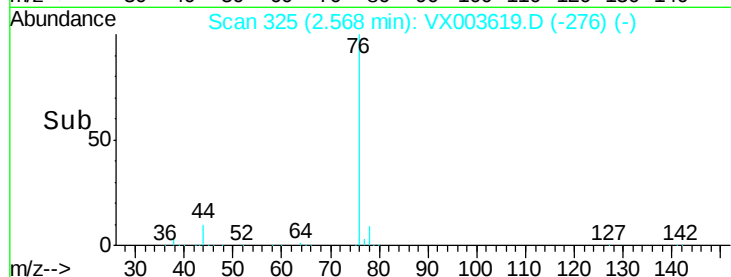
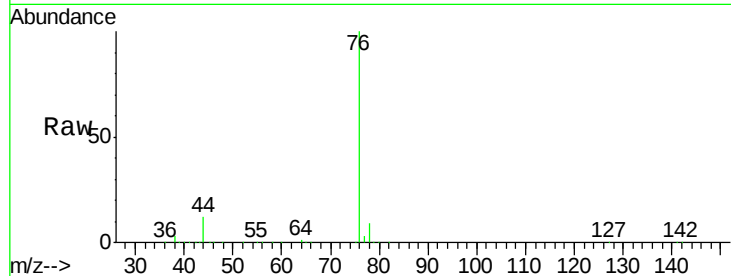
#17
Carbon Disulfide
Concen: 19.61 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	6.9	10.3

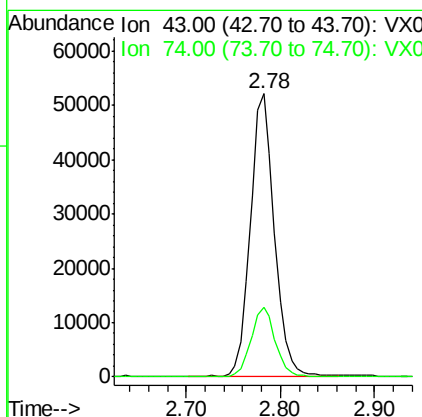
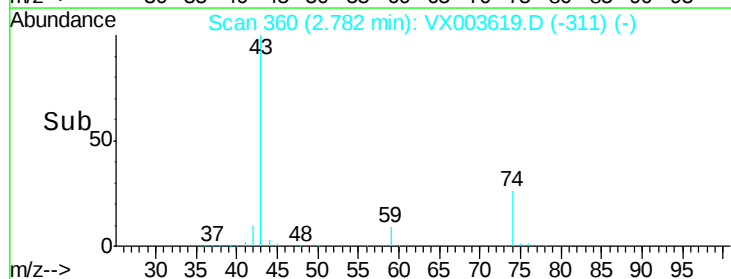
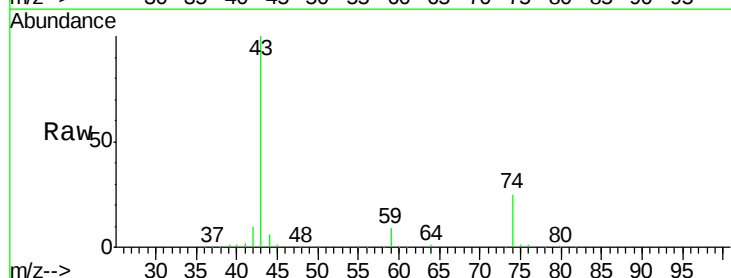
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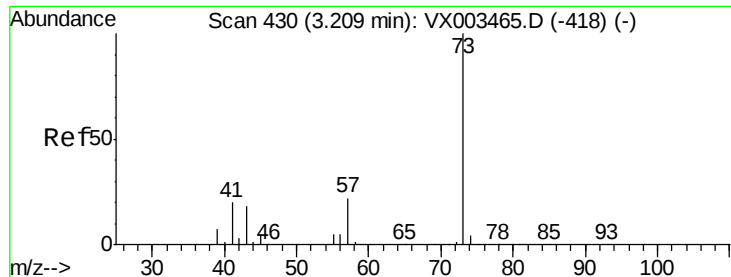
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#18
Methyl Acetate
Concen: 24.35 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.3	16.7	25.1#





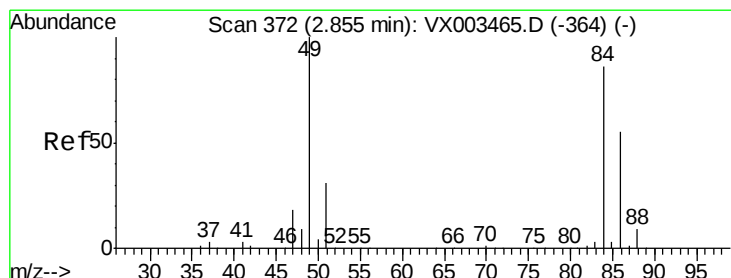
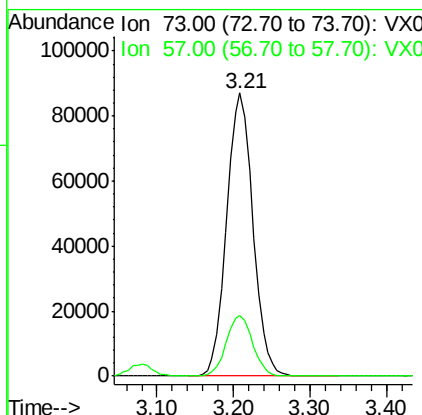
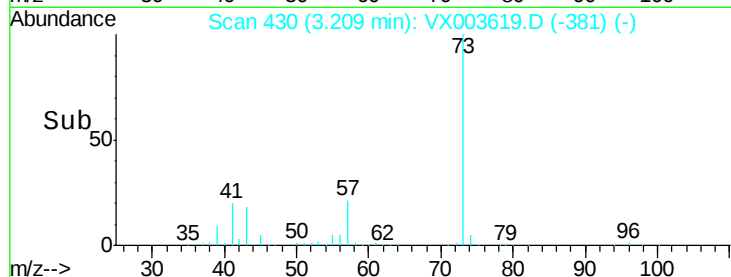
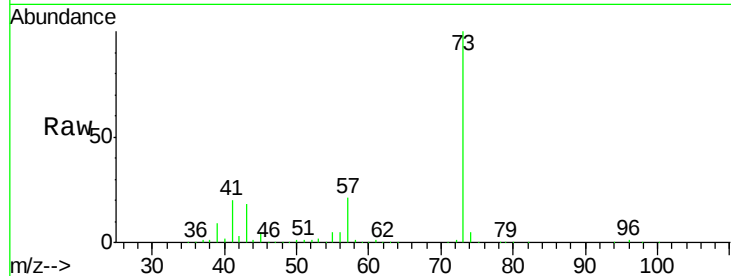
#19
Methyl tert-butyl Ether
Concen: 22.78 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion: 73 Resp: 206770
Ion Ratio Lower Upper
73 100
57 21.5 17.7 26.5

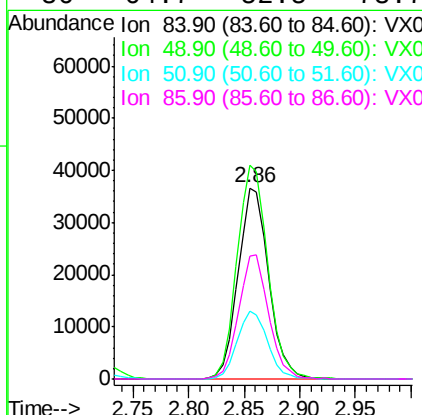
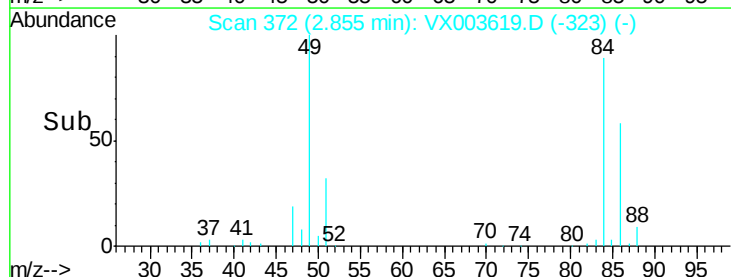
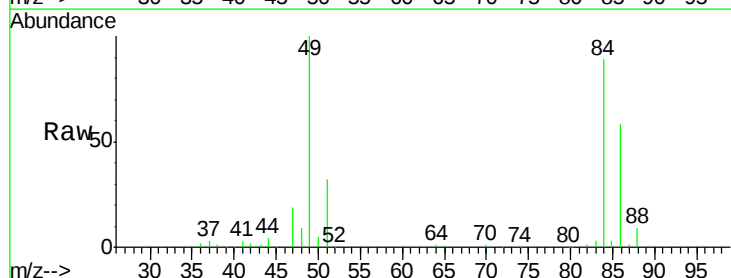
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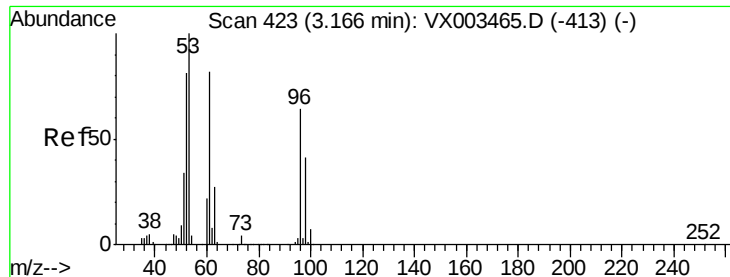
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#20
Methylene Chloride
Concen: 22.96 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Tgt Ion: 84 Resp: 69696
Ion Ratio Lower Upper
84 100
49 111.9 107.8 161.6
51 35.4 32.8 49.2
86 64.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 20.78 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003619.D

Acq: 23 Jul 2018 22:43

Instrument :

MSVOA_X

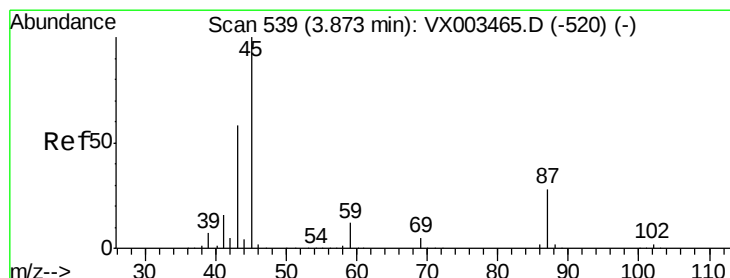
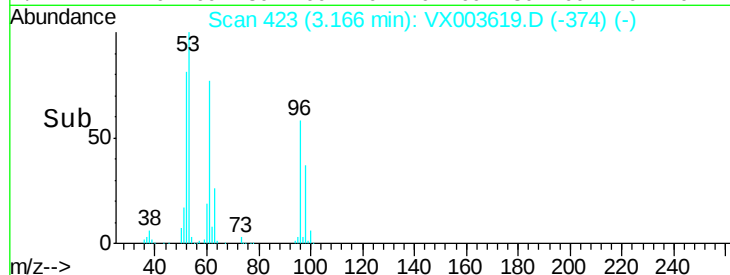
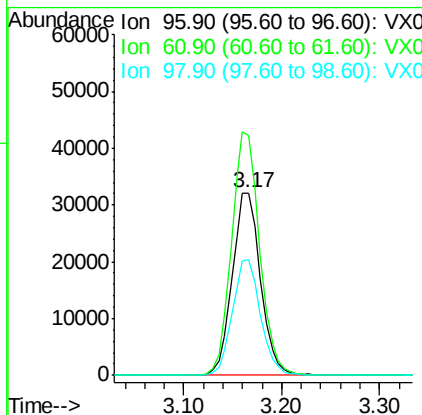
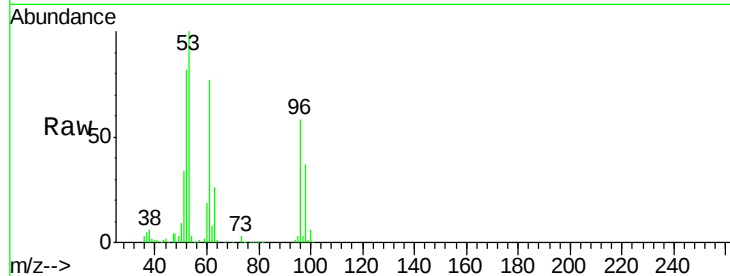
ClientSampleId :

VX0723WBS02

Tot Ion:	96	Resp:	64261
Ion Ratio	Lower	Upper	
96	100		
61	131.6	117.0	175.4
98	63.6	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.95 ug/l

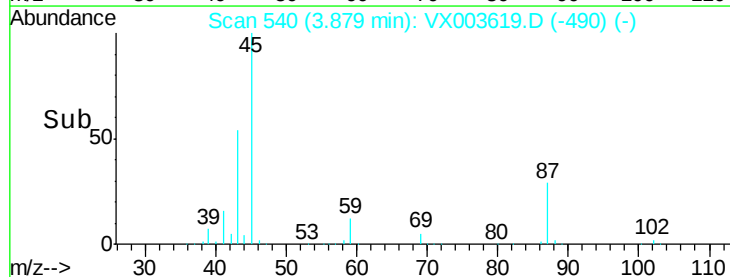
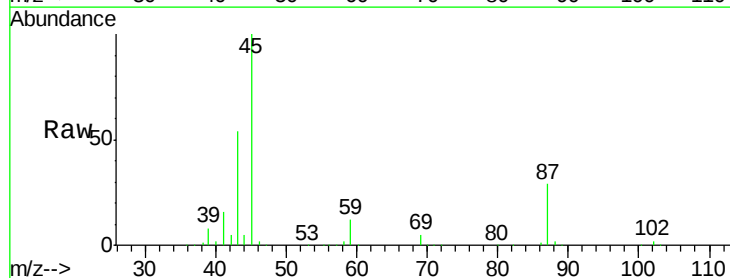
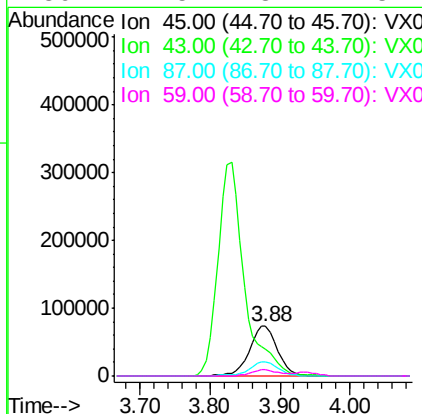
RT: 3.88 min Scan# 540

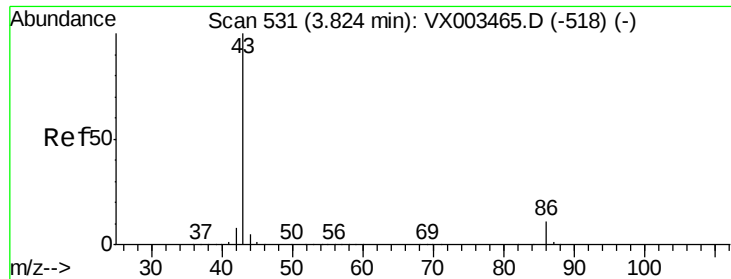
Delta R.T. 0.01 min

Lab File: VX003619.D

Acq: 23 Jul 2018 22:43

Tgt Ion:	45	Resp:	203202
Ion Ratio	Lower	Upper	
45	100		
43	53.6	46.8	70.2
87	28.9	20.2	30.4
59	12.5	8.7	13.1





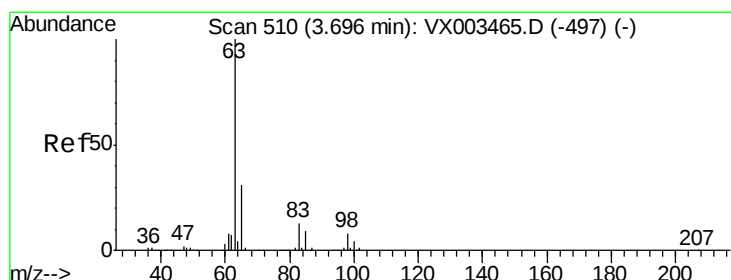
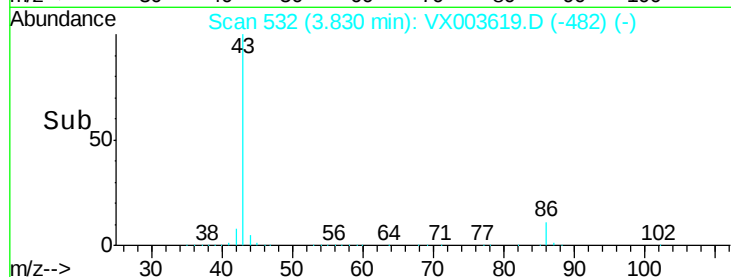
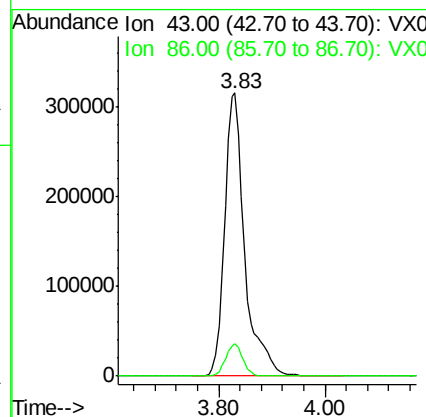
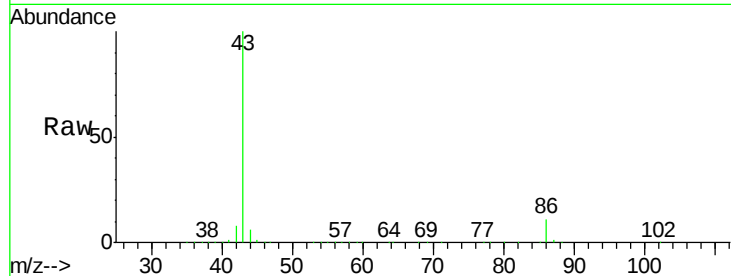
#23
 Vinyl Acetate
 Concen: 108.99 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.01 min
 Lab File: VX003619.D
 Acq: 23 Jul 2018 22:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
86	11.4	7.4	11.0#

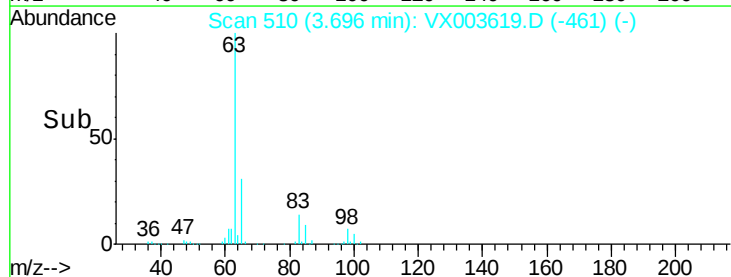
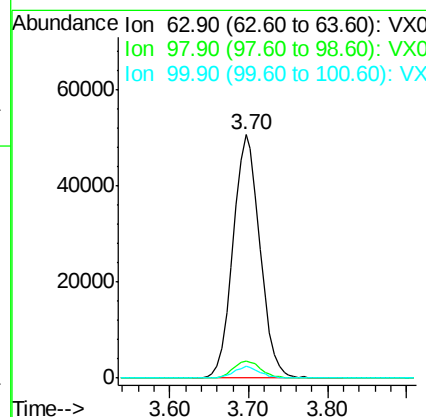
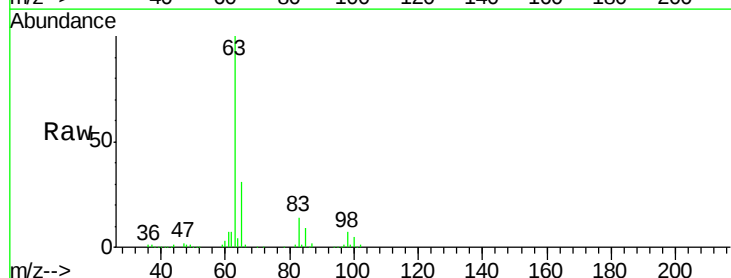
Manual Integrations
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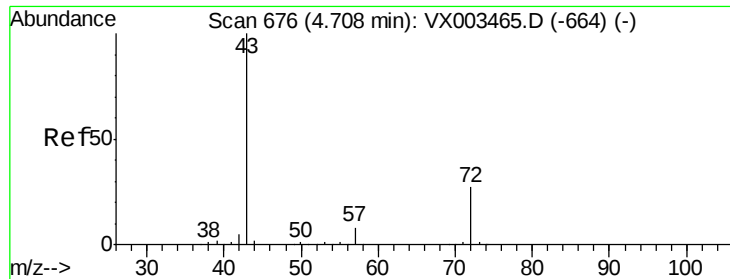
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#24
 1,1-Dichloroethane
 Concen: 22.11 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX003619.D
 Acq: 23 Jul 2018 22:43

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.1	3.4	10.2
100	4.7	2.0	6.0





#25

2-Butanone

Concen: 118.32 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX003619.D

Acq: 23 Jul 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS02

Tot Ion: 43 Resp: 241571

Ion Ratio Lower Upper

43 100

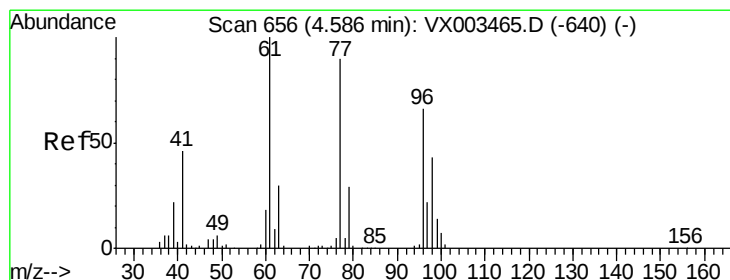
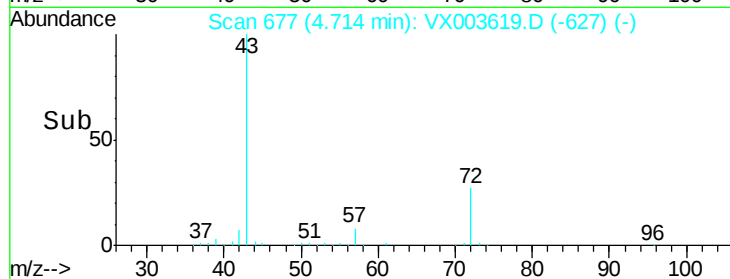
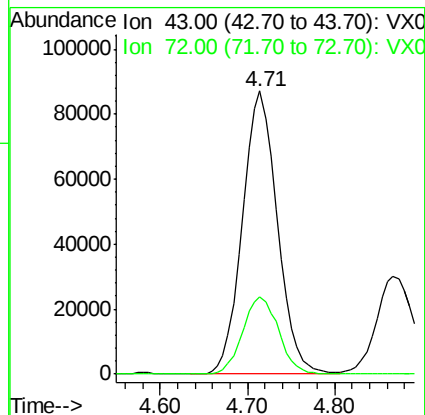
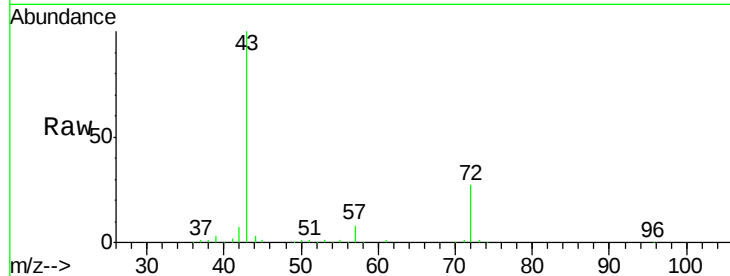
72 27.4 18.5 27.7

Manual Integrations

APPROVED

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#26

2,2-Dichloropropane

Concen: 14.64 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003619.D

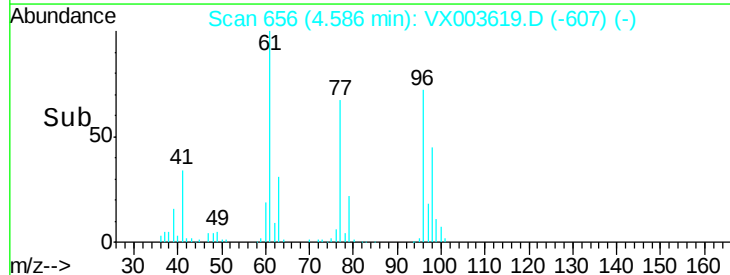
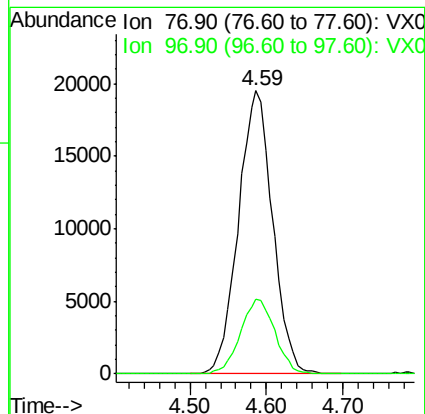
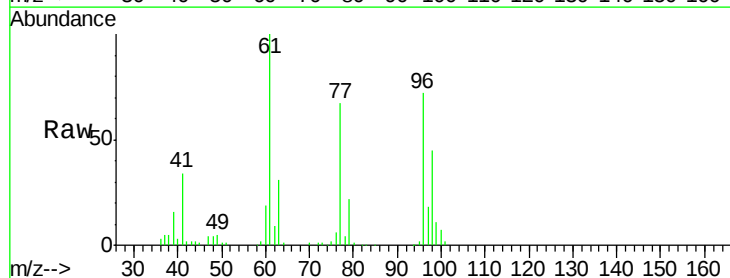
Acq: 23 Jul 2018 22:43

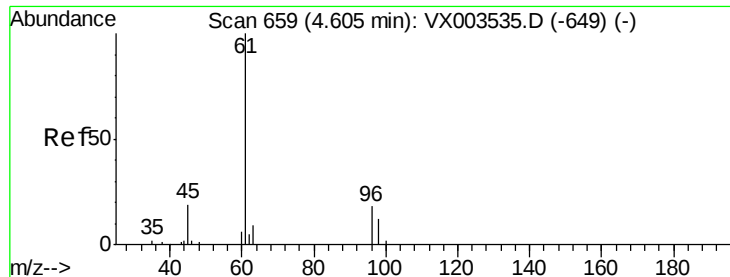
Tgt Ion: 77 Resp: 60393

Ion Ratio Lower Upper

77 100

97 26.7 11.2 33.5





#27

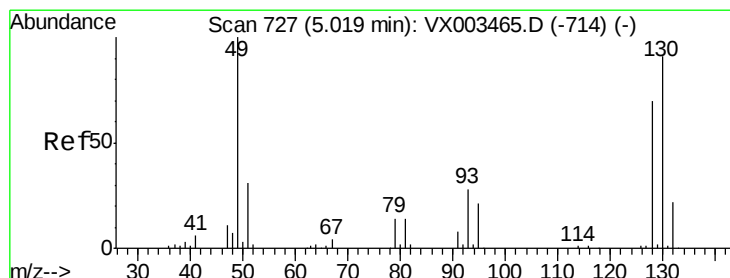
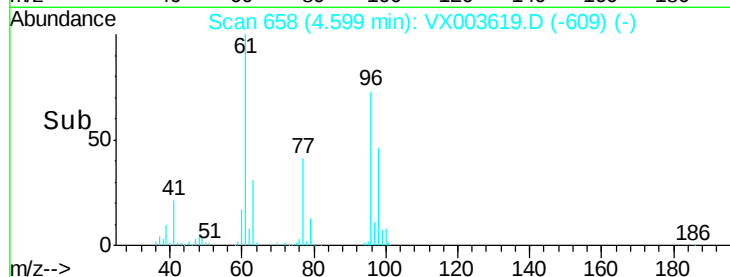
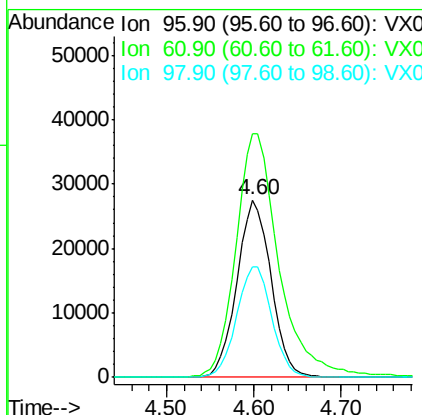
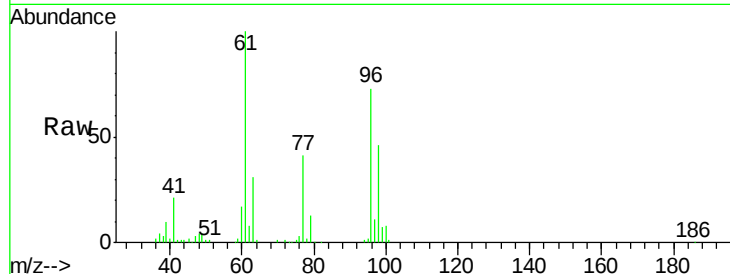
cis-1,2-Dichloroethene
Concen: 21.72 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	174.9	0.0	330.2
98	64.2	0.0	130.2

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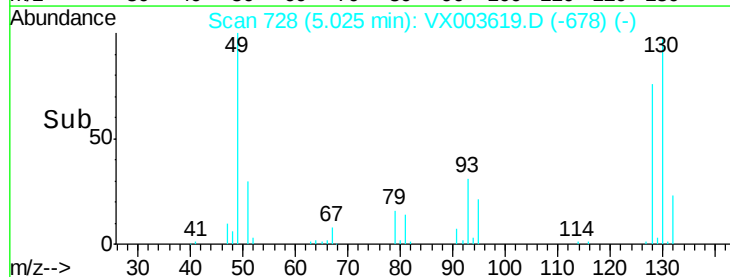
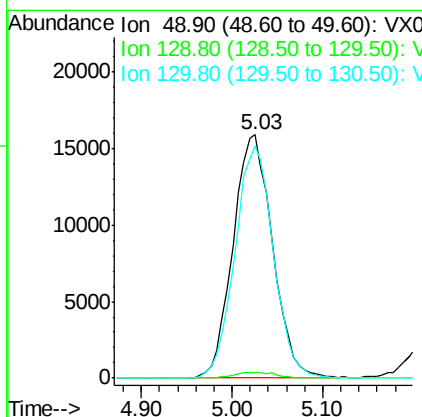
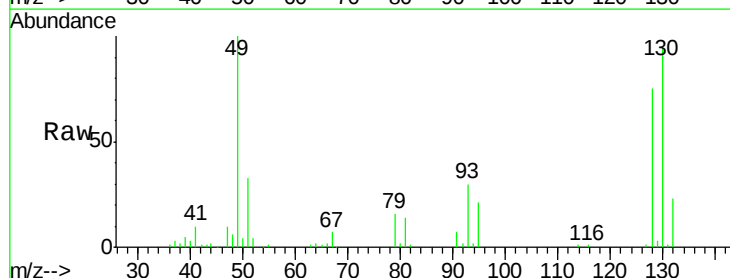
MMDadoda
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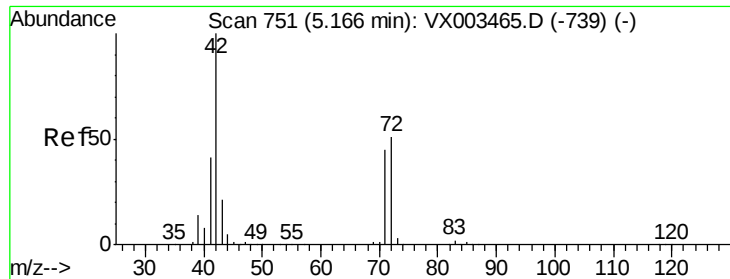


#28

Bromochloromethane
Concen: 20.27 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.01 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.2
130	92.7	61.2	91.8#





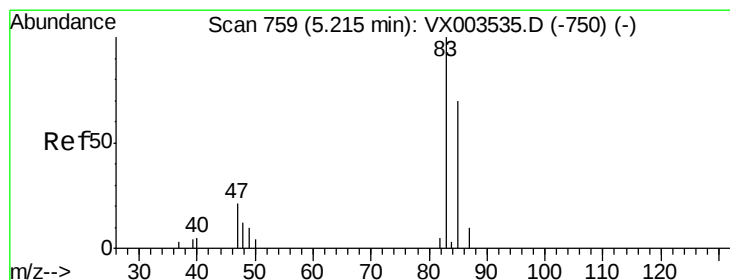
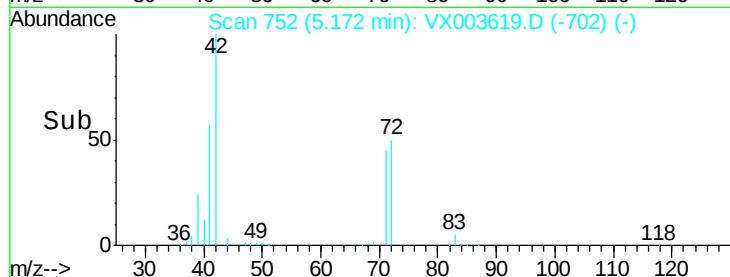
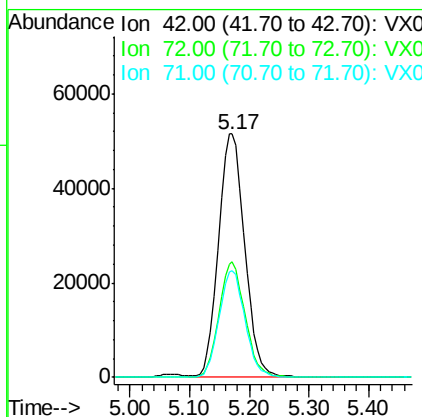
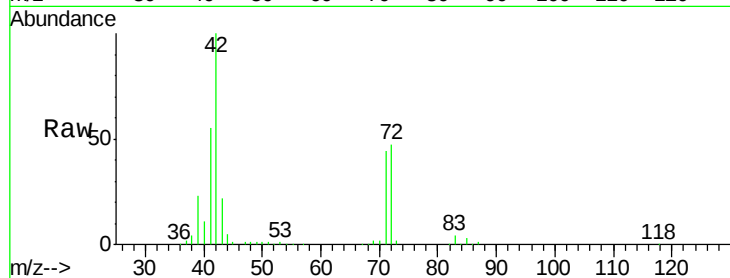
#29
Tetrahydrofuran
Concen: 116.42 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.9	32.0	48.0
71	43.4	30.1	45.1

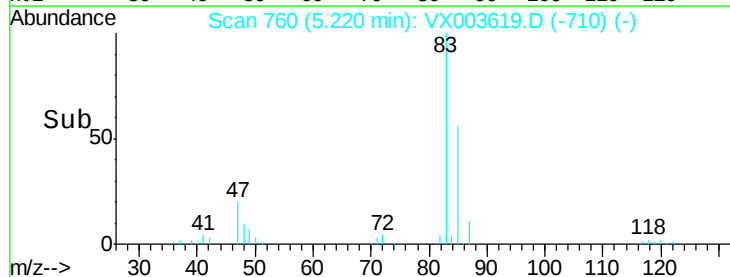
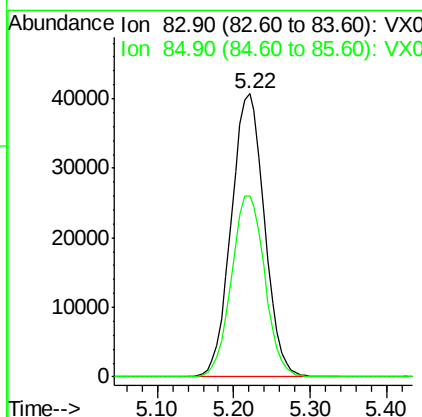
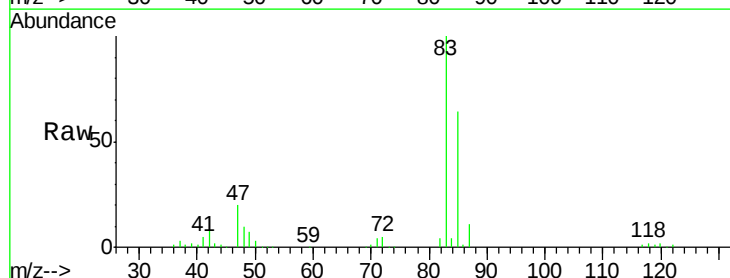
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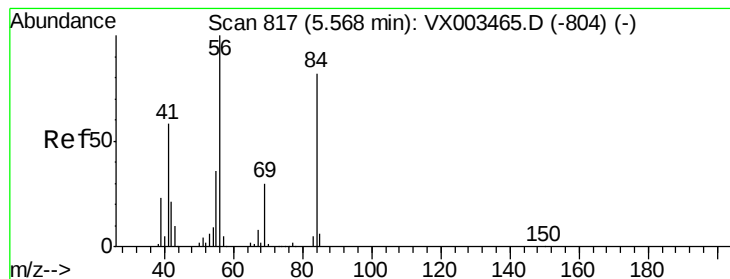
MMDadoda
7/24/2018 3:54:48 PM



#30
Chloroform
Concen: 23.07 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.4	75.6





#31

Cyclohexane

Concen: 20.69 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX003619.D

Acq: 23 Jul 2018 22:43

Instrument :

MSVOA_X

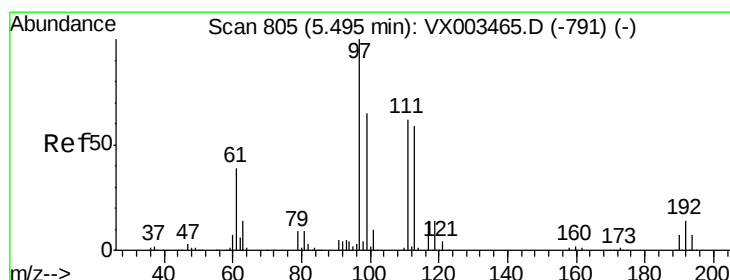
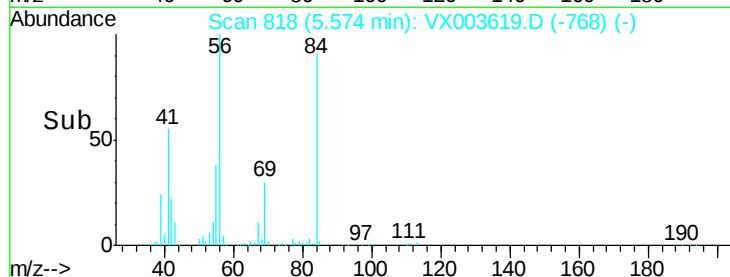
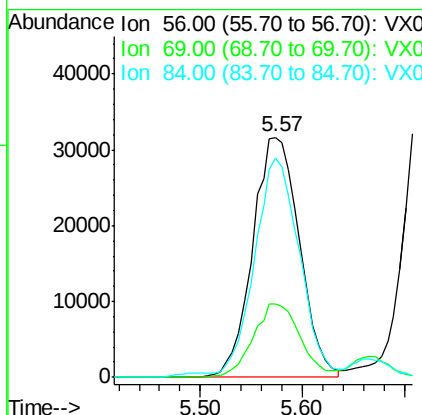
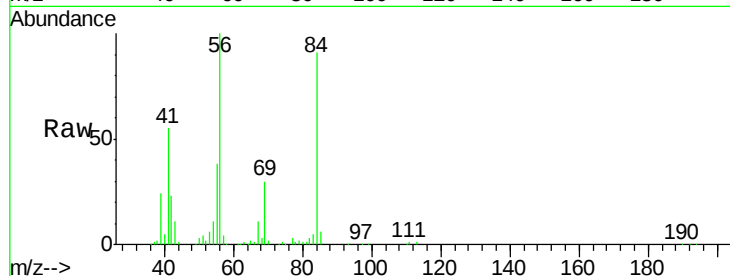
ClientSampleId :

VX0723WBS02

Tot Ion	56	Resp	100404
Ion	Ratio	Lower	Upper
56	100		
69	30.3	23.7	35.5
84	89.6	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 22.84 ug/l

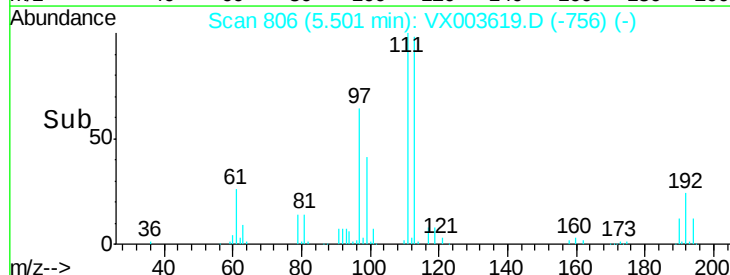
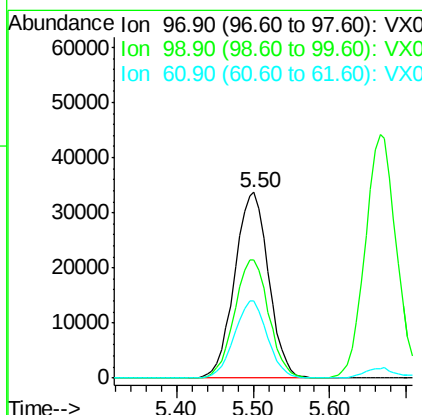
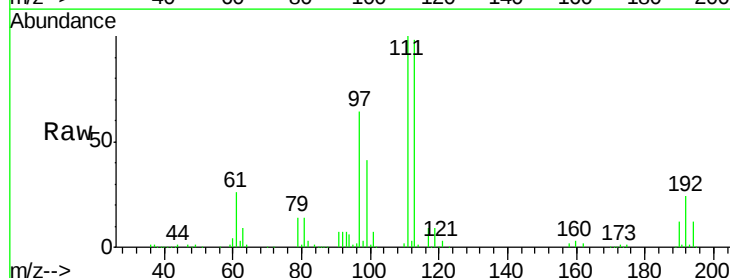
RT: 5.50 min Scan# 806

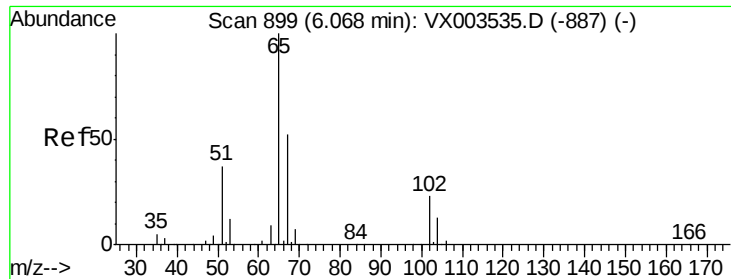
Delta R.T. 0.01 min

Lab File: VX003619.D

Acq: 23 Jul 2018 22:43

Tgt Ion	97	Resp	103759
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.6	77.4
61	40.8	36.4	54.6





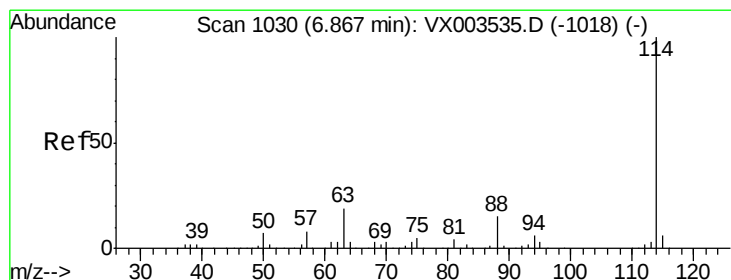
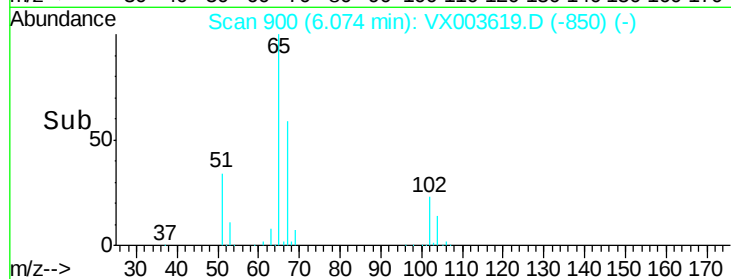
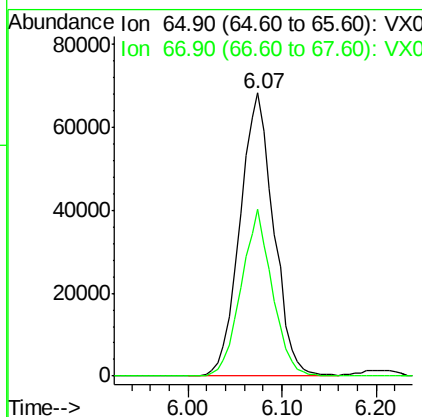
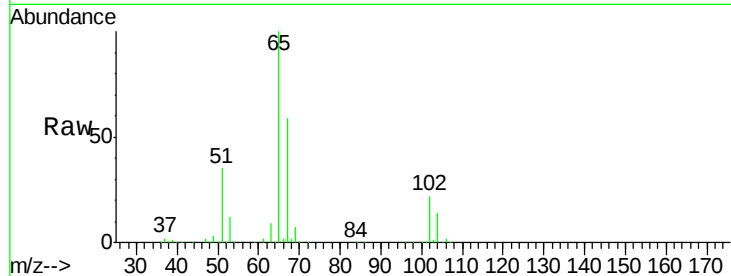
#33
 1,2-Dichloroethane-d4
 Concen: 52.97 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003619.D
 Acq: 23 Jul 2018 22:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	170656		
67	54.5	0.0	102.6	

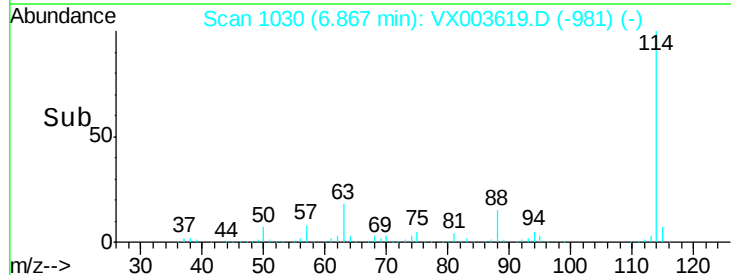
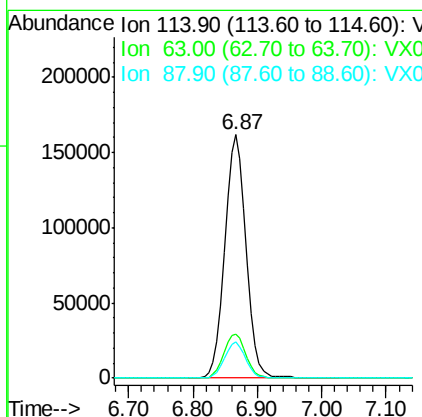
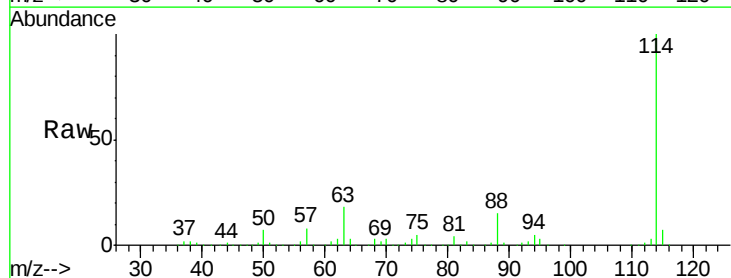
Manual Integrations
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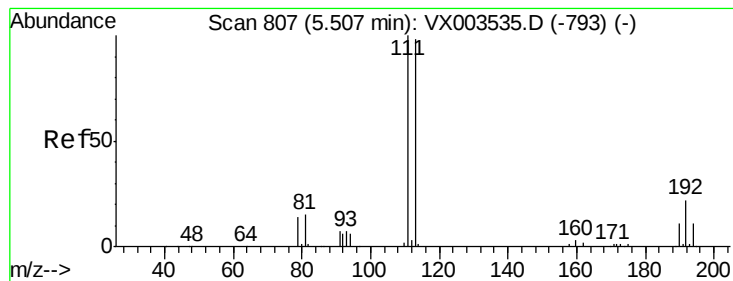
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003619.D
 Acq: 23 Jul 2018 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	377467		
63	18.2	0.0	41.4	
88	14.9	0.0	30.0	





#35

Dibromofluoromethane

Concen: 53.72 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003619.D

Acq: 23 Jul 2018 22:43

Instrument :

MSVOA_X

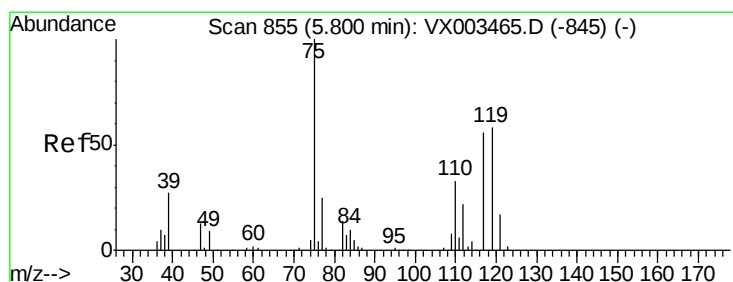
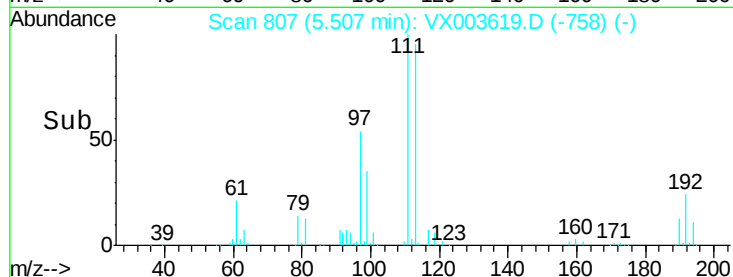
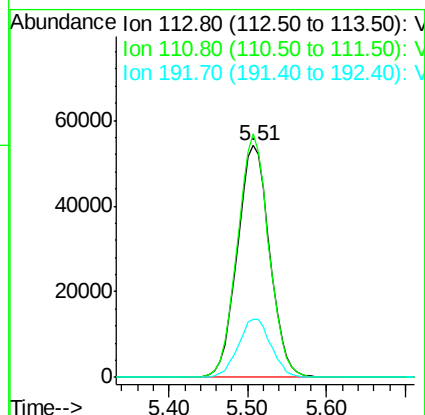
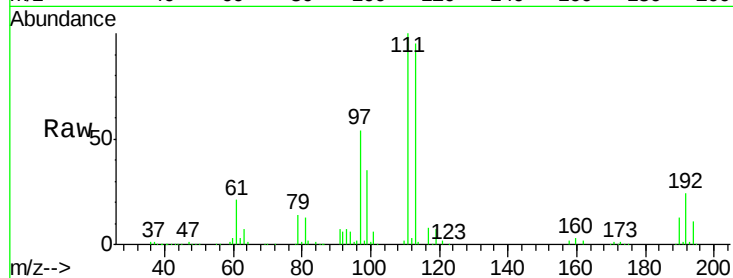
ClientSampleId :

VX0723WBS02

Tot Ion:	113	Resp:	154441
Ion Ratio	Lower	Upper	
113	100		
111	101.9	81.4	122.0
192	25.5	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 21.64 ug/l

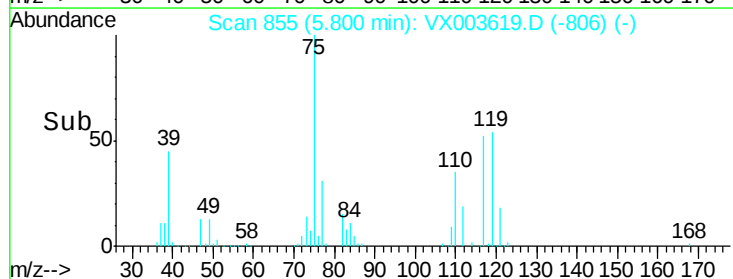
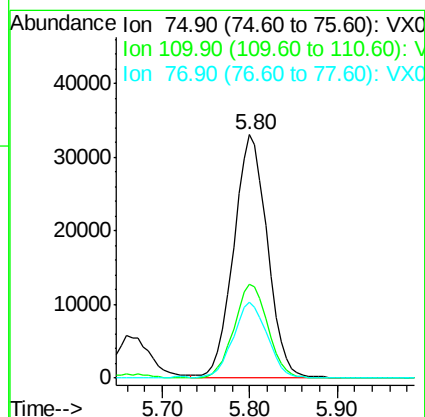
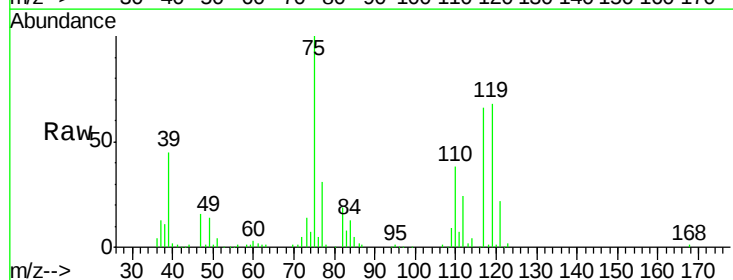
RT: 5.80 min Scan# 855

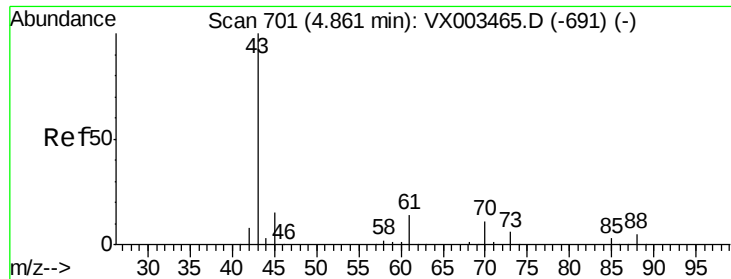
Delta R.T. 0.00 min

Lab File: VX003619.D

Acq: 23 Jul 2018 22:43

Tgt Ion:	75	Resp:	88200
Ion Ratio	Lower	Upper	
75	100		
110	38.8	18.1	54.4
77	31.7	24.3	36.5





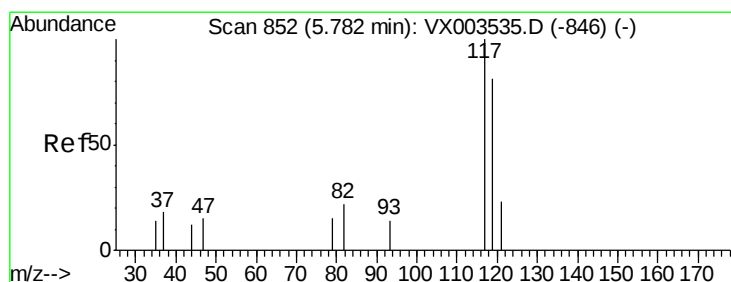
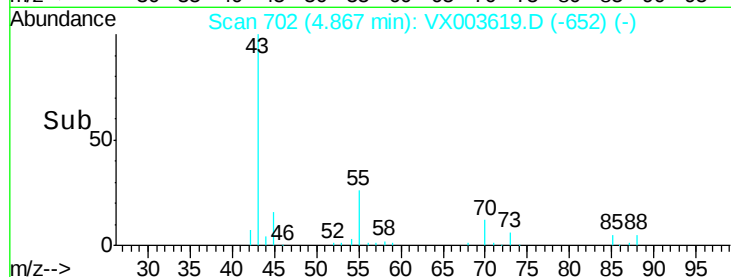
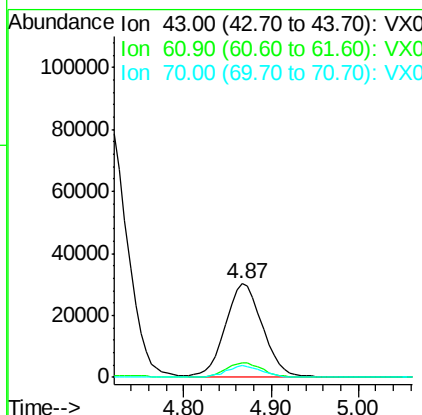
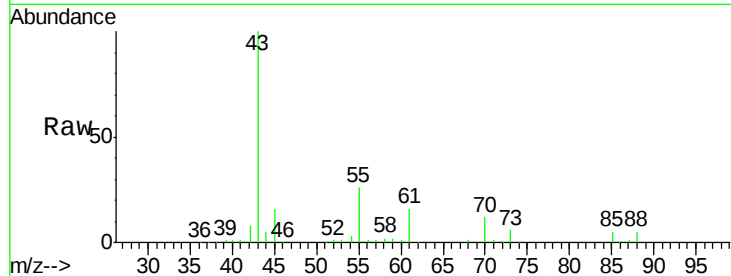
#37
Ethyl Acetate
Concen: 23.15 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.01 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.0	10.4	15.6#
70	11.9	7.6	11.4#

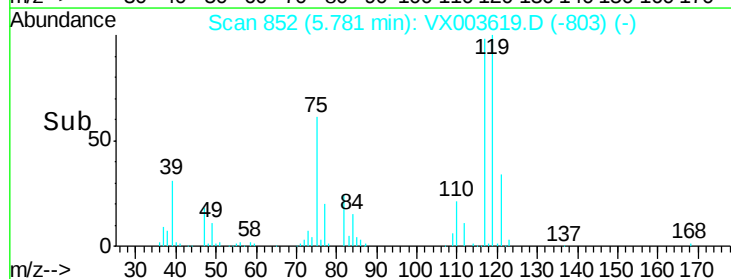
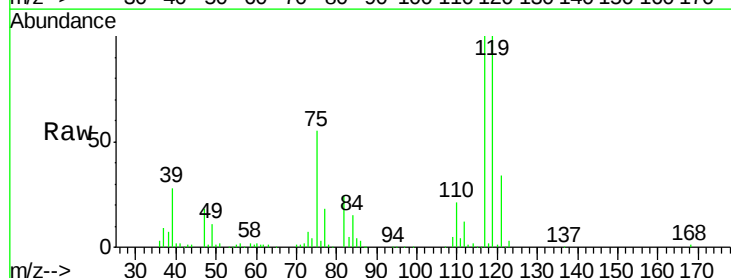
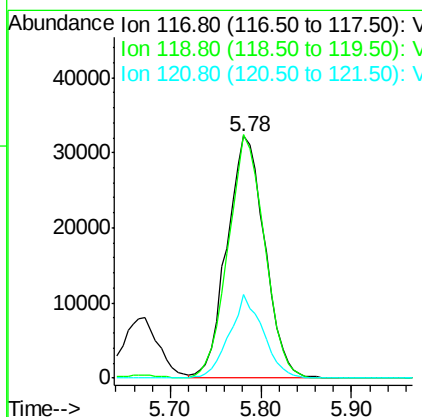
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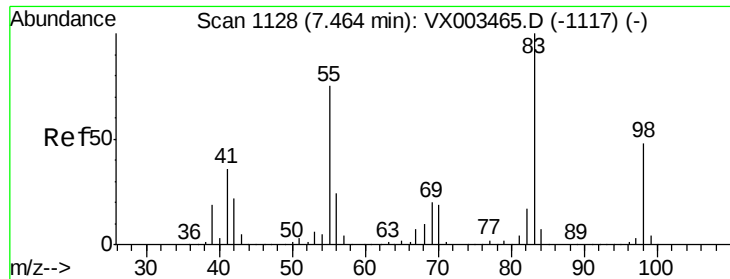
MMDadoda
7/24/2018 3:54:48 PM



#38
Carbon Tetrachloride
Concen: 23.35 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.5	77.4	116.0
121	34.3	24.4	36.6





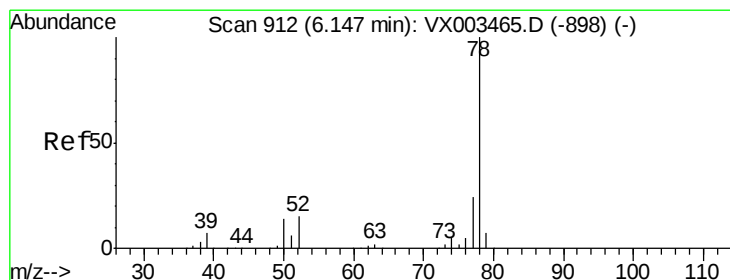
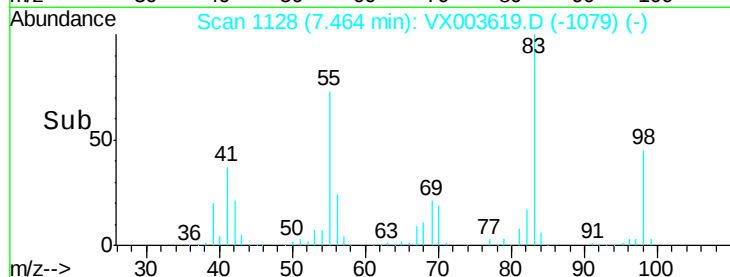
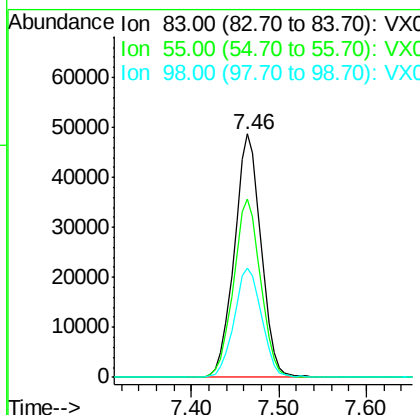
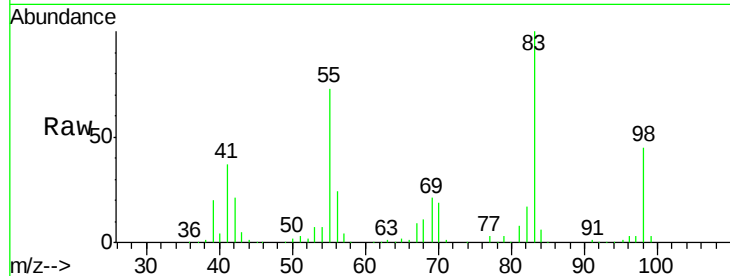
#39
Methvlcvclohexane
Concen: 21.37 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	73.1	65.4	98.0	
98	45.0	37.4	56.0	

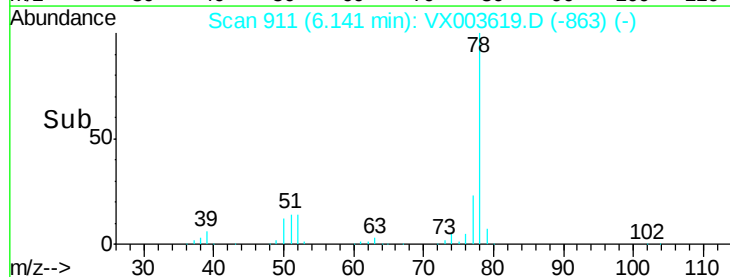
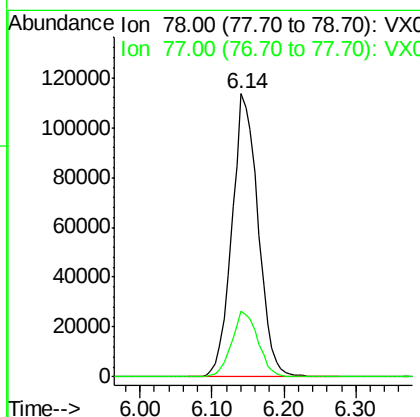
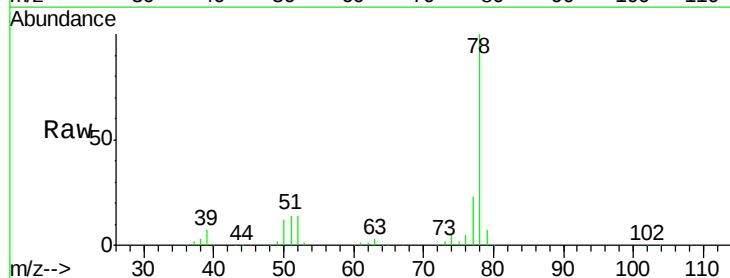
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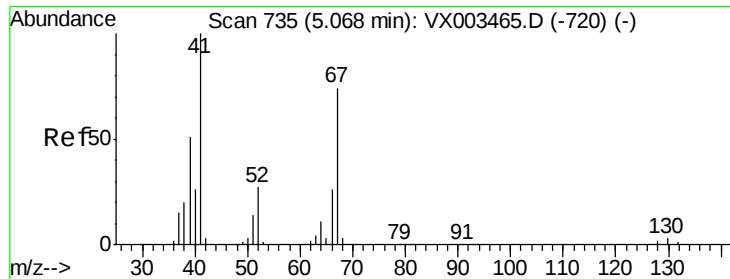
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#40
Benzene
Concen: 23.25 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.3	19.1	28.7	





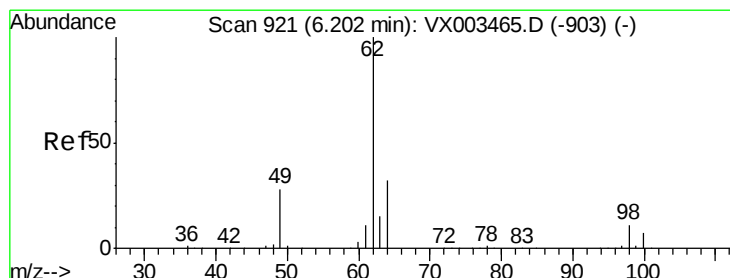
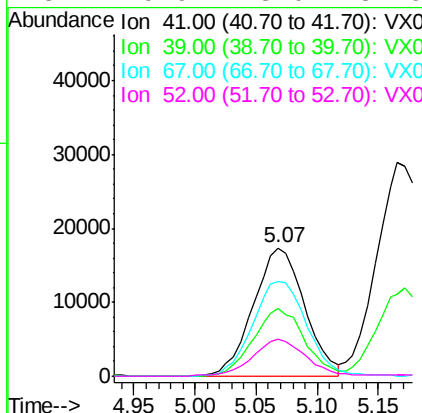
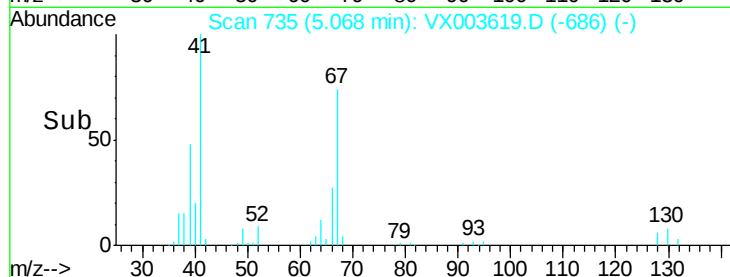
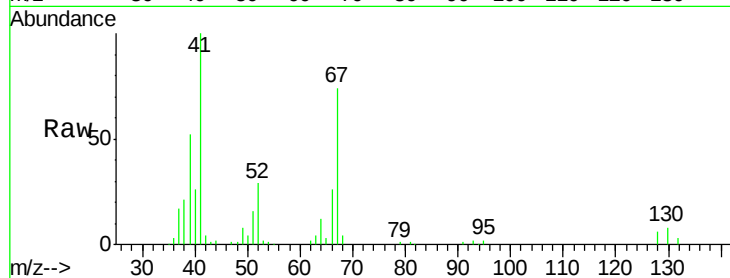
#41
Methacrylonitrile
Concen: 22.24 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.5	45.8	68.6	
67	78.6	51.3	76.9	
52	29.9	23.0	34.6	

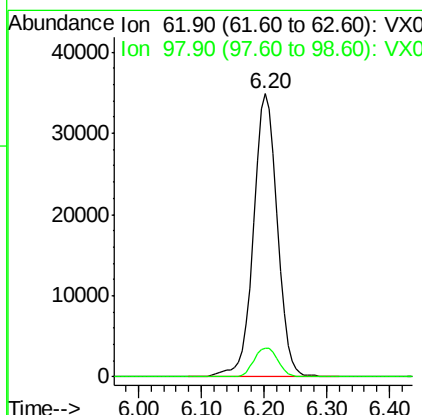
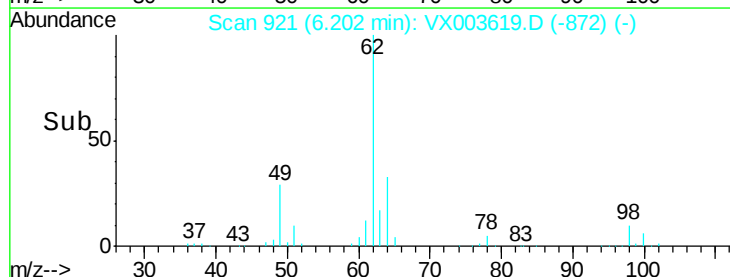
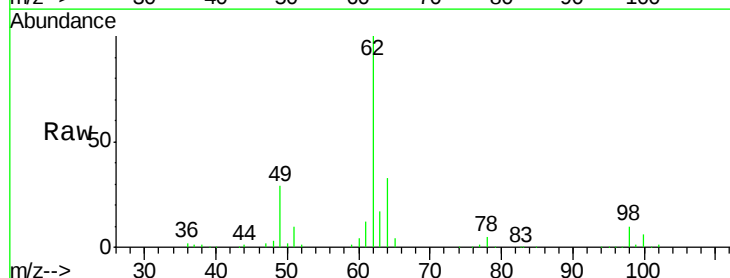
Manual Integrations
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7/24/2018 3:54:48 PM



#42
1,2-Dichloroethane
Concen: 23.66 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.4	0.0	16.6	





#43

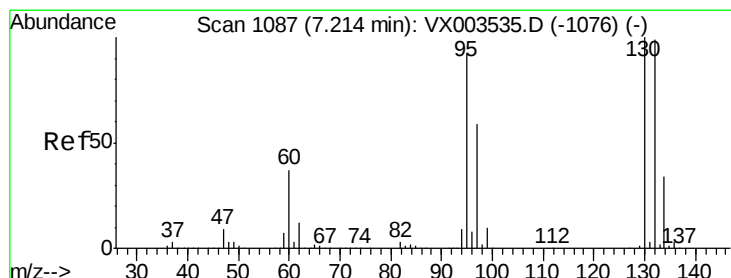
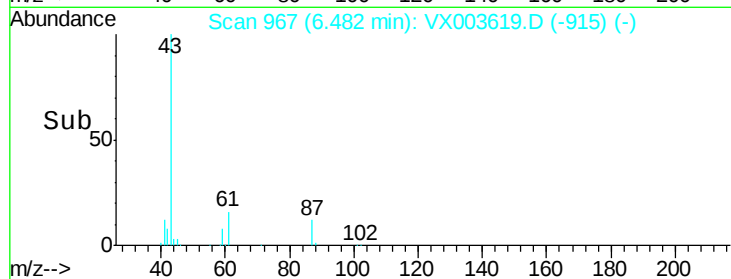
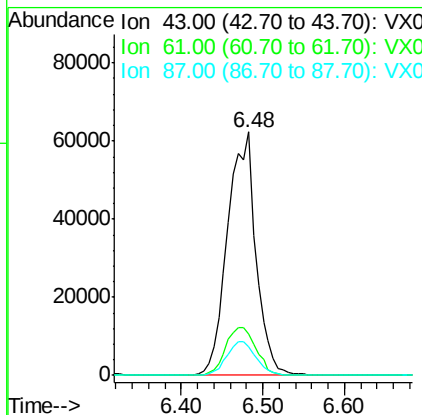
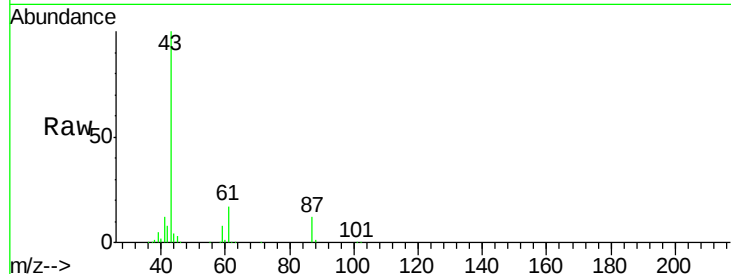
Isopropyl Acetate
 Concen: 24.34 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.02 min
 Lab File: VX003619.D
 Acq: 23 Jul 2018 22:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.2	14.4	21.6
87	14.3	9.5	14.3#

Manual Integrations
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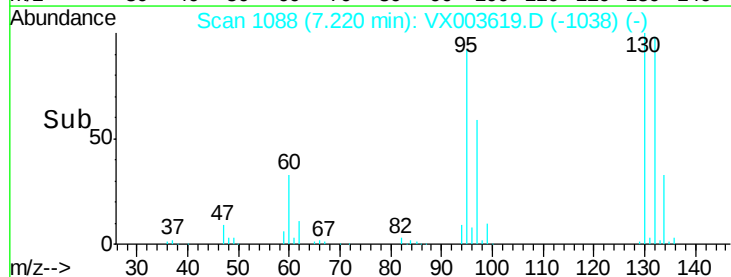
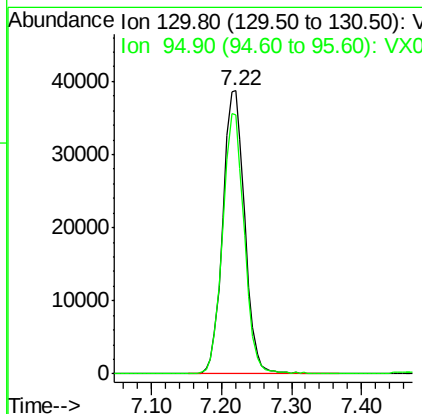
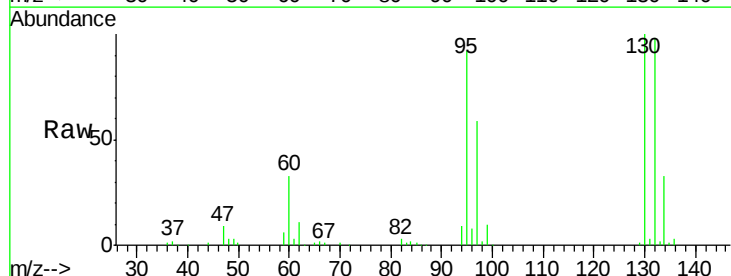
MMDadoda
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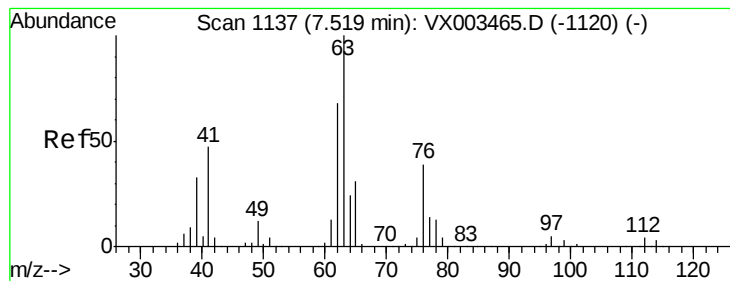


#44

Trichloroethene
 Concen: 22.93 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003619.D
 Acq: 23 Jul 2018 22:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.7	0.0	185.4





#45

1,2-Dichloropropane

Concen: 23.78 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003619.D

Acq: 23 Jul 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS02

Tot Ion: 63 Resp: 74286

Ion Ratio Lower Upper

63 100

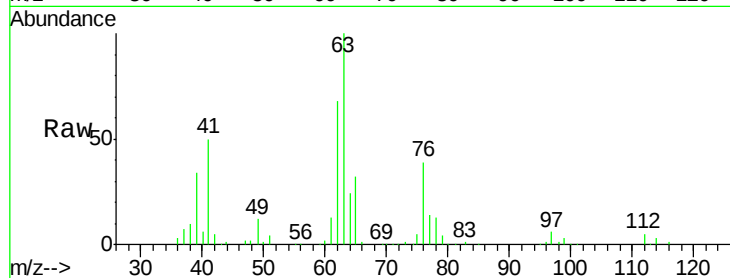
65 31.5 24.7 37.1

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

40000

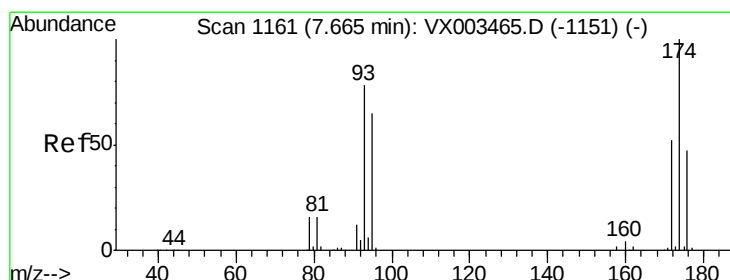
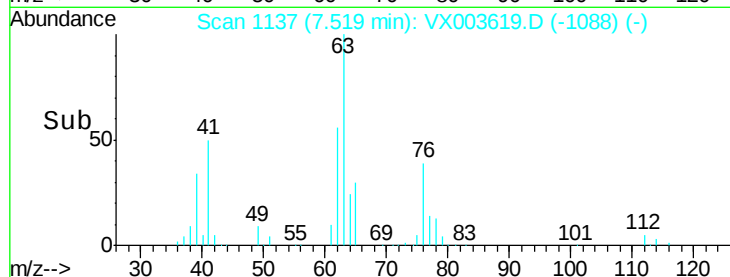
30000

20000

10000

0

Time-->



#46

Dibromomethane

Concen: 24.20 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003619.D

Acq: 23 Jul 2018 22:43

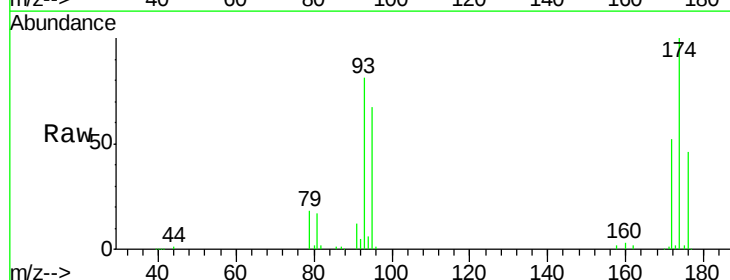
Tgt Ion: 93 Resp: 48673

Ion Ratio Lower Upper

93 100

95 83.8 65.9 98.9

174 126.2 92.4 138.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.67

40000

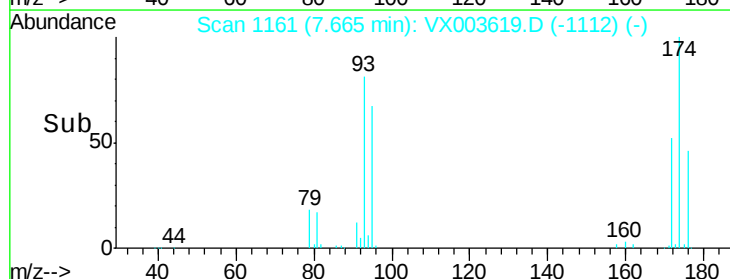
30000

20000

10000

0

Time-->





#47

Bromodichloromethane

Concen: 24.53 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003619.D

Acq: 23 Jul 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS02

Tot Ion: 83 Resp: 90332

Ion Ratio Lower Upper

83 100

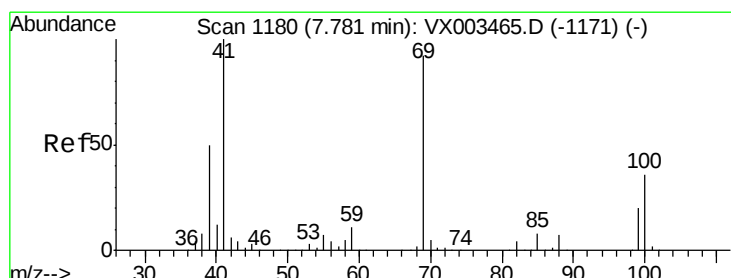
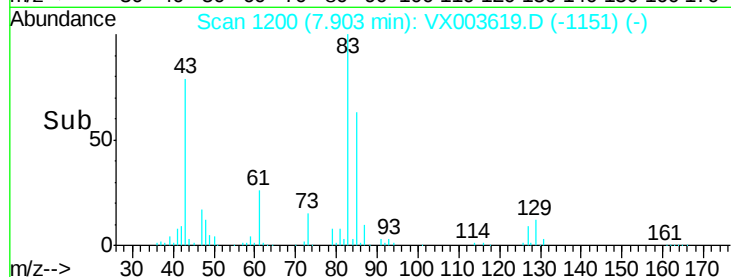
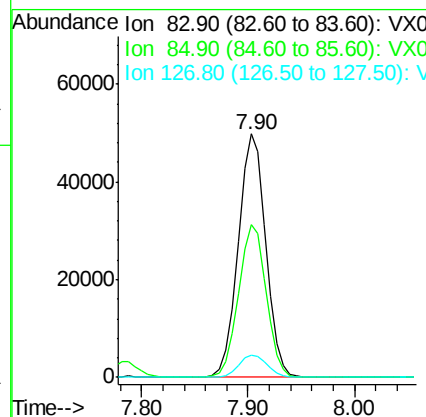
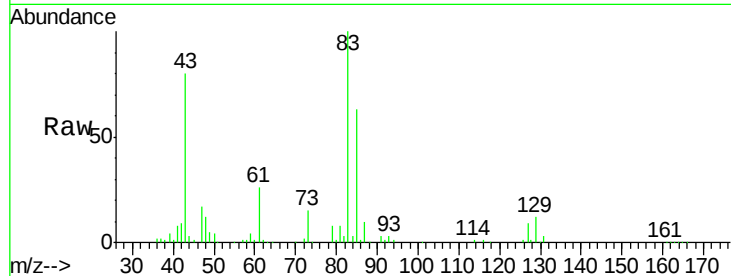
85 63.0 50.3 75.5

127 9.1 7.0 10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 24.91 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003619.D

Acq: 23 Jul 2018 22:43

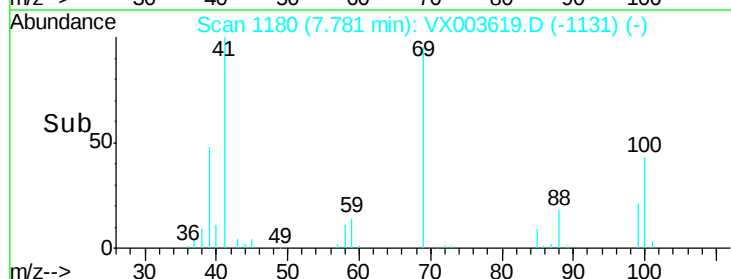
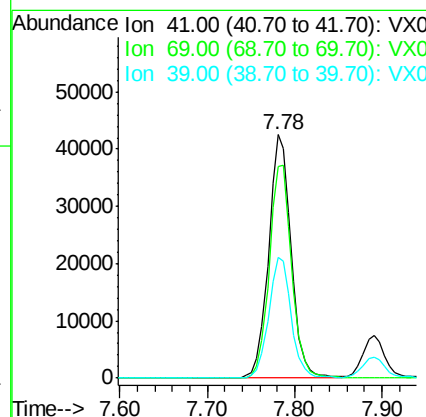
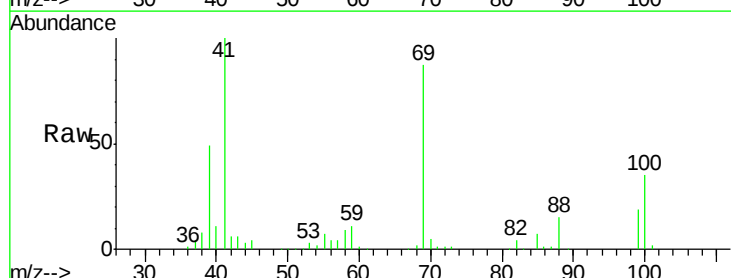
Tgt Ion: 41 Resp: 77062

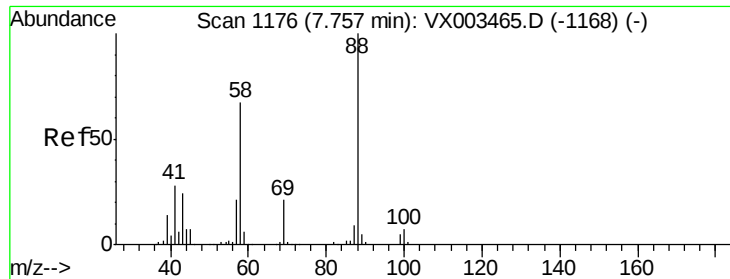
Ion Ratio Lower Upper

41 100

69 87.6 59.1 88.7

39 48.7 48.9 73.3#





#49

1,4-Dioxane

Concen: 517.48 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX003619.D

Acq: 23 Jul 2018 22:43

Instrument :

MSVOA_X

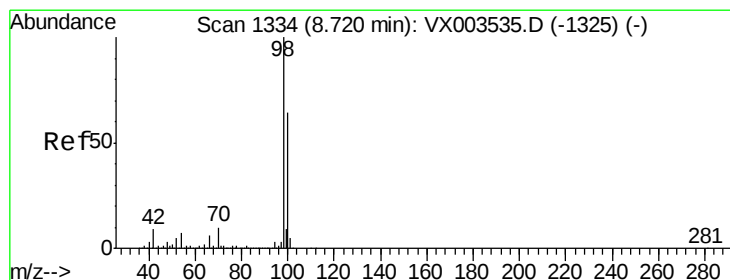
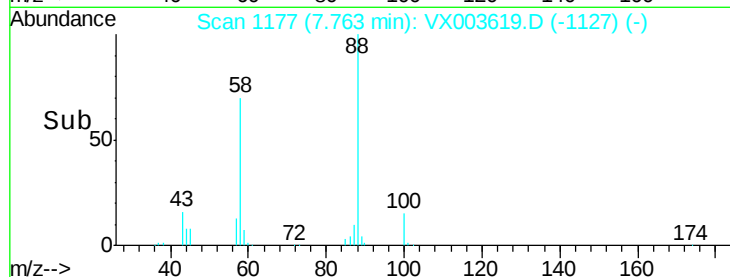
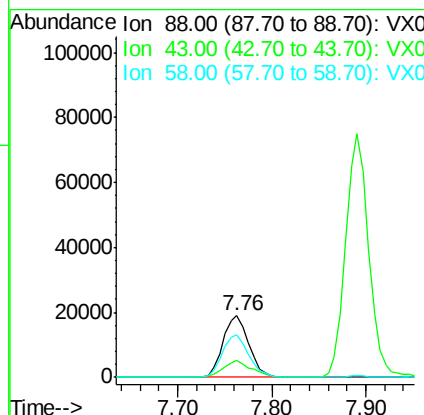
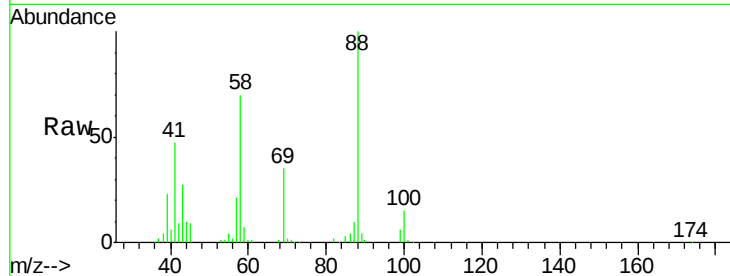
ClientSampleId :

VX0723WBS02

Tot Ion	88	Resp	36273
Ion Ratio	Lower	Upper	
88	100		
43	28.5	29.8	44.6#
58	71.1	57.1	85.7

Manual Integrations
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#50

Toluene-d8

Concen: 54.69 ug/l

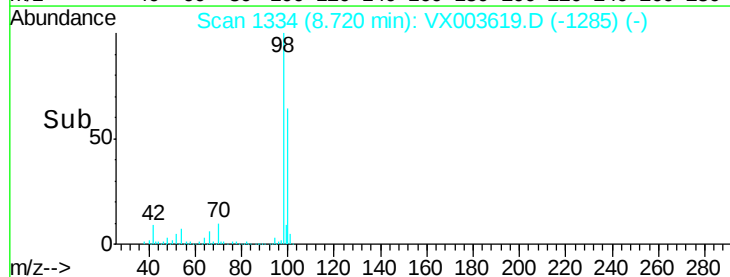
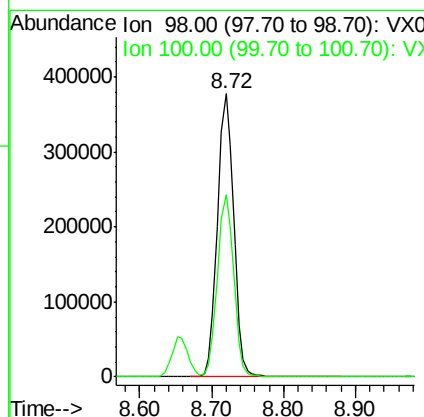
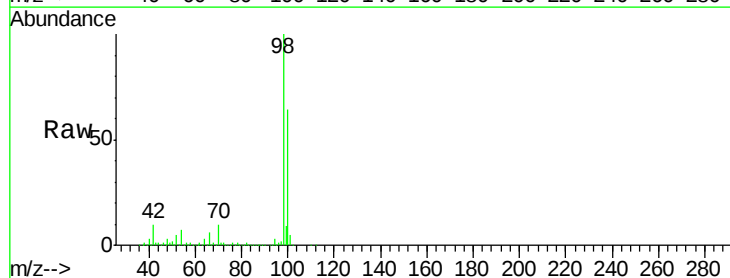
RT: 8.72 min Scan# 1334

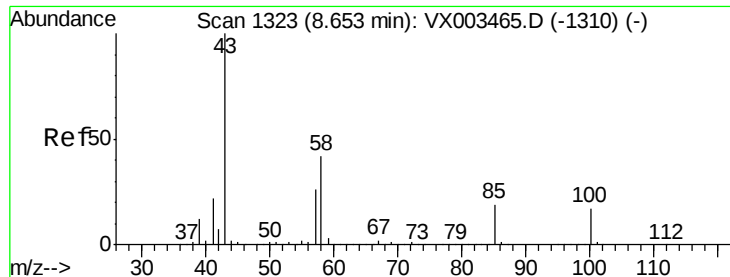
Delta R.T. 0.00 min

Lab File: VX003619.D

Acq: 23 Jul 2018 22:43

Tgt Ion	98	Resp	591028
Ion Ratio	Lower	Upper	
98	100		
100	64.4	50.9	76.3





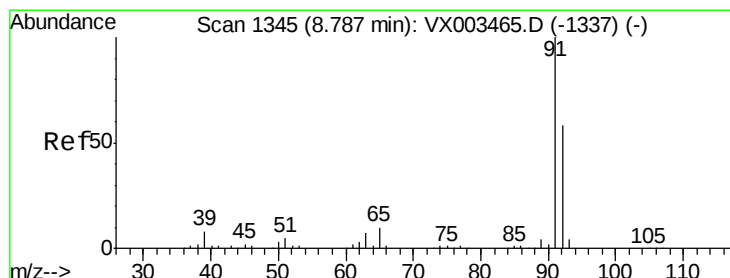
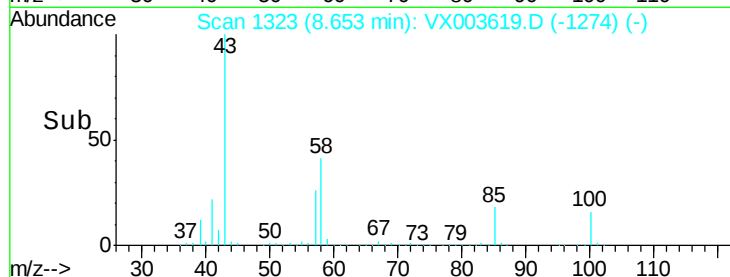
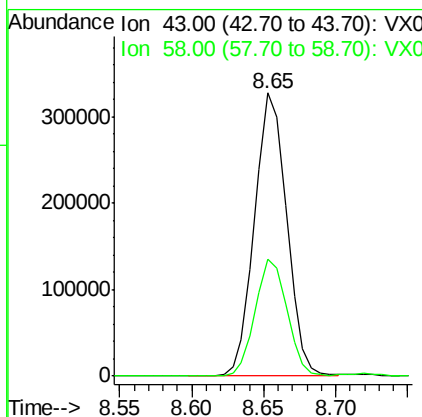
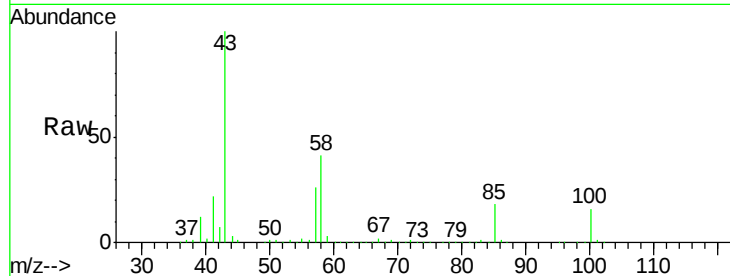
#51
4-Methyl-2-Pentanone
Concen: 130.63 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion	43	58	Resp	Lower	Upper
43	100				
58	41.0		28.6	42.8	

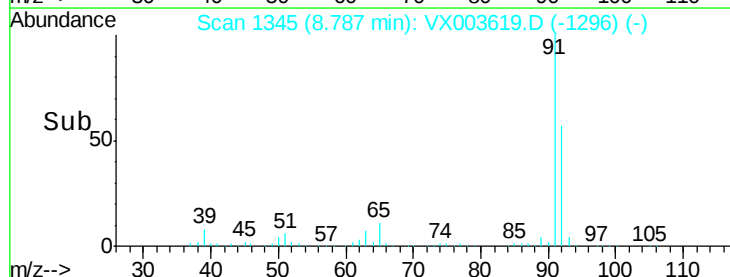
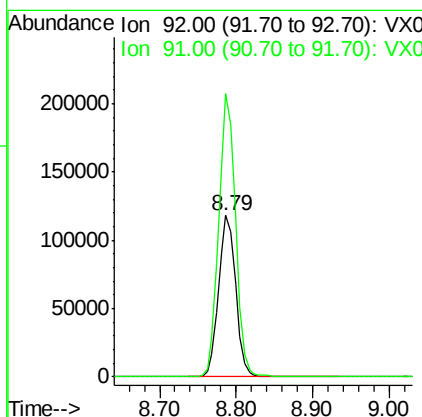
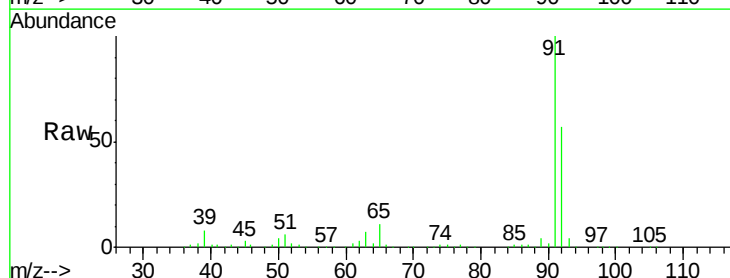
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#52
Toluene
Concen: 23.65 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Tgt Ion	92	91	Resp	Lower	Upper
92	100				
91	172.9		140.4	210.6	





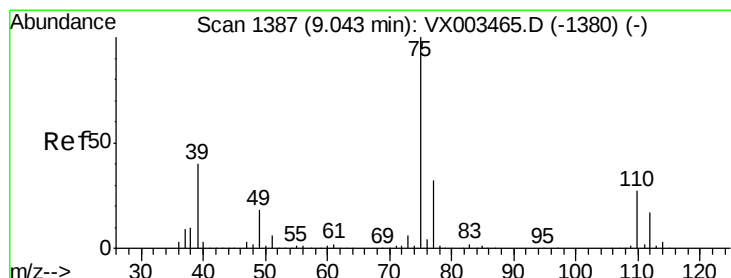
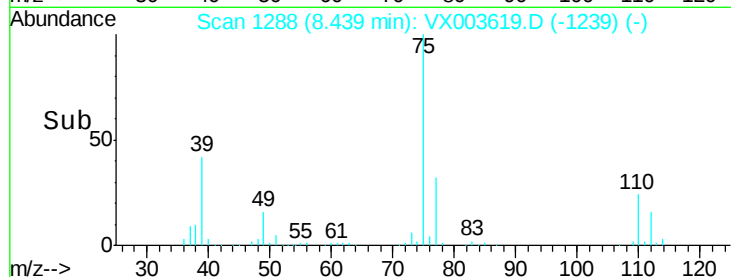
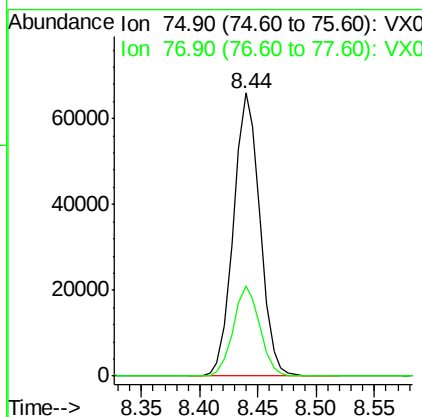
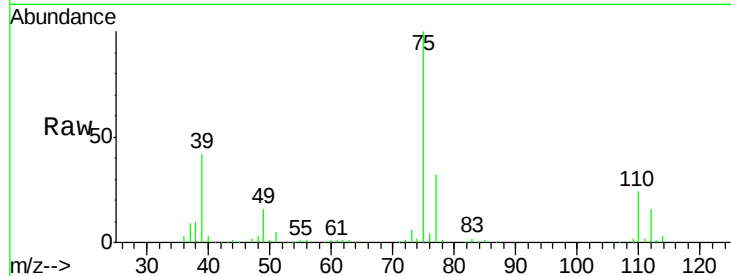
#53
 t-1,3-Dichloropropene
 Concen: 23.07 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003619.D
 Acq: 23 Jul 2018 22:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.4	38.2

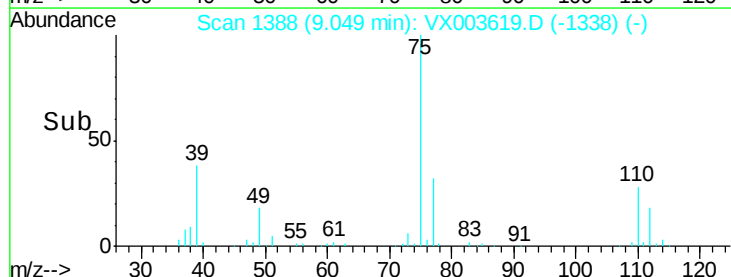
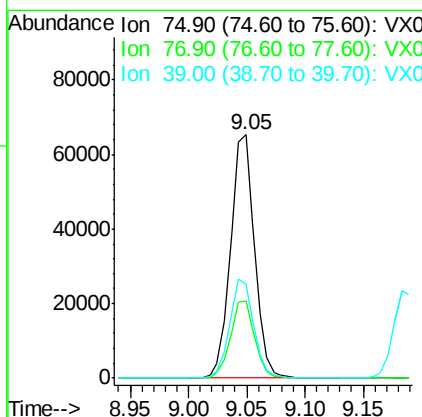
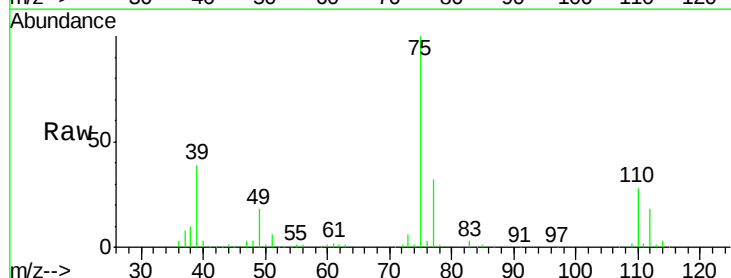
Manual Integrations
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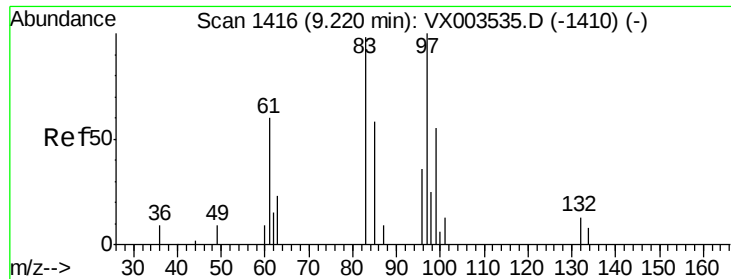
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#54
 cis-1,3-Dichloropropene
 Concen: 22.96 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: VX003619.D
 Acq: 23 Jul 2018 22:43

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.8	37.2
39	38.5	42.4	63.6#





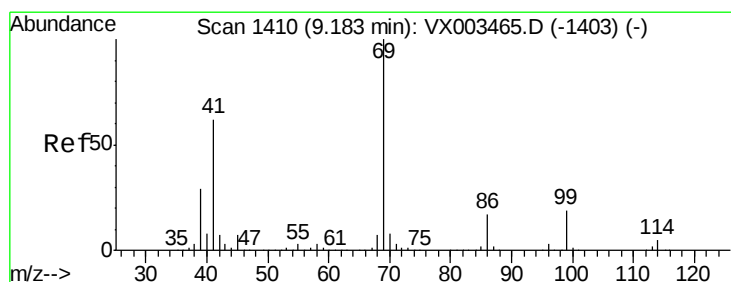
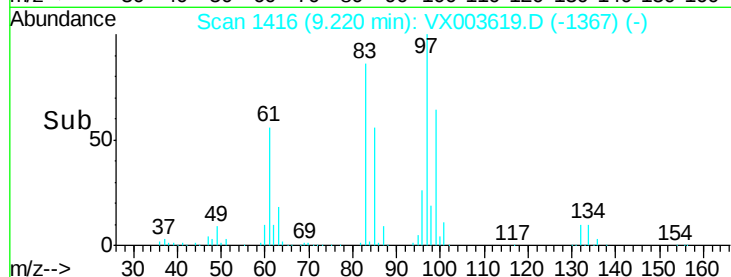
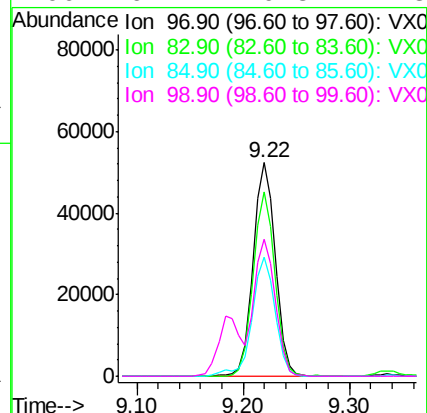
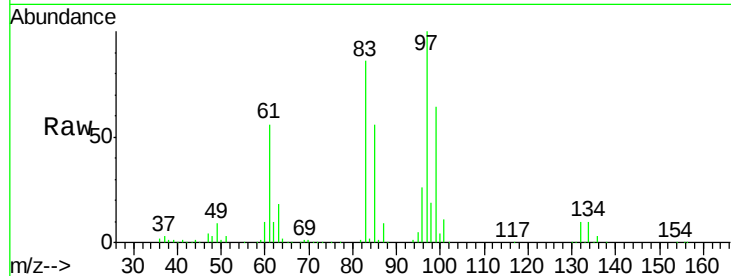
#55
1,1,2-Trichloroethane
Concen: 24.94 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion:	97	Resp:	76855
Ion	Ratio	Lower	Upper
97	100		
83	86.4	70.2	105.2
85	55.6	44.9	67.3
99	64.4	49.8	74.8

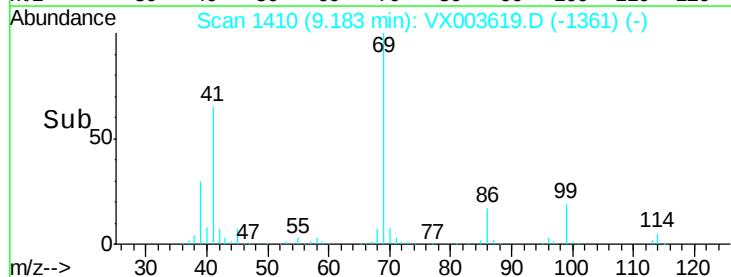
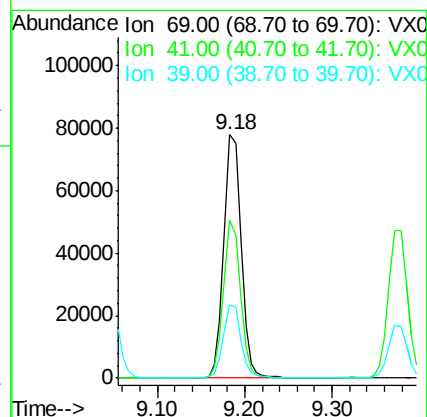
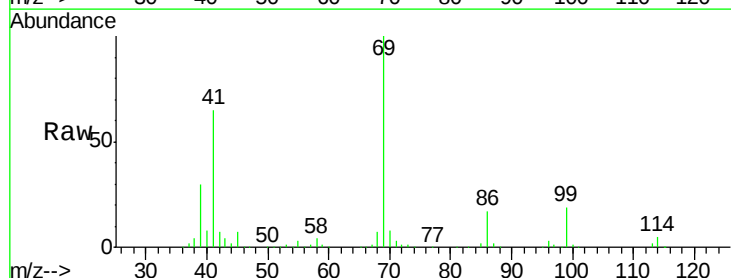
Manual Integrations
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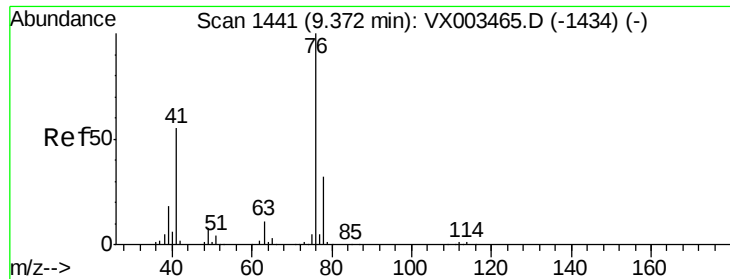
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#56
Ethyl methacrylate
Concen: 24.77 ug/l
RT: 9.18 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Tgt Ion:	69	Resp:	107516
Ion	Ratio	Lower	Upper
69	100		
41	63.0	60.3	90.5
39	30.4	35.8	53.8#





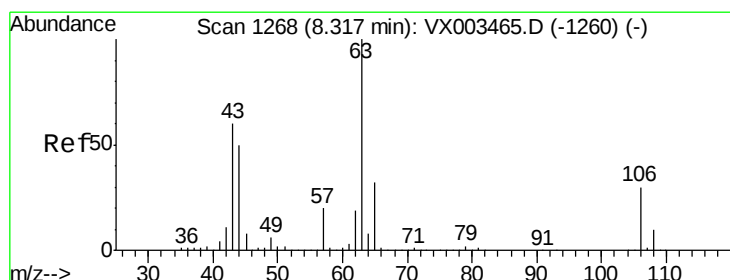
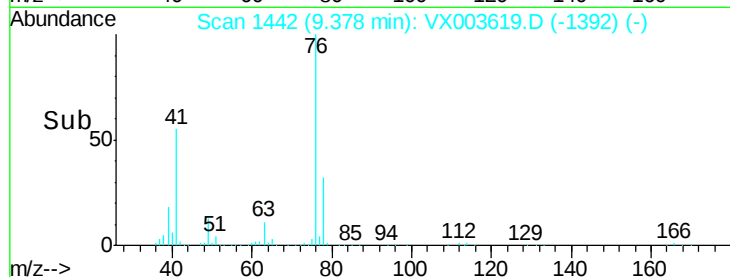
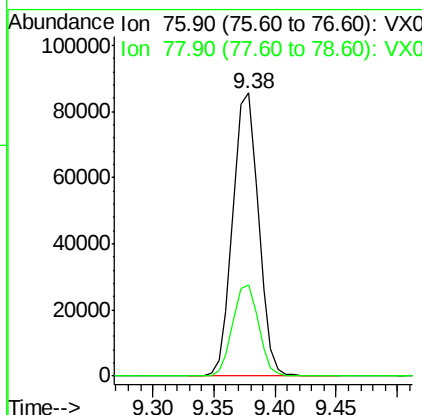
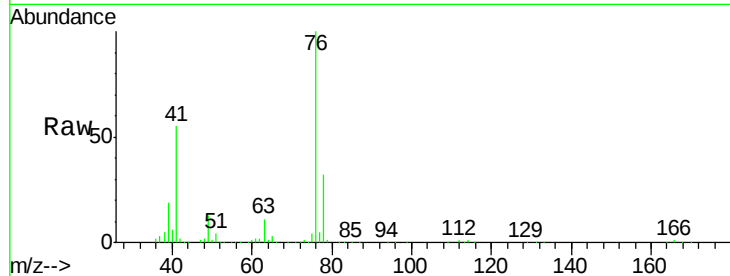
#57
 1,3-Dichloropropane
 Concen: 24.96 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: VX003619.D
 Acq: 23 Jul 2018 22:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.8	38.6

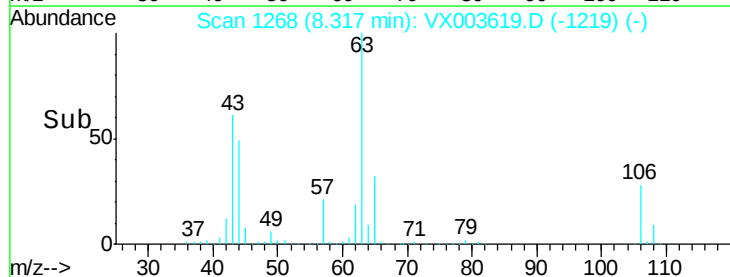
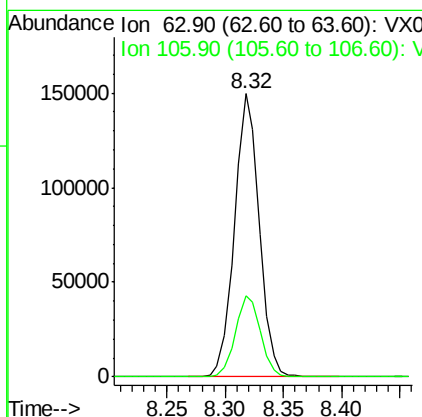
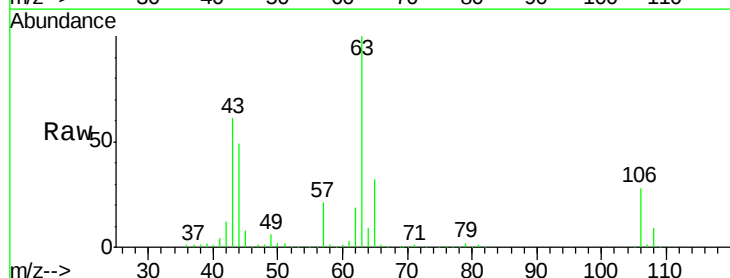
Manual Integrations
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 7/24/2018 3:54:48 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 104.99 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003619.D
 Acq: 23 Jul 2018 22:43

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.0	21.8	32.8





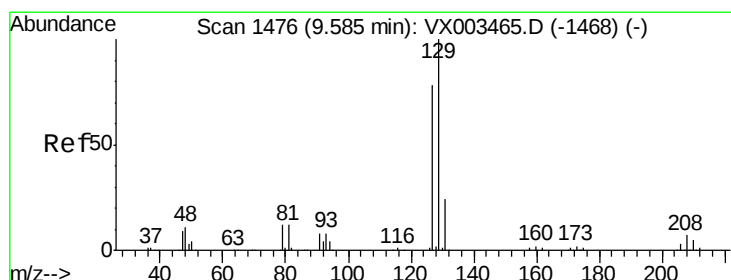
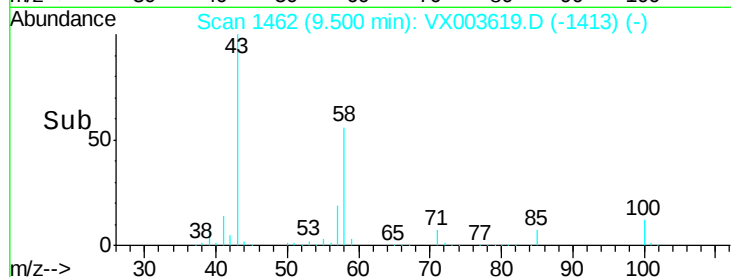
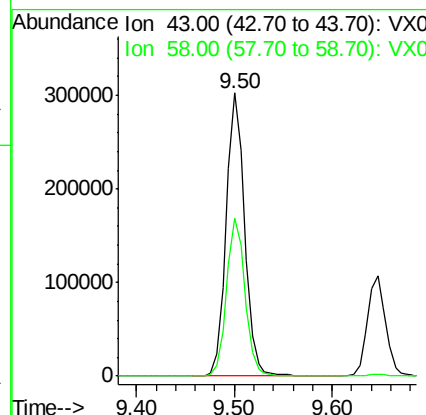
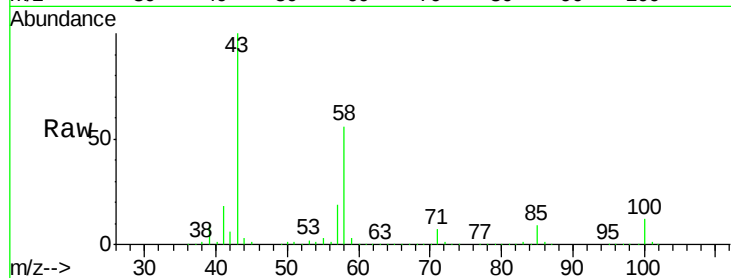
#59
2-Hexanone
Concen: 138.36 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion: 43 Resp: 397307
Ion Ratio Lower Upper
43 100
58 56.0 24.6 73.6

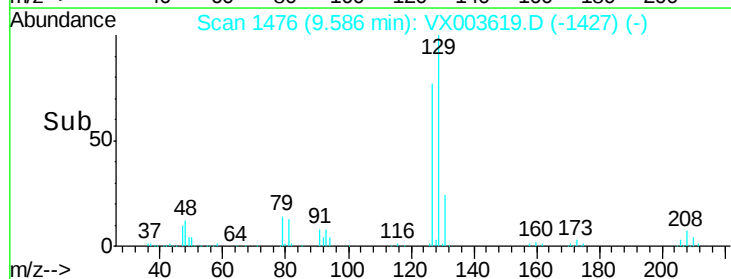
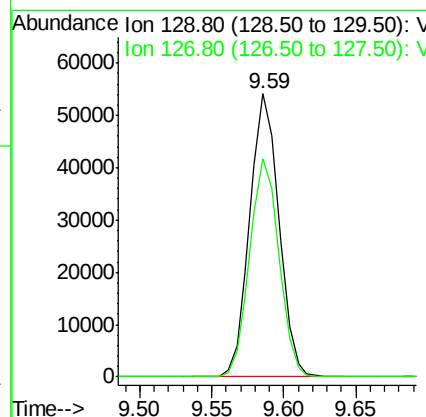
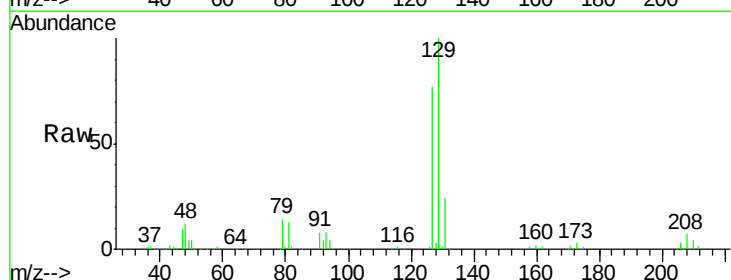
Manual Integrations
APPROVED

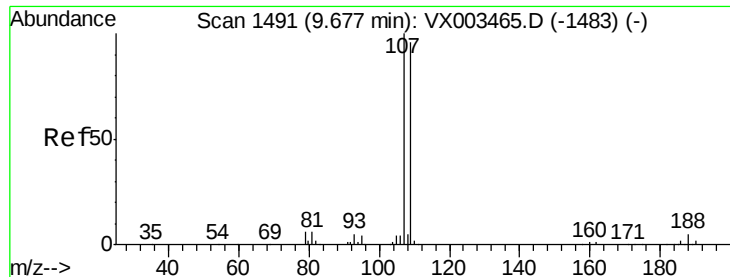
MMDadoda
7/24/2018 3:54:48 PM



#60
Dibromochloromethane
Concen: 24.83 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Tgt Ion: 129 Resp: 75737
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3





#61

1,2-Dibromoethane

Concen: 24.82 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003619.D

Acq: 23 Jul 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS02

Tot Ion:107 Resp: 79310

Ion Ratio Lower Upper

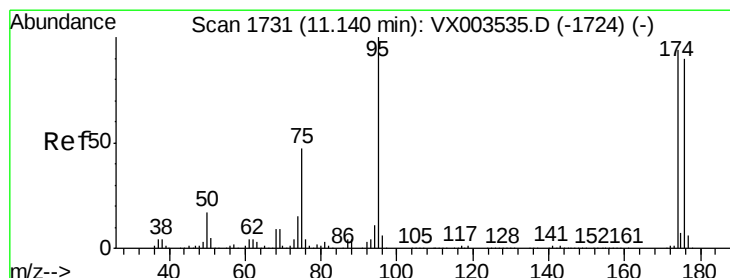
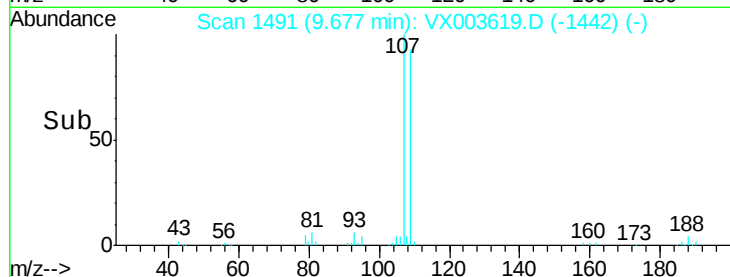
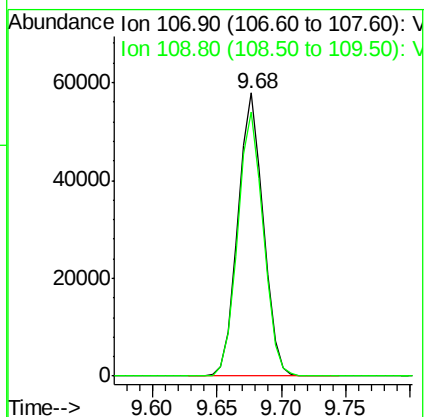
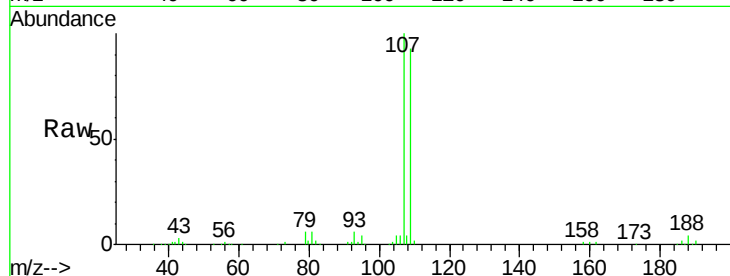
107 100

109 94.2 75.3 112.9

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 54.45 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003619.D

Acq: 23 Jul 2018 22:43

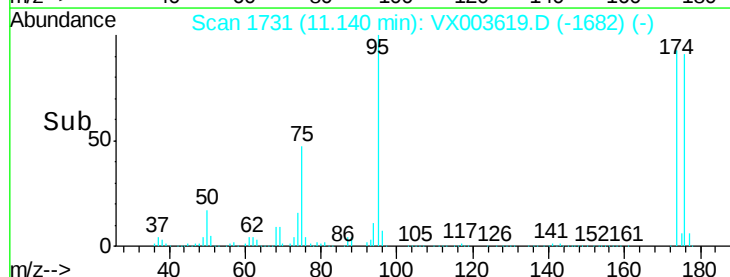
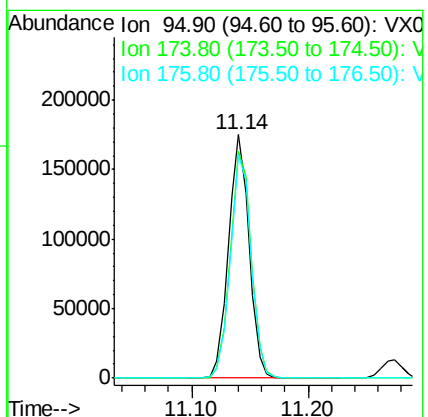
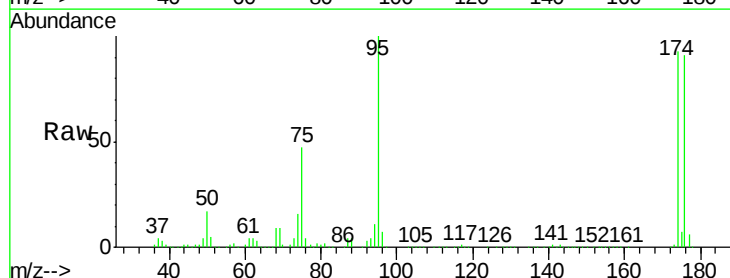
Tgt Ion: 95 Resp: 214729

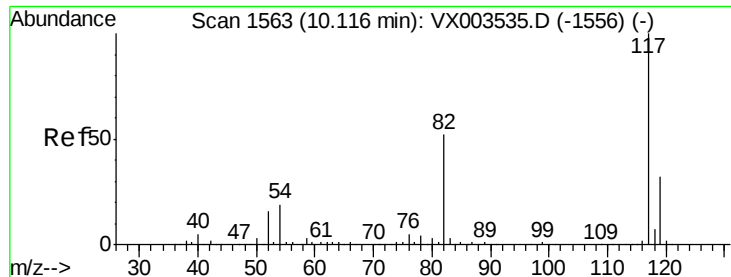
Ion Ratio Lower Upper

95 100

174 95.7 0.0 187.4

176 93.0 0.0 181.0





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003619.D

Acq: 23 Jul 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS02

Tot Ion:117 Resp: 369525

Ion Ratio Lower Upper

117 100

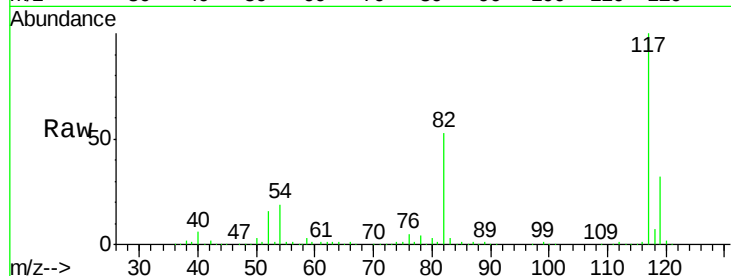
82 52.9 45.0 67.4

119 32.4 25.8 38.6

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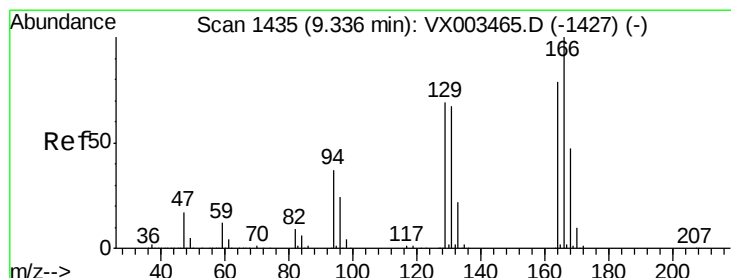
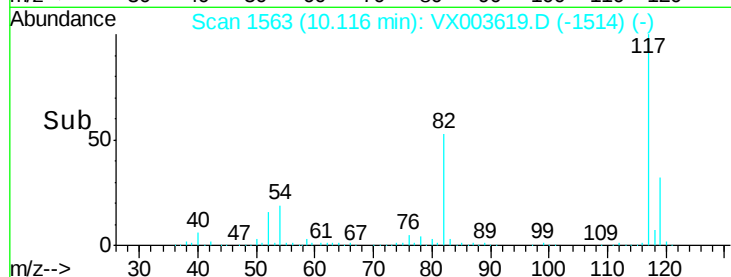
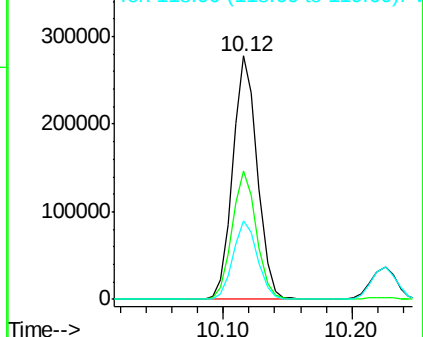
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Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 22.59 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. 0.00 min

Lab File: VX003619.D

Acq: 23 Jul 2018 22:43

Tgt Ion:164 Resp: 101701

Ion Ratio Lower Upper

164 100

166 125.4 102.9 154.3

129 87.4 68.6 102.8

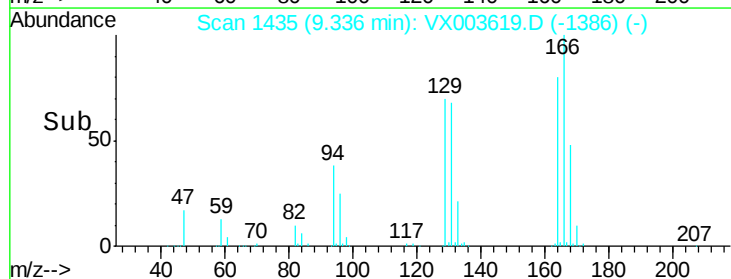
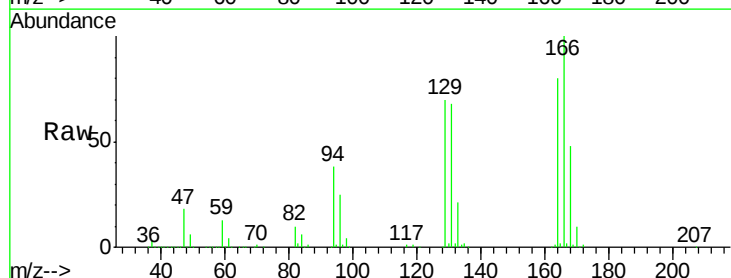
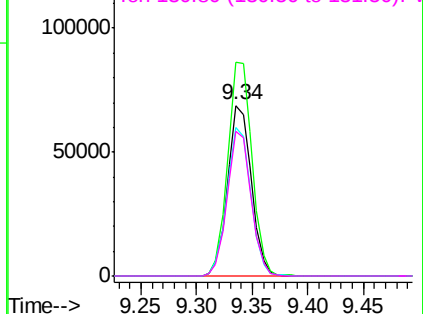
131 85.1 66.8 100.2

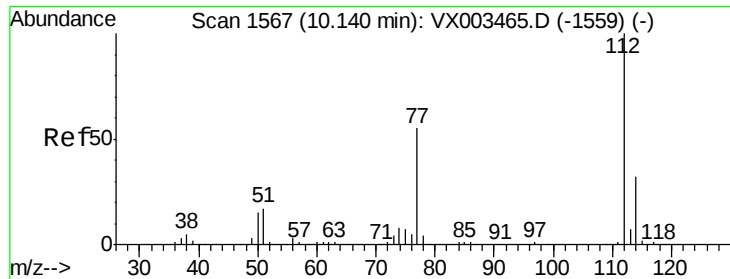
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





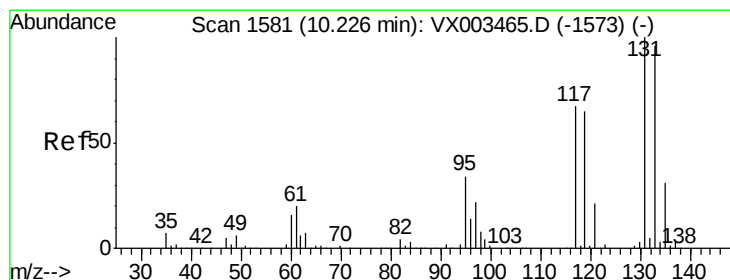
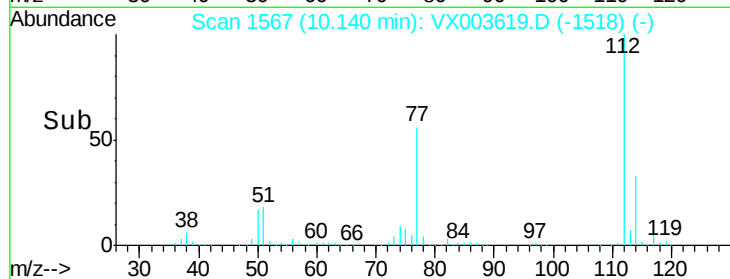
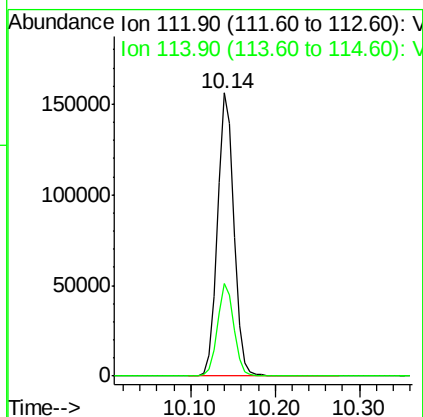
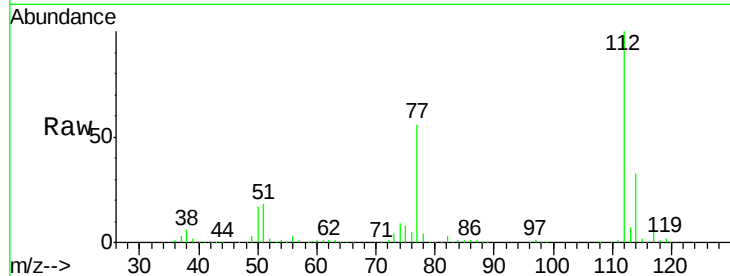
#65
Chlorobenzene
Concen: 22.22 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion:112 Resp: 211536
Ion Ratio Lower Upper
112 100
114 32.6 25.3 37.9

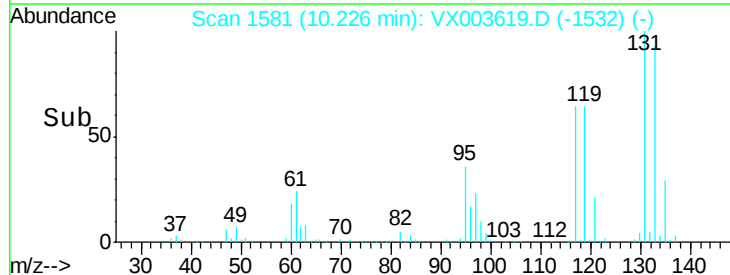
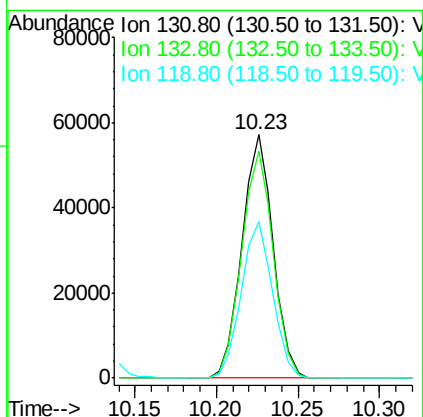
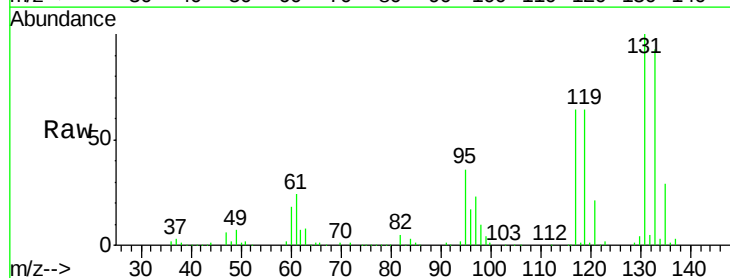
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#66
1,1,1,2-Tetrachloroethane
Concen: 23.30 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Tgt Ion:131 Resp: 76331
Ion Ratio Lower Upper
131 100
133 94.5 47.9 143.6
119 64.9 31.8 95.3





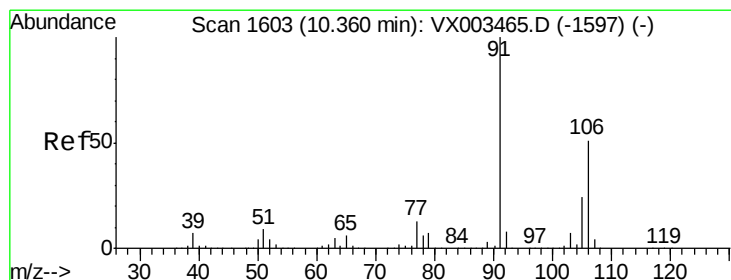
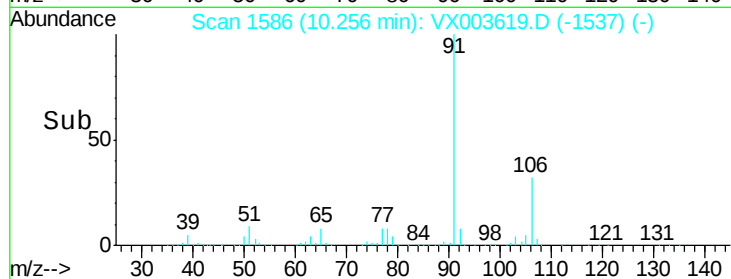
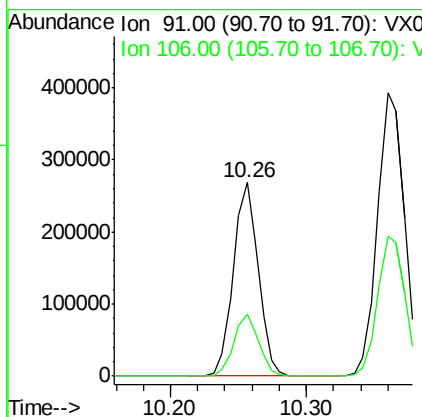
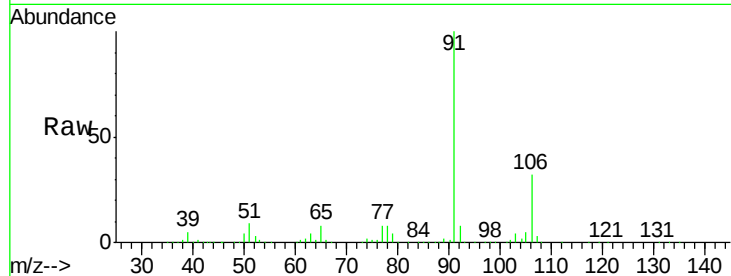
#67
Ethyl Benzene
Concen: 22.38 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion: 91 Resp: 342657
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3

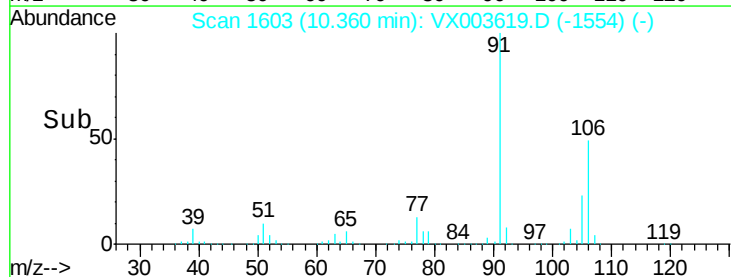
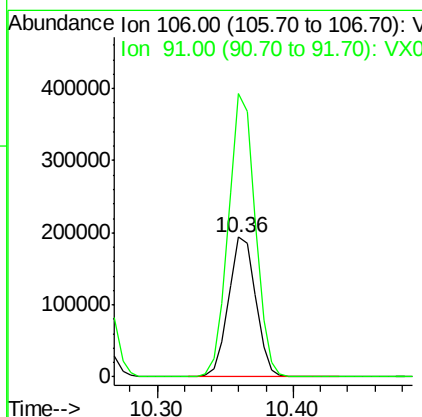
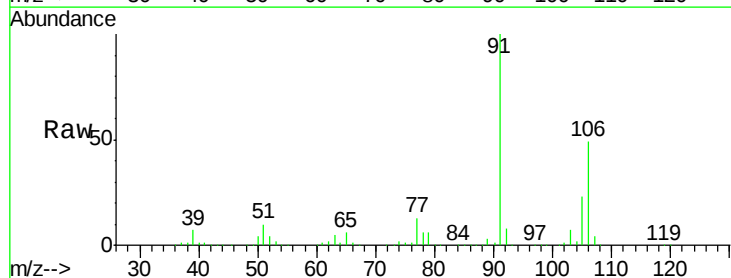
Manual Integrations
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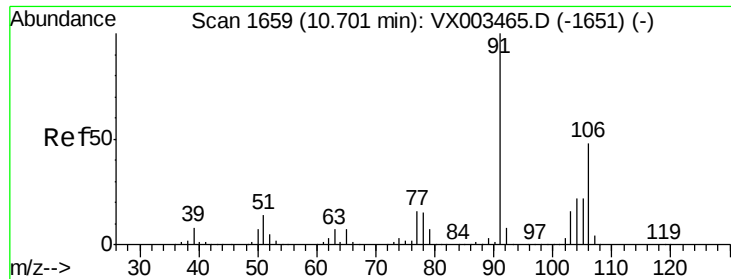
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#68
m/p-Xylenes
Concen: 44.97 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Tgt Ion: 106 Resp: 269897
Ion Ratio Lower Upper
106 100
91 199.9 163.4 245.2





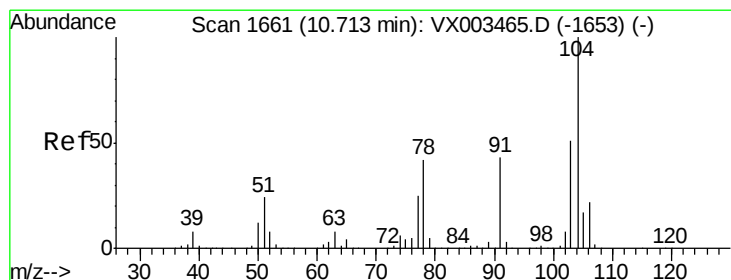
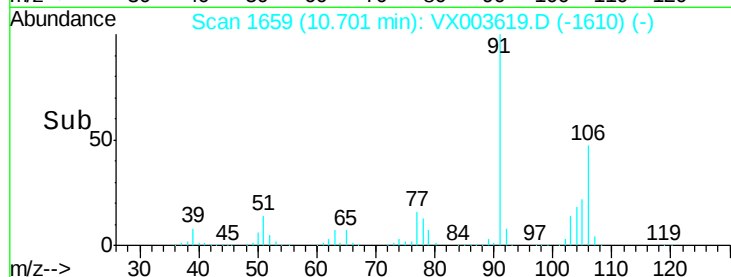
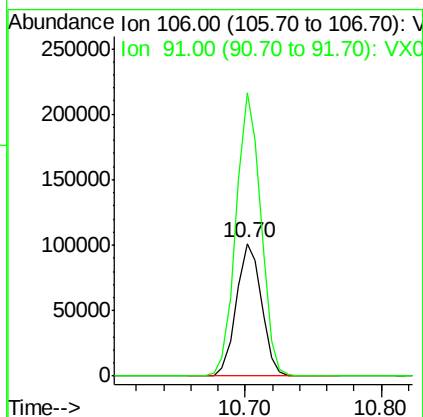
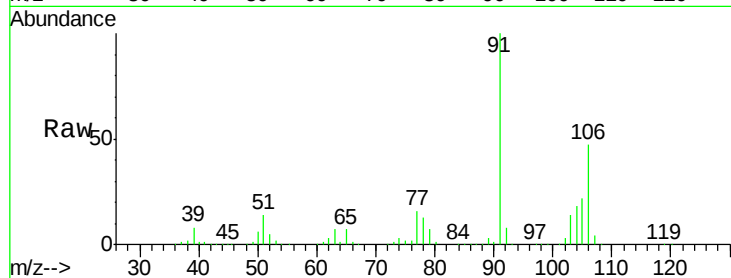
#69
o-Xylene
Concen: 22.36 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	211.4	108.2	324.6

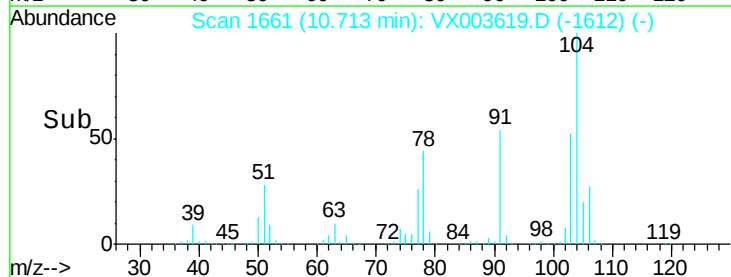
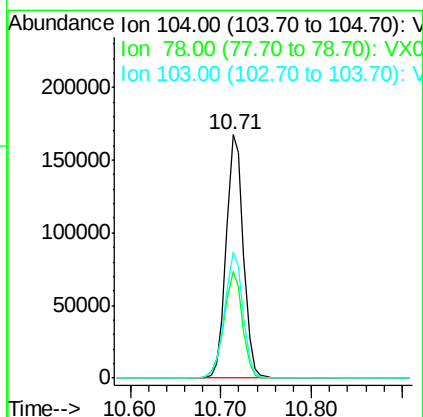
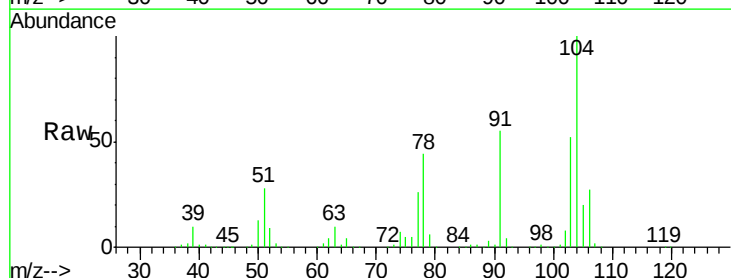
Manual Integrations
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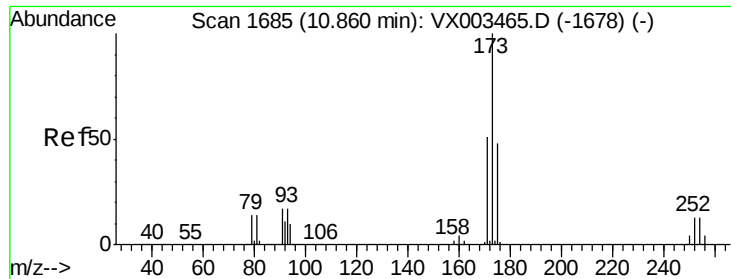
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#70
Styrene
Concen: 23.11 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.1	41.0	61.6
103	55.3	44.2	66.4





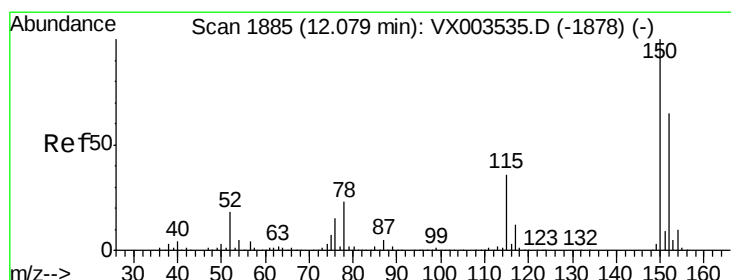
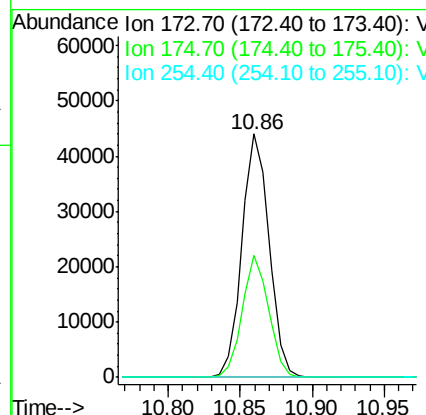
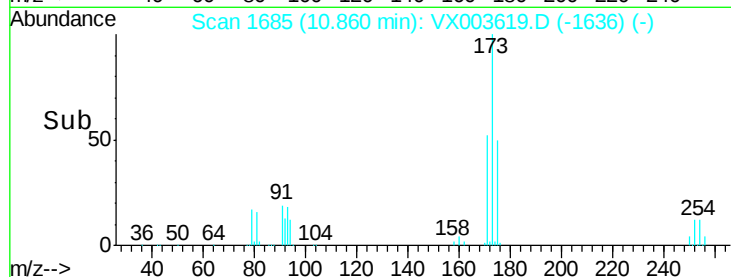
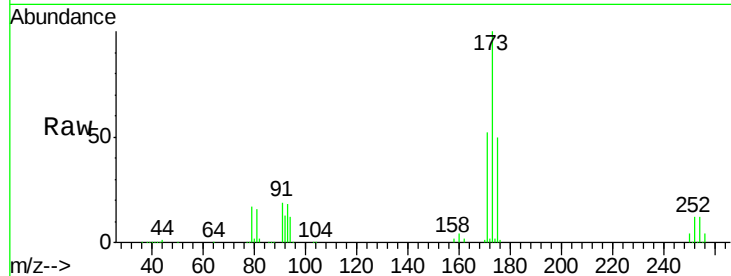
#71
Bromoform
Concen: 22.76 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion:173 Resp: 57940
Ion Ratio Lower Upper
173 100
175 48.5 24.7 74.1
254 0.2 0.2 0.2

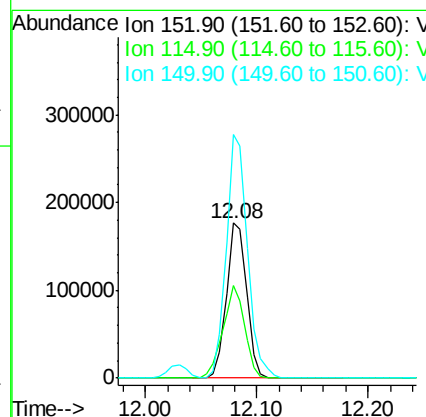
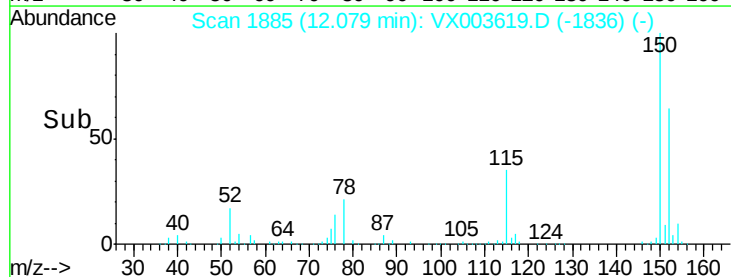
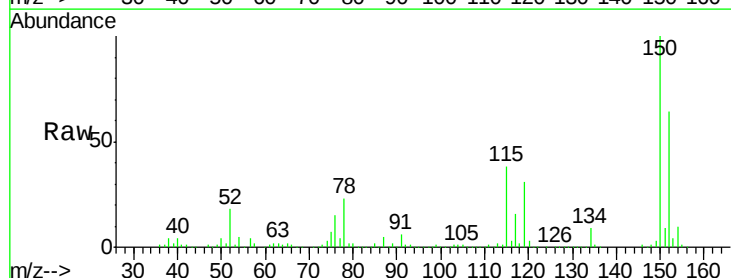
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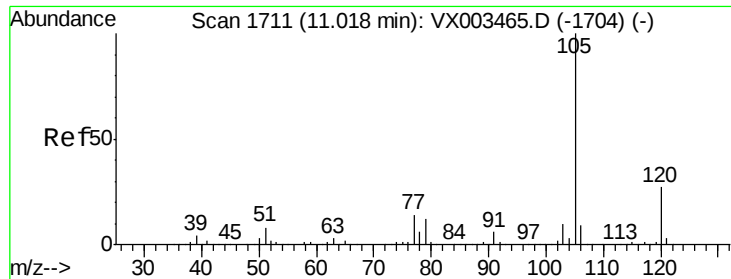
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Tgt Ion:152 Resp: 221356
Ion Ratio Lower Upper
152 100
115 64.0 40.1 120.2
150 164.1 0.0 347.2





#73

Isopropylbenzene

Concen: 22.95 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.01 min

Lab File: VX003619.D

Acq: 23 Jul 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS02

Tot Ion: 105 Resp: 351361

Ion Ratio Lower Upper

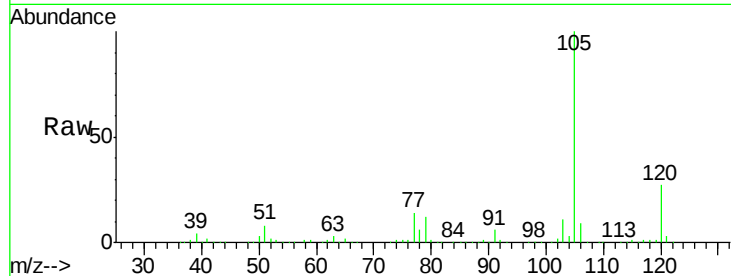
105 100

120 27.2 13.5 40.4

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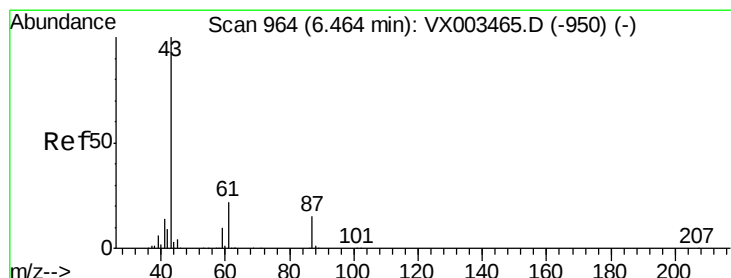
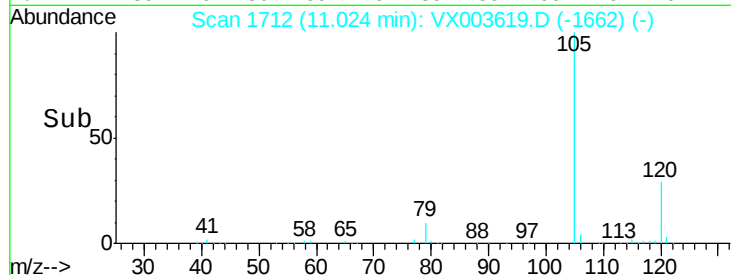
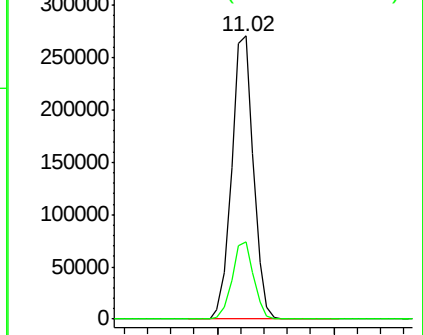
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.97 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.02 min

Lab File: VX003619.D

Acq: 23 Jul 2018 22:43

Tgt Ion: 43 Resp: 149309

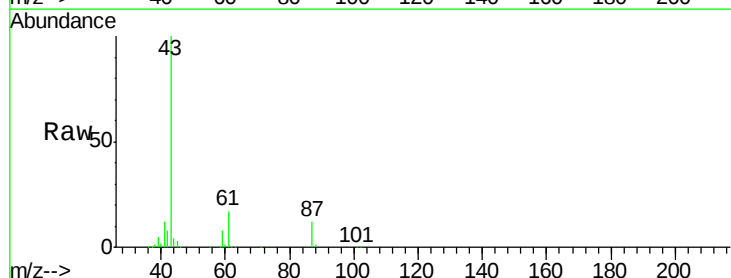
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 21.2 14.4 21.6

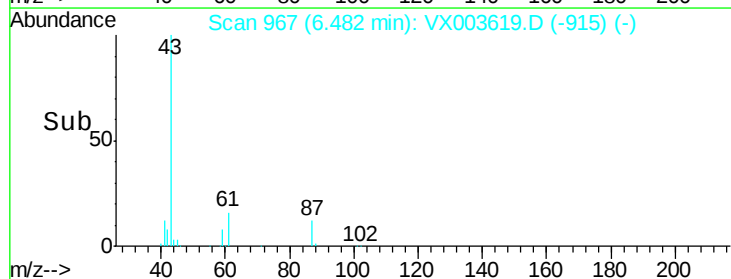
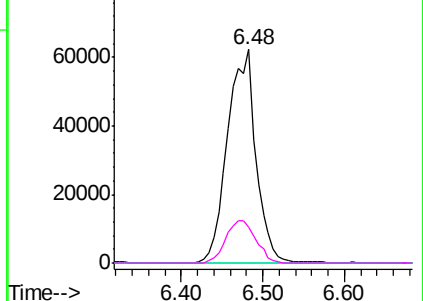


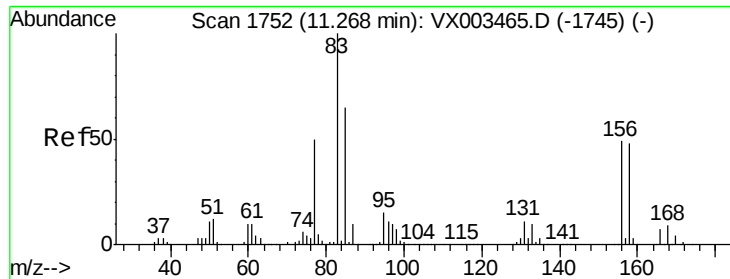
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 24.48 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003619.D

Acq: 23 Jul 2018 22:43

Instrument :

MSVOA_X

ClientSampled :

VX0723WBS02

Tot Ion: 83 Resp: 109803

Ion Ratio Lower Upper

83 100

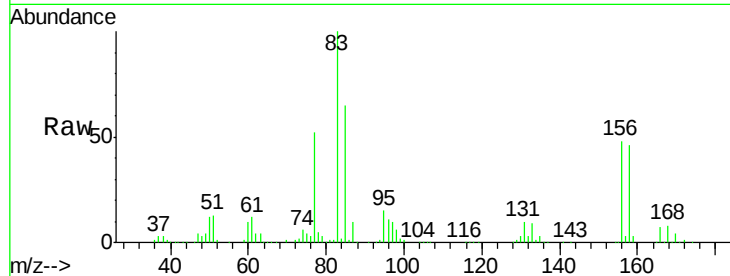
131 10.5 5.6 16.8

85 64.3 32.4 97.2

Manual Integrations
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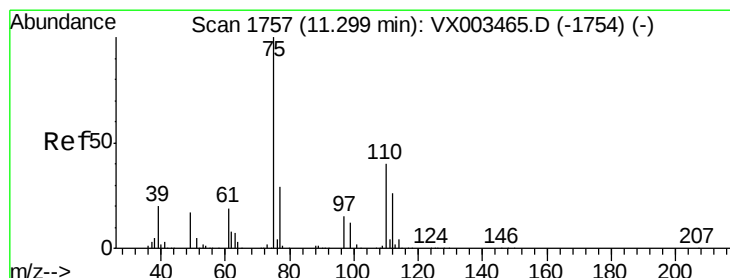
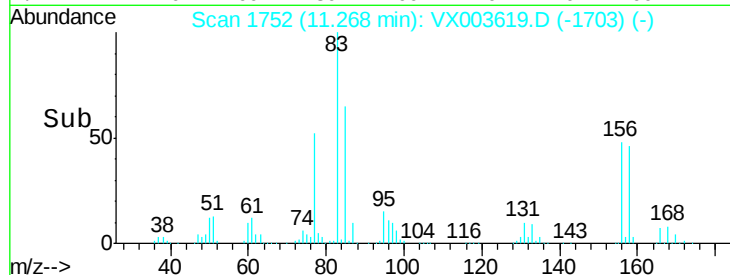
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

11.27

Time-->



#76

1,2,3-Trichloropropane

Concen: 24.60 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003619.D

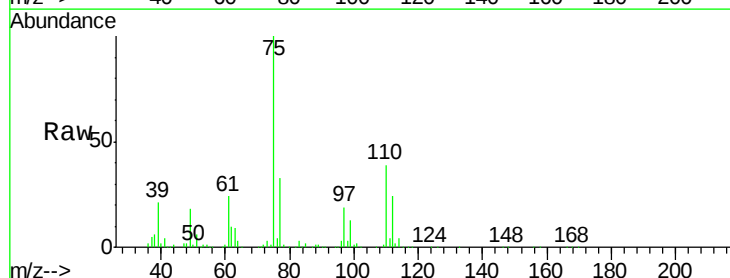
Acq: 23 Jul 2018 22:43

Tgt Ion: 75 Resp: 97807

Ion Ratio Lower Upper

75 100

77 40.6 22.8 68.3

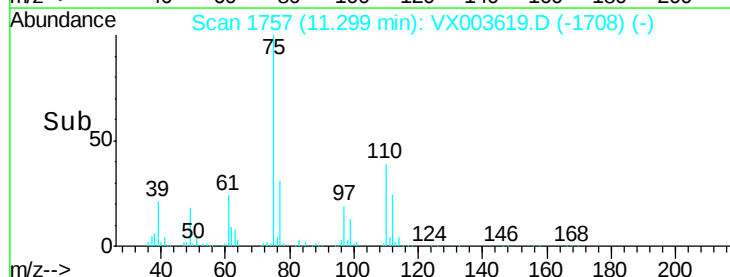


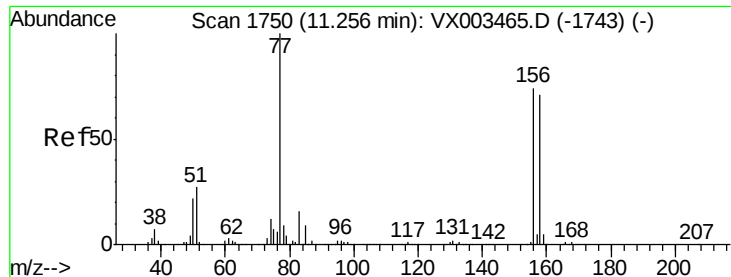
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.30

Time-->





#77

Bromobenzene

Concen: 22.25 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003619.D

Acq: 23 Jul 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS02

Tot Ion:156 Resp: 97986

Ion Ratio Lower Upper

156 100

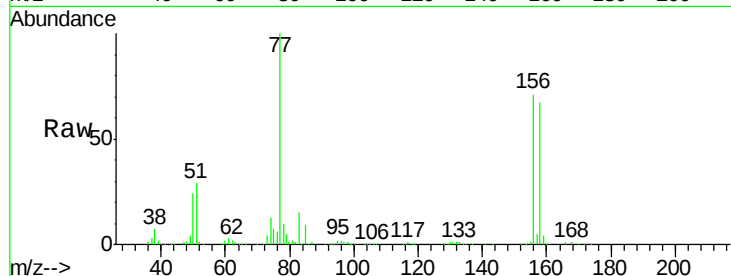
77 138.3 71.4 214.2

158 97.2 48.9 146.6

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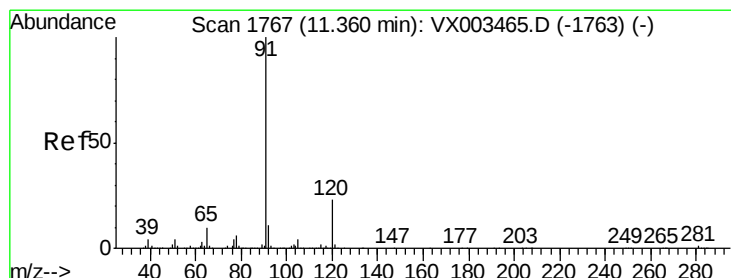
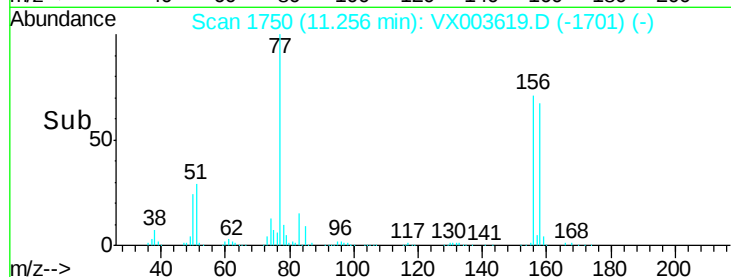
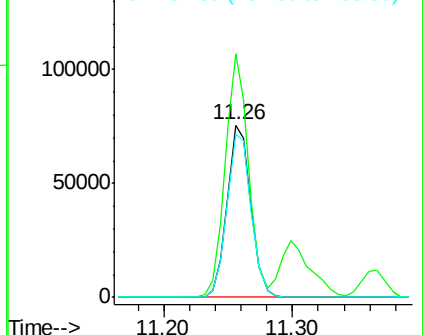
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 23.10 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.01 min

Lab File: VX003619.D

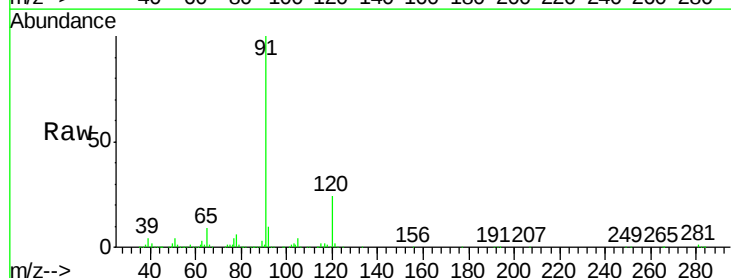
Acq: 23 Jul 2018 22:43

Tgt Ion: 91 Resp: 393082

Ion Ratio Lower Upper

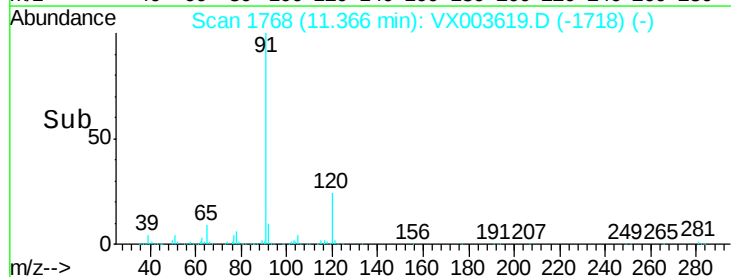
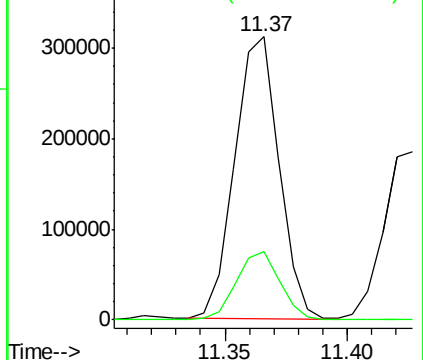
91 100

120 24.0 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





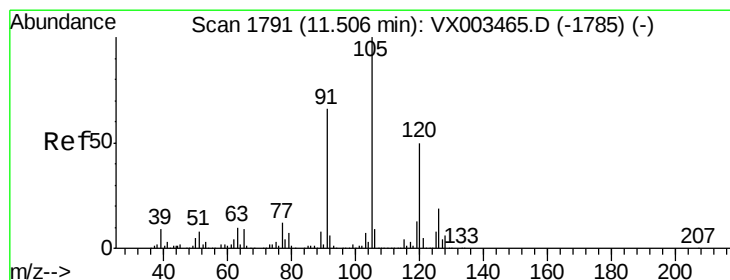
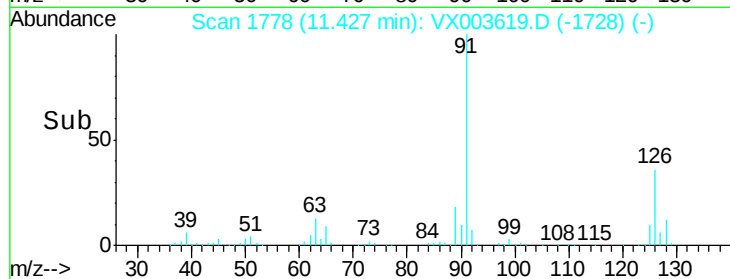
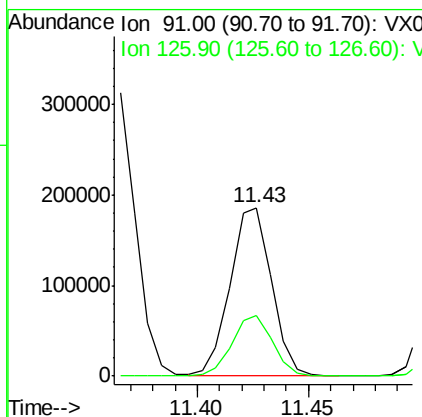
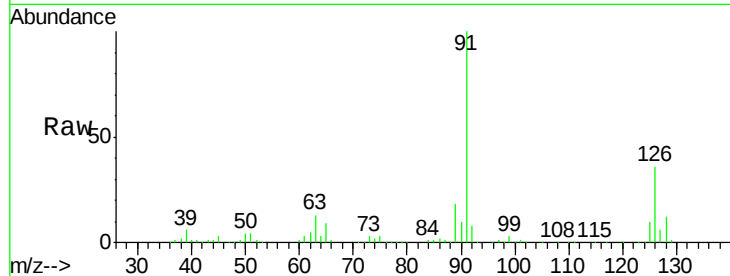
#79
 2-Chlorotoluene
 Concen: 23.19 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.01 min
 Lab File: VX003619.D
 Acq: 23 Jul 2018 22:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS02

Tot Ion: 91 Resp: 239590
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.7 53.1

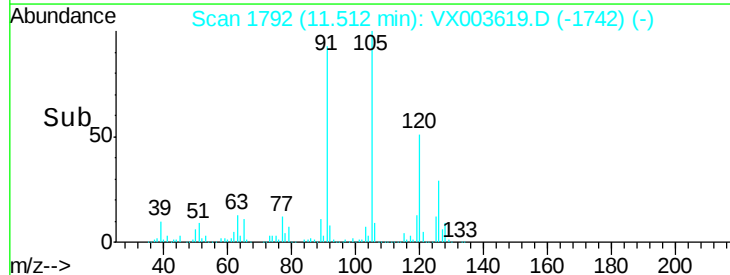
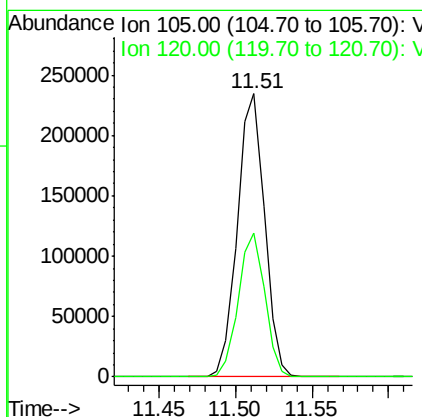
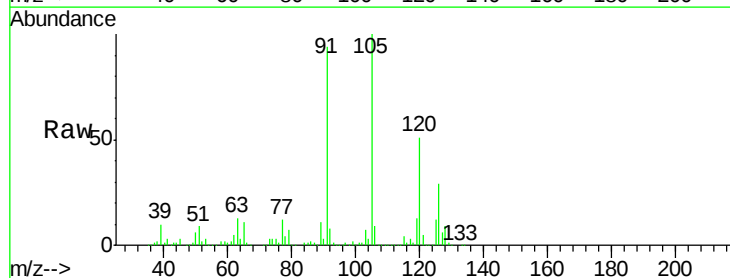
Manual Integrations
 APPROVED

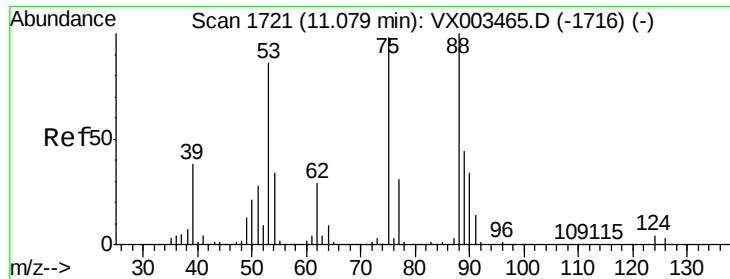
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 22.92 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX003619.D
 Acq: 23 Jul 2018 22:43

Tgt Ion: 105 Resp: 288368
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.4 73.4





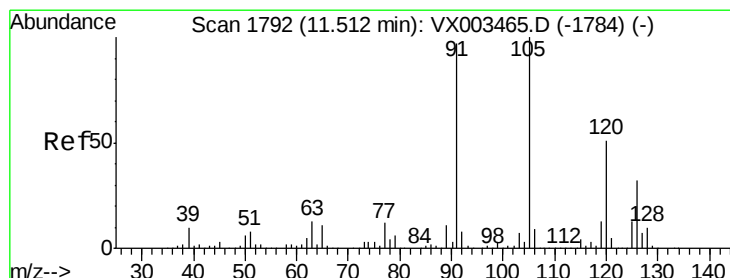
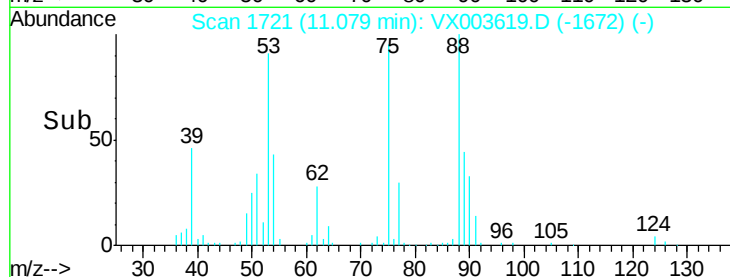
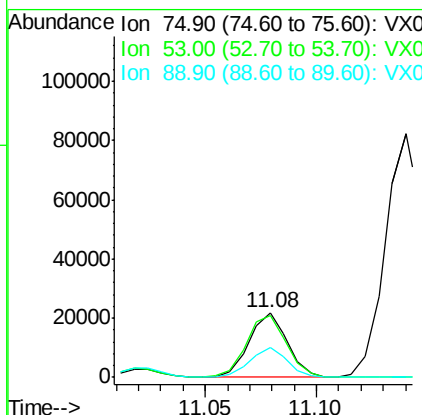
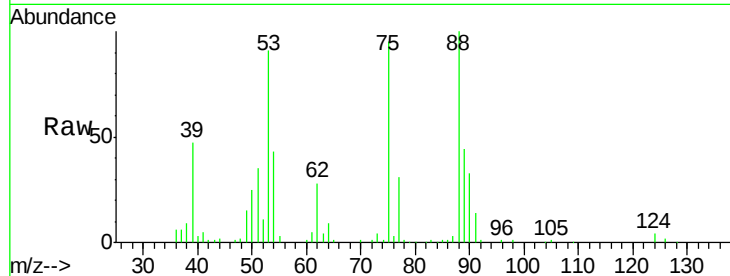
#81
trans-1,4-Dichloro-2-butene
Concen: 19.94 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.8	86.8	130.2
89	45.2	38.2	57.2

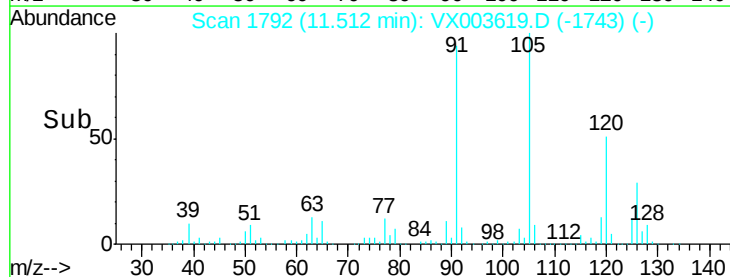
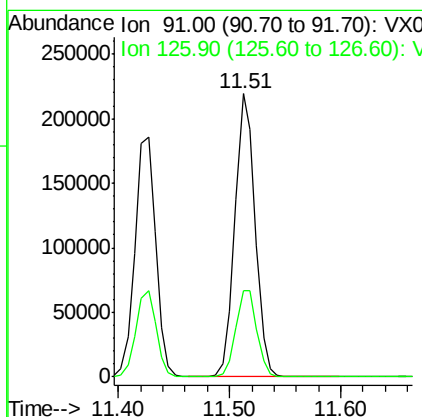
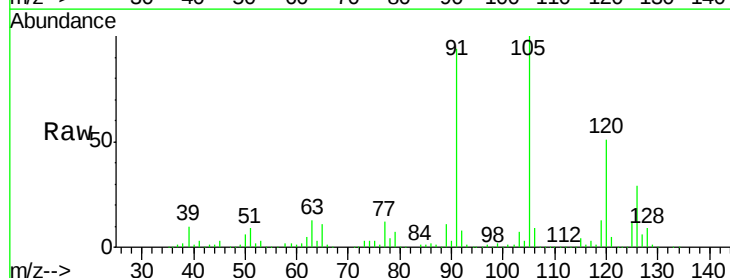
Manual Integrations
APPROVED

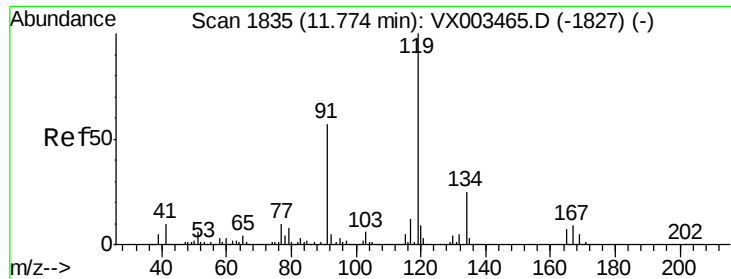
MMDadoda
7/24/2018 3:54:48 PM



#82
4-Chlorotoluene
Concen: 22.68 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	15.4	46.4





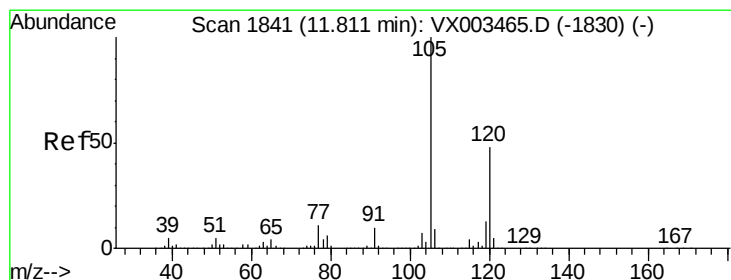
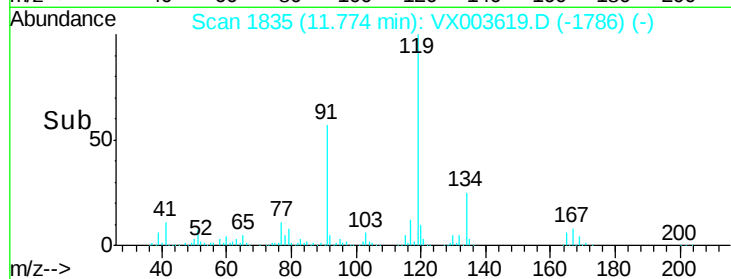
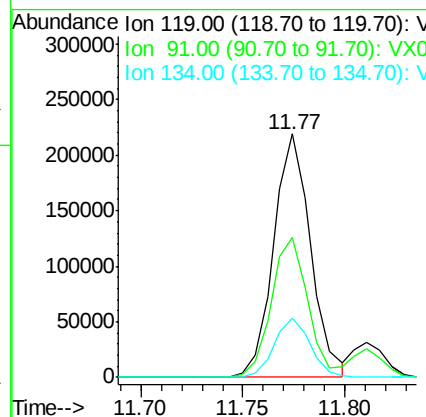
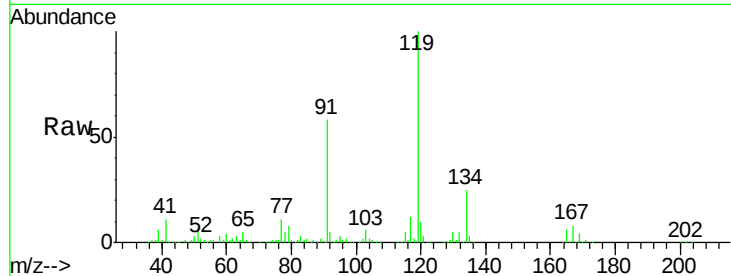
#83
 tert-Butylbenzene
 Concen: 22.49 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003619.D
 Acq: 23 Jul 2018 22:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
119	100		277100		
91	57.4	30.3	90.9		
134	23.9	11.7	35.1		

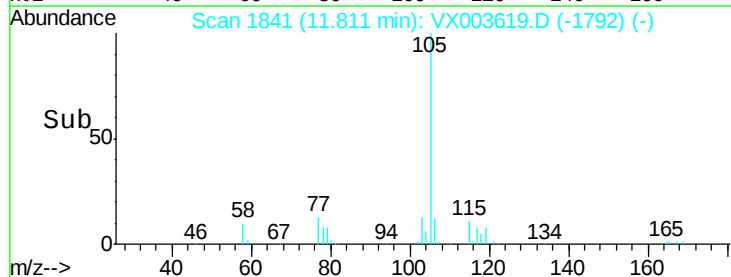
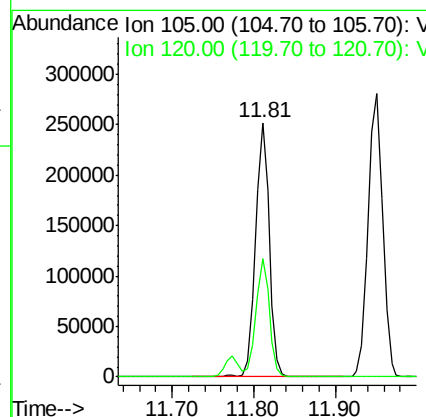
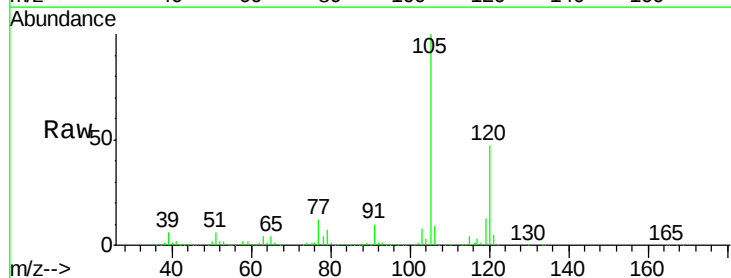
Manual Integrations
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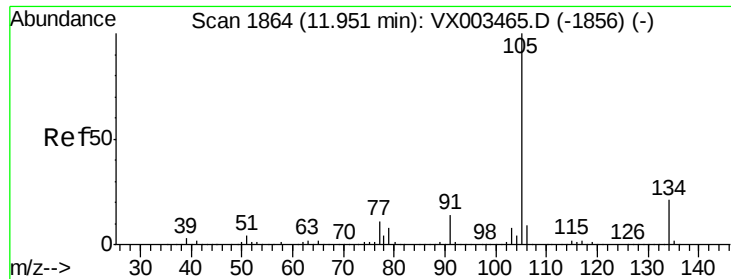
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 7/24/2018 3:54:48 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 23.33 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003619.D
 Acq: 23 Jul 2018 22:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		298706		
120	45.8	22.3	66.8		





#85

sec-Butylbenzene

Concen: 22.92 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003619.D

Acq: 23 Jul 2018 22:43

Instrument :

MSVOA_X

ClientSampleId :

VX0723WBS02

Tot Ion:105 Resp: 342983

Ion Ratio Lower Upper

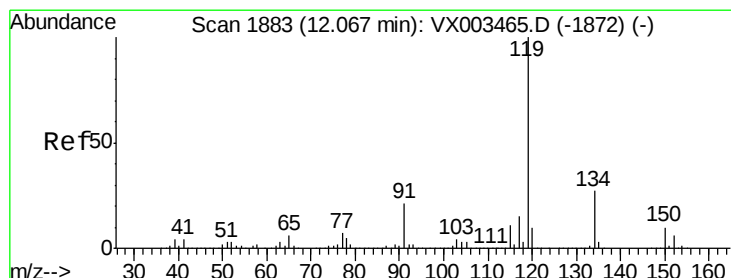
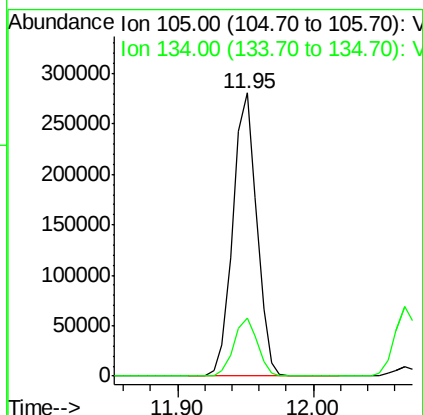
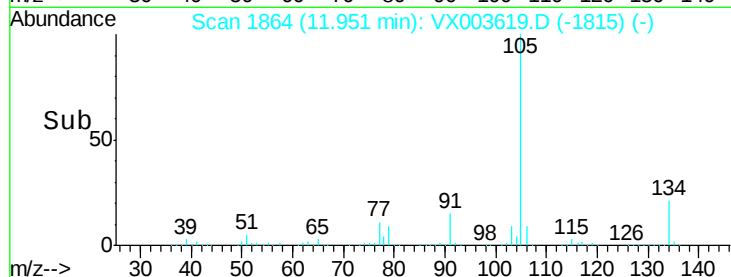
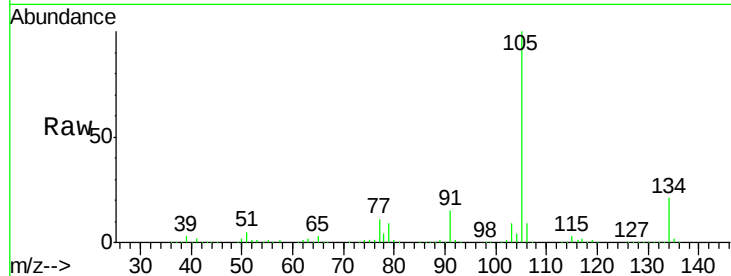
105 100

134 20.5 10.4 31.1

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 22.69 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003619.D

Acq: 23 Jul 2018 22:43

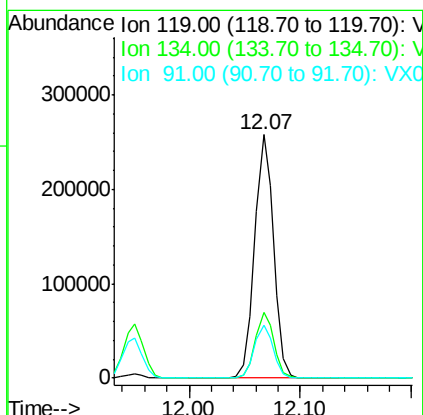
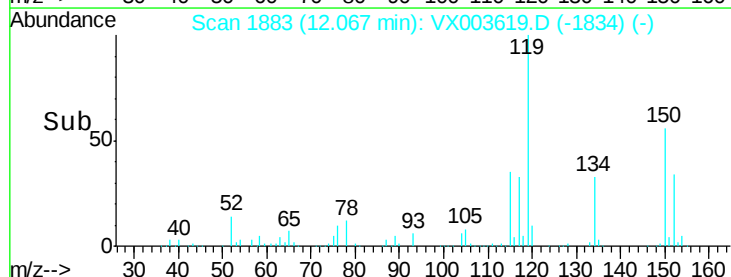
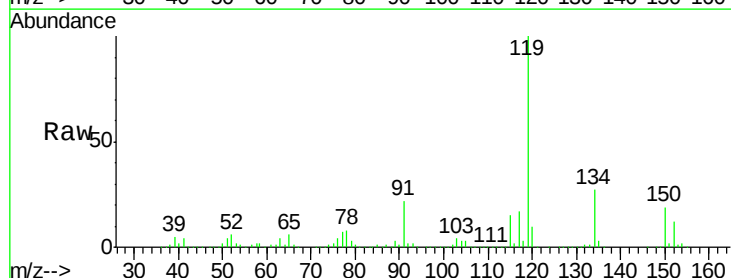
Tgt Ion:119 Resp: 304701

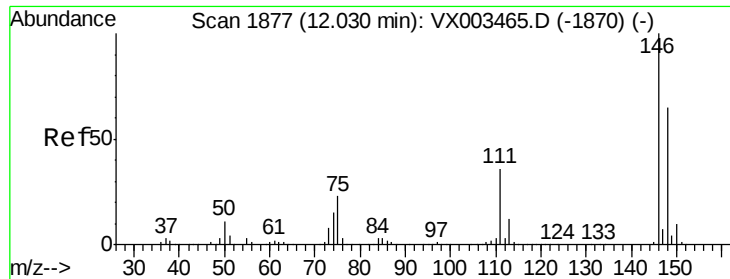
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

91 21.9 11.9 35.7





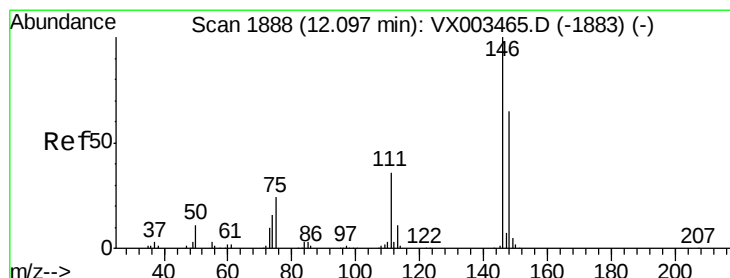
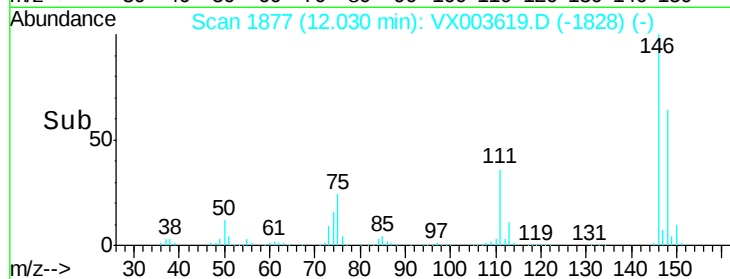
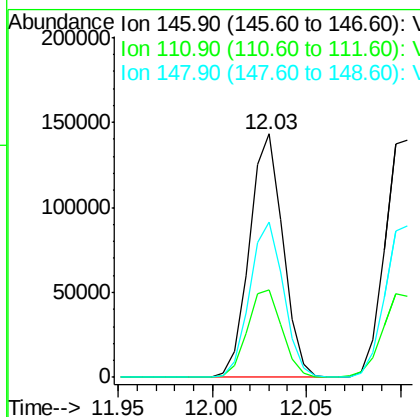
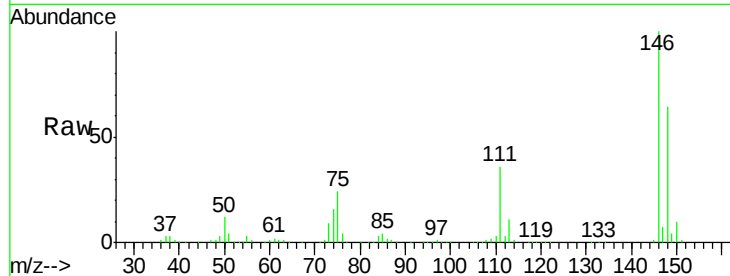
#87
 1,3-Dichlorobenzene
 Concen: 21.85 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003619.D
 Acq: 23 Jul 2018 22:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.9	56.7
148	64.3	32.1	96.3

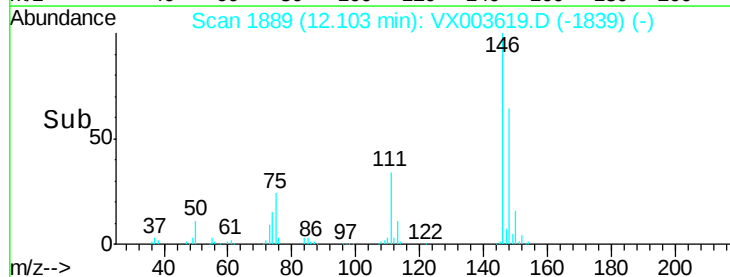
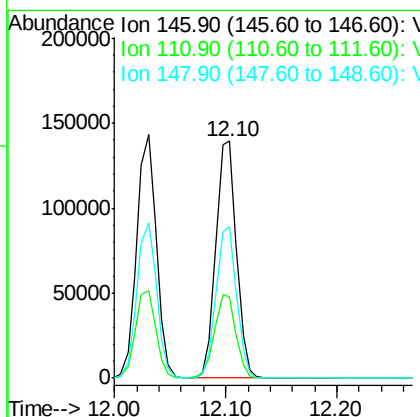
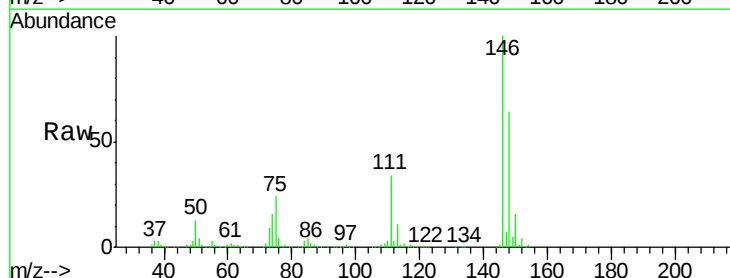
Manual Integrations
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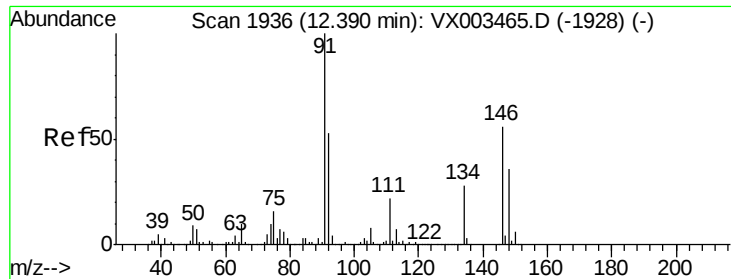
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 7/24/2018 3:54:48 PM



#88
 1,4-Dichlorobenzene
 Concen: 21.50 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.01 min
 Lab File: VX003619.D
 Acq: 23 Jul 2018 22:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.7	56.1
148	63.9	32.4	97.0





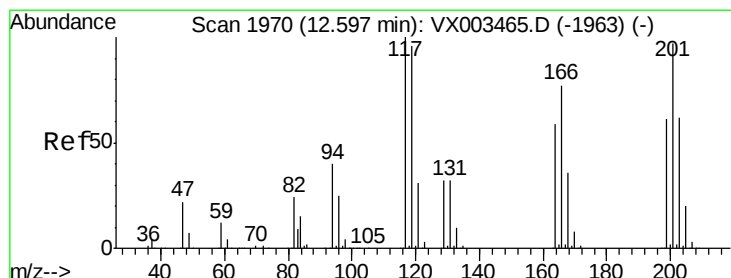
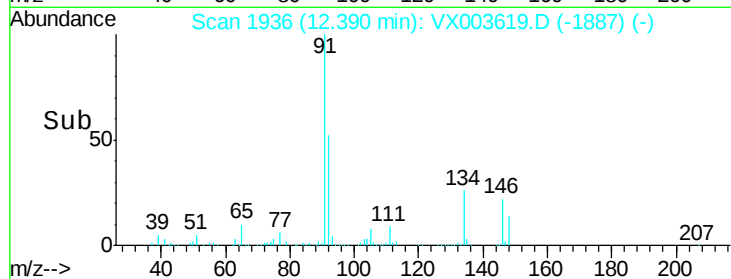
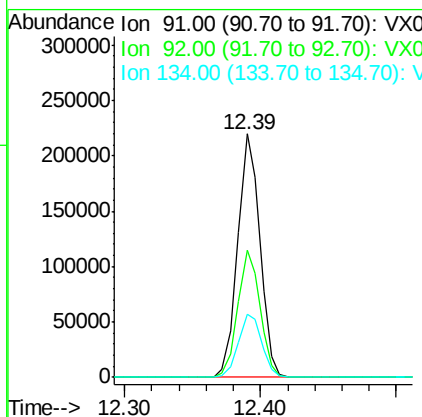
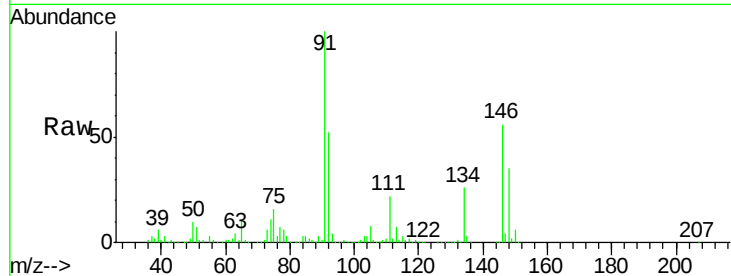
#89
n-Butylbenzene
Concen: 21.98 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.0	78.0
134	27.2	13.5	40.5

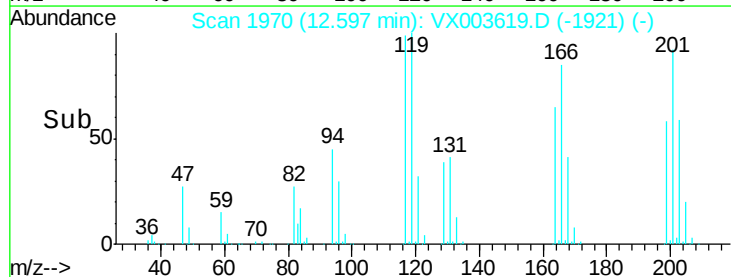
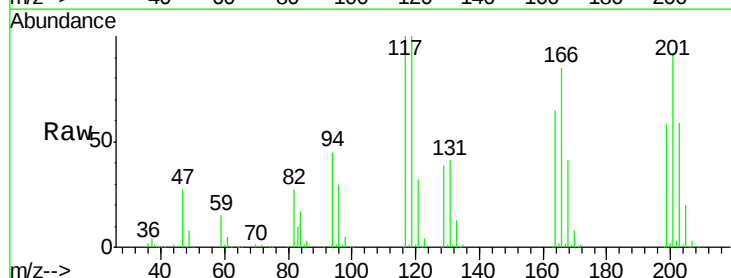
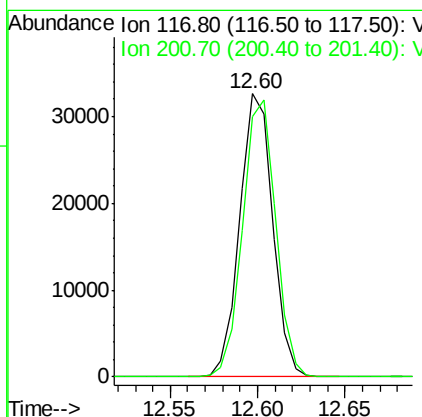
Manual Integrations
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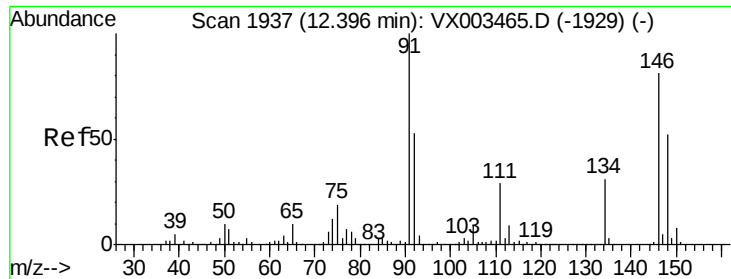
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#90
Hexachloroethane
Concen: 22.40 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	97.9	49.0	147.0





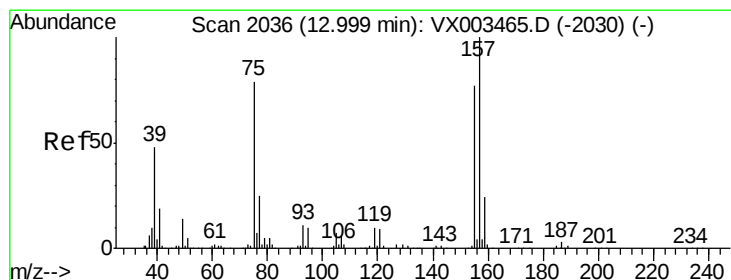
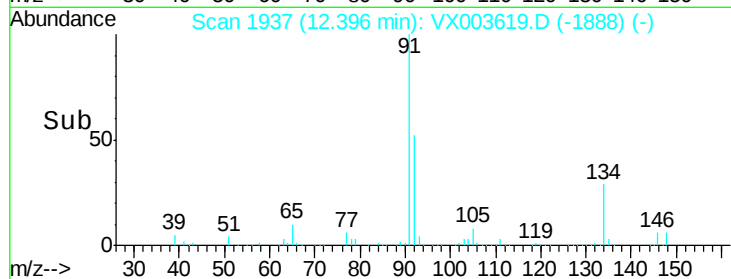
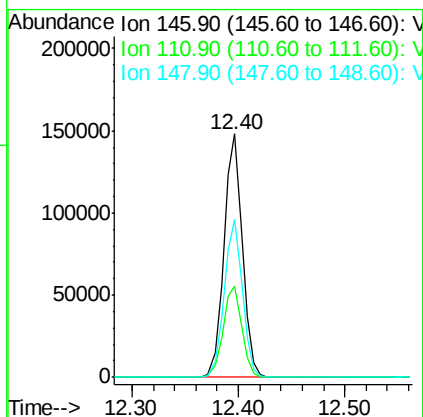
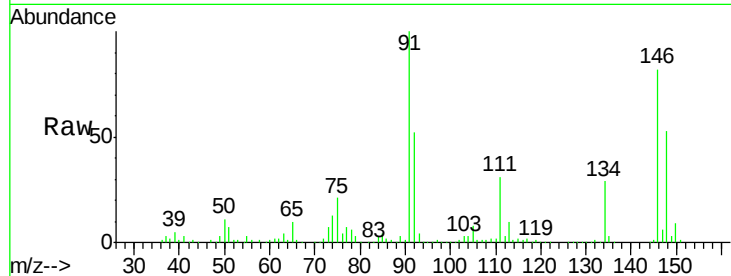
#91
 1,2-Dichlorobenzene
 Concen: 22.36 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003619.D
 Acq: 23 Jul 2018 22:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.4	58.1
148	64.5	31.7	95.1

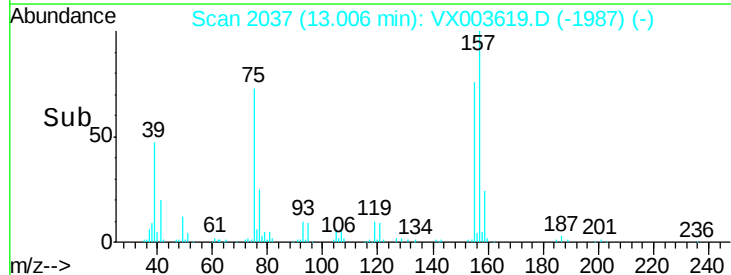
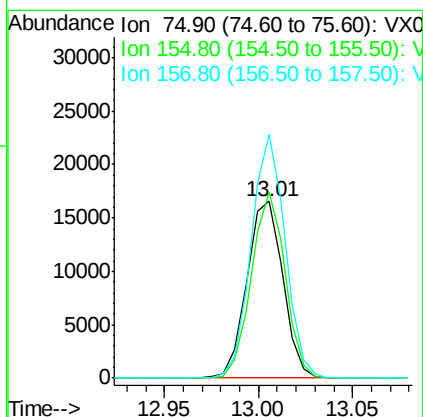
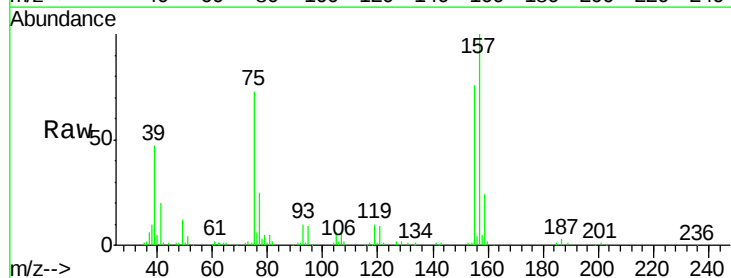
Manual Integrations
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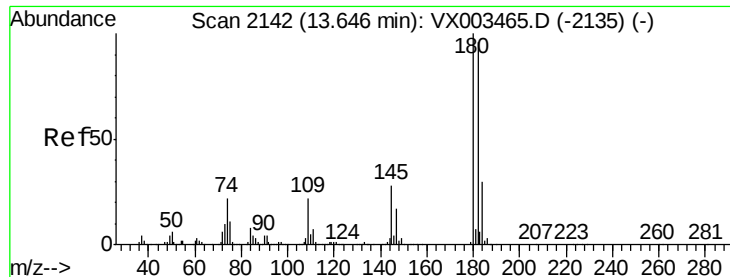
MMDadoda
 7/24/2018 3:54:48 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 25.03 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VX003619.D
 Acq: 23 Jul 2018 22:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.8	45.8	137.4
157	129.7	60.1	180.3





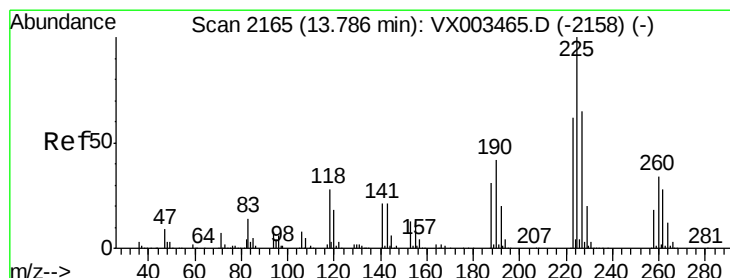
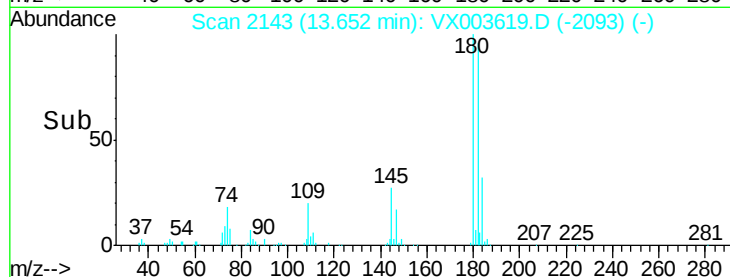
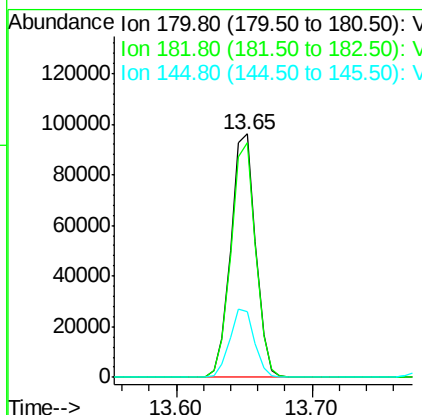
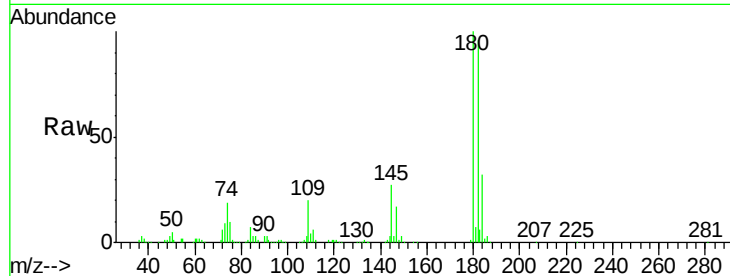
#93
 1,2,4-Trichlorobenzene
 Concen: 20.77 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VX003619.D
 Acq: 23 Jul 2018 22:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0723WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	121446		
182	96.0	47.7	143.1	
145	28.0	14.1	42.4	

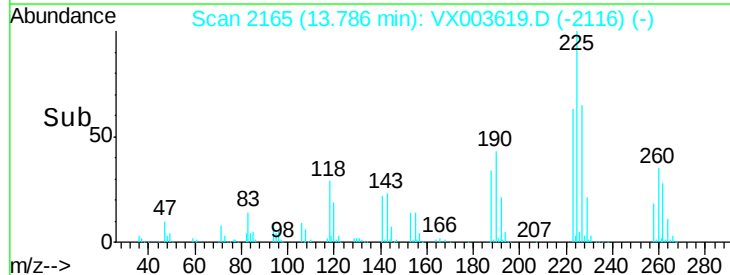
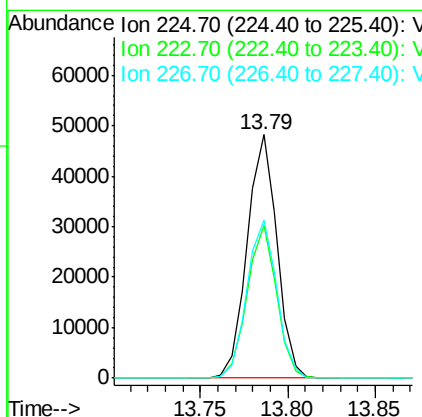
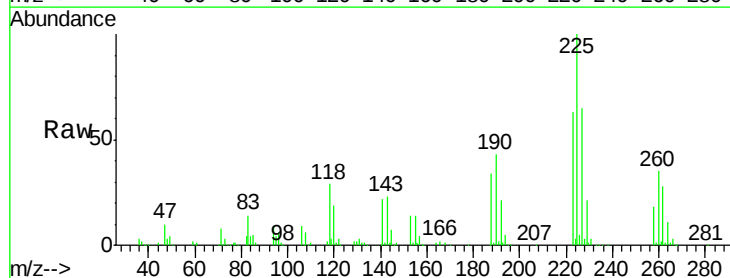
Manual Integrations
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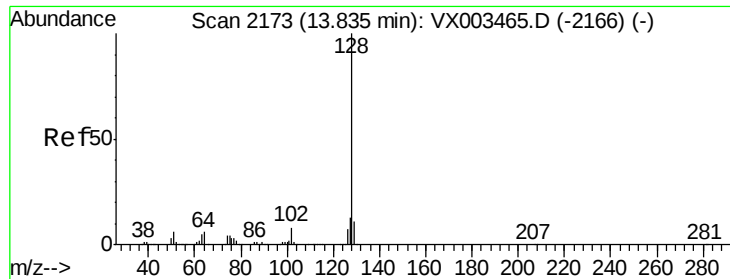
MMDadoda
 7/24/2018 3:54:48 PM



#94
 Hexachlorobutadiene
 Concen: 20.23 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003619.D
 Acq: 23 Jul 2018 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	56892		
223	62.2	31.6	95.0	
227	65.2	32.4	97.2	





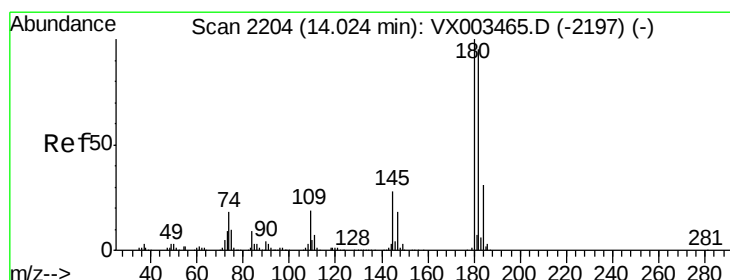
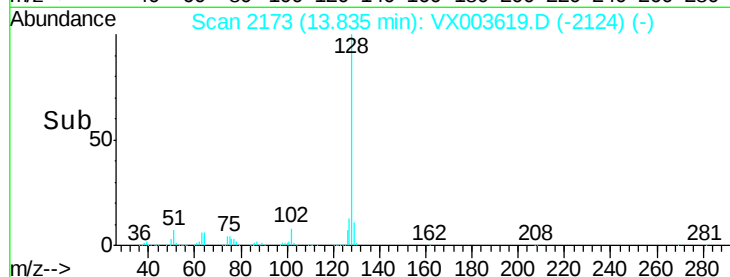
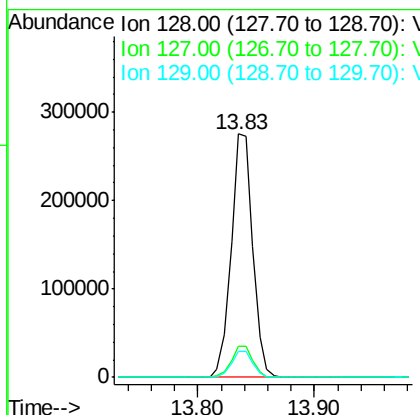
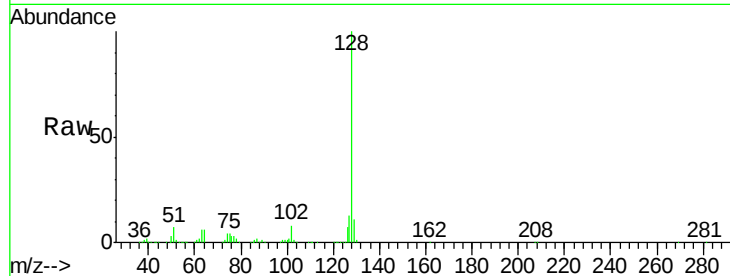
#95
Naphthalene
Concen: 23.06 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Instrument :
MSVOA_X
ClientSampleId :
VX0723WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
7/24/2018 3:54:48 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.67 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003619.D
Acq: 23 Jul 2018 22:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	48.0	144.0
145	29.3	14.8	44.3

