

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
 Data File : VX003690.D
 Acq On : 27 Jul 2018 01:06
 Operator : JC/SP
 Sample : VX0726WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/27/2018 5:40:52 PM

Quant Time: Jul 27 06:54:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	109143	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	163034	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	152579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	90272	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	80635	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
35) Dibromofluoromethane	5.51	113	66661	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
50) Toluene-d8	8.72	98	249271	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
62) 4-Bromofluorobenzene	11.14	95	90091	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	22231	17.88	ug/l	98
3) Chloromethane	1.32	50	30730	18.77	ug/l	99
4) Vinyl Chloride	1.40	62	32905	19.65	ug/l	99
5) Bromomethane	1.64	94	19590	24.22	ug/l	94
6) Chloroethane	1.72	64	24753	21.04	ug/l	94
7) Trichlorofluoromethane	1.93	101	43432	20.15	ug/l	97
8) Diethyl Ether	2.19	74	19128	20.25	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	26097	19.67	ug/l	99
10) Methyl Iodide	2.51	142	34811	21.40	ug/l	99
11) Tert butyl alcohol	3.08	59	39349	101.82	ug/l	100
12) 1,1-Dichloroethene	2.37	96	25023	19.82	ug/l	93
13) Acrolein	2.29	56	19603	102.73	ug/l	97
14) Allyl chloride	2.73	41	50451	19.17	ug/l	99
15) Acrylonitrile	3.15	53	93202	99.81	ug/l	100
16) Acetone	2.45	43	77927	102.60	ug/l	97
17) Carbon Disulfide	2.57	76	69458	19.13	ug/l	99
18) Methyl Acetate	2.78	43	47986	20.92	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	91014	20.41	ug/l	98
20) Methylene Chloride	2.86	84	29831	19.82	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	27168	20.01	ug/l	95
22) Diisopropyl ether	3.88	45	90967	18.93	ug/l	92
23) Vinyl Acetate	3.83	43	394404	95.82	ug/l	100
24) 1,1-Dichloroethane	3.70	63	54318	20.06	ug/l	99
25) 2-Butanone	4.71	43	117854	100.44	ug/l	99
26) 2,2-Dichloropropane	4.59	77	23723	13.85	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	29156	19.78	ug/l	98
28) Bromochloromethane	5.02	49	20004	18.41	ug/l	97
29) Tetrahydrofuran	5.17	42	75767	99.20	ug/l	98
30) Chloroform	5.22	83	49462	20.14	ug/l	100
31) Cyclohexane	5.58	56	42825	19.70	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	41742	20.46	ug/l	98
36) 1,1-Dichloropropene	5.80	75	36628	19.22	ug/l	99
37) Ethyl Acetate	4.87	43	43375	18.93	ug/l	99
38) Carbon Tetrachloride	5.79	117	35985	19.59	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	40103	19.12	ug/l	99
40) Benzene	6.15	78	113066	20.05	ug/l	99
41) Methacrylonitrile	5.07	41	24657	19.43	ug/l	98
42) 1,2-Dichloroethane	6.20	62	39801	20.05	ug/l	100
43) Isopropyl Acetate	6.47	43	65377	19.56	ug/l	100
44) Trichloroethene	7.22	130	28798	19.05	ug/l	98
45) 1,2-Dichloropropane	7.52	63	30365	20.83	ug/l	99
46) Dibromomethane	7.67	93	19052	20.34	ug/l	99
47) Bromodichloromethane	7.90	83	34833	19.84	ug/l	100
48) Methyl methacrylate	7.78	41	33356	19.66	ug/l	98
49) 1,4-Dioxane	7.76	88	15065	398.06	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	225368	99.92	ug/l	98
52) Toluene	8.79	92	69432	19.81	ug/l	99
53) t-1,3-Dichloropropene	9.05	75	36049	18.54	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	40102	18.75	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	28685	20.02	ug/l	98
56) Ethyl methacrylate	9.18	69	41835	19.62	ug/l	98
57) 1,3-Dichloropropane	9.38	76	48333	20.09	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	109547	102.24	ug/l	99
59) 2-Hexanone	9.50	43	172508	99.70	ug/l	99
60) Dibromochloromethane	9.59	129	27046	19.90	ug/l	100
61) 1,2-Dibromoethane	9.68	107	29710	19.91	ug/l	100
64) Tetrachloroethene	9.34	164	27519	19.73	ug/l	99
65) Chlorobenzene	10.14	112	76331	19.88	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	26859	20.12	ug/l	99
67) Ethyl Benzene	10.26	91	127838	19.89	ug/l	99
68) m/p-Xylenes	10.36	106	99697	40.43	ug/l	98
69) o-Xylene	10.70	106	48089	20.26	ug/l	100
70) Styrene	10.71	104	80572	20.21	ug/l	99
71) Bromoform	10.86	173	20337	19.27	ug/l #	99
73) Isopropylbenzene	11.02	105	129107	20.93	ug/l	99
74) N-amyl acetate	6.47	43	65377	20.32	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	45586	20.01	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	39157m	20.68	ug/l	
77) Bromobenzene	11.26	156	34528	20.61	ug/l	99
78) n-propylbenzene	11.36	91	150530	21.14	ug/l	99
79) 2-Chlorotoluene	11.42	91	90531	20.91	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	109913	21.06	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	10647	17.42	ug/l	92
82) 4-Chlorotoluene	11.51	91	106680	20.92	ug/l	99
83) tert-Butylbenzene	11.77	119	105217	20.61	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	113511	21.17	ug/l	99
85) sec-Butylbenzene	11.95	105	126123	20.70	ug/l	99
86) p-Isopropyltoluene	12.07	119	112103	20.49	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	63149	20.24	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	64656	19.93	ug/l	99
89) n-Butylbenzene	12.39	91	96034	19.48	ug/l	99
90) Hexachloroethane	12.60	117	17307	20.89	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	63648	19.97	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	9384	19.79	ug/l	99

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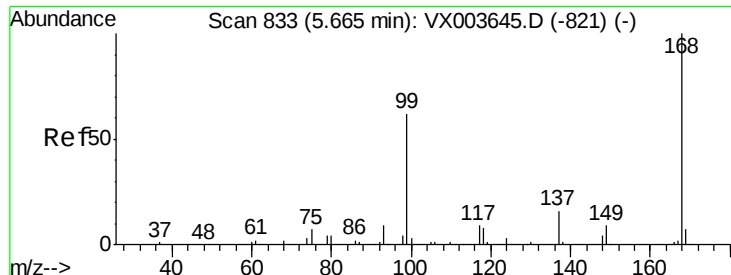
Manual Integrations
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7/27/2018 5:40:52 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 27 02:16:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	43971	19.33	ug/l	100
94) Hexachlorobutadiene	13.79	225	19976	18.98	ug/l	99
95) Naphthalene	13.83	128	137595	20.00	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	45968	19.90	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: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

Tot Ion:168 Resp: 109143

Ion Ratio Lower Upper

168 100

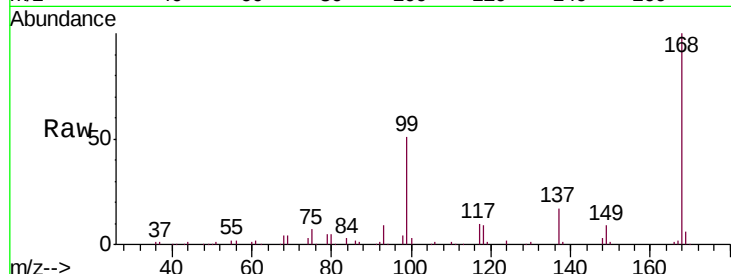
99 51.0 49.5 74.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

20000

10000

0

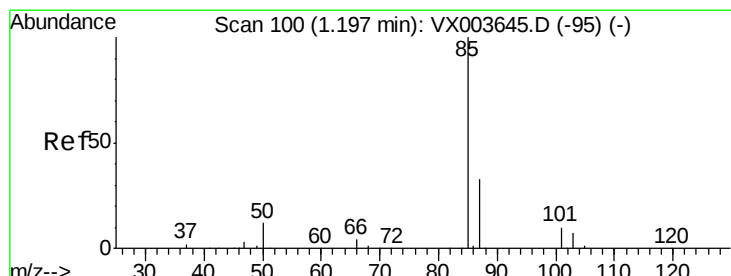
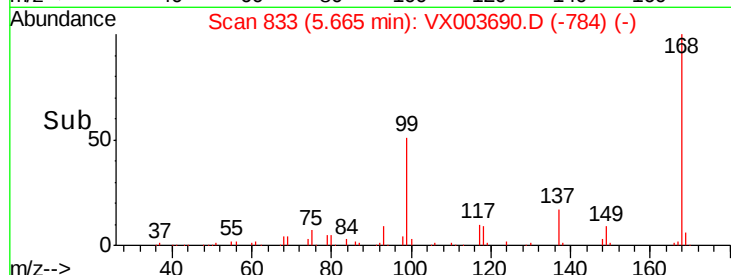
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.88 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003690.D

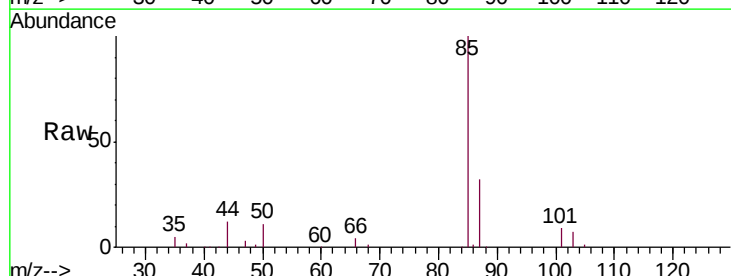
Acq: 27 Jul 2018 01:06

Tgt Ion: 85 Resp: 22231

Ion Ratio Lower Upper

85 100

87 31.9 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

25000

20000

15000

10000

5000

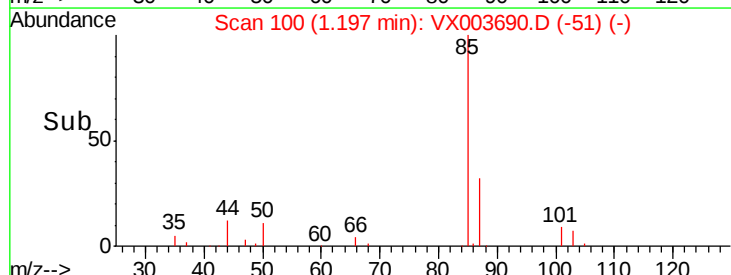
0

1.15

1.20

1.25

Time-->





#3

Chloromethane

Concen: 18.77 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

Tot Ion: 50 Resp: 30730

Ion Ratio Lower Upper

50 100

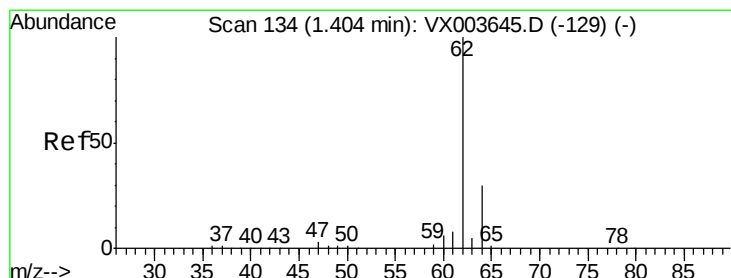
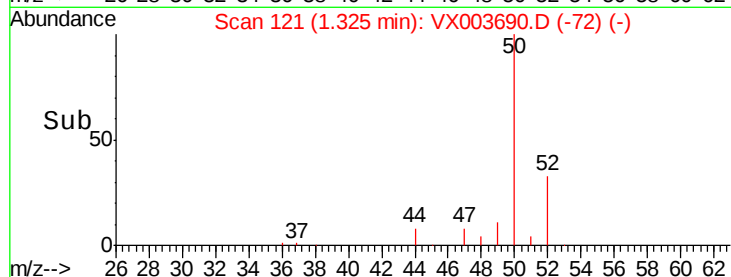
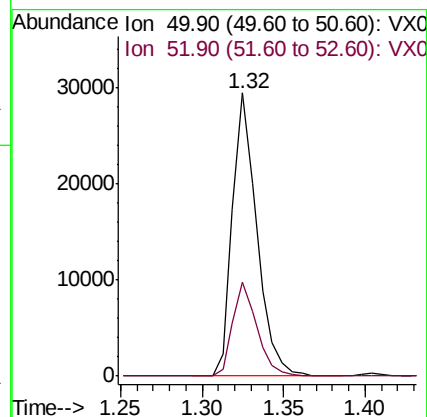
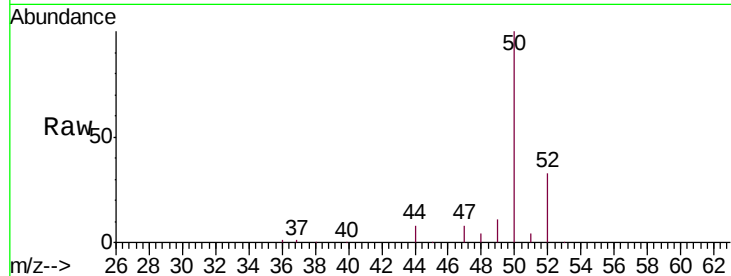
52 33.3 26.3 39.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.65 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003690.D

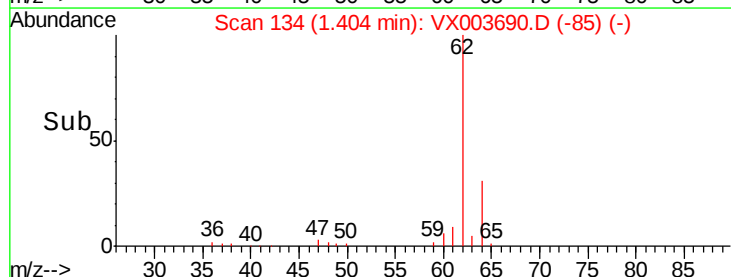
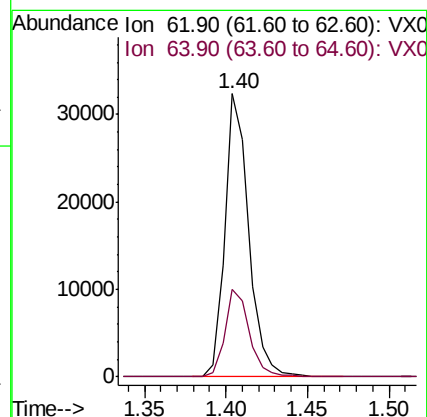
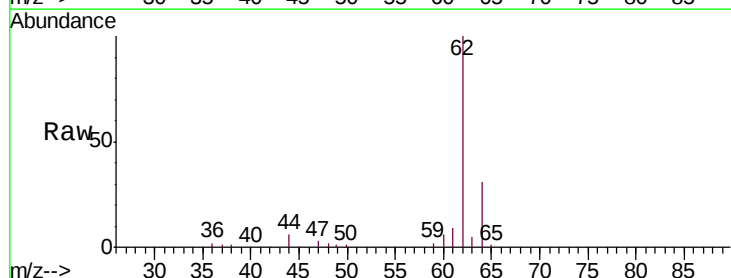
Acq: 27 Jul 2018 01:06

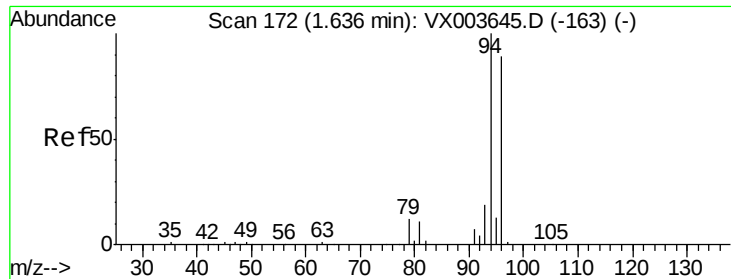
Tgt Ion: 62 Resp: 32905

Ion Ratio Lower Upper

62 100

64 31.1 24.4 36.6





#5

Bromomethane

Concen: 24.22 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

Tot Ion: 94 Resp: 19590

Ion Ratio Lower Upper

94 100

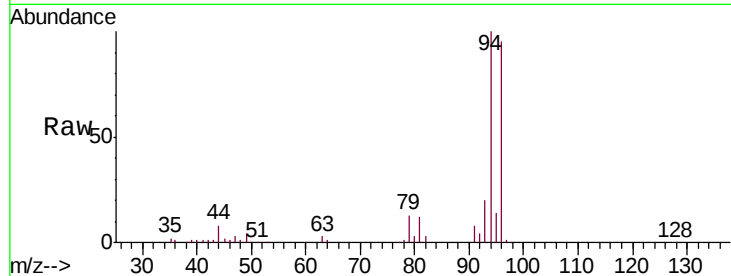
96 94.9 71.3 106.9

Manual Integrations

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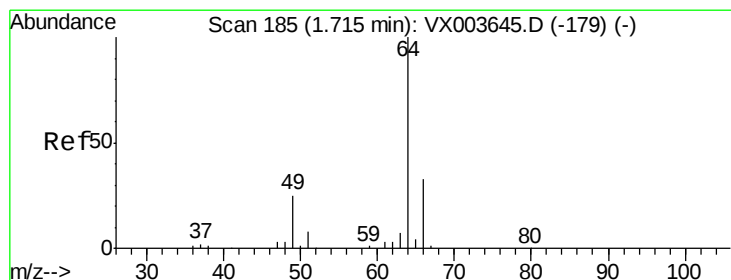
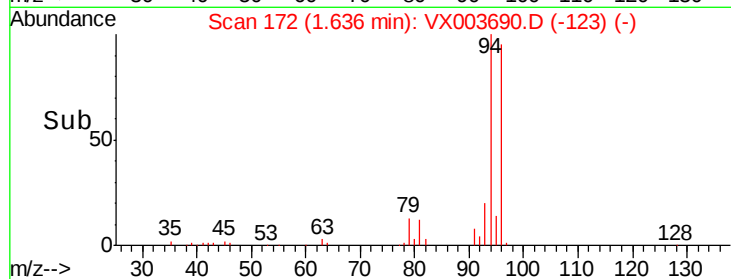
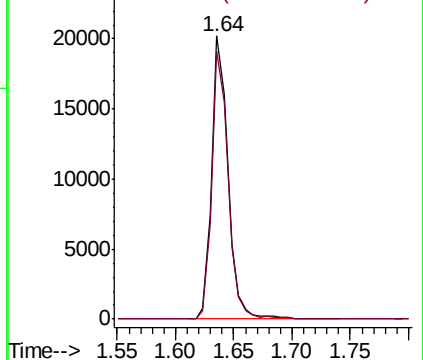
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.04 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003690.D

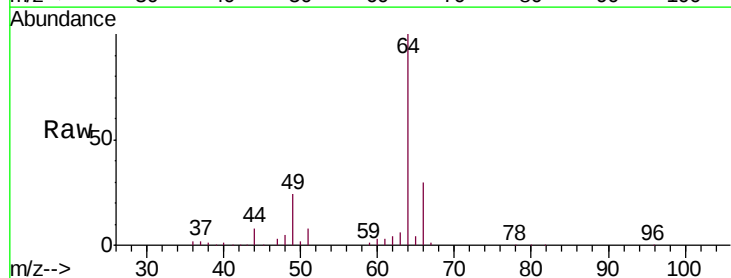
Acq: 27 Jul 2018 01:06

Tgt Ion: 64 Resp: 24753

Ion Ratio Lower Upper

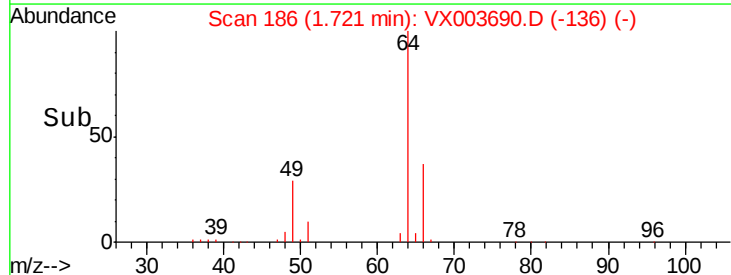
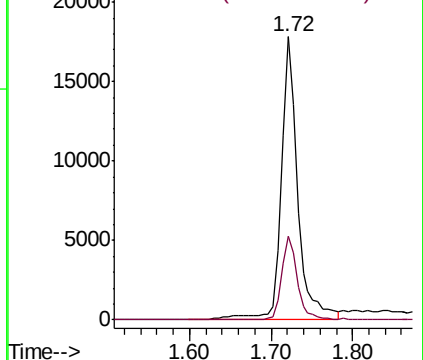
64 100

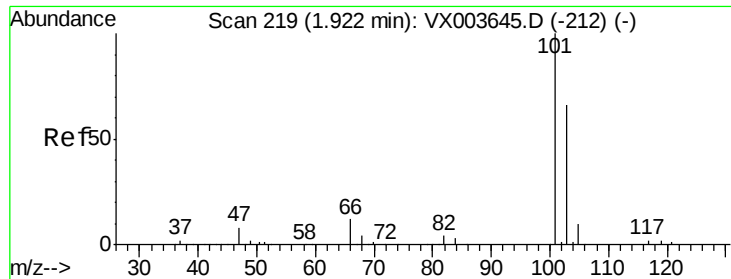
66 29.7 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

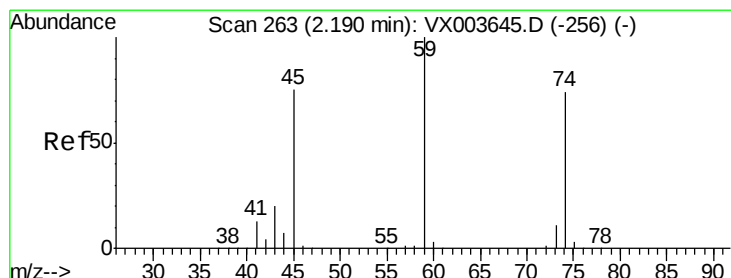
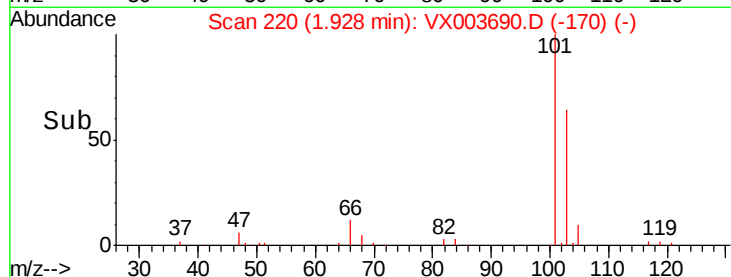
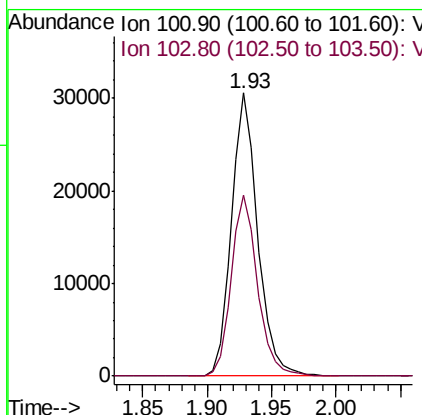
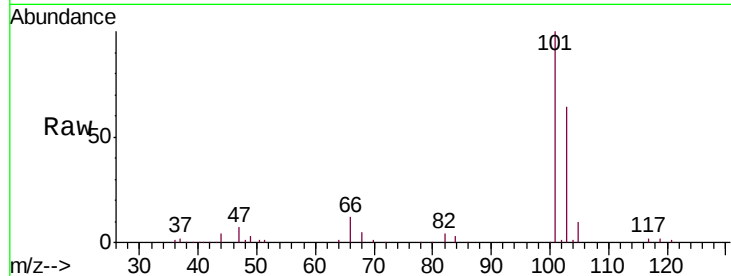
Trichlorofluoromethane
 Concen: 20.15 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

Instrument :
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 ClientSampleId :
 VX0726WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	53.2	79.8

Manual Integrations
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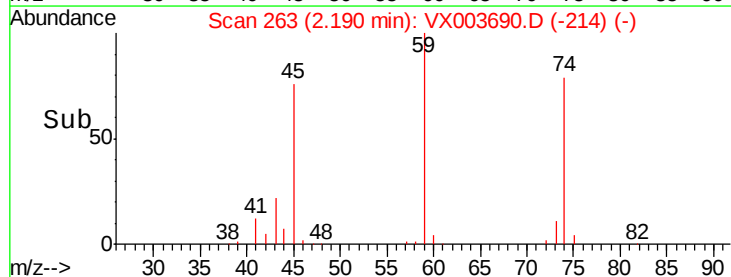
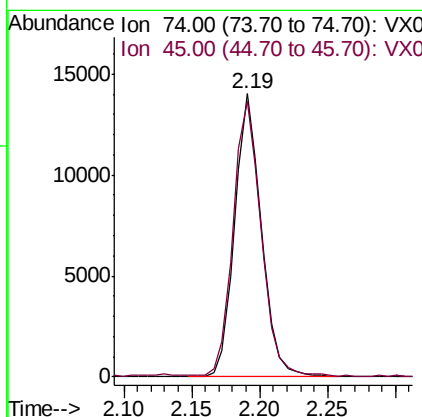
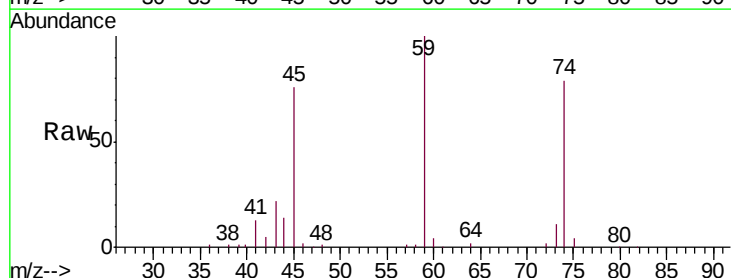
MMDadoda
 7/27/2018 5:40:52 PM

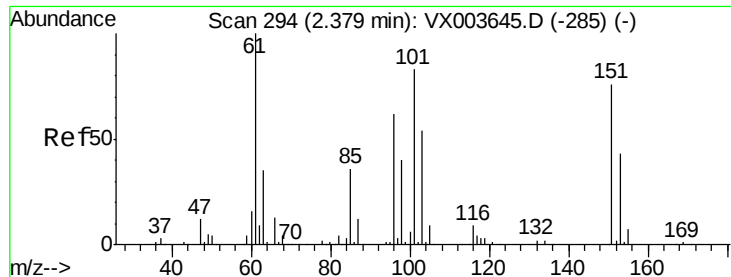


#8

Diethyl Ether
 Concen: 20.25 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.1	51.0	153.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.67 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

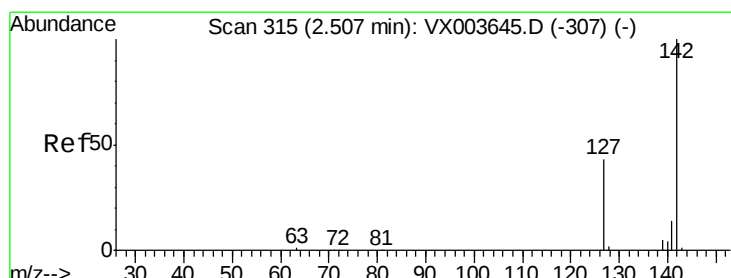
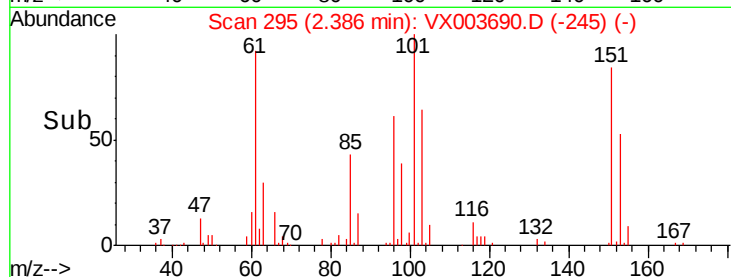
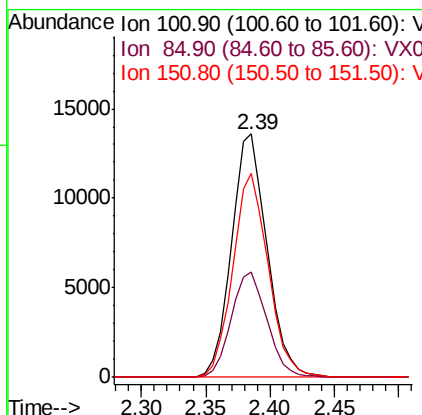
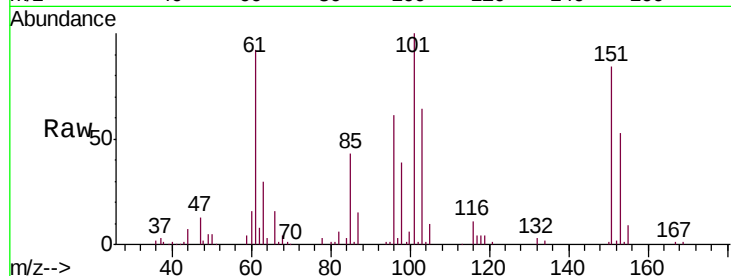
ClientSampleId :

VX0726WBSD02

Tot Ion:	101	Resp:	26097
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.6	52.0
151	83.3	67.5	101.3

Manual Integrations
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7/27/2018 5:40:52 PM



#10

Methyl Iodide

Concen: 21.40 ug/l

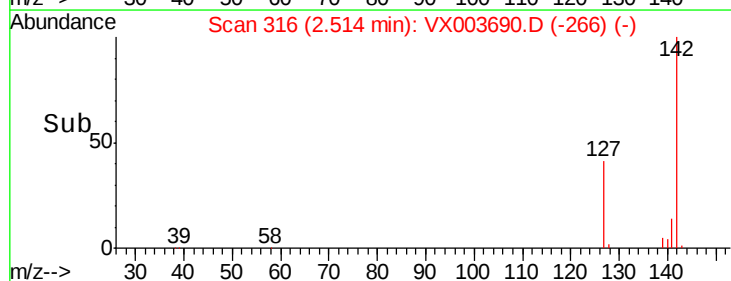
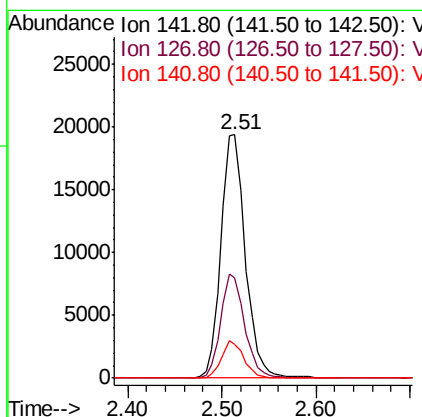
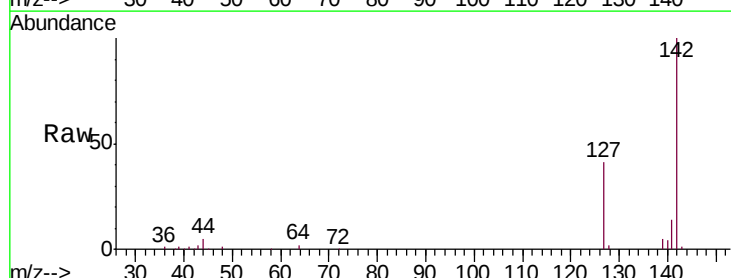
RT: 2.51 min Scan# 316

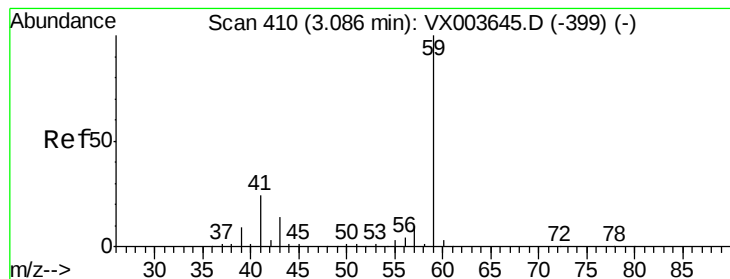
Delta R.T. 0.01 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Tgt Ion:	142	Resp:	34811
Ion Ratio	Lower	Upper	
142	100		
127	42.0	34.0	51.0
141	14.0	11.3	16.9





#11

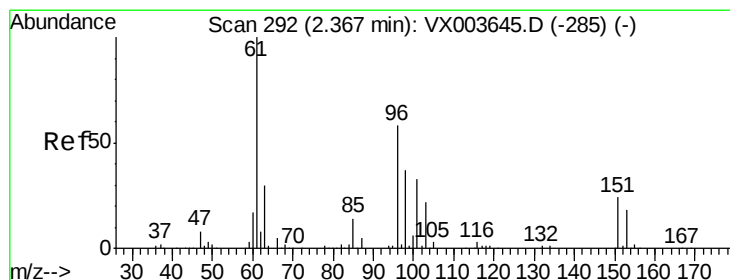
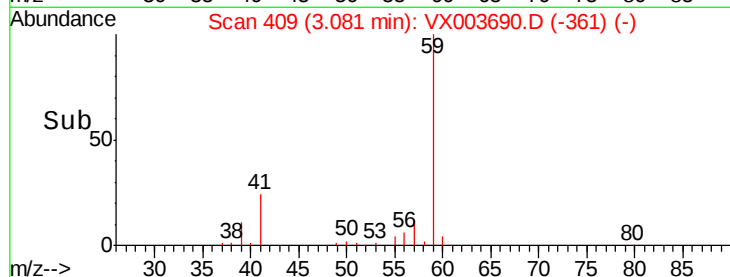
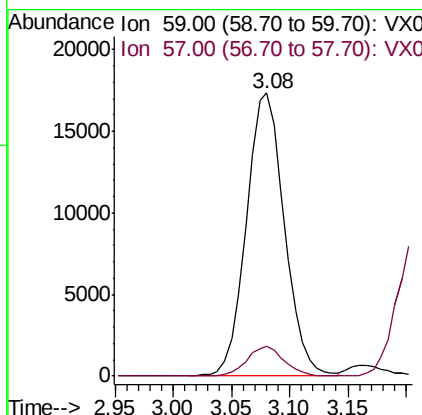
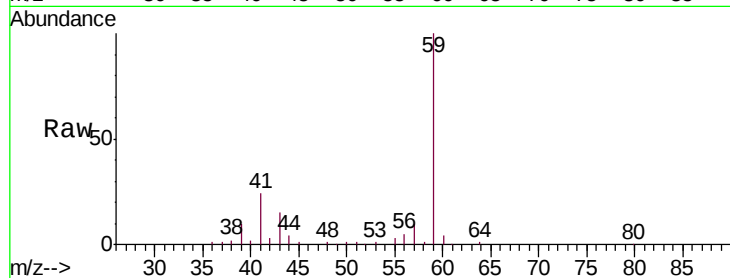
Tert butyl alcohol
 Concen: 101.82 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4

Manual Integrations
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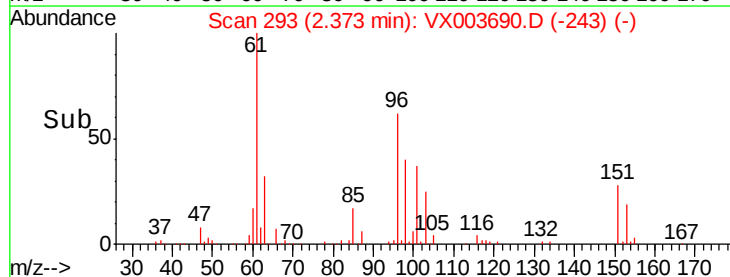
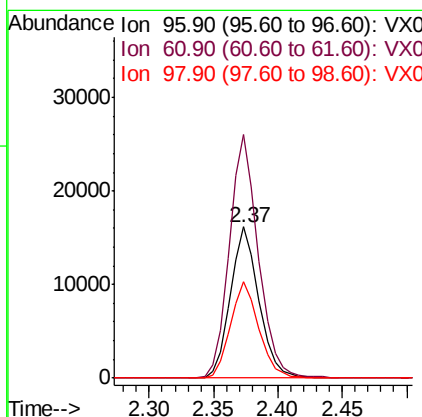
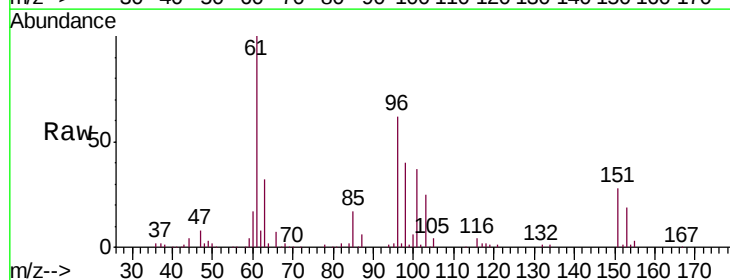
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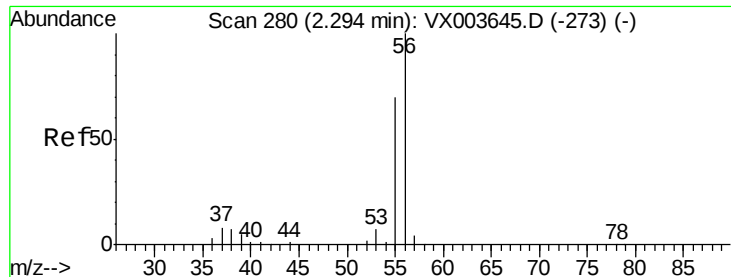


#12

1,1-Dichloroethene
 Concen: 19.82 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.2	138.8	208.2
98	63.7	51.4	77.2





#13

Acrolein

Concen: 102.73 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

Tot Ion: 56 Resp: 19603

Ion Ratio Lower Upper

56 100

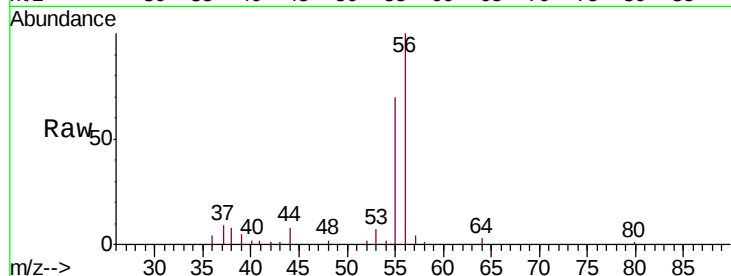
55 71.7 55.4 83.2

Manual Integrations

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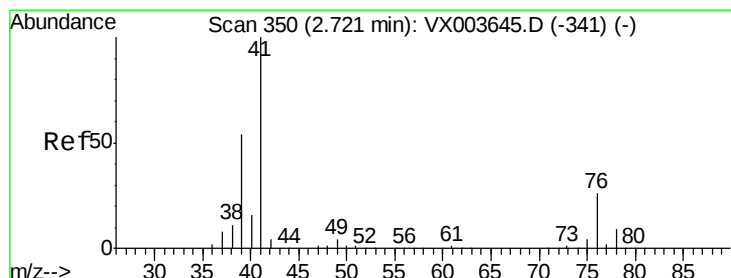
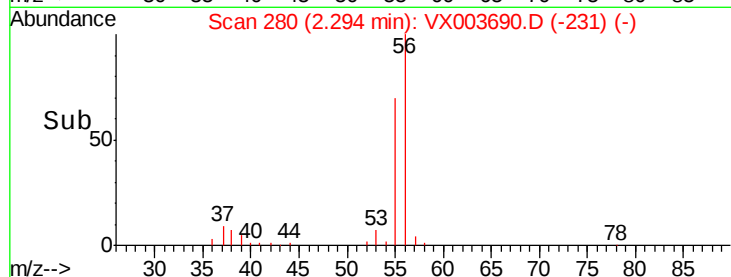
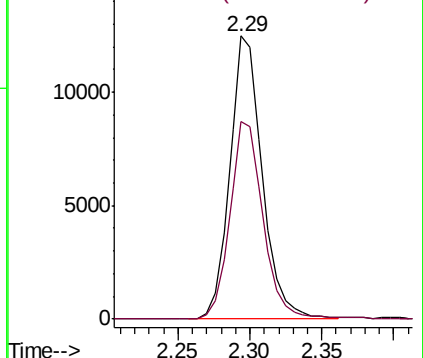
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.17 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.01 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

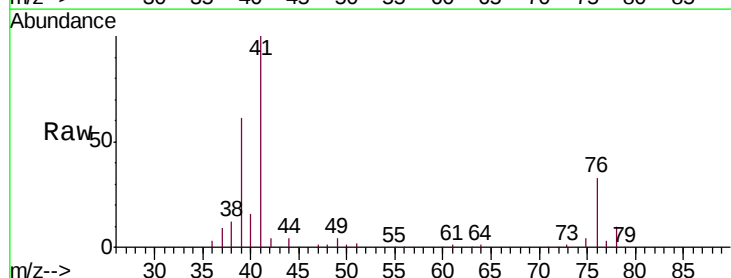
Tgt Ion: 41 Resp: 50451

Ion Ratio Lower Upper

41 100

39 57.6 45.3 67.9

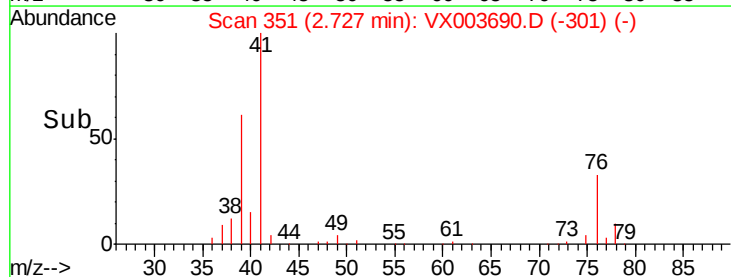
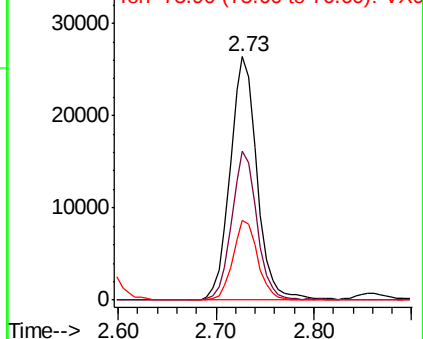
76 30.3 23.8 35.6

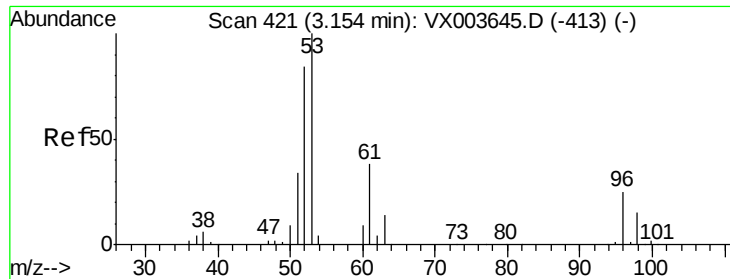


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 99.81 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

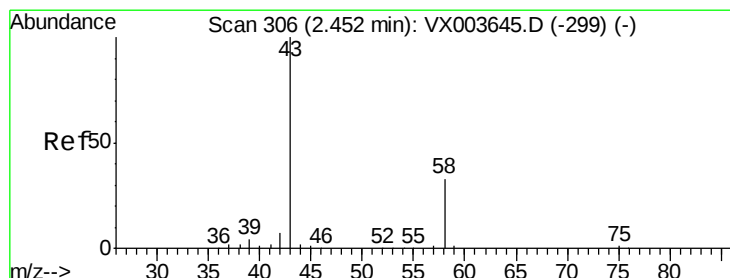
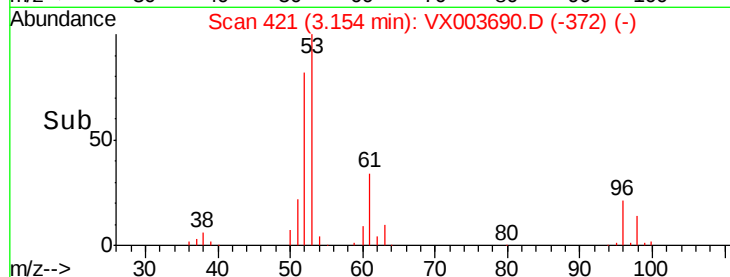
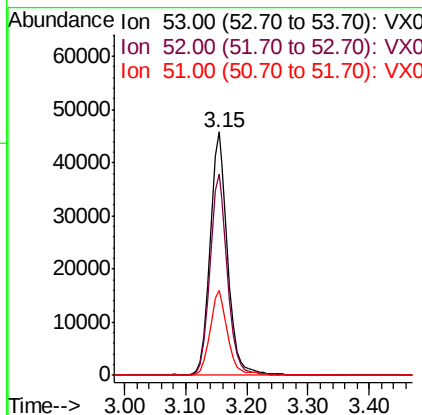
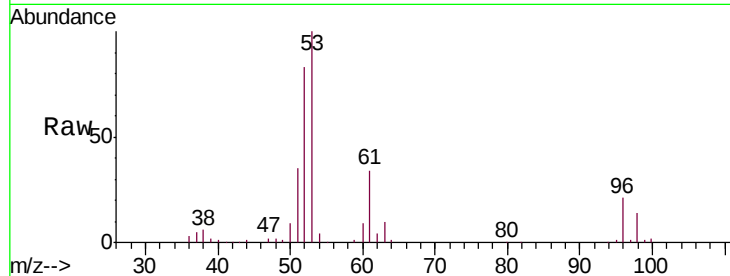
ClientSampleId :

VX0726WBSD02

Tot Ion:	53	Resp:	93202
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.1	99.1
51	35.5	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 102.60 ug/l

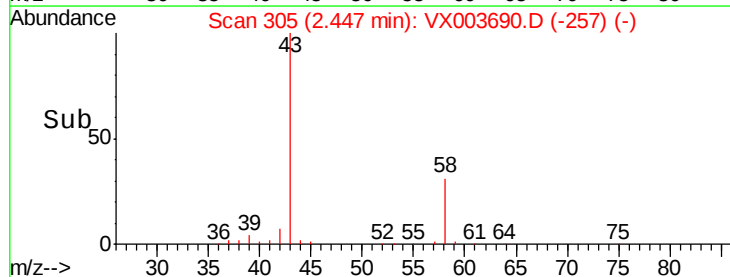
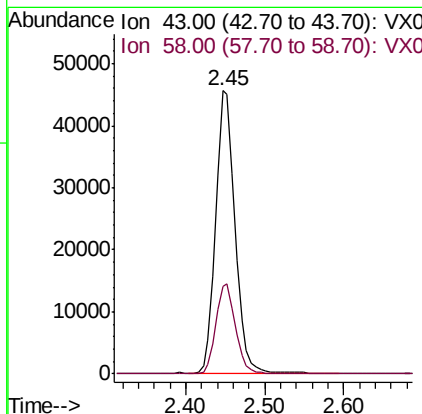
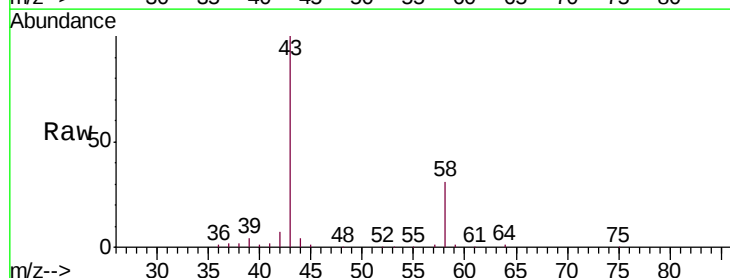
RT: 2.45 min Scan# 305

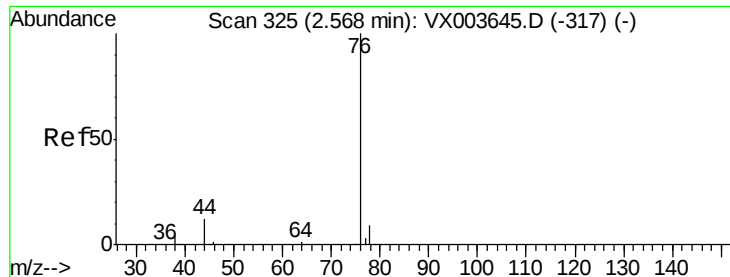
Delta R.T. -0.01 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Tgt Ion:	43	Resp:	77927
Ion	Ratio	Lower	Upper
43	100		
58	31.1	26.1	39.1





#17

Carbon Disulfide

Concen: 19.13 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

Tot Ion: 76 Resp: 69458

Ion Ratio Lower Upper

76 100

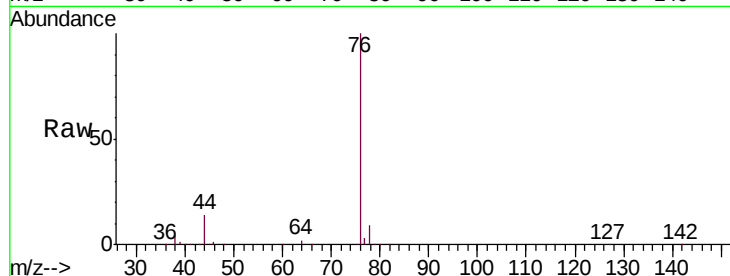
78 8.8 7.4 11.0

Manual Integrations

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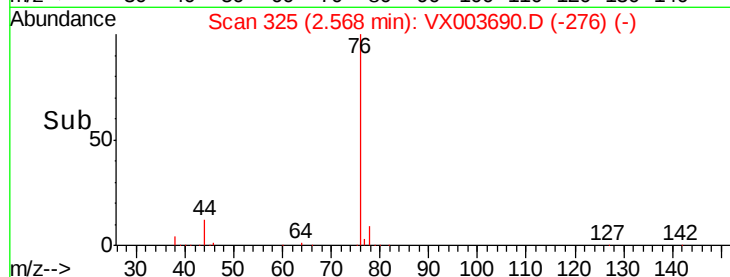


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

Time-->



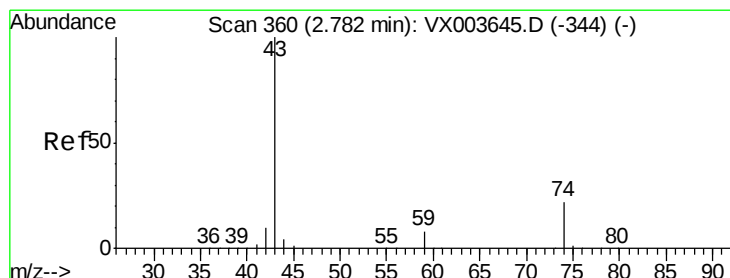
Abundance

Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

Time-->



#18

Methyl Acetate

Concen: 20.92 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003690.D

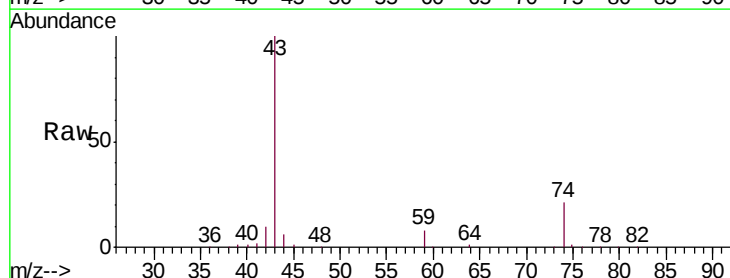
Acq: 27 Jul 2018 01:06

Tgt Ion: 43 Resp: 47986

Ion Ratio Lower Upper

43 100

74 22.4 17.8 26.8

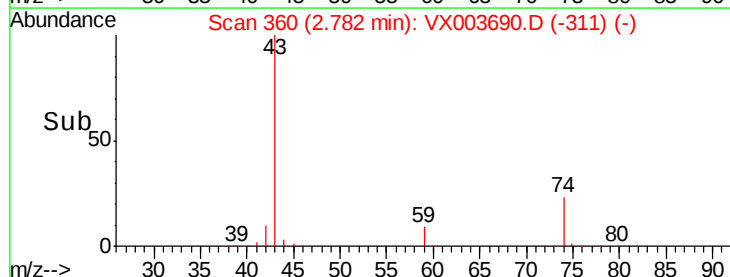


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

Time-->



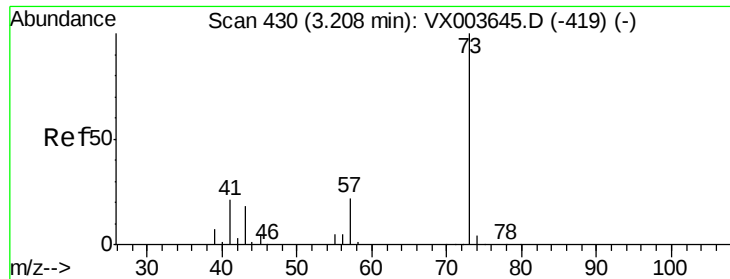
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

Time-->



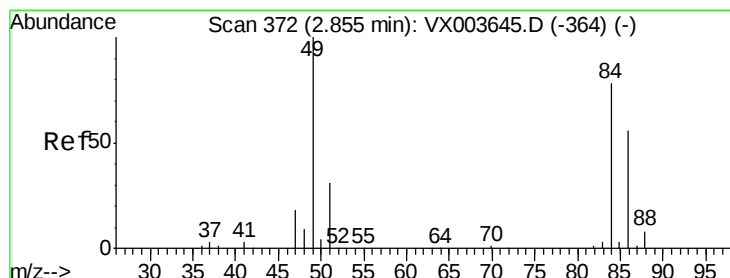
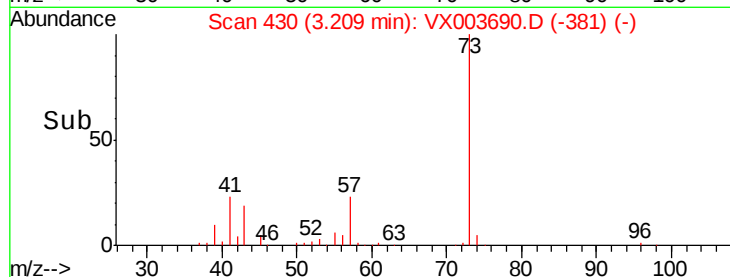
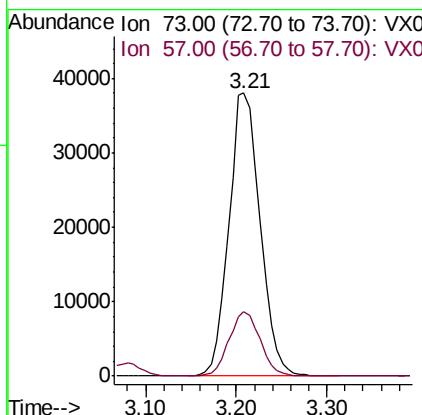
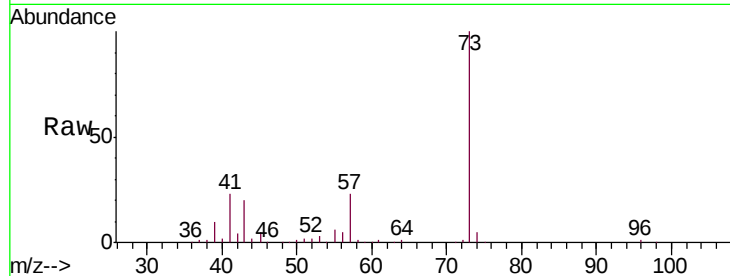
#19
Methvl tert-butvl Ether
Concen: 20.41 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

Tot Ion: 73 Resp: 91014
Ion Ratio Lower Upper
73 100
57 22.6 17.4 26.2

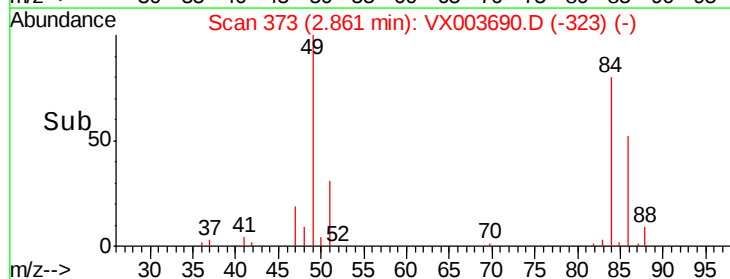
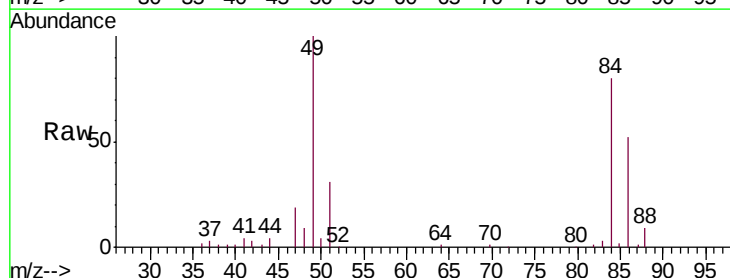
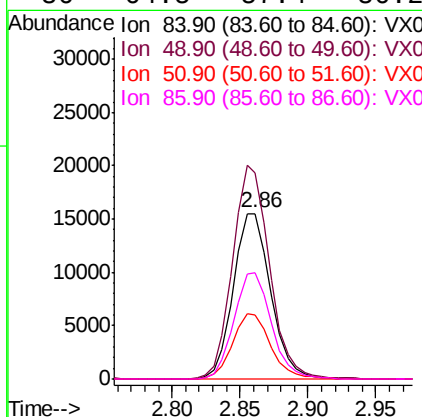
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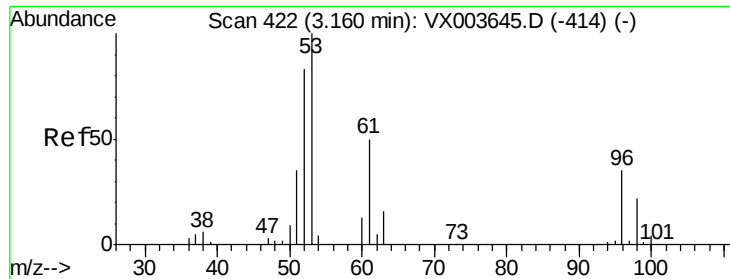
MMDadoda
7/27/2018 5:40:52 PM



#20
Methylene Chloride
Concen: 19.82 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Tgt Ion: 84 Resp: 29831
Ion Ratio Lower Upper
84 100
49 124.5 102.3 153.5
51 38.7 31.8 47.8
86 64.5 57.4 86.2





#21

trans-1,2-Dichloroethene

Concen: 20.01 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

Tot Ion: 96 Resp: 27168

Ion Ratio Lower Upper

96 100

61 138.4 115.0 172.4

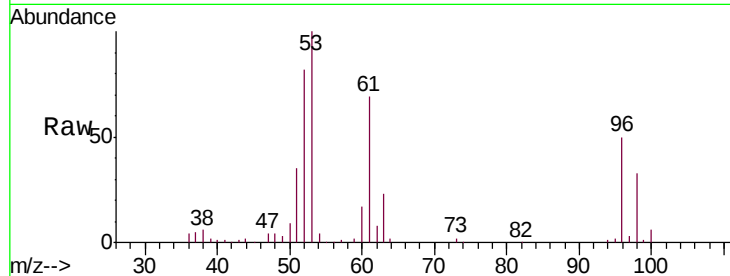
98 66.7 49.7 74.5

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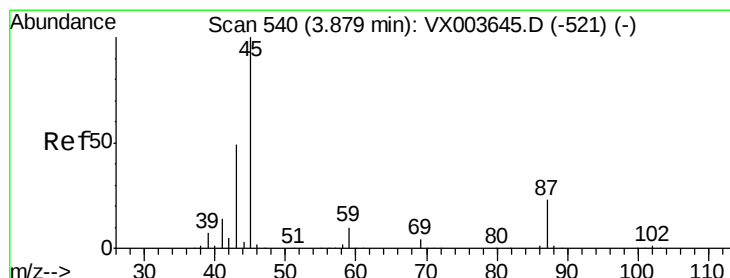
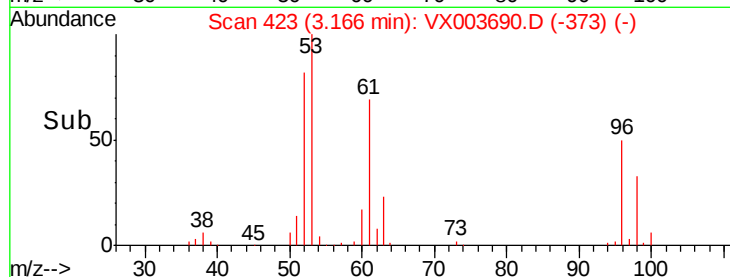
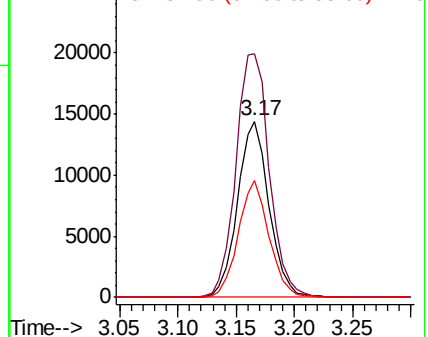


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.93 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Tgt Ion: 45 Resp: 90967

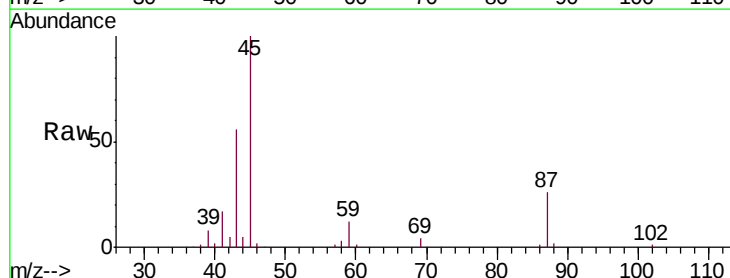
Ion Ratio Lower Upper

45 100

43 55.5 39.0 58.4

87 26.3 18.4 27.6

59 11.5 7.8 11.8



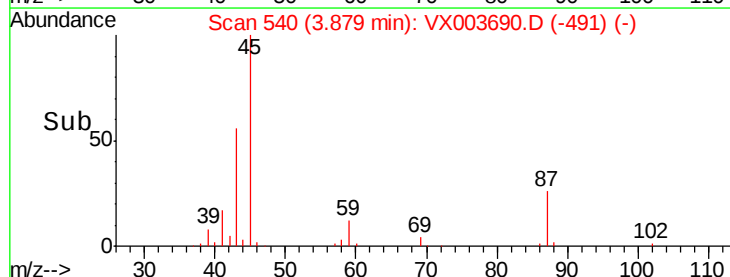
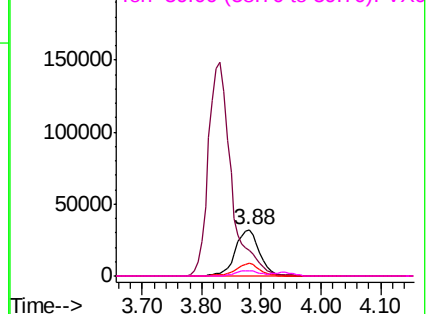
Abundance

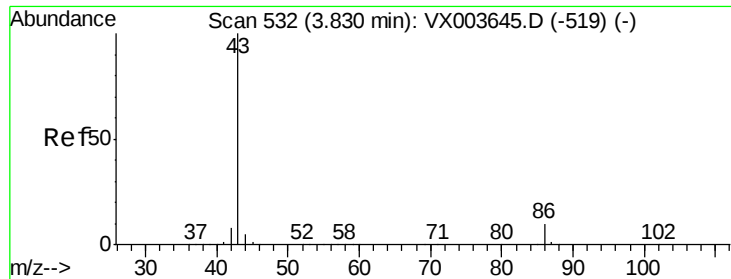
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 95.82 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

Tot Ion: 43 Resp: 394404

Ion Ratio Lower Upper

43 100

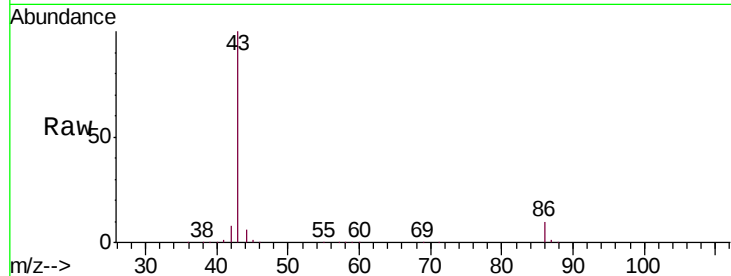
86 9.6 7.7 11.5

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

150000

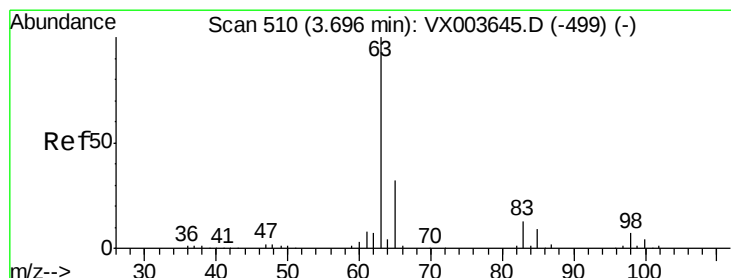
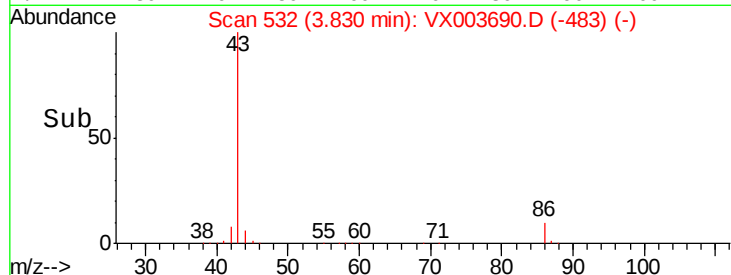
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 20.06 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

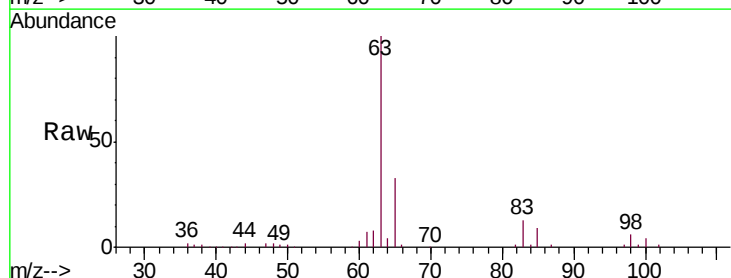
Tgt Ion: 63 Resp: 54318

Ion Ratio Lower Upper

63 100

98 6.3 3.3 9.8

100 4.4 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

30000

25000

20000

15000

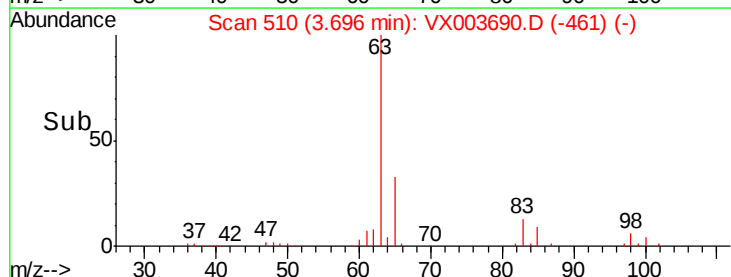
10000

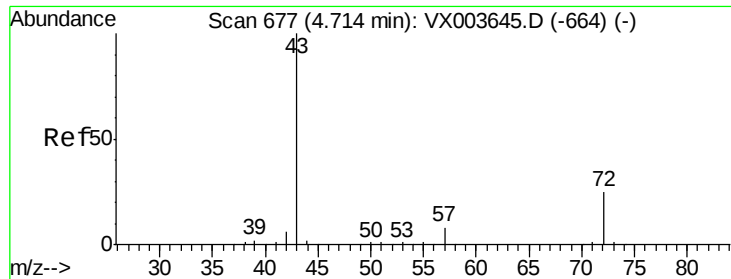
5000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 100.44 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

Tot Ion: 43 Resp: 117854

Ion Ratio Lower Upper

43 100

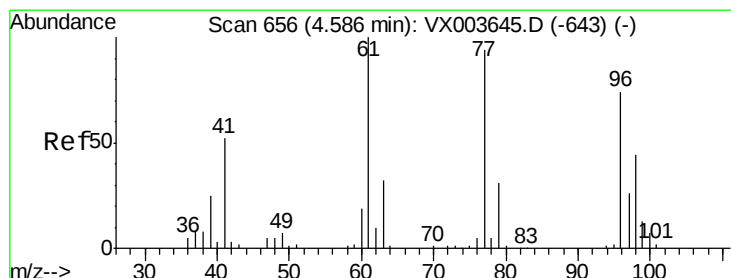
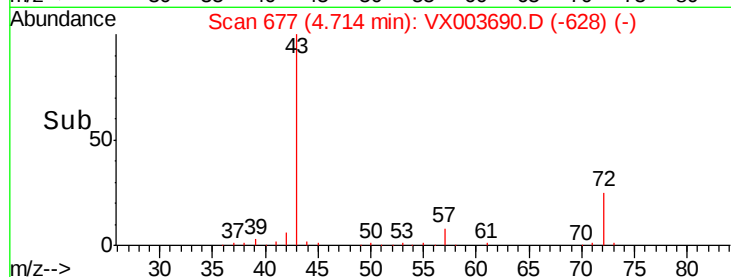
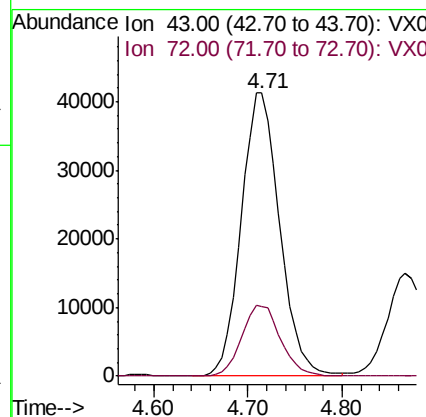
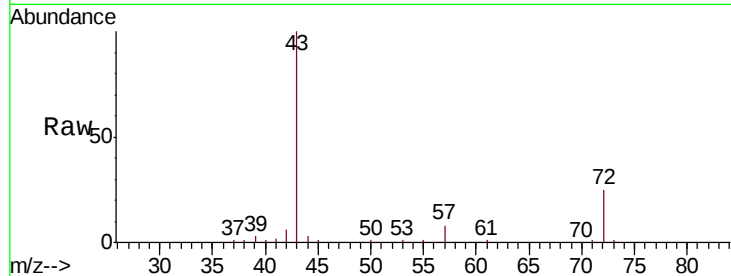
72 24.6 20.2 30.4

Manual Integrations

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MMDadoda

7/27/2018 5:40:52 PM



#26

2,2-Dichloropropane

Concen: 13.85 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003690.D

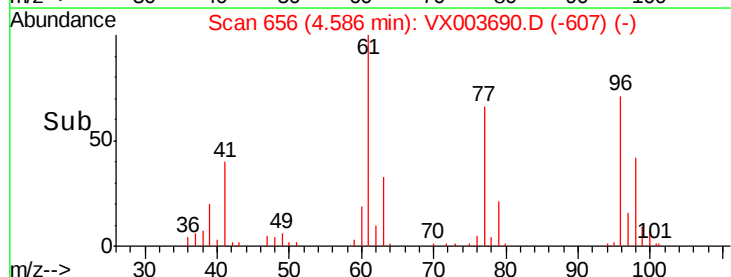
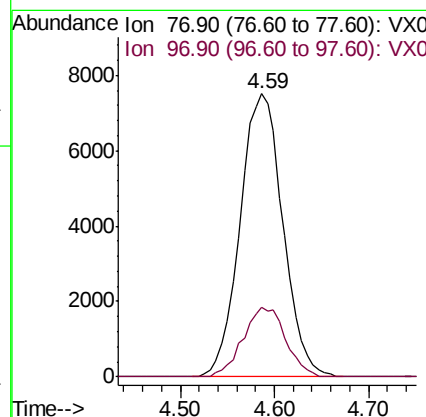
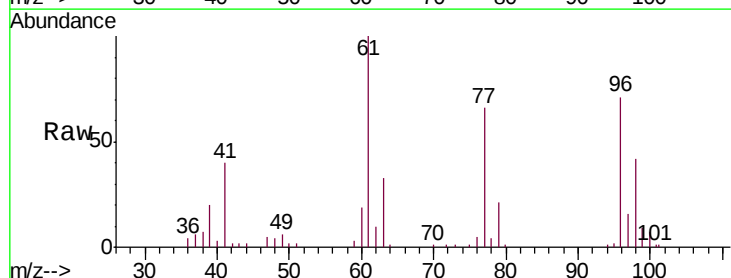
Acq: 27 Jul 2018 01:06

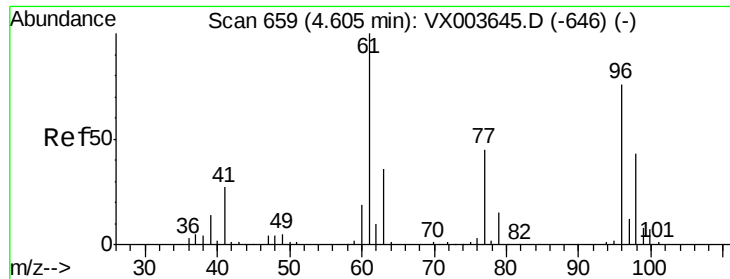
Tgt Ion: 77 Resp: 23723

Ion Ratio Lower Upper

77 100

97 24.5 12.0 36.0





#27

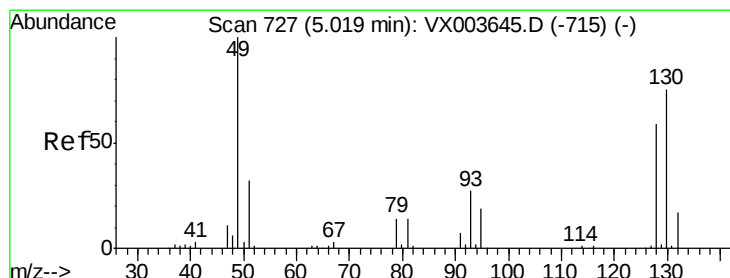
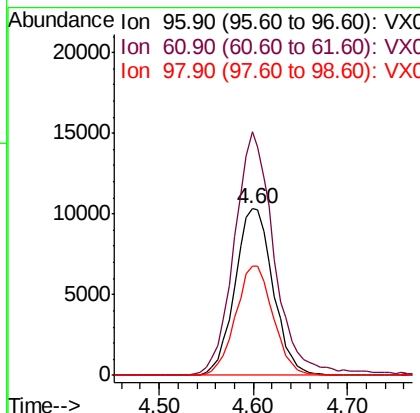
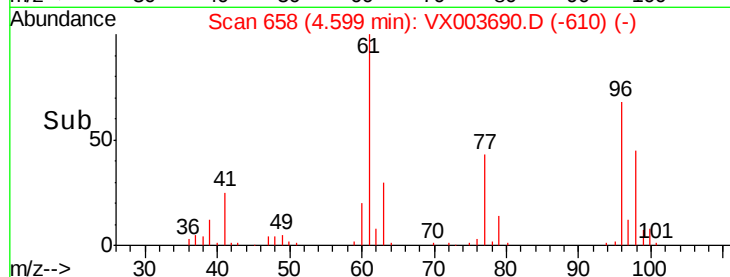
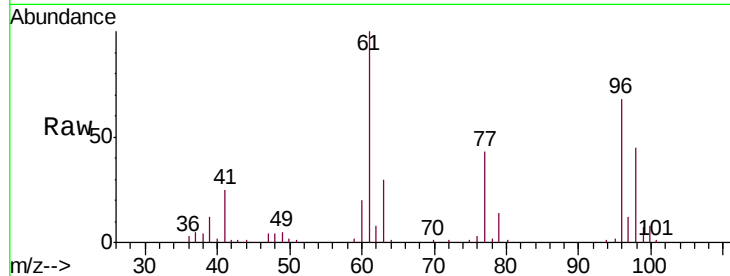
cis-1,2-Dichloroethene
Concen: 19.78 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	29156		
61	155.1	0.0	313.6	
98	64.6	0.0	125.6	

Manual Integrations
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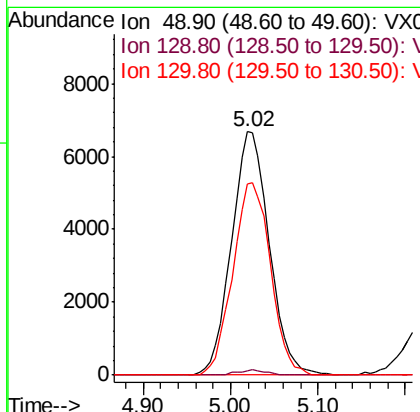
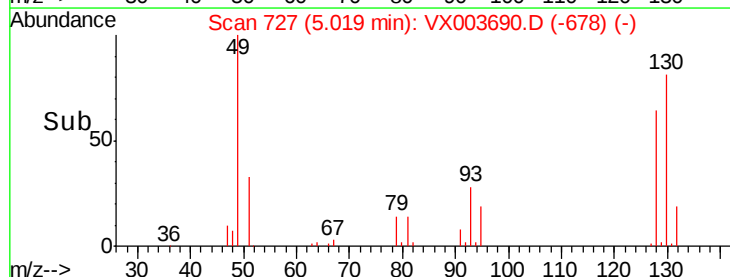
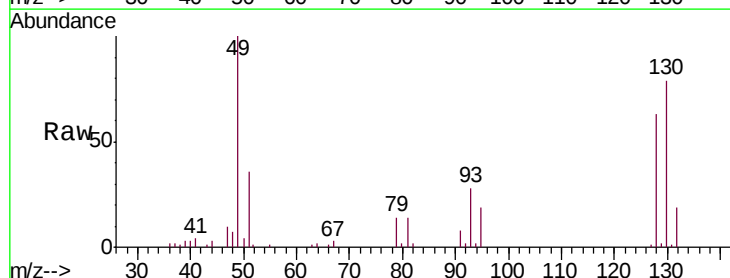
MMDadoda
7/27/2018 5:40:52 PM

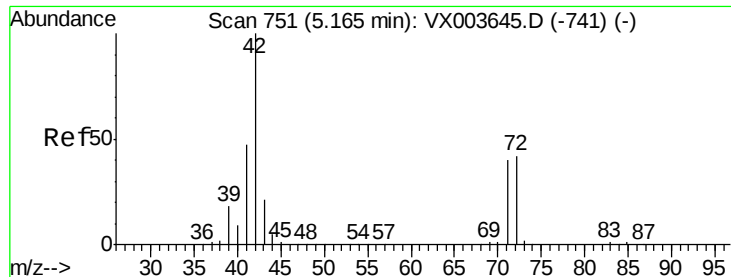


#28

Bromochloromethane
Concen: 18.41 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	20004		
129	1.7	0.0	4.2	
130	78.9	61.0	91.6	





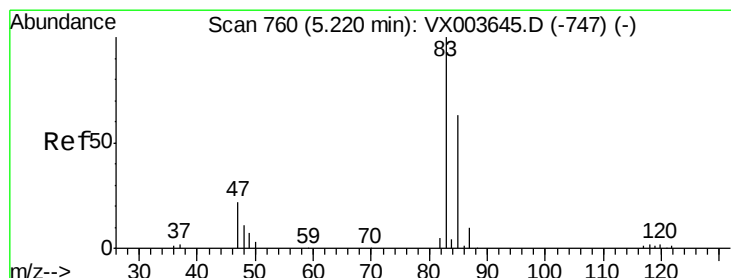
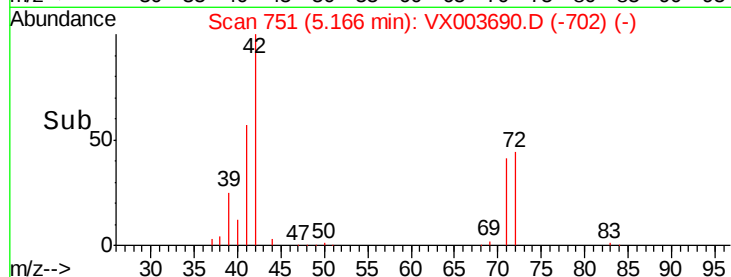
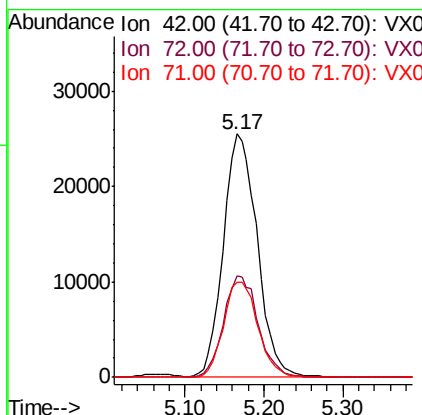
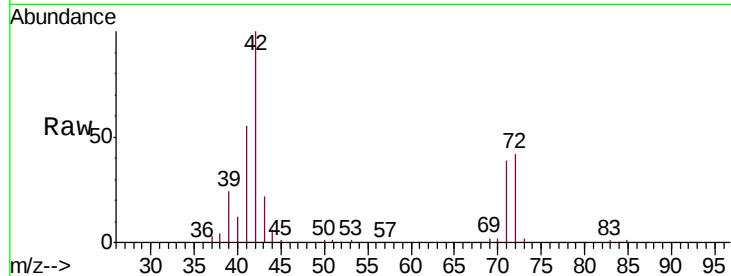
#29
Tetrahydrofuran
Concen: 99.20 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.5	33.4	50.0
71	40.0	31.0	46.6

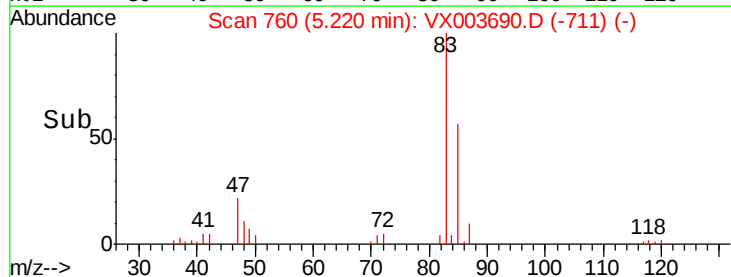
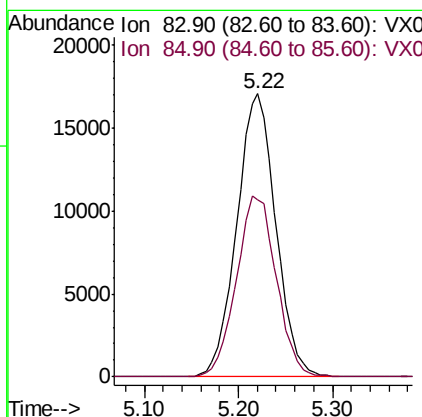
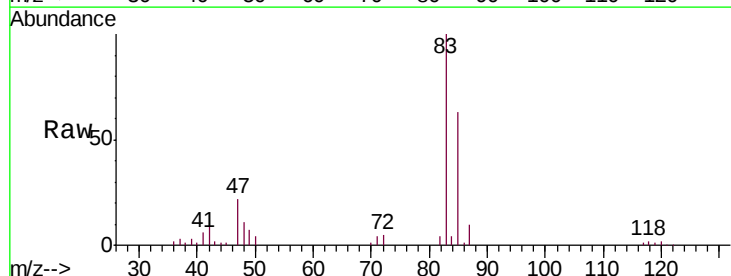
Manual Integrations
APPROVED

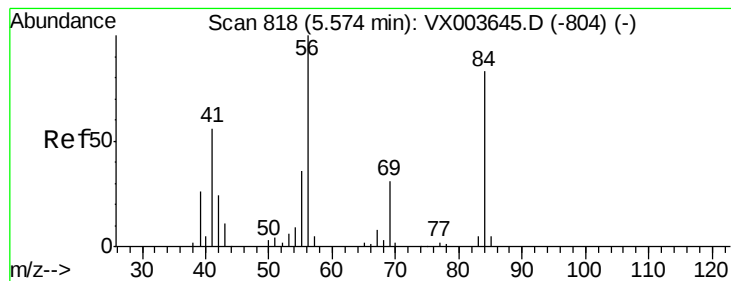
MMDadoda
7/27/2018 5:40:52 PM



#30
Chloroform
Concen: 20.14 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.5	50.2	75.4





#31

Cyclohexane

Concen: 19.70 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

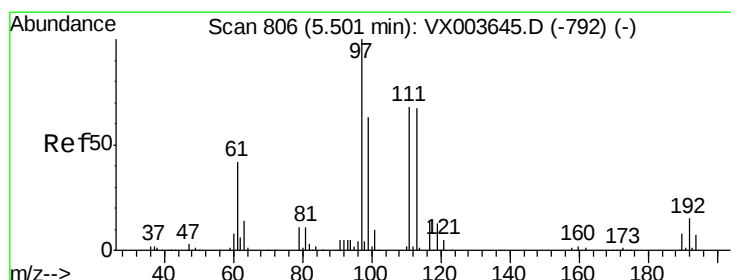
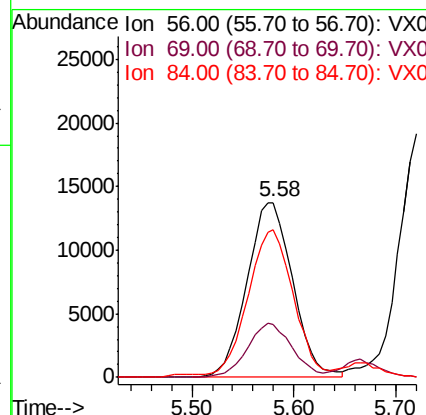
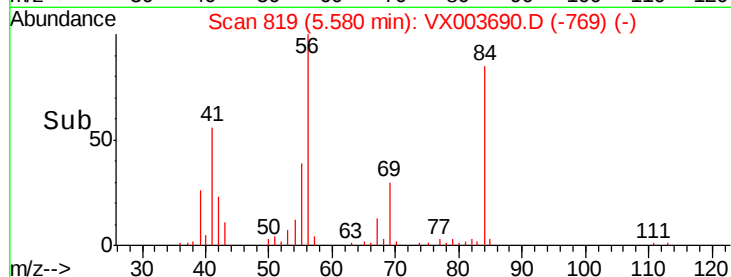
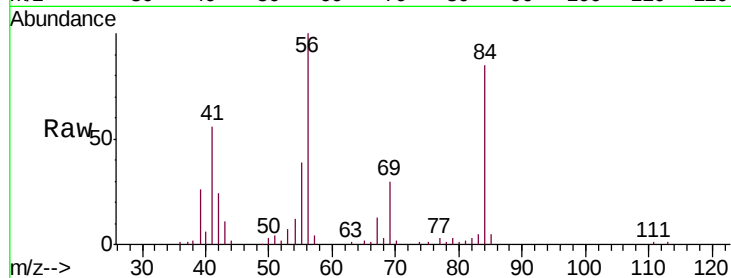
ClientSampleId :

VX0726WBSD02

Tot Ion:	56	Resp:	42825
Ion	Ratio	Lower	Upper
56	100		
69	30.0	25.0	37.6
84	82.8	66.5	99.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.46 ug/l

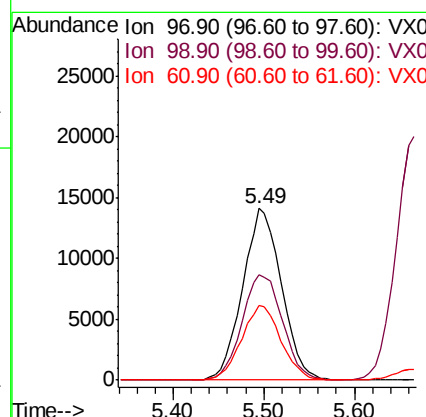
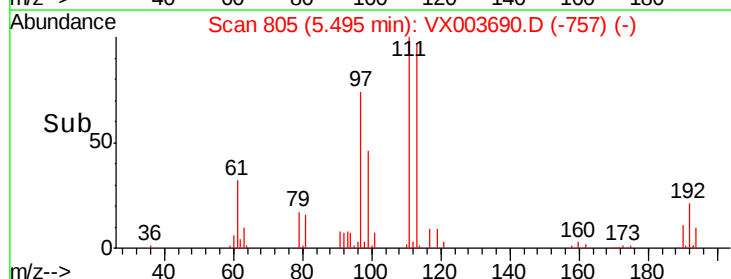
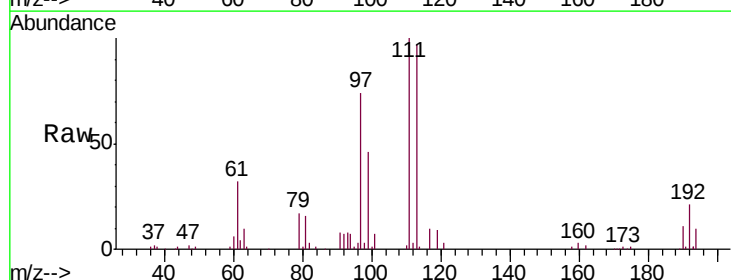
RT: 5.49 min Scan# 805

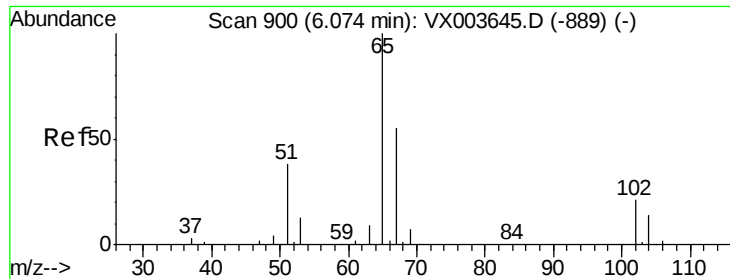
Delta R.T. -0.01 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Tgt Ion:	97	Resp:	41742
Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.4	75.6
61	44.4	34.5	51.7





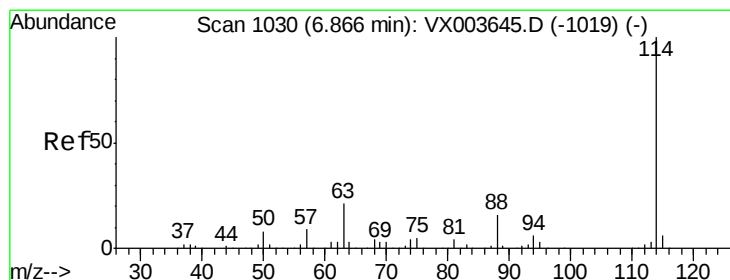
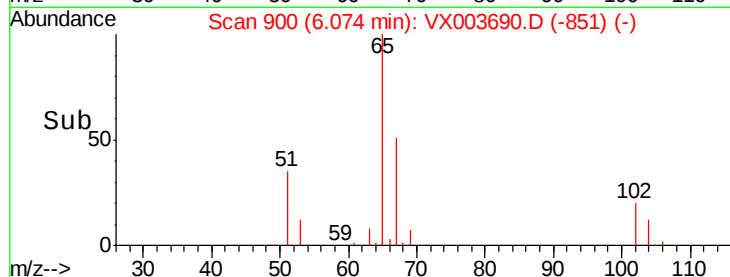
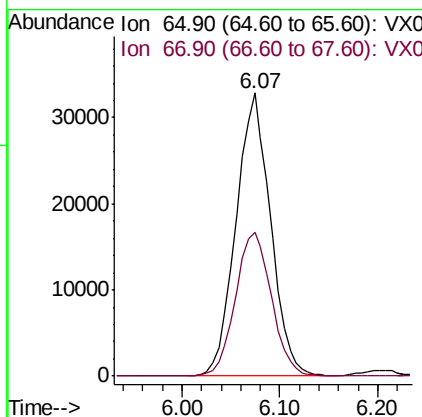
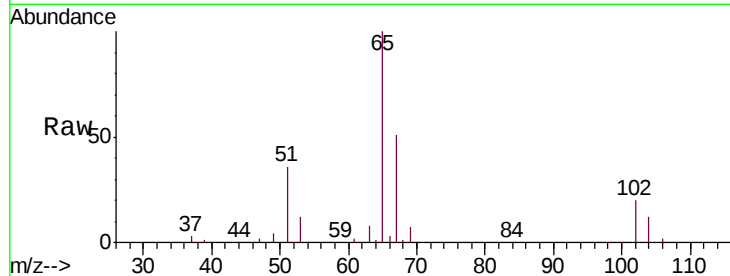
#33
 1,2-Dichloroethane-d4
 Concen: 49.88 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD02

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	107.8

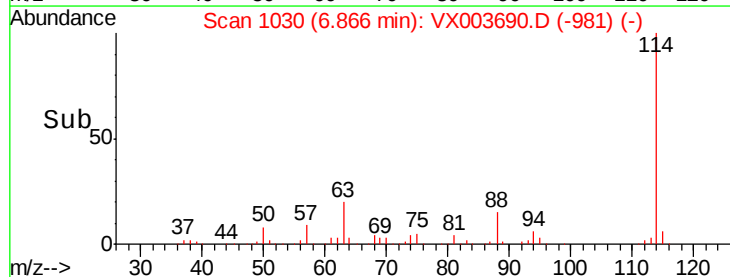
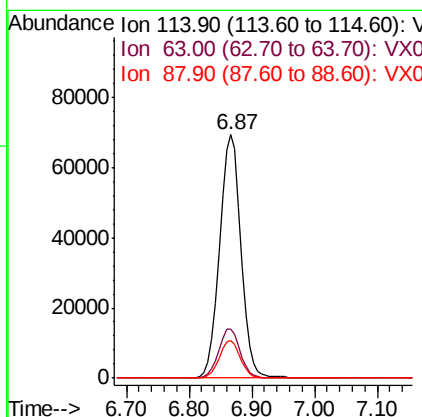
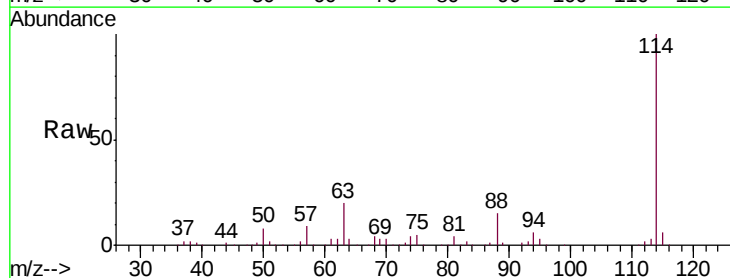
Manual Integrations
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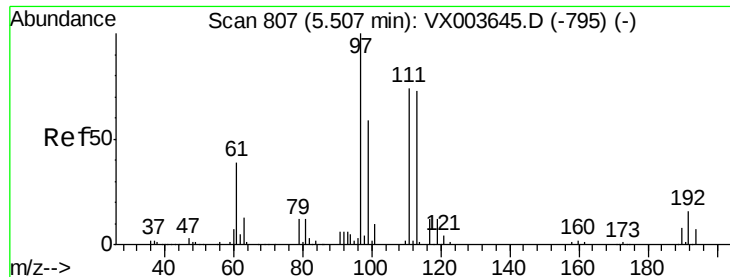
MMDadoda
 7/27/2018 5:40:52 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	41.0
88	15.3	0.0	31.8





#35

Dibromofluoromethane

Concen: 50.02 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

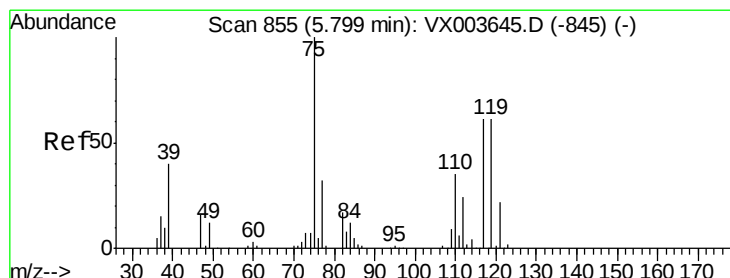
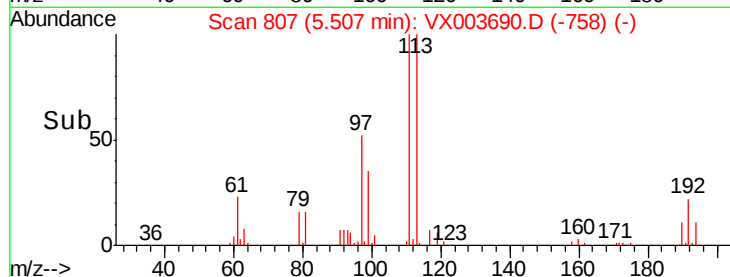
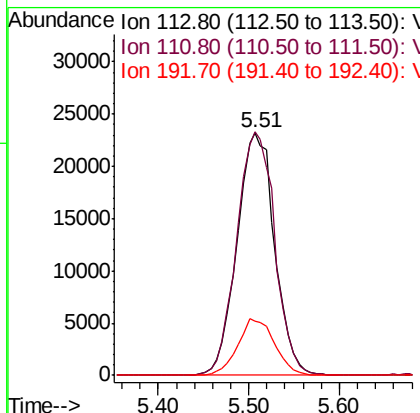
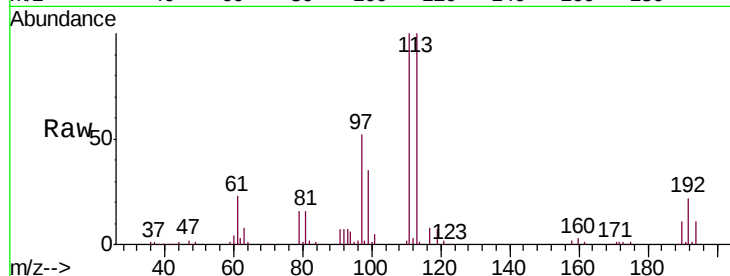
ClientSampleId :

VX0726WBSD02

Tot Ion:	113	Resp:	66661
Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.2	121.8
192	22.8	18.2	27.4

Manual Integrations
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MMDadoda
7/27/2018 5:40:52 PM



#36

1,1-Dichloropropene

Concen: 19.22 ug/l

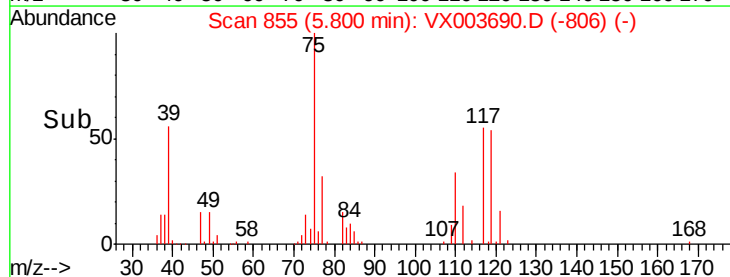
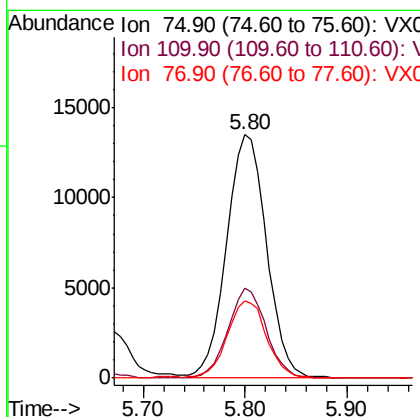
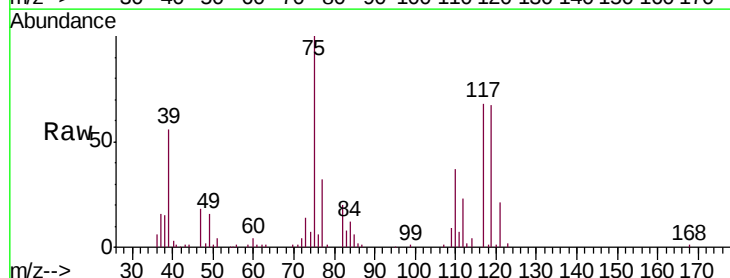
RT: 5.80 min Scan# 855

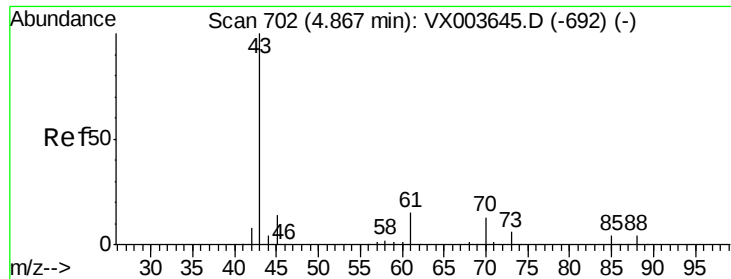
Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Tgt Ion:	75	Resp:	36628
Ion	Ratio	Lower	Upper
75	100		
110	35.2	18.1	54.1
77	31.3	25.1	37.7





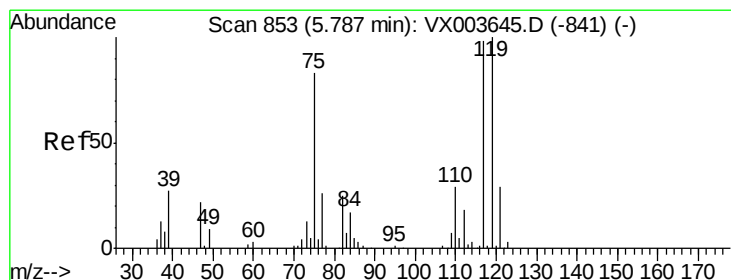
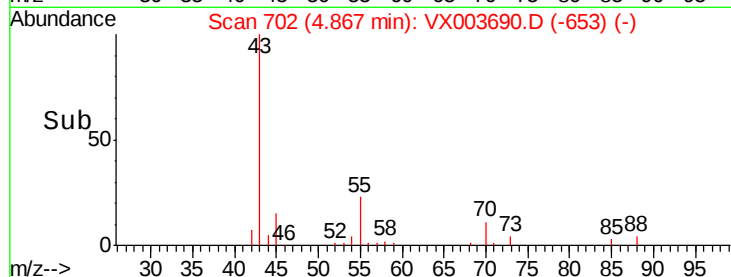
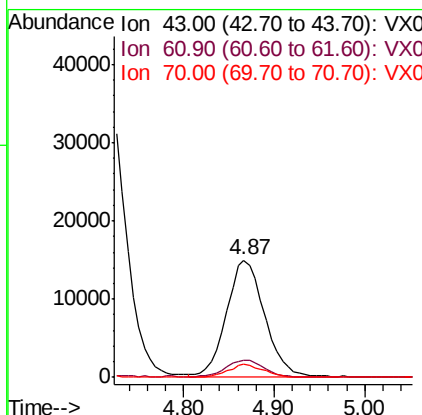
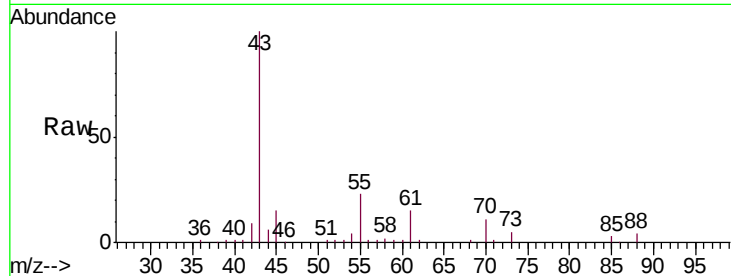
#37
Ethyl Acetate
Concen: 18.93 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Instrument :
MSVOA_X
ClientSampled :
VX0726WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.9	17.9
70	10.4	8.6	12.8

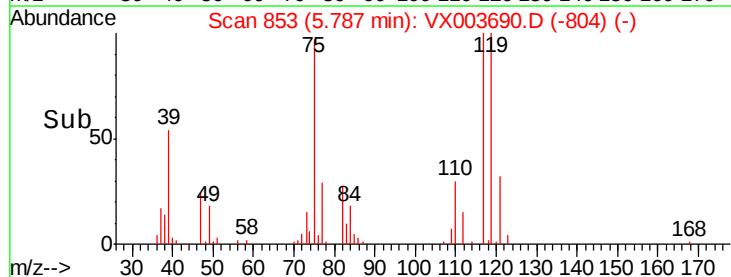
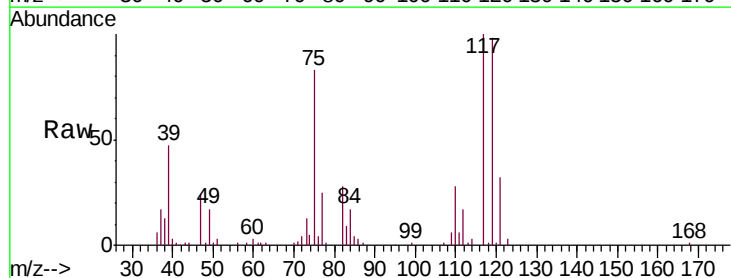
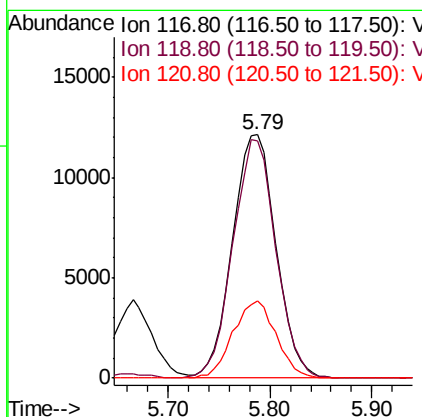
Manual Integrations
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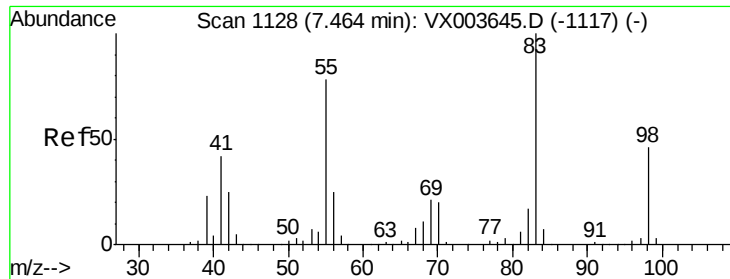
MMDadoda
7/27/2018 5:40:52 PM



#38
Carbon Tetrachloride
Concen: 19.59 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	81.0	121.4
121	31.8	23.7	35.5





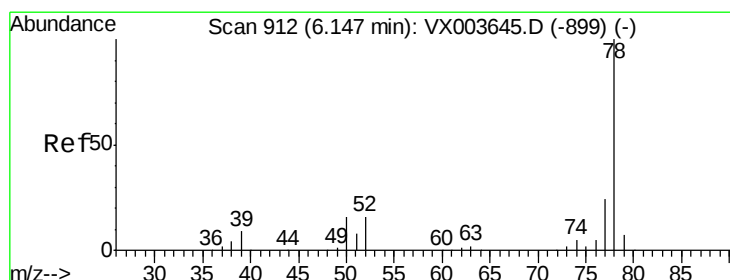
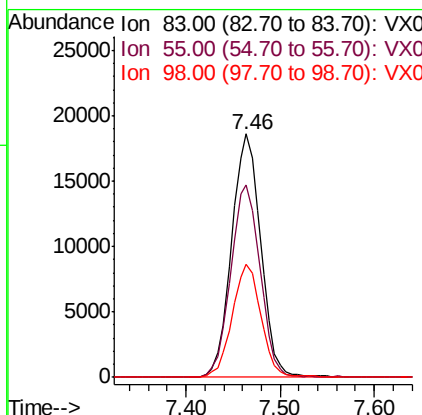
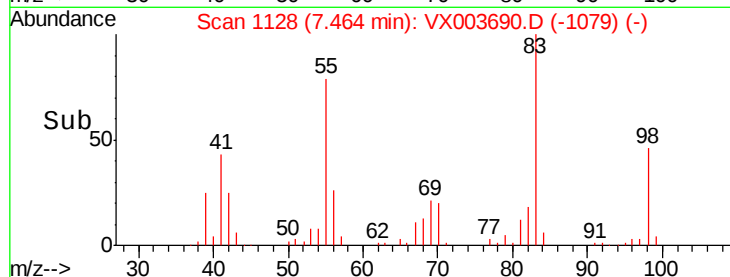
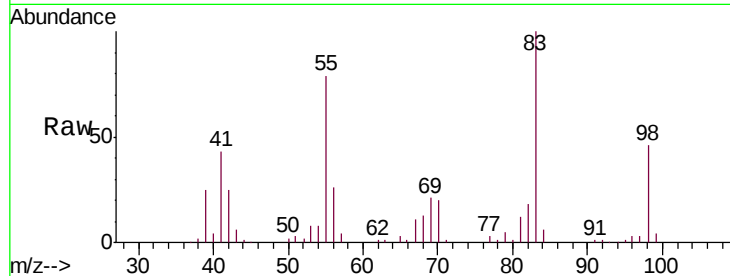
#39
Methvlcvclohexane
Concen: 19.12 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.0	62.6	93.8
98	46.4	36.6	55.0

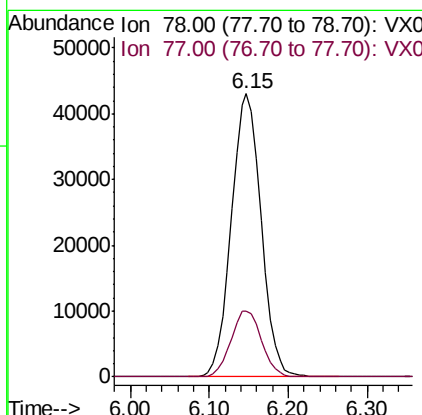
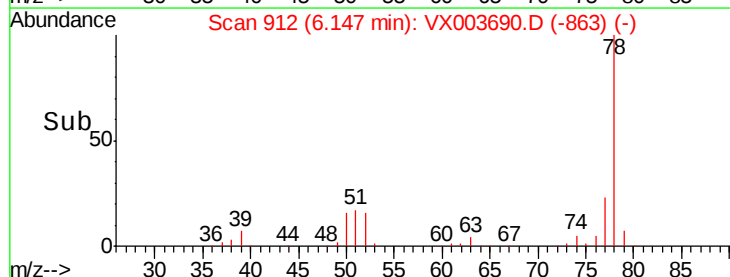
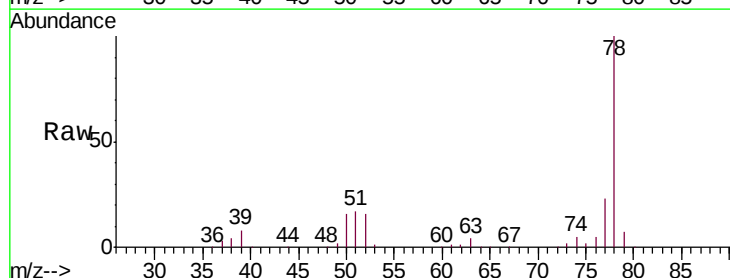
Manual Integrations
APPROVED

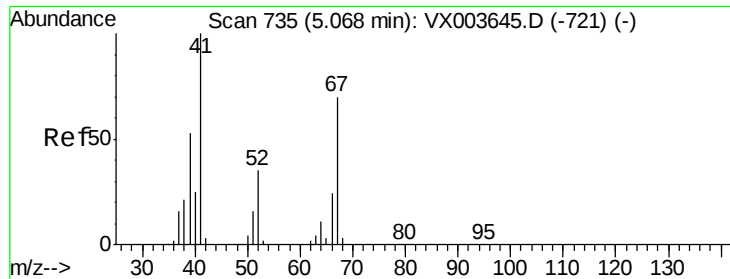
MMDadoda
7/27/2018 5:40:52 PM



#40
Benzene
Concen: 20.05 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.6





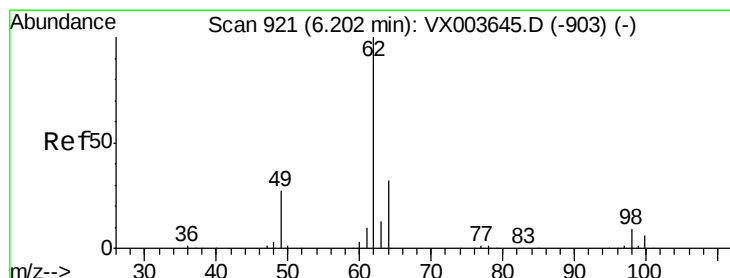
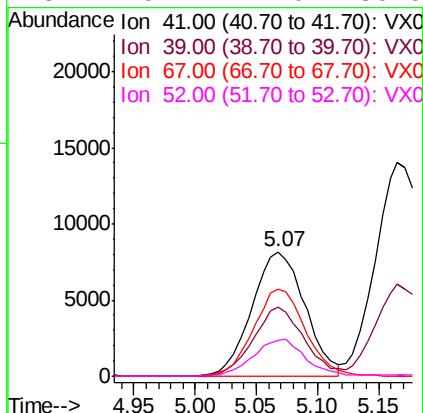
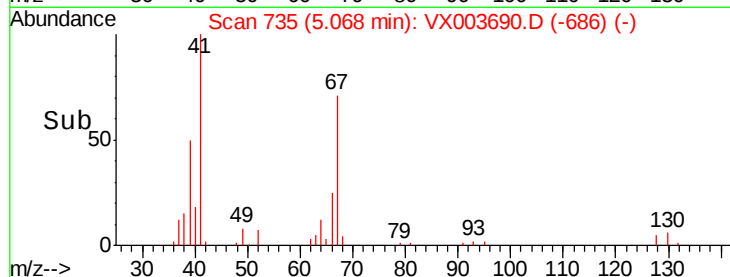
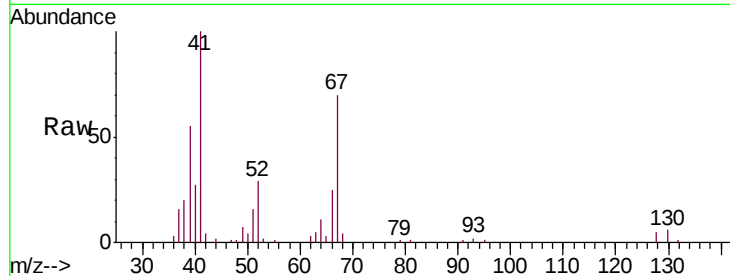
#41
Methacrylonitrile
Concen: 19.43 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

Tot Ion:	41	Resp:	24657
Ion	Ratio	Lower	Upper
41	100		
39	53.6	42.2	63.4
67	68.8	56.6	84.8
52	29.4	24.0	36.0

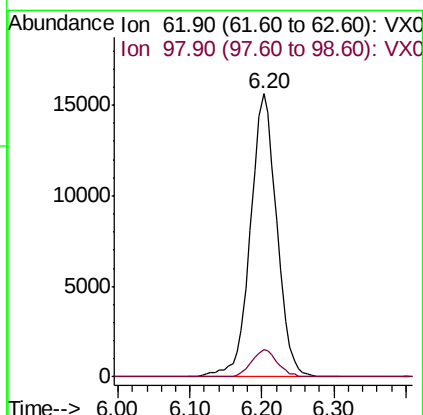
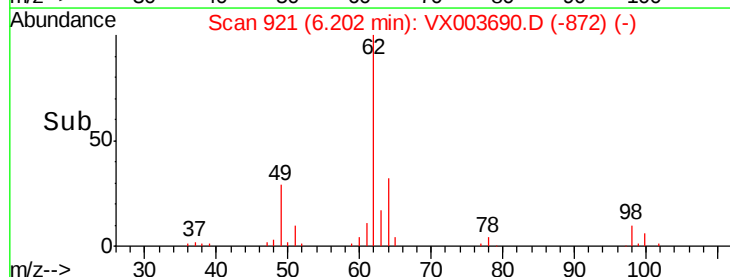
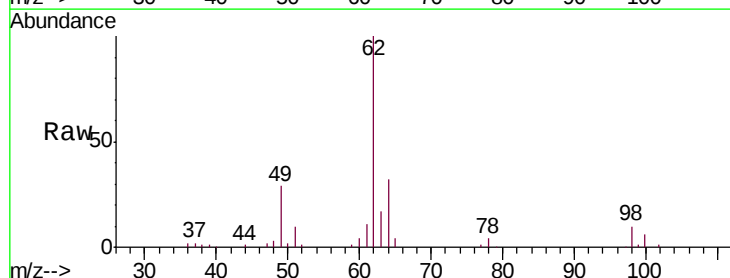
Manual Integrations
APPROVED

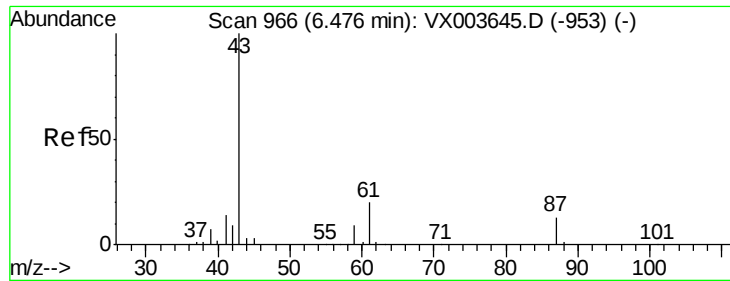
MMDadoda
7/27/2018 5:40:52 PM



#42
1,2-Dichloroethane
Concen: 20.05 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Tgt Ion:	62	Resp:	39801
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.4





#43

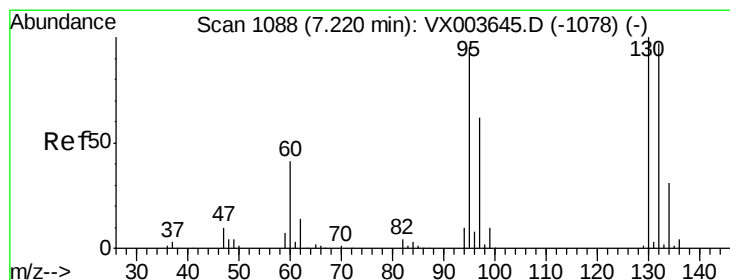
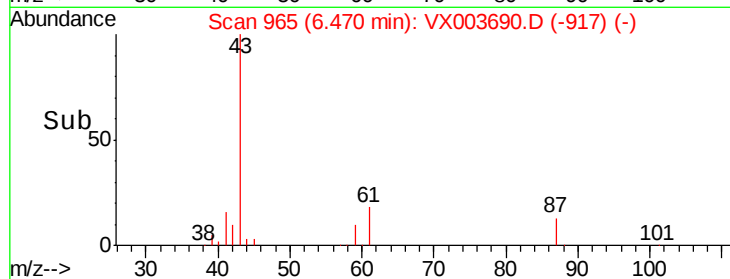
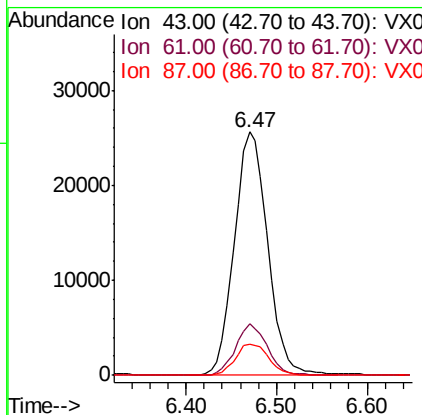
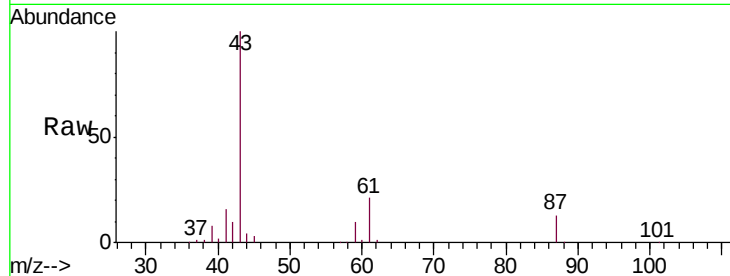
Isopropyl Acetate
 Concen: 19.56 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.9	23.9
87	12.8	10.1	15.1

Manual Integrations
 APPROVED

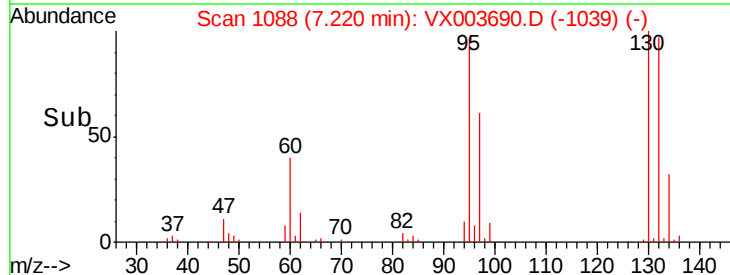
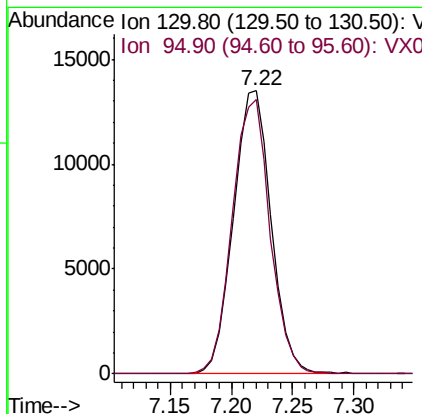
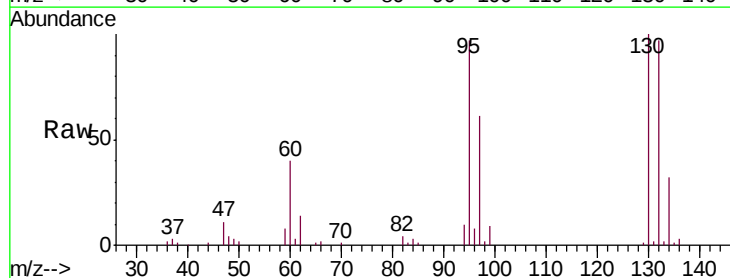
MMDadoda
 7/27/2018 5:40:52 PM



#44

Trichloroethene
 Concen: 19.05 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	190.0





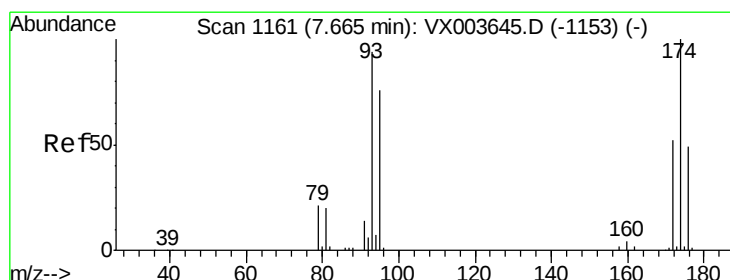
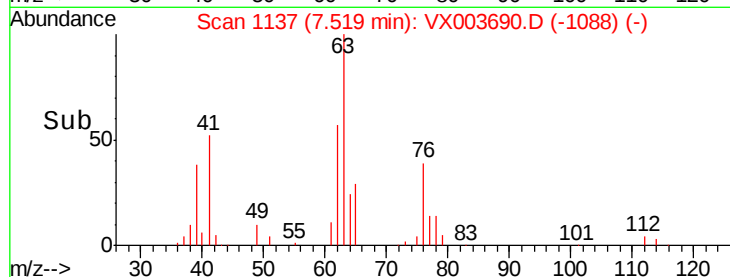
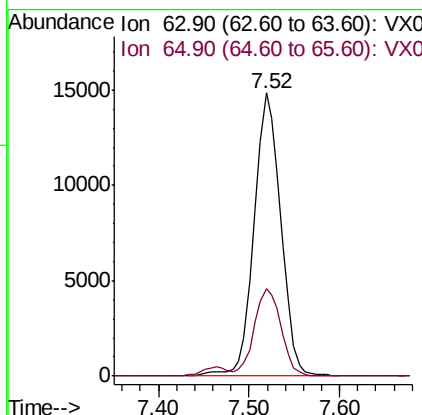
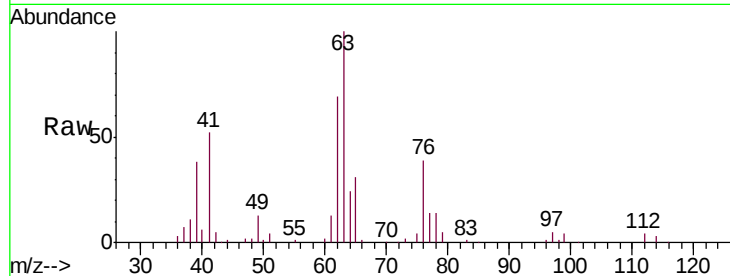
#45
 1,2-Dichloropropane
 Concen: 20.83 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD02

Tot Ion: 63 Resp: 30365
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.0 36.0

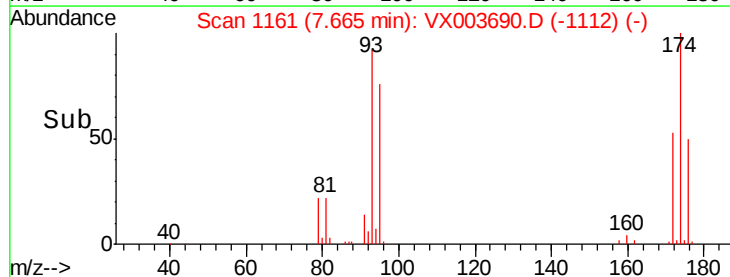
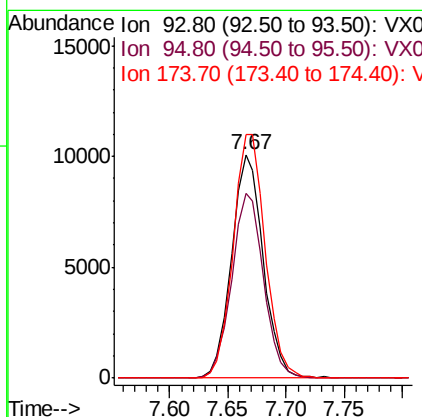
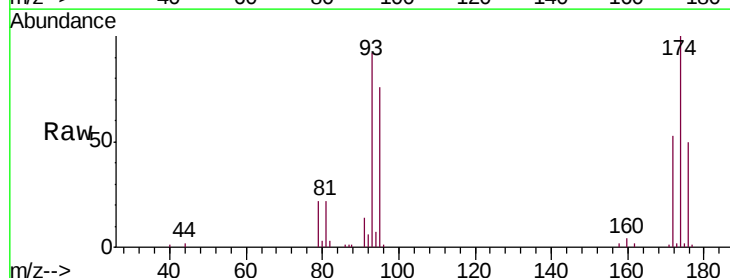
Manual Integrations
 APPROVED

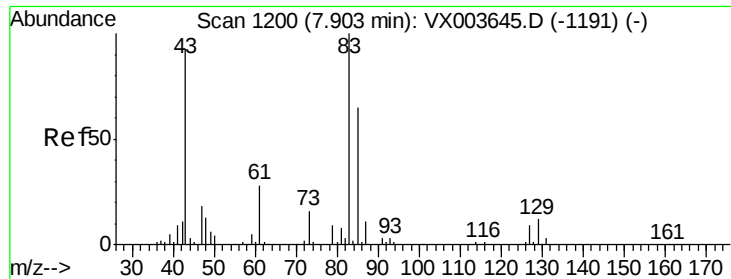
MMDadoda
 7/27/2018 5:40:52 PM



#46
 Dibromomethane
 Concen: 20.34 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

Tgt Ion: 93 Resp: 19052
 Ion Ratio Lower Upper
 93 100
 95 83.2 67.0 100.6
 174 110.5 89.6 134.4





#47

Bromodichloromethane

Concen: 19.84 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

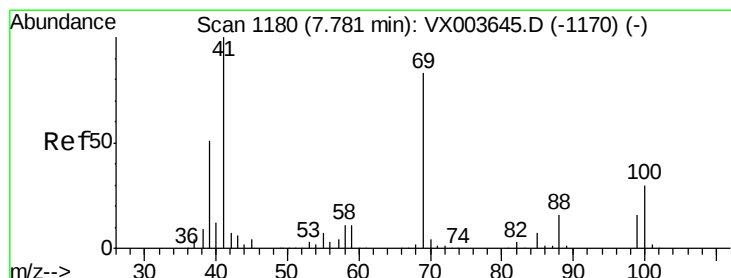
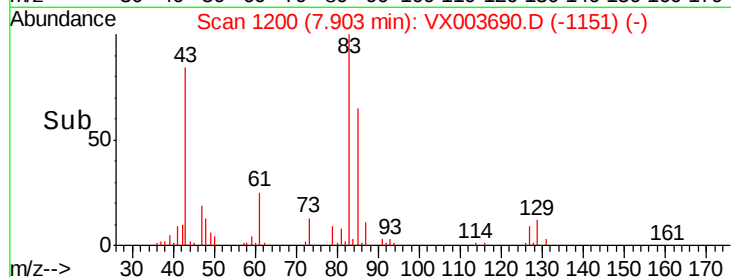
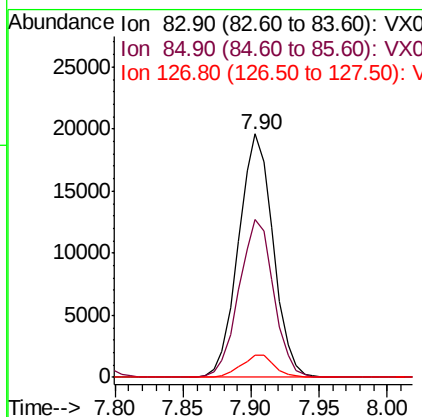
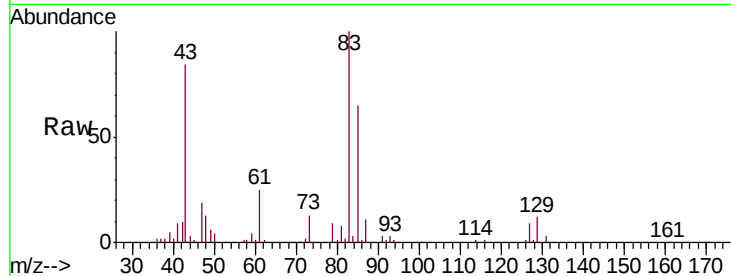
ClientSampleId :

VX0726WBSD02

Tot Ion:	83	Resp:	34833
Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.8	77.6
127	8.9	7.0	10.6

Manual Integrations
APPROVED

MMDadoda
7/27/2018 5:40:52 PM



#48

Methyl methacrylate

Concen: 19.66 ug/l

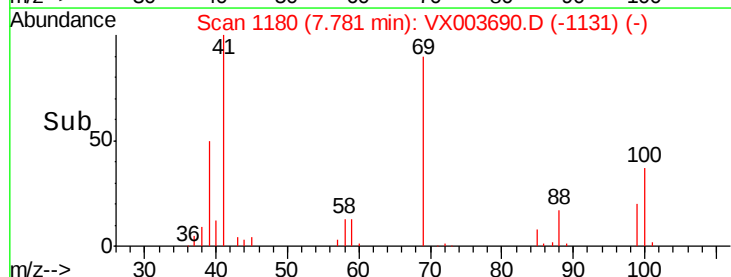
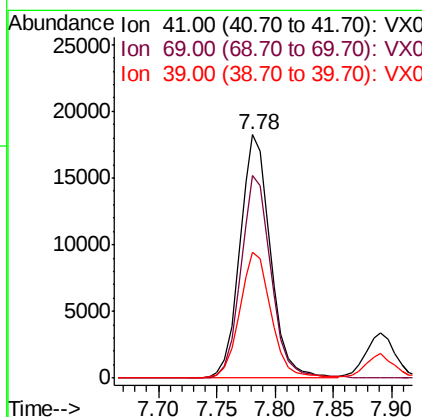
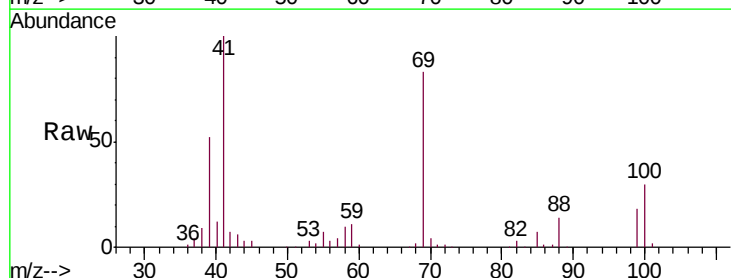
RT: 7.78 min Scan# 1180

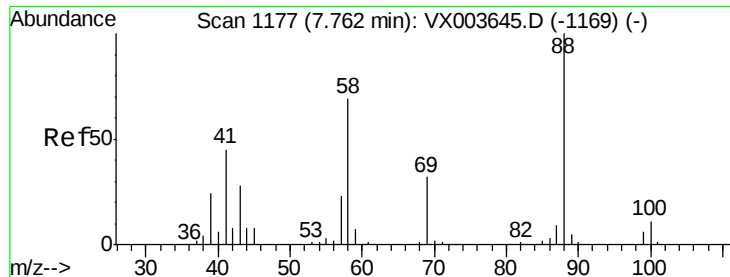
Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Tgt Ion:	41	Resp:	33356
Ion	Ratio	Lower	Upper
41	100		
69	82.7	66.9	100.3
39	53.3	41.2	61.8





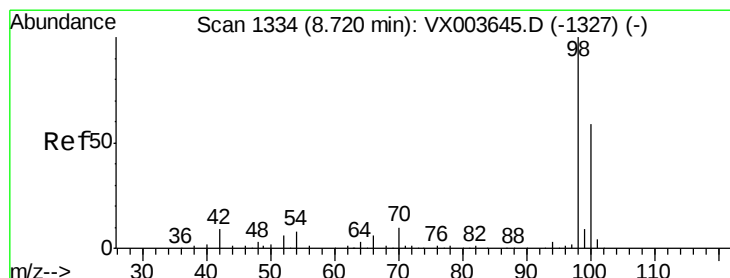
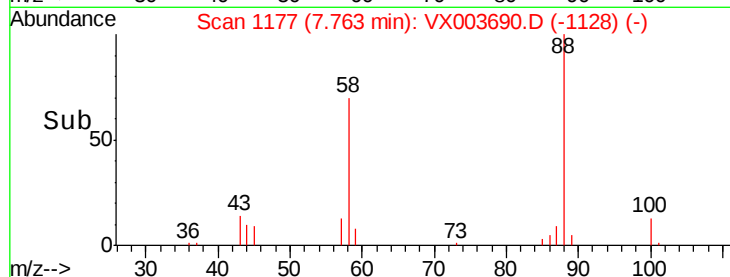
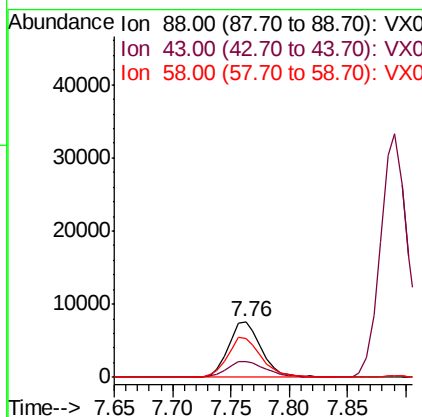
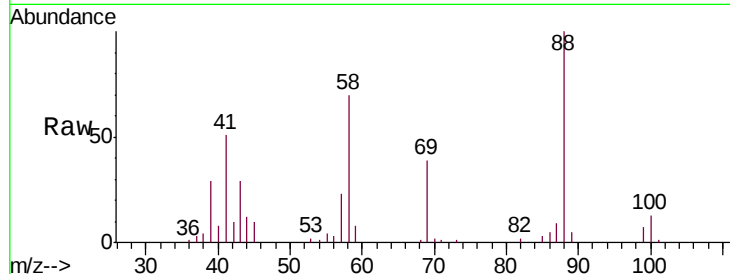
#49
1,4-Dioxane
Concen: 398.06 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.6	25.8	38.6
58	73.4	58.3	87.5

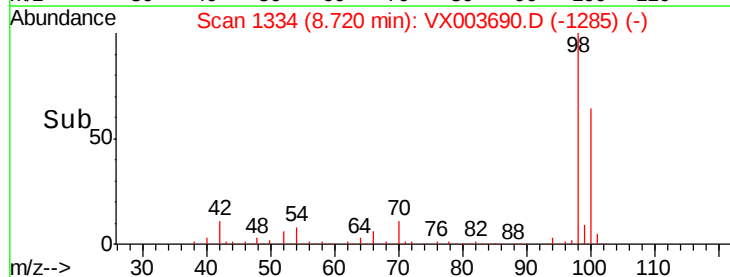
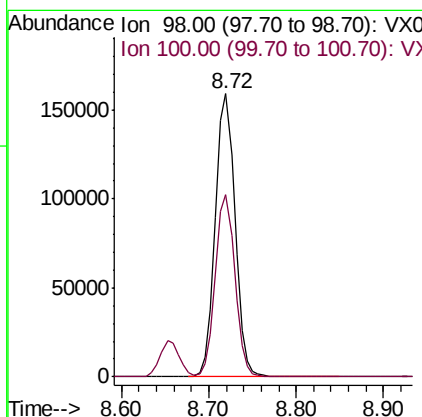
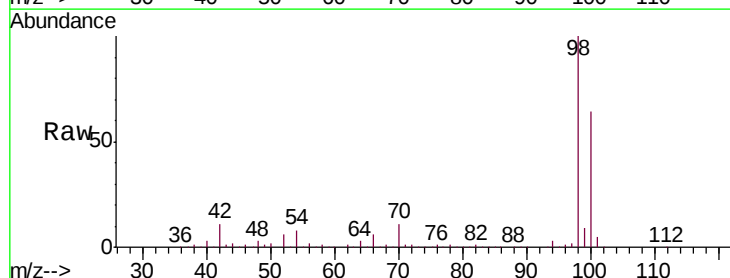
Manual Integrations
APPROVED

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7/27/2018 5:40:52 PM



#50
Toluene-d8
Concen: 49.01 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 99.92 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

Tot Ion: 43 Resp: 225368

Ion Ratio Lower Upper

43 100

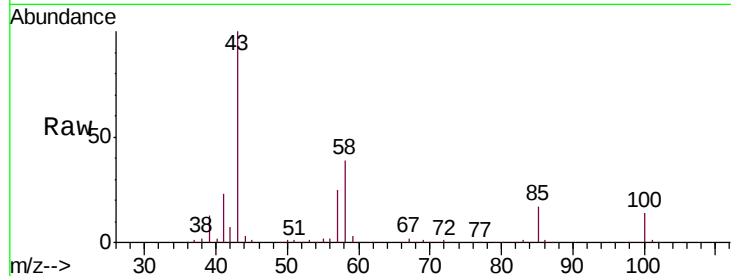
58 38.2 31.5 47.3

Manual Integrations

APPROVED

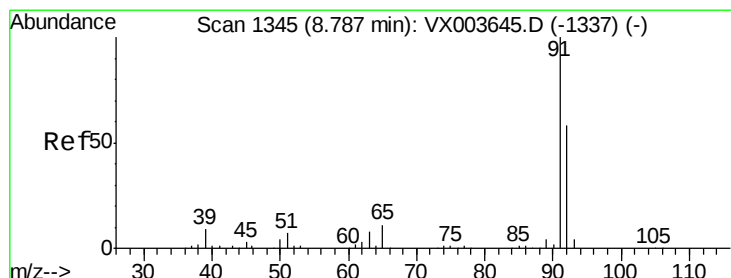
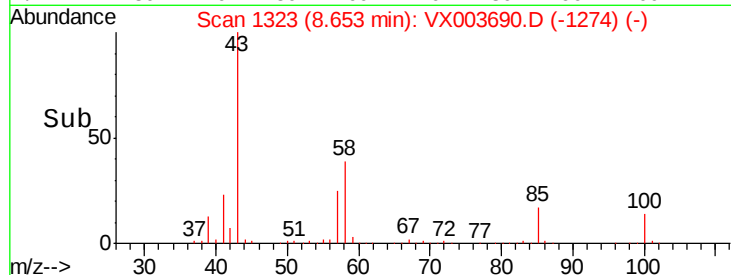
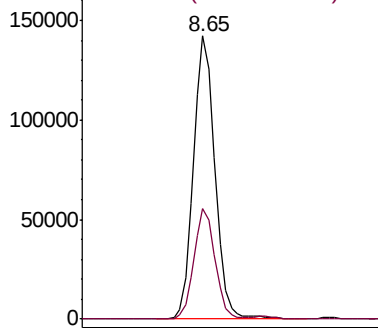
MMDadoda

7/27/2018 5:40:52 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.81 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003690.D

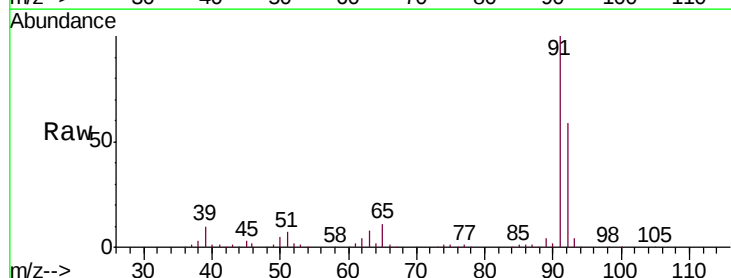
Acq: 27 Jul 2018 01:06

Tgt Ion: 92 Resp: 69432

Ion Ratio Lower Upper

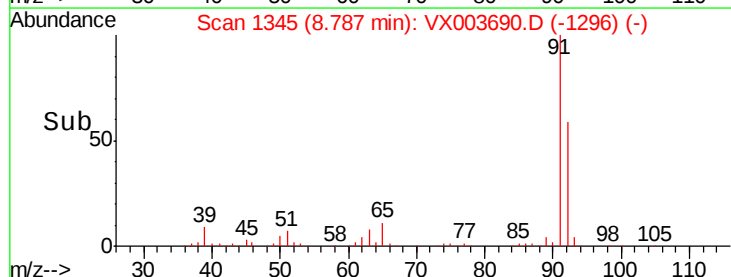
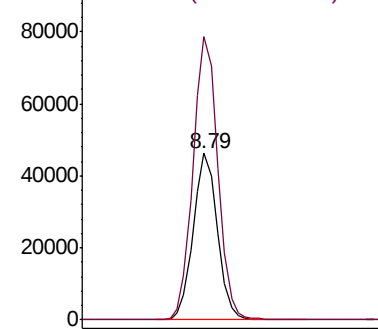
92 100

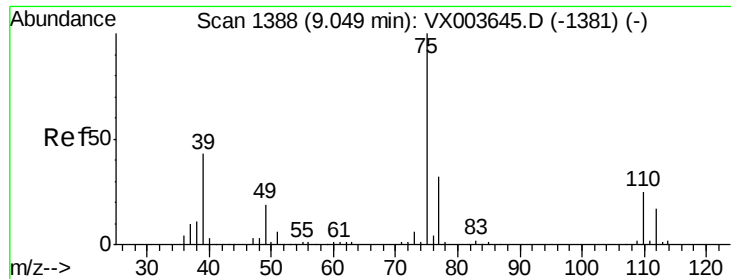
91 174.9 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





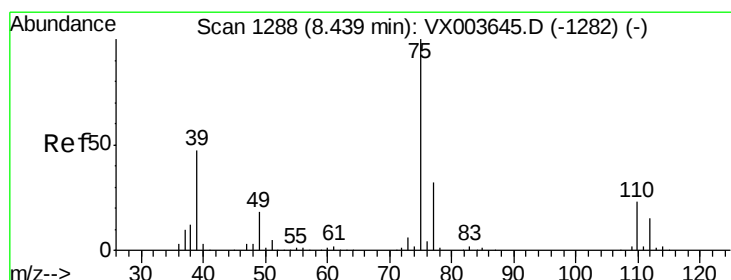
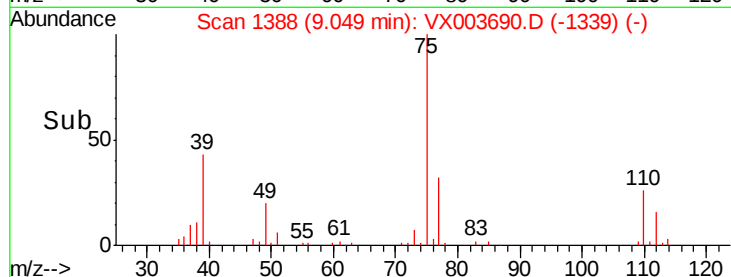
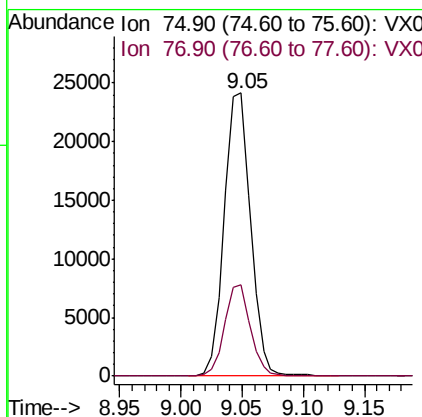
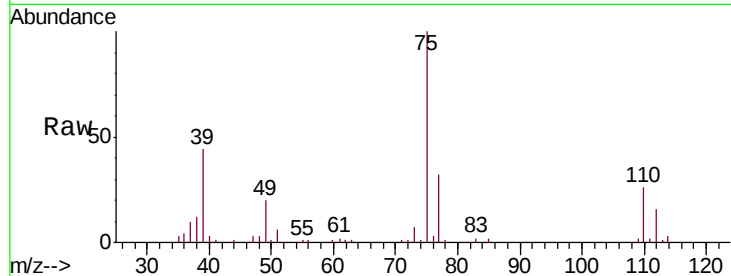
#53
t-1,3-Dichloropropene
Concen: 18.54 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

Tot Ion: 75 Resp: 36049
Ion Ratio Lower Upper
75 100
77 32.2 25.8 38.6

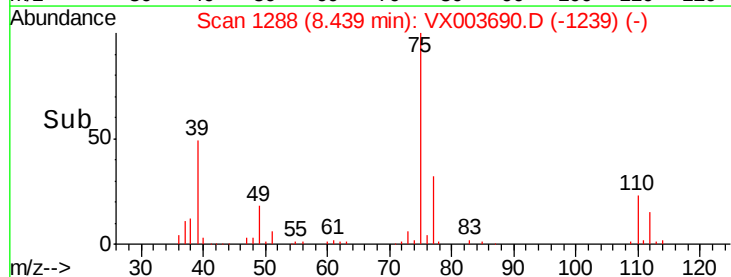
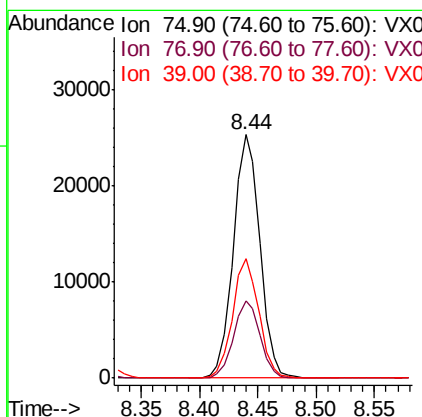
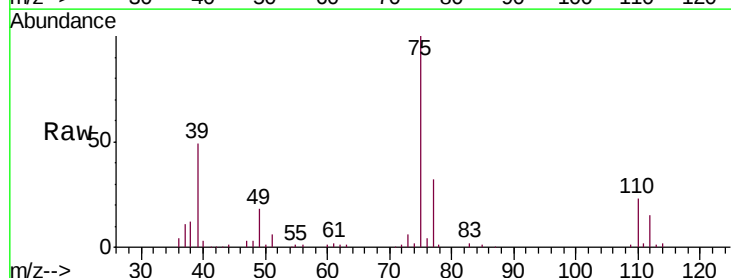
Manual Integrations
APPROVED

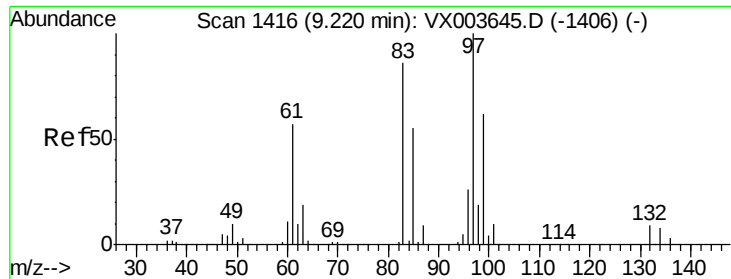
MMDadoda
7/27/2018 5:40:52 PM



#54
cis-1,3-Dichloropropene
Concen: 18.75 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Tgt Ion: 75 Resp: 40102
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8
39 48.9 38.0 57.0





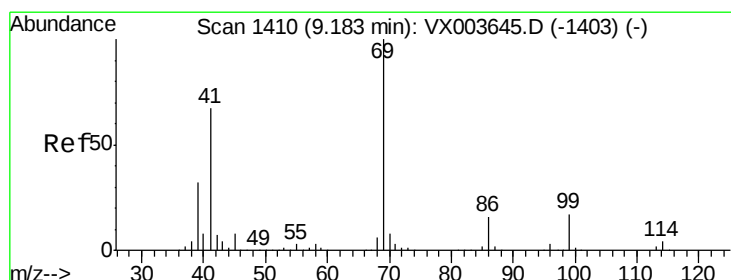
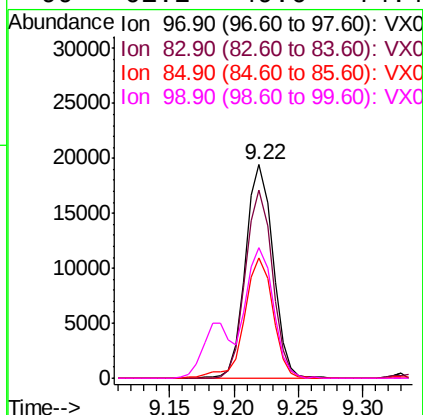
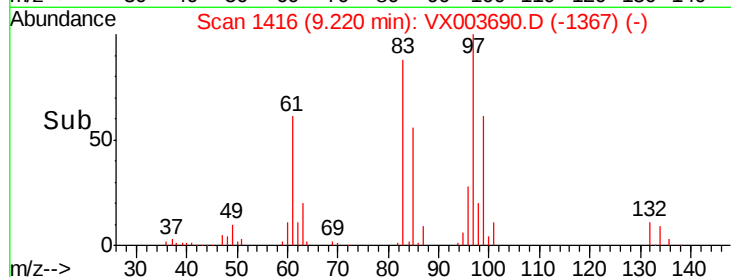
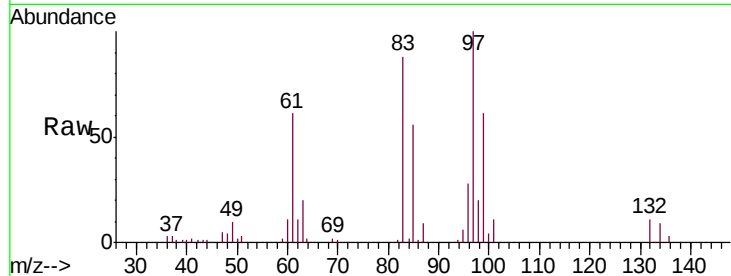
#55
1,1,2-Trichloroethane
Concen: 20.02 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		28685		
83	87.9	68.7	103.1		
85	56.3	43.7	65.5		
99	61.2	49.6	74.4		

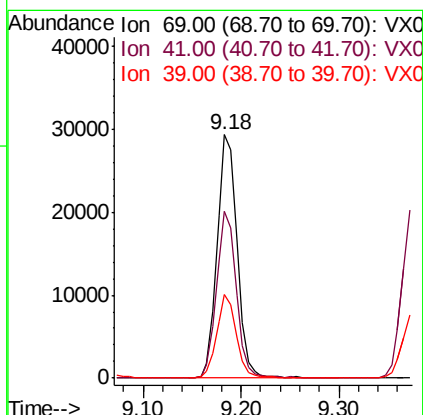
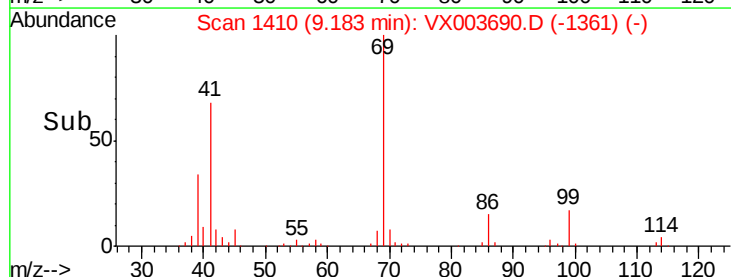
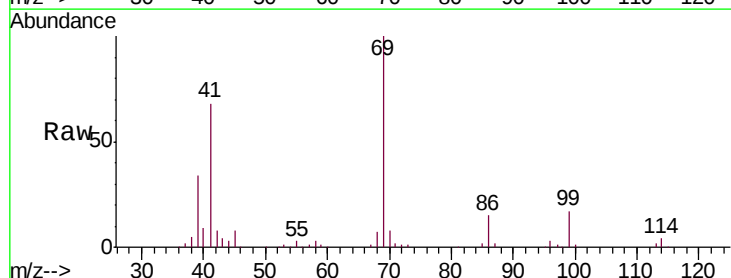
Manual Integrations
APPROVED

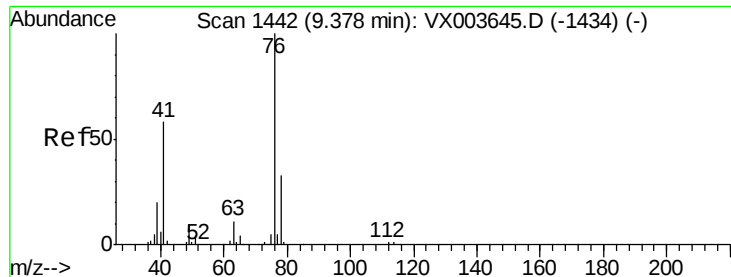
MMDadoda
7/27/2018 5:40:52 PM



#56
Ethyl methacrylate
Concen: 19.62 ug/l
RT: 9.18 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		41835		
41	68.2	53.8	80.6		
39	33.7	25.8	38.8		





#57

1,3-Dichloropropane

Concen: 20.09 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

Tot Ion: 76 Resp: 48333

Ion Ratio Lower Upper

76 100

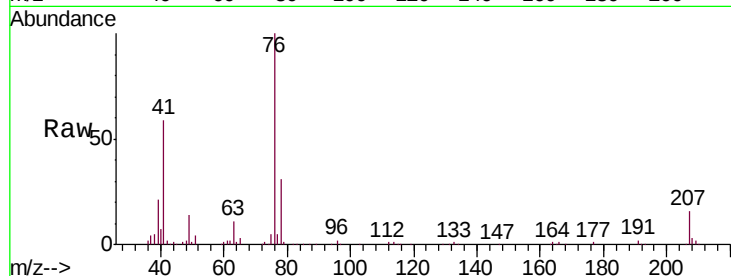
78 32.0 25.6 38.4

Manual Integrations

APPROVED

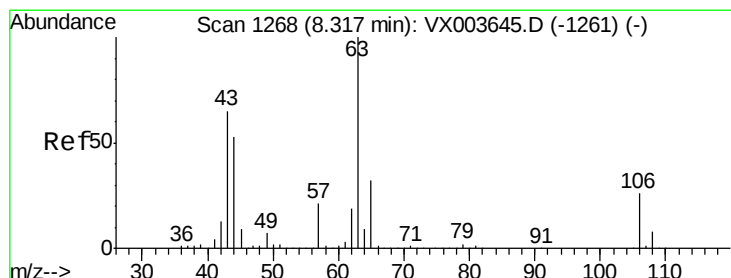
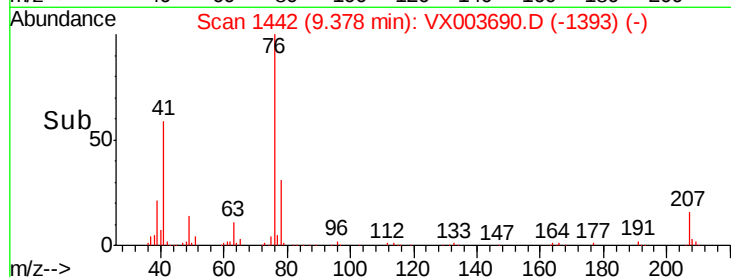
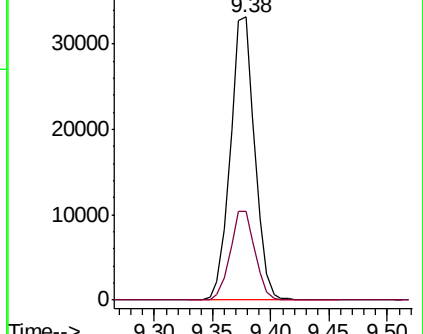
MMDadoda

7/27/2018 5:40:52 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 102.24 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003690.D

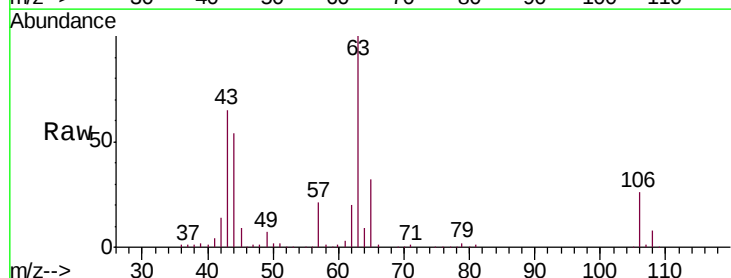
Acq: 27 Jul 2018 01:06

Tgt Ion: 63 Resp: 109547

Ion Ratio Lower Upper

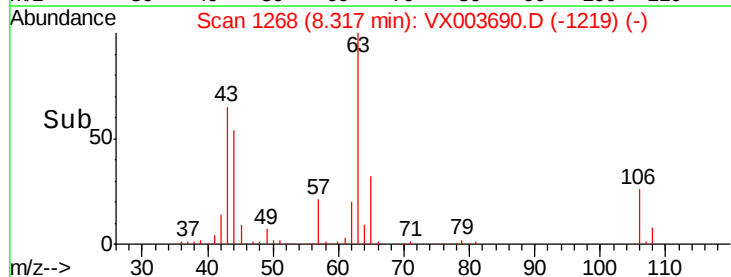
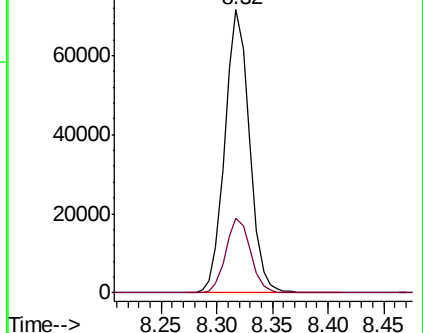
63 100

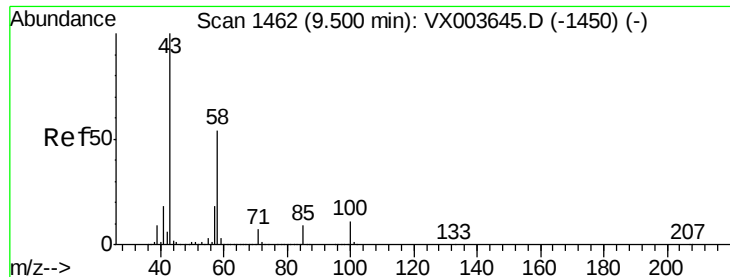
106 26.6 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





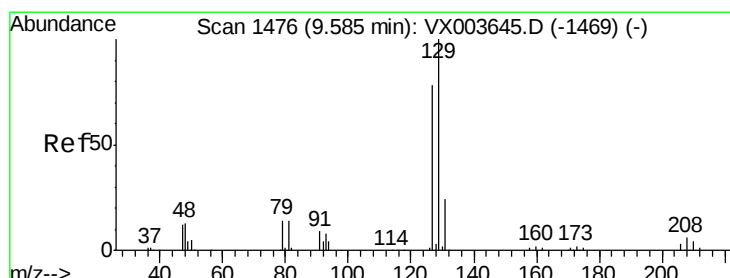
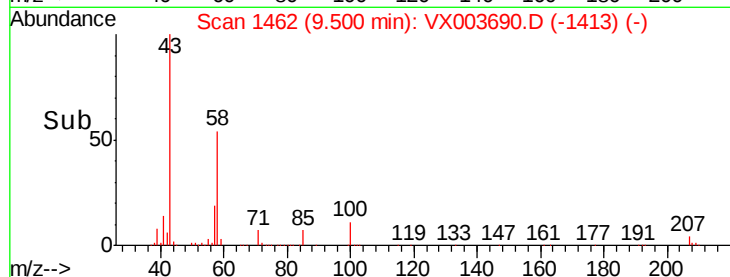
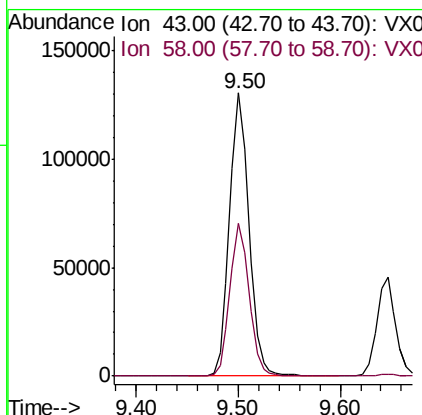
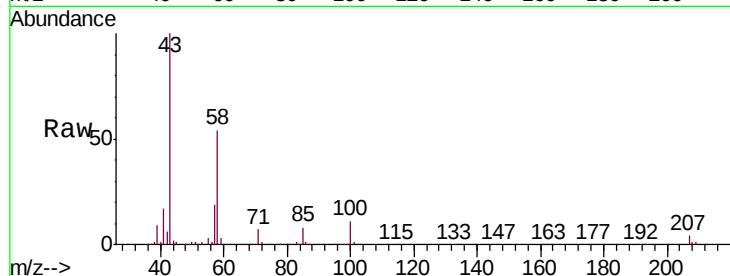
#59
2-Hexanone
Concen: 99.70 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.7	27.3	81.9

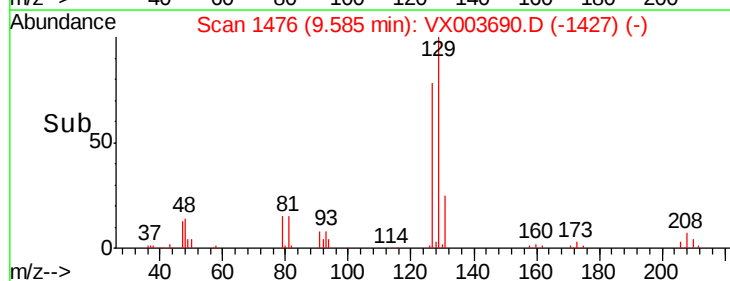
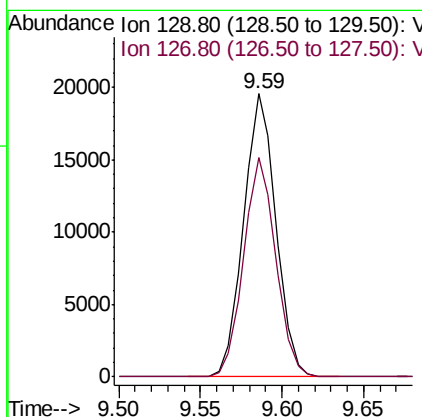
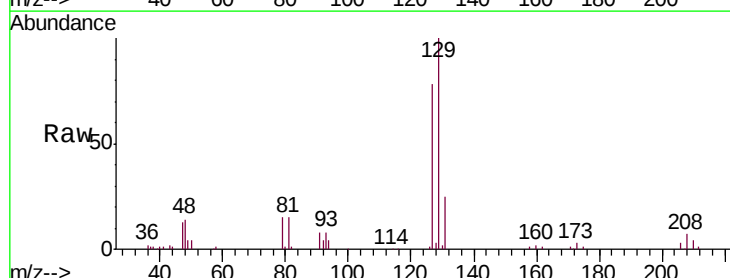
Manual Integrations
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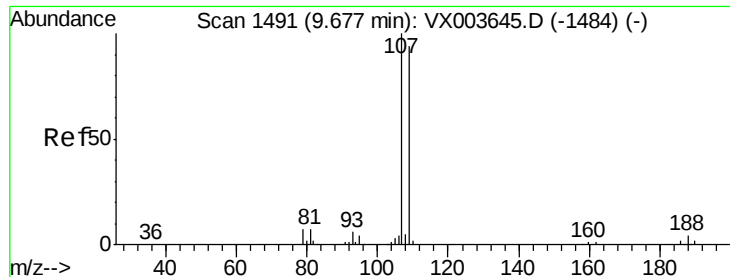
MMDadoda
7/27/2018 5:40:52 PM



#60
Dibromochloromethane
Concen: 19.90 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.7	116.1





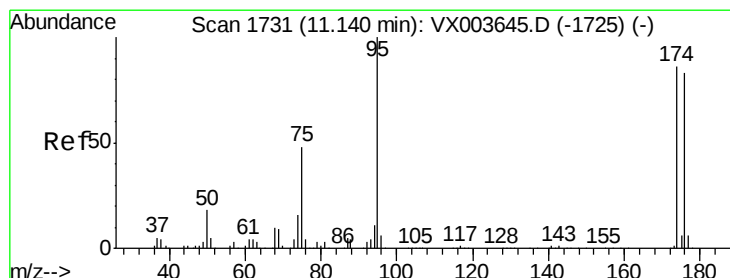
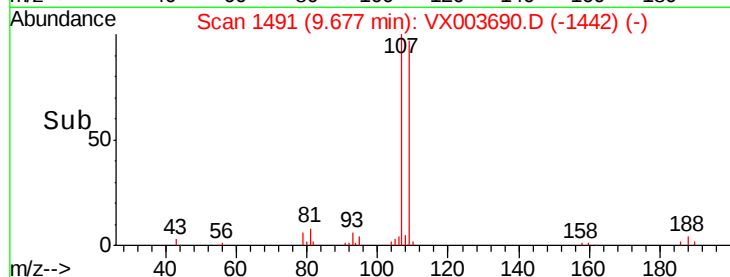
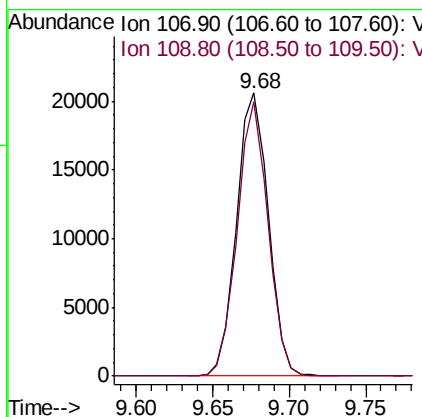
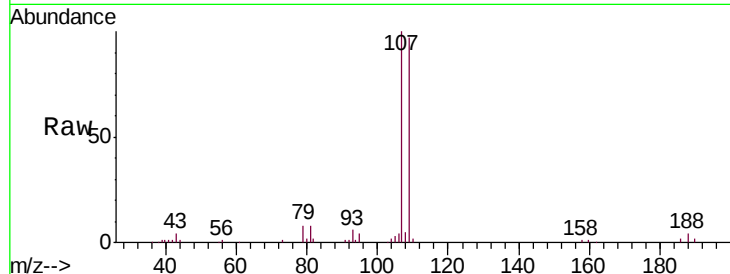
#61
 1,2-Dibromoethane
 Concen: 19.91 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD02

Tot Ion: 107 Resp: 29710
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.4 113.2

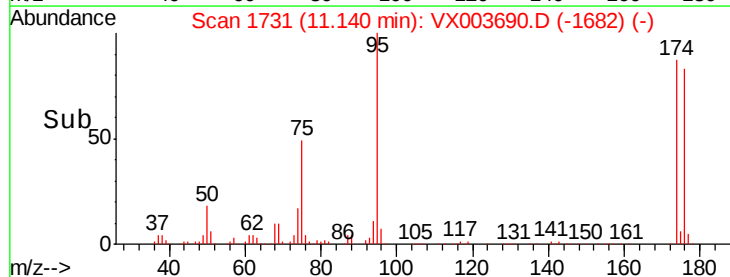
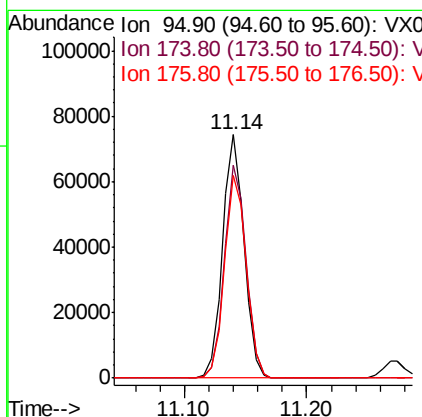
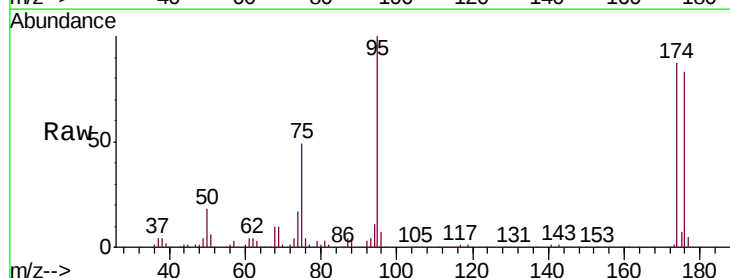
Manual Integrations
 APPROVED

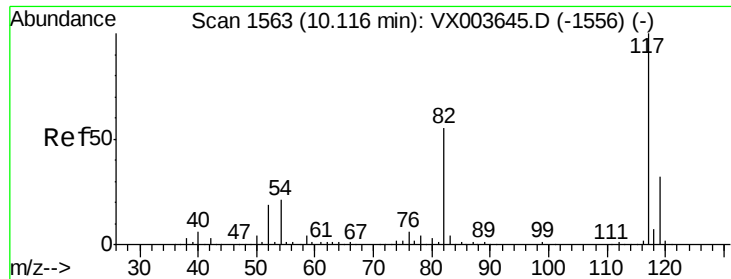
MMDadoda
 7/27/2018 5:40:52 PM



#62
 4-Bromofluorobenzene
 Concen: 48.56 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

Tgt Ion: 95 Resp: 90091
 Ion Ratio Lower Upper
 95 100
 174 88.0 0.0 179.0
 176 84.5 0.0 173.0





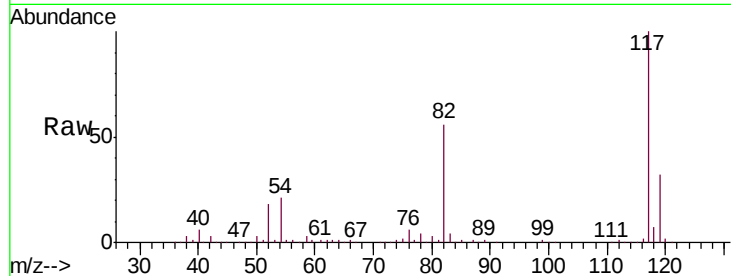
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	44.3	66.5
119	31.9	25.6	38.4

Manual Integrations
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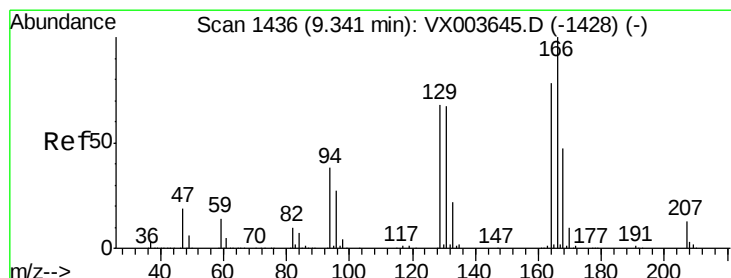
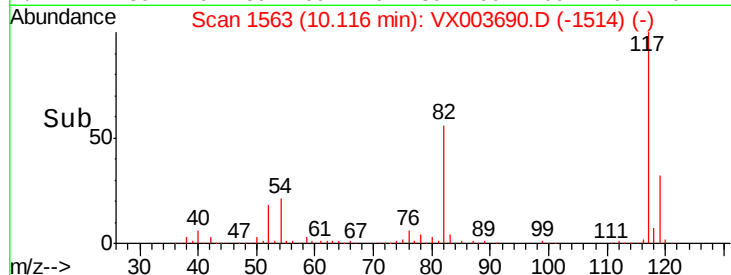
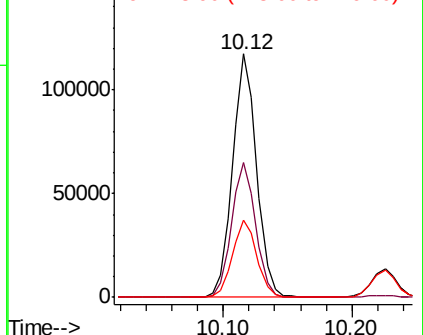


Abundance

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: 19.73 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.9	102.4	153.6
129	86.4	69.6	104.4
131	83.6	69.0	103.4

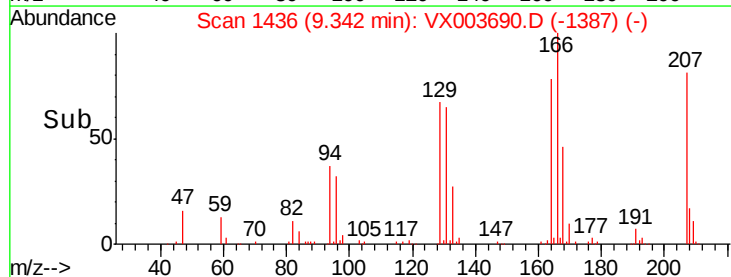
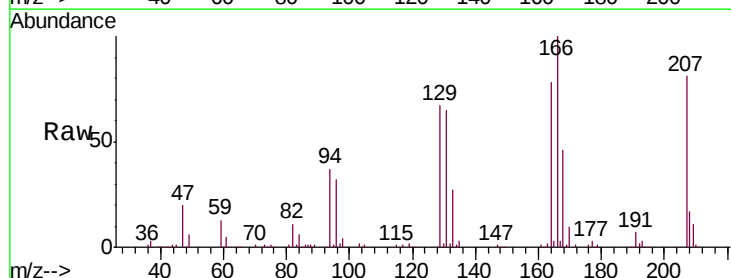
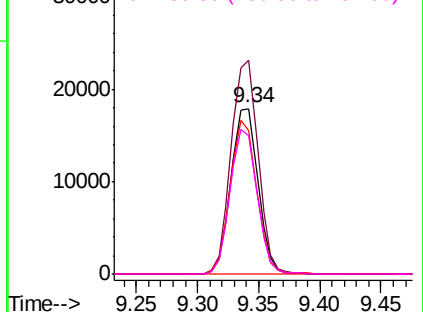
Abundance

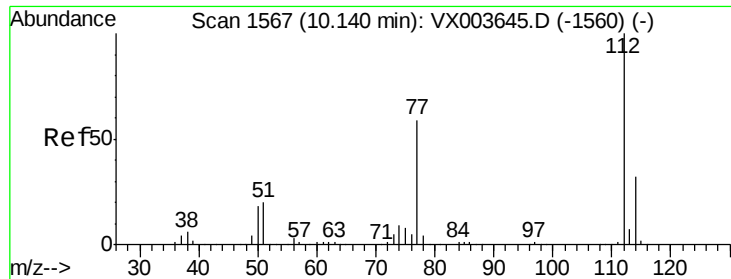
Ion 163.80 (163.50 to 164.50): V

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: 19.88 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

Tot Ion:112 Resp: 76331

Ion Ratio Lower Upper

112 100

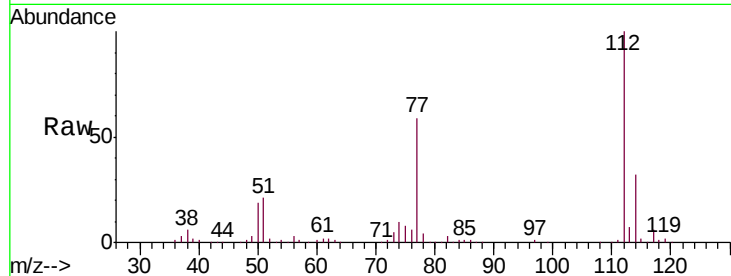
114 31.5 25.8 38.8

Manual Integrations

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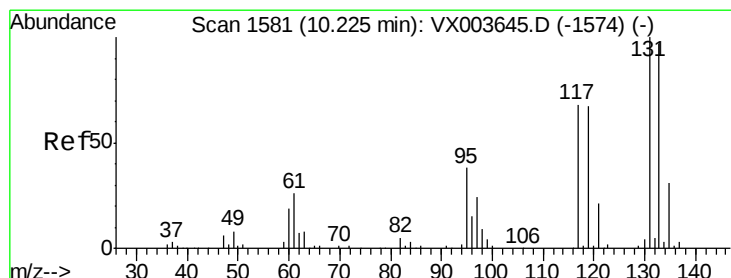
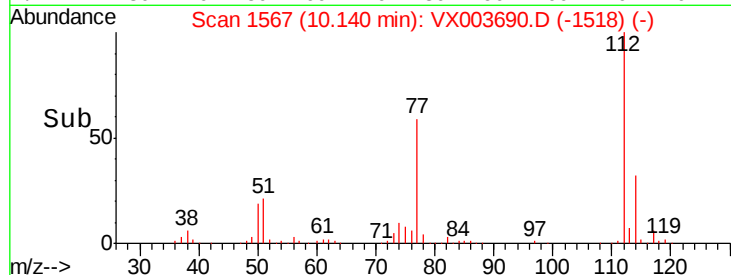
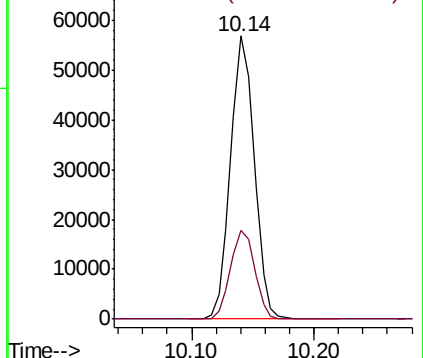
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.12 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

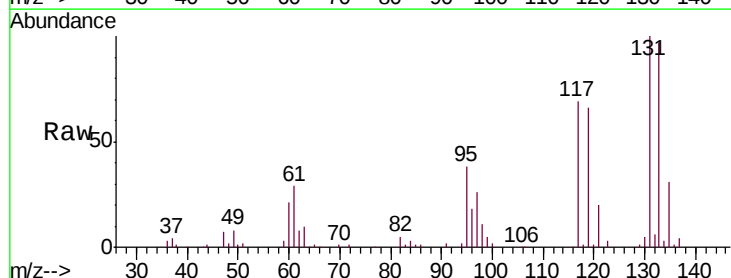
Tgt Ion:131 Resp: 26859

Ion Ratio Lower Upper

131 100

133 95.4 47.6 142.8

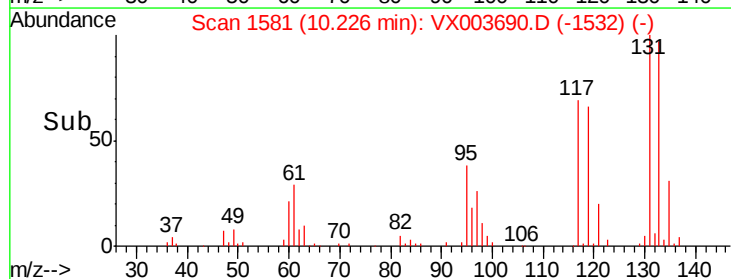
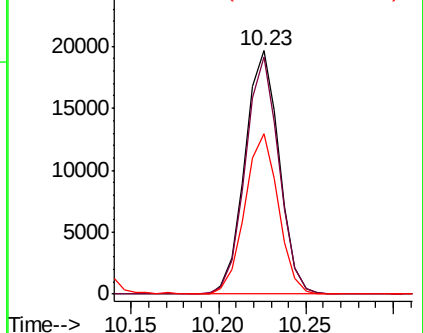
119 64.6 32.8 98.4

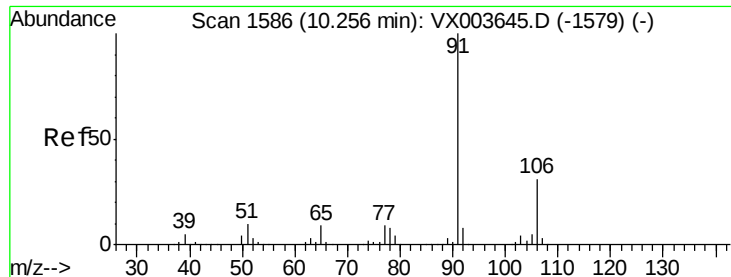


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.89 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampled :

VX0726WBSD02

Tot Ion: 91 Resp: 127838

Ion Ratio Lower Upper

91 100

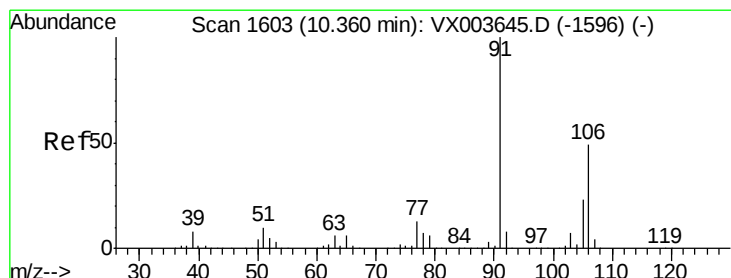
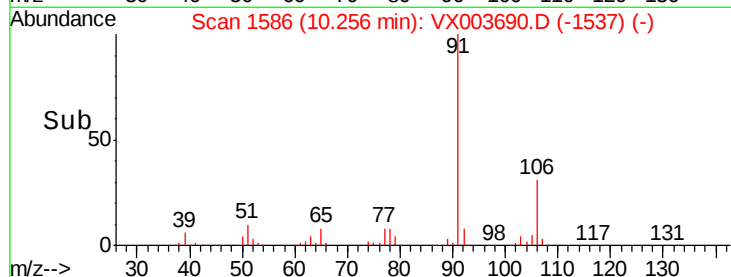
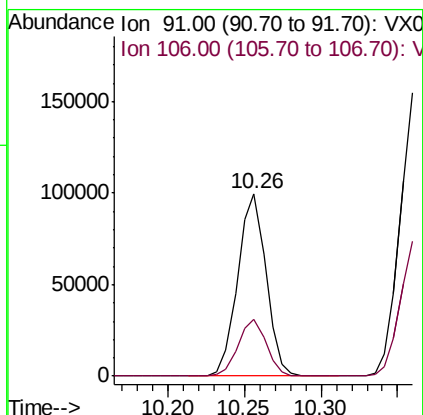
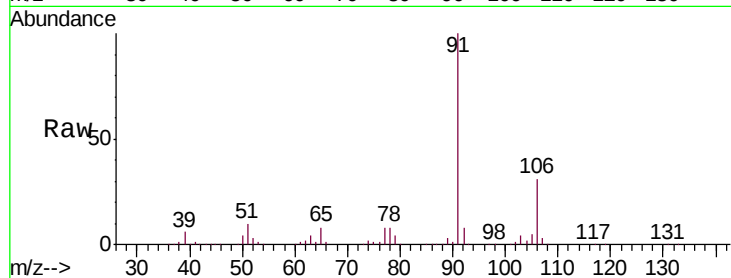
106 30.8 25.0 37.6

Manual Integrations

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#68

m/p-Xylenes

Concen: 40.43 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003690.D

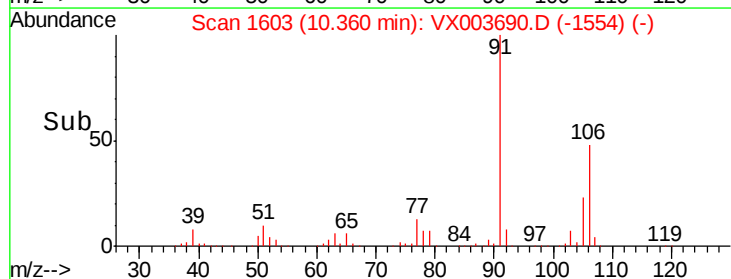
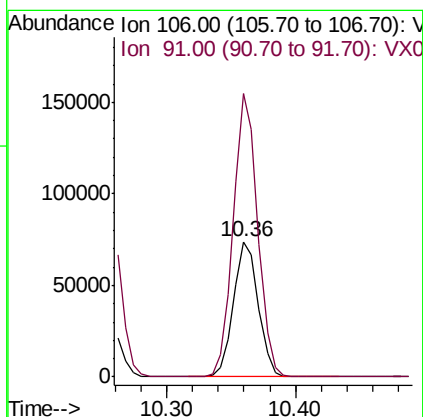
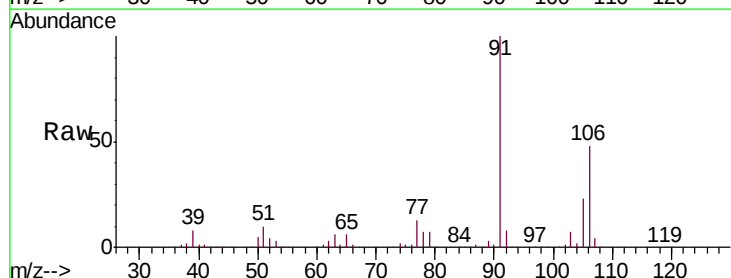
Acq: 27 Jul 2018 01:06

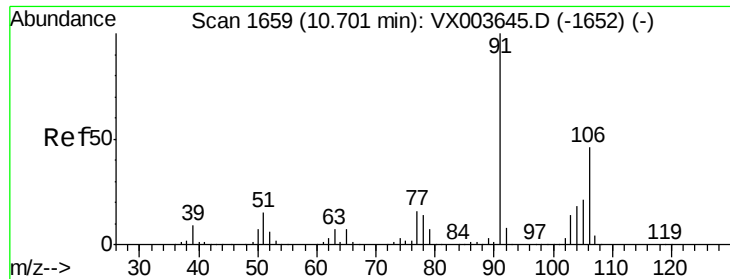
Tgt Ion:106 Resp: 99697

Ion Ratio Lower Upper

106 100

91 205.6 162.2 243.2





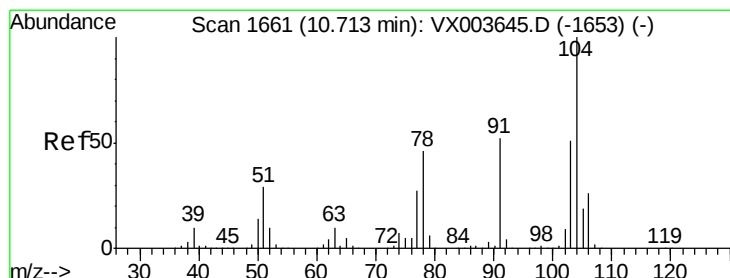
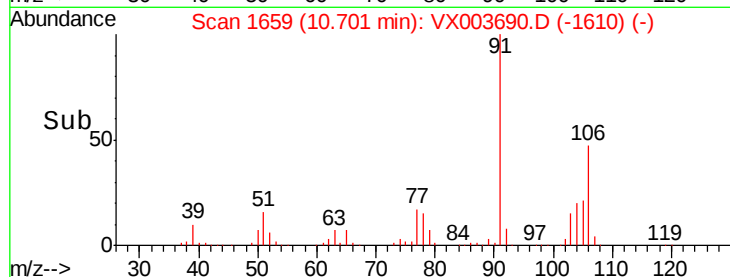
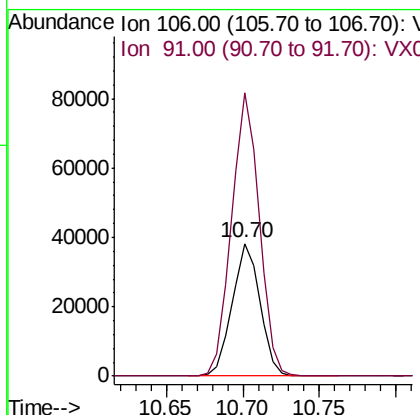
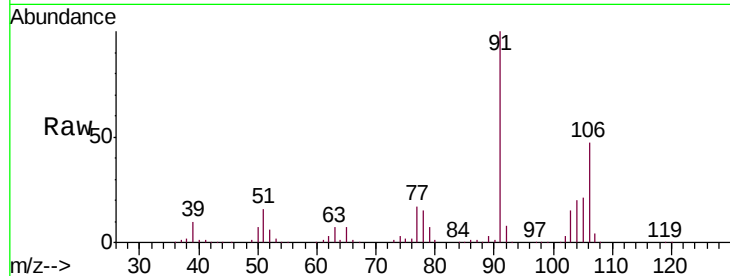
#69
o-Xylene
Concen: 20.26 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

Tot Ion:106 Resp: 48089
Ion Ratio Lower Upper
106 100
91 214.1 107.1 321.1

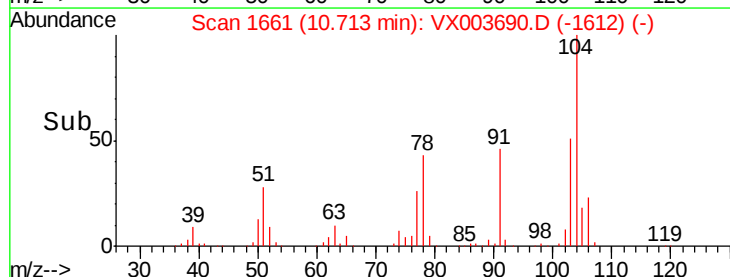
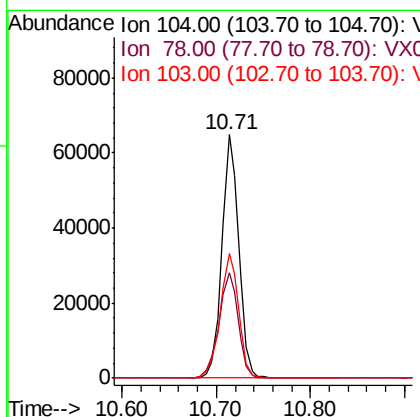
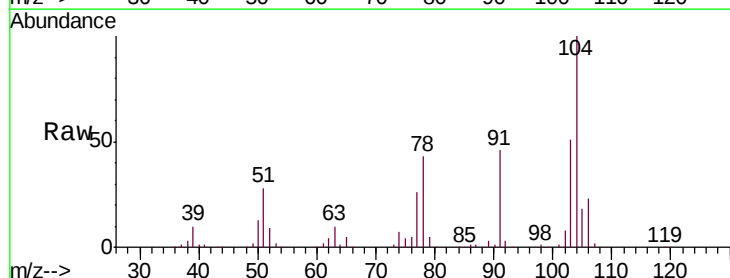
Manual Integrations
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7/27/2018 5:40:52 PM



#70
Styrene
Concen: 20.21 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Tgt Ion:104 Resp: 80572
Ion Ratio Lower Upper
104 100
78 49.5 39.2 58.8
103 56.1 44.2 66.4





#71

Bromoform

Concen: 19.27 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

Tot Ion:173 Resp: 20337

Ion Ratio Lower Upper

173 100

175 48.5 24.1 72.2

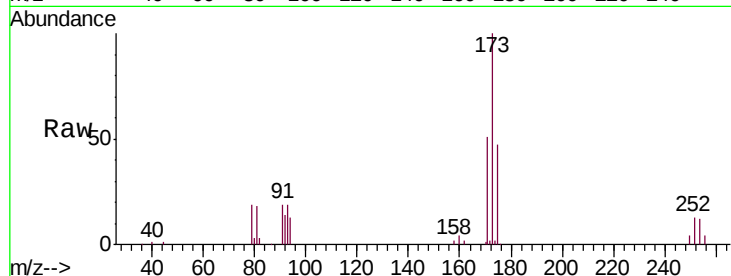
254 0.0 0.0 0.0

Manual Integrations

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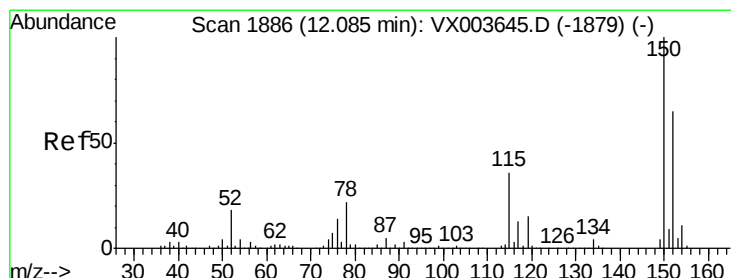
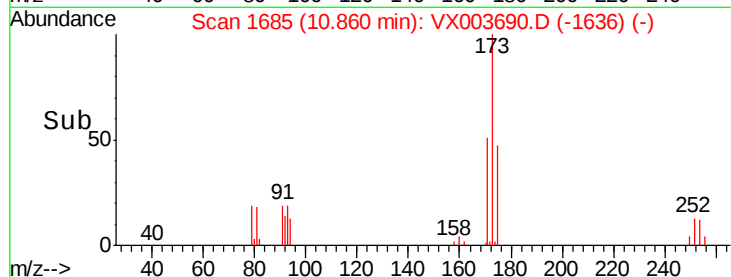
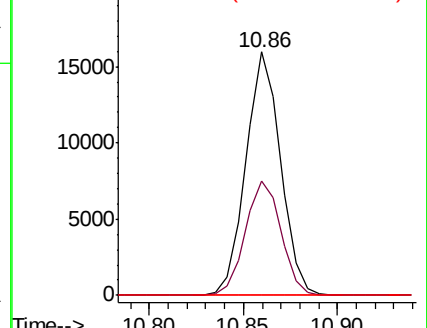
7/27/2018 5:40:52 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

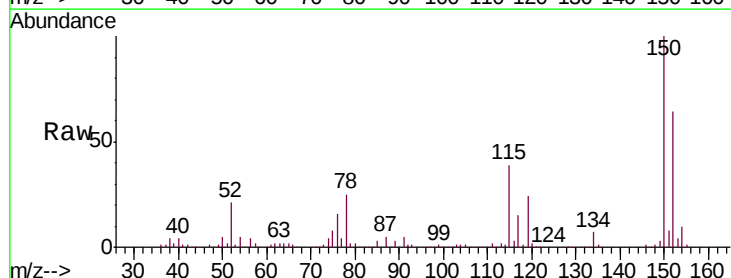
Tgt Ion:152 Resp: 90272

Ion Ratio Lower Upper

152 100

115 66.2 40.0 119.9

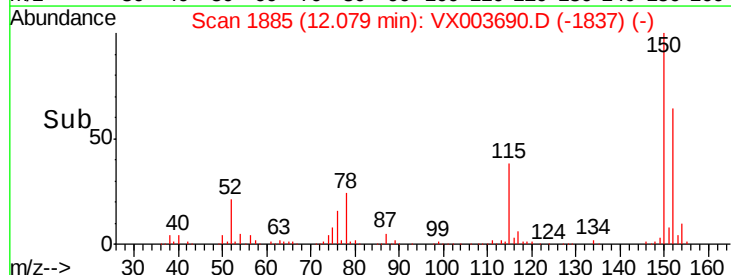
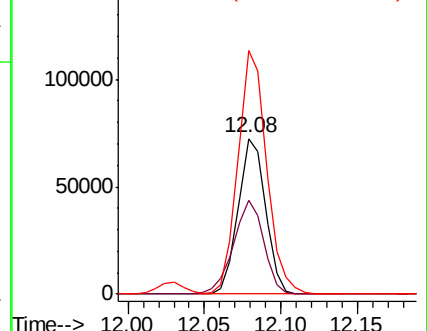
150 163.8 0.0 348.4

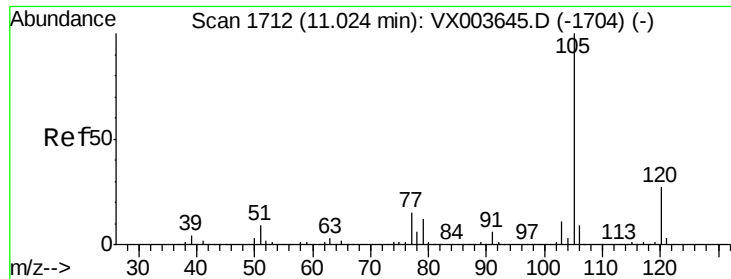


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.93 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

Tot Ion:105 Resp: 129107

Ion Ratio Lower Upper

105 100

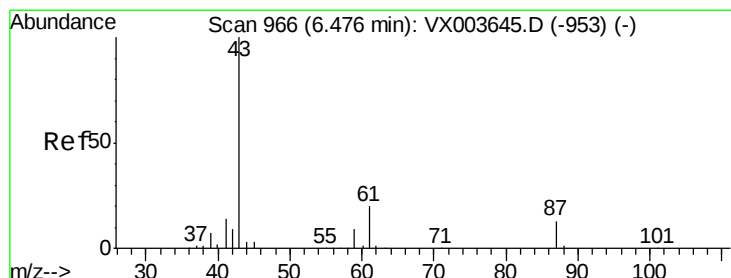
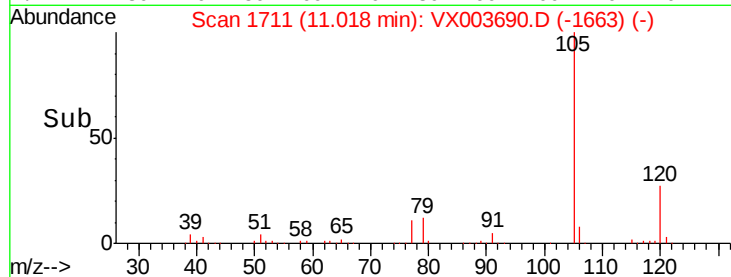
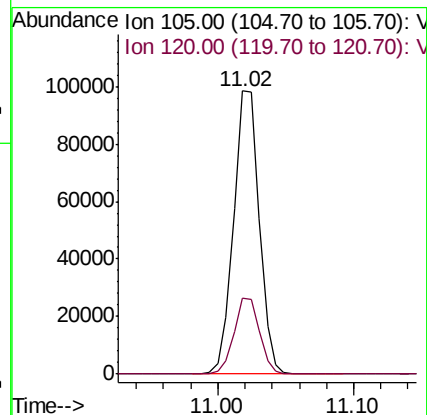
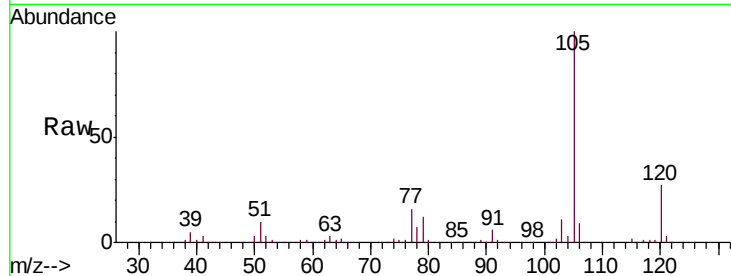
120 26.7 13.5 40.5

Manual Integrations

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#74

N-ethyl acetate

Concen: 20.32 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Tgt Ion: 43 Resp: 65377

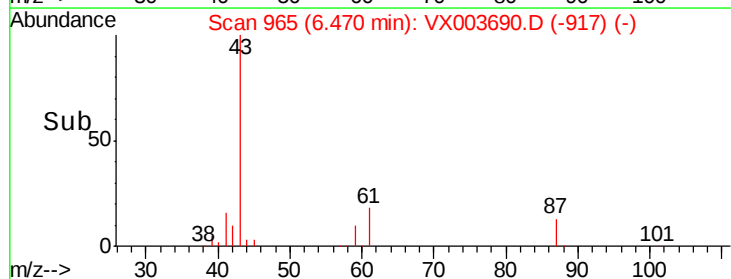
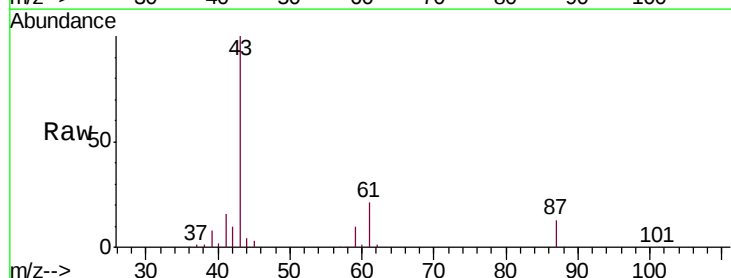
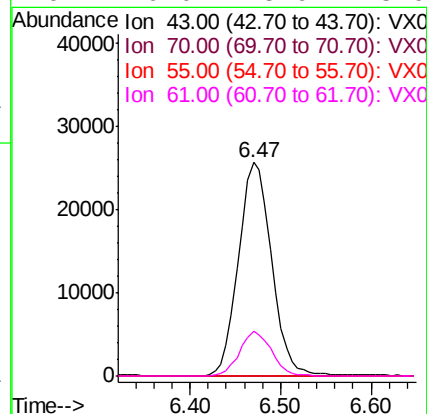
Ion Ratio Lower Upper

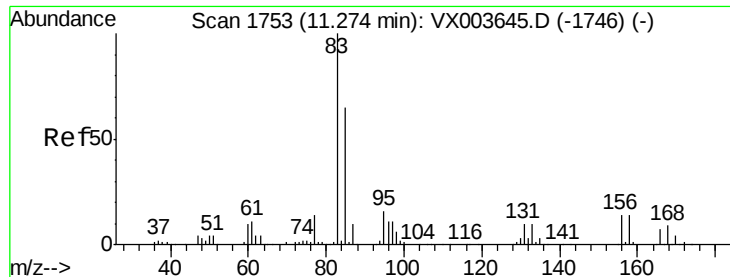
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 20.0 15.9 23.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.01 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

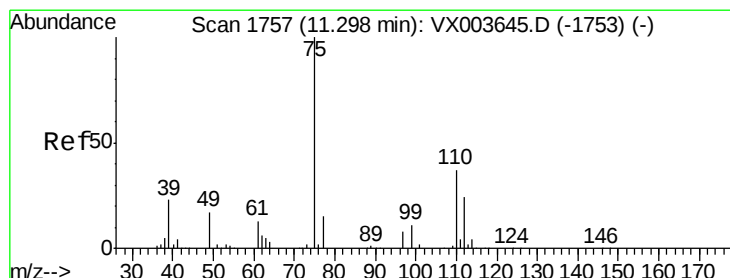
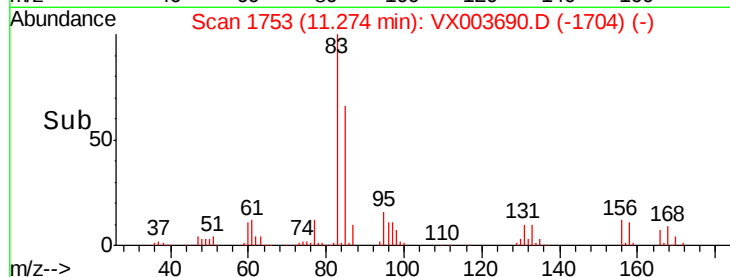
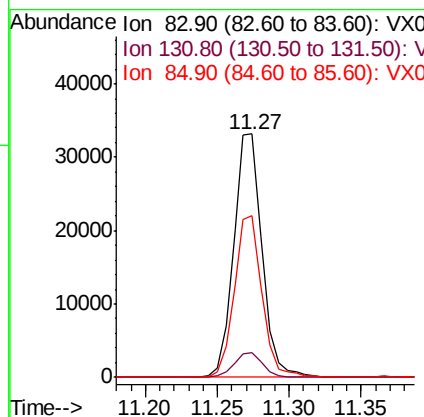
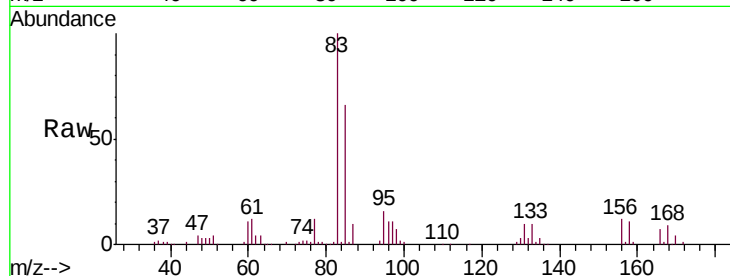
ClientSampleId :

VX0726WBSD02

Tot Ion	83	Resp	45586
Ion Ratio	100	Lower	Upper
83	100		
131	10.2	5.1	15.4
85	64.9	31.9	95.9

Manual Integrations
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7/27/2018 5:40:52 PM



#76

1,2,3-Trichloropropane

Concen: 20.68 ug/l m

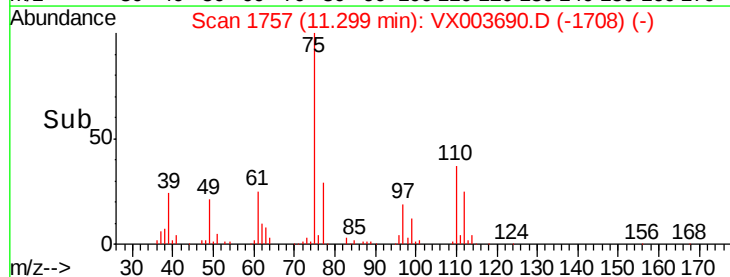
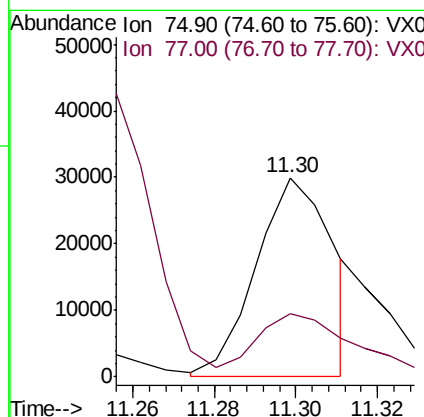
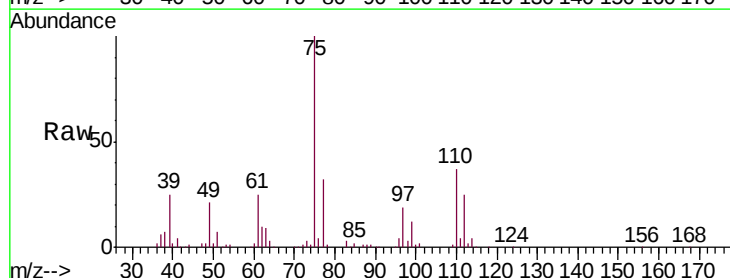
RT: 11.30 min Scan# 1757

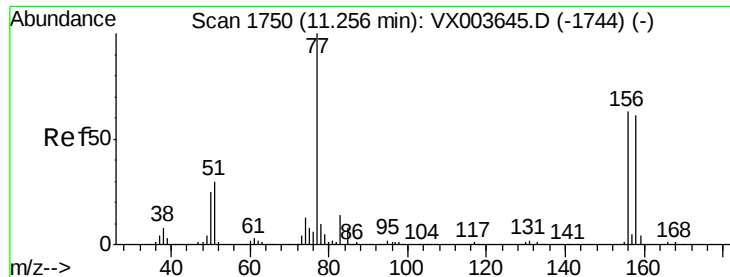
Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Tgt Ion	75	Resp	39157
Ion Ratio	100	Lower	Upper
75	100		
77	41.1	21.6	64.6





#77

Bromobenzene

Concen: 20.61 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

Tot Ion:156 Resp: 34528

Ion Ratio Lower Upper

156 100

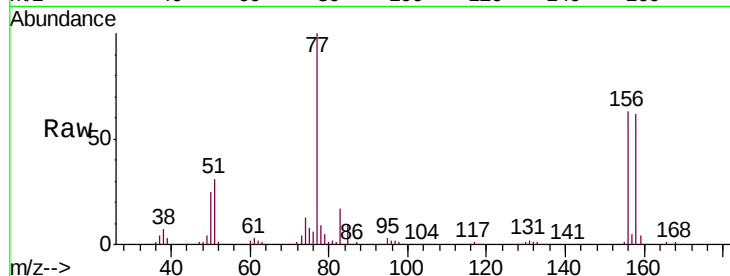
77 150.8 74.9 224.6

158 96.6 48.4 145.2

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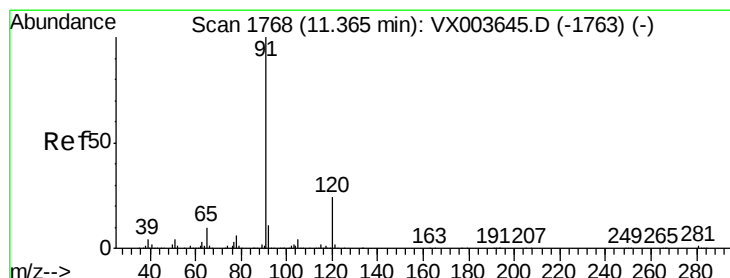
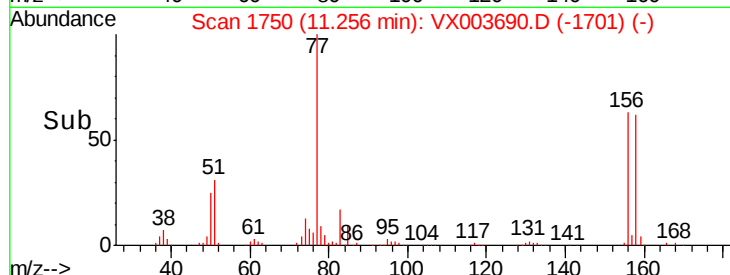
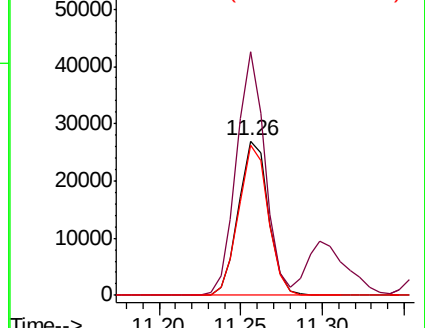
7/27/2018 5:40:52 PM



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: 21.14 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003690.D

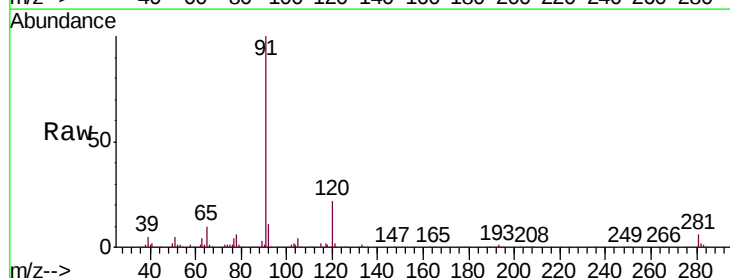
Acq: 27 Jul 2018 01:06

Tgt Ion: 91 Resp: 150530

Ion Ratio Lower Upper

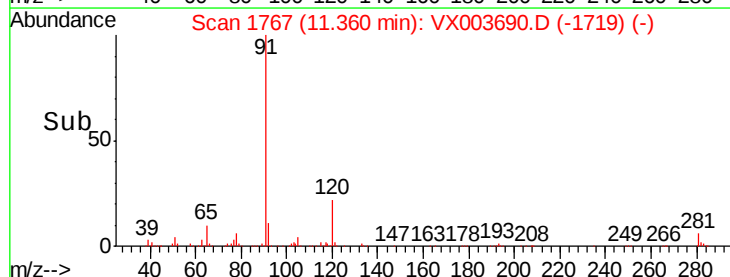
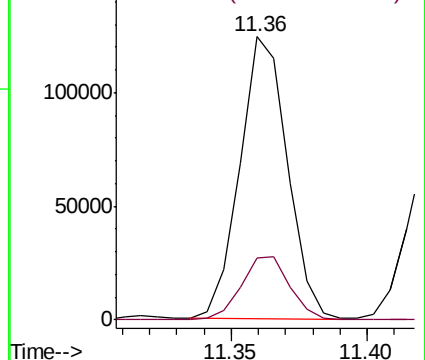
91 100

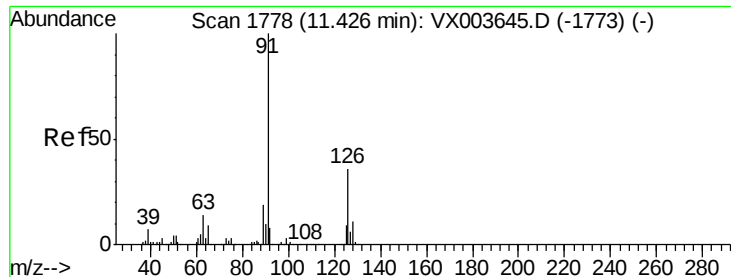
120 23.1 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.91 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

Tot Ion: 91 Resp: 90531

Ion Ratio Lower Upper

91 100

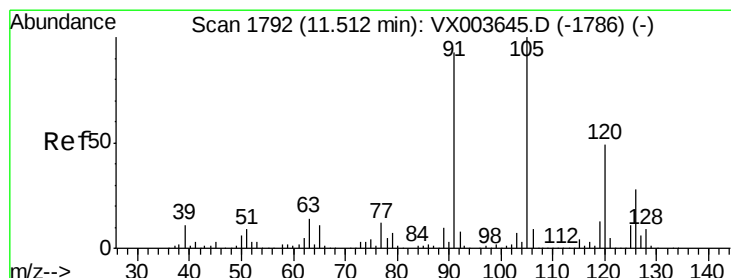
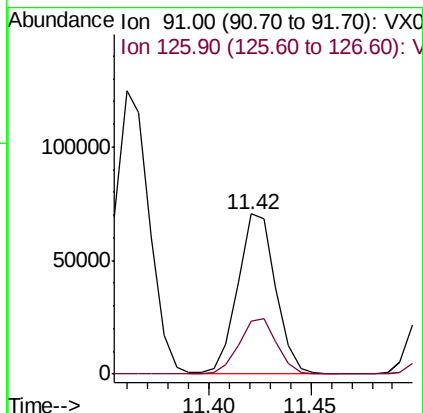
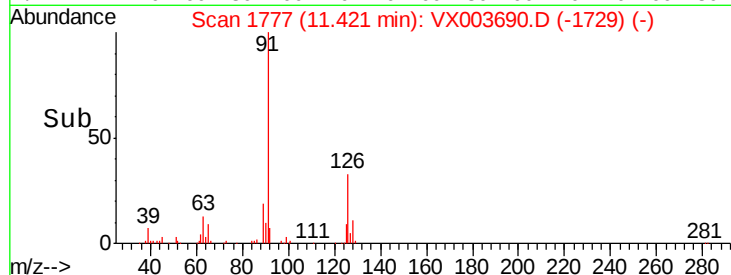
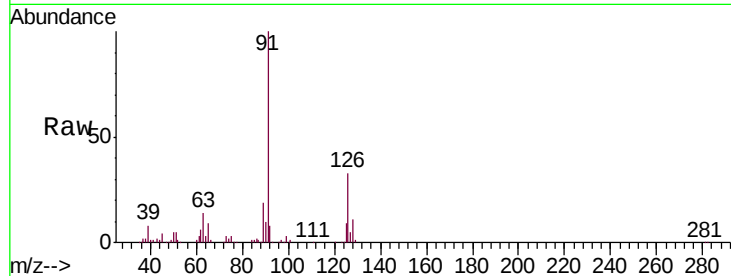
126 34.6 17.3 52.0

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#80

1,3,5-Trimethylbenzene

Concen: 21.06 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003690.D

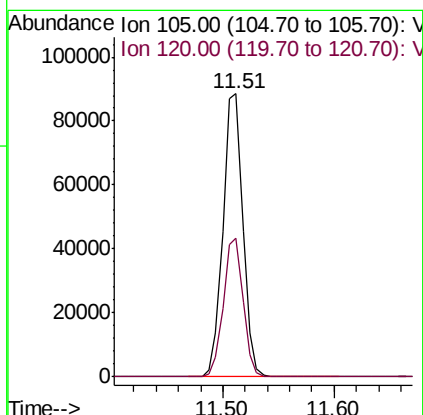
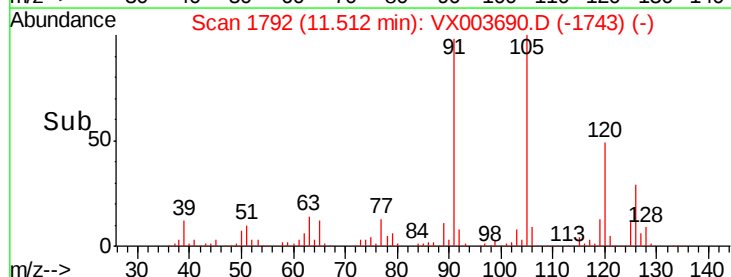
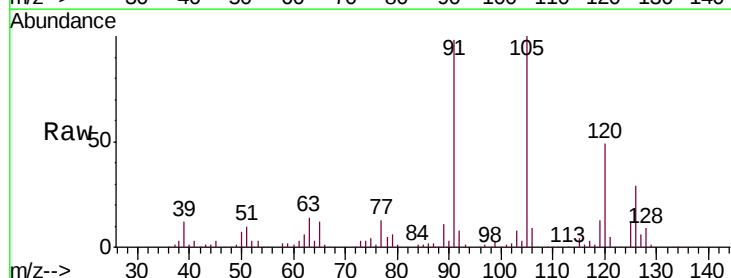
Acq: 27 Jul 2018 01:06

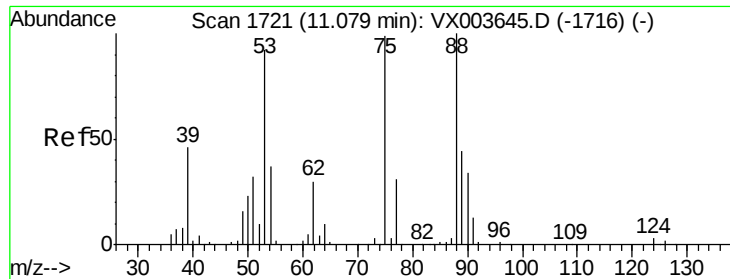
Tgt Ion: 105 Resp: 109913

Ion Ratio Lower Upper

105 100

120 48.6 24.4 73.4





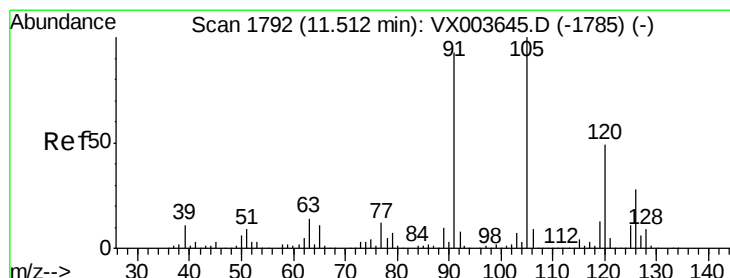
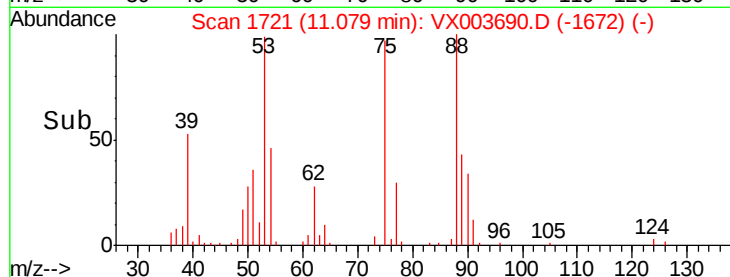
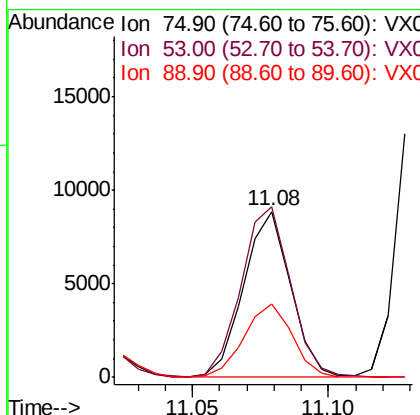
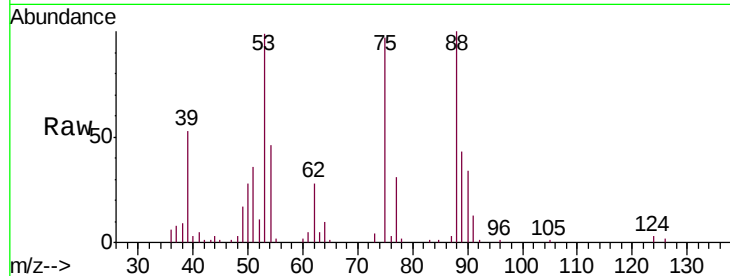
#81
trans-1,4-Dichloro-2-butene
Concen: 17.42 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.2	77.8	116.8
89	45.7	36.6	54.8

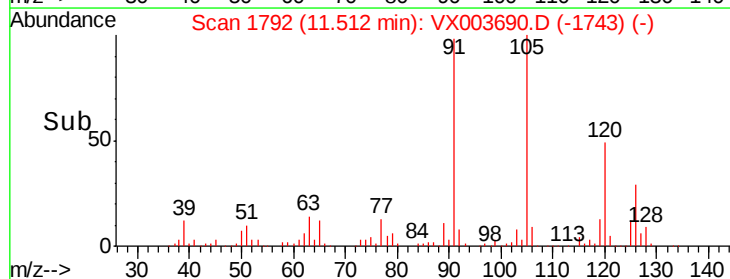
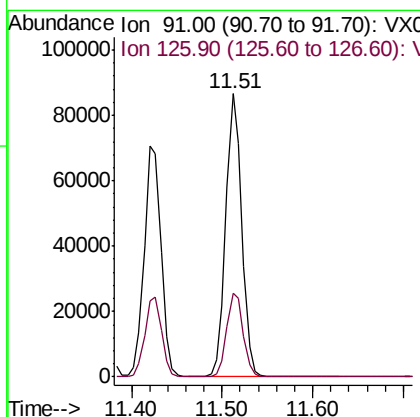
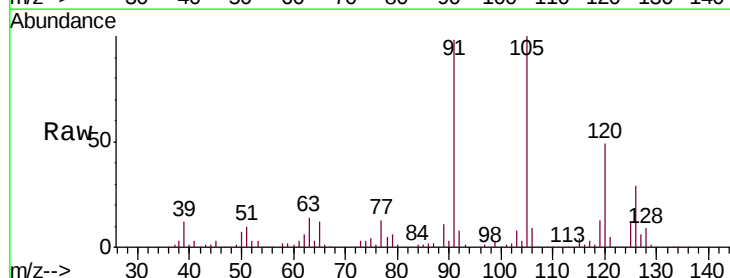
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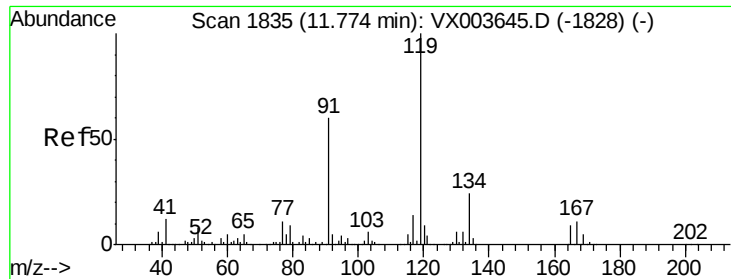
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#82
4-Chlorotoluene
Concen: 20.92 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.2	15.4	46.1





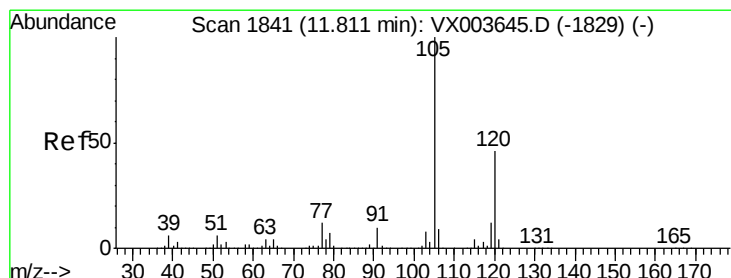
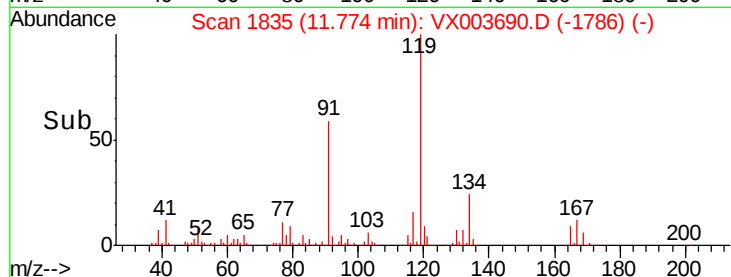
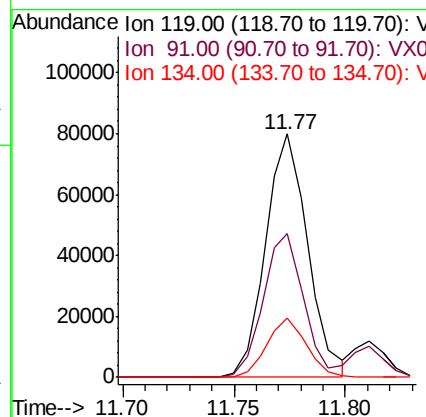
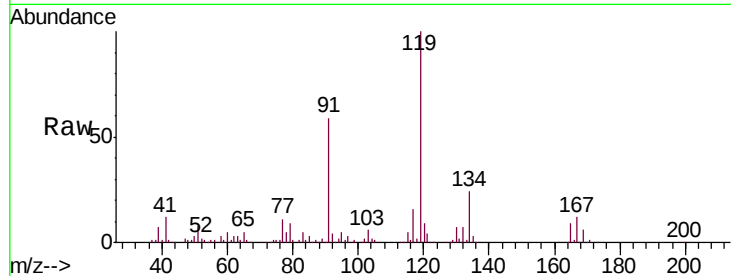
#83
 tert-Butylbenzene
 Concen: 20.61 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	105217		
91	56.2		28.4	85.2
134	23.0		11.6	34.8

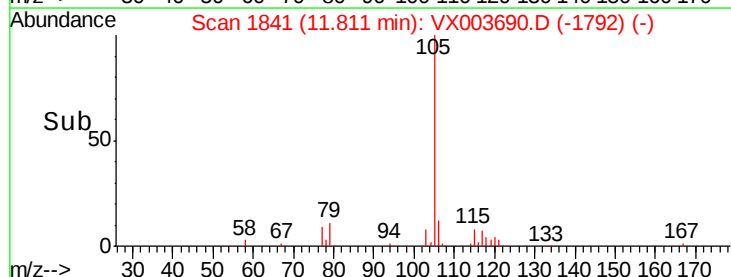
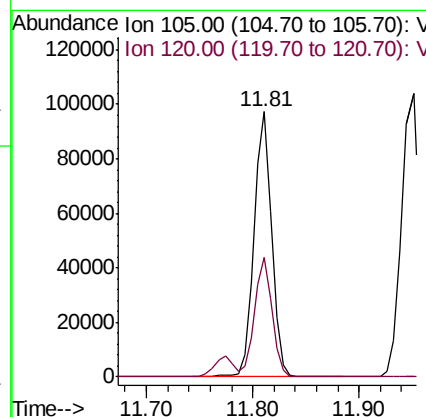
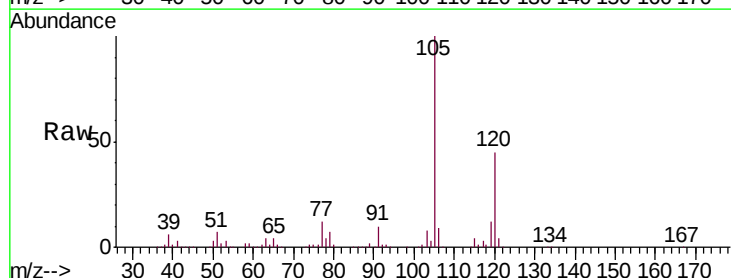
Manual Integrations
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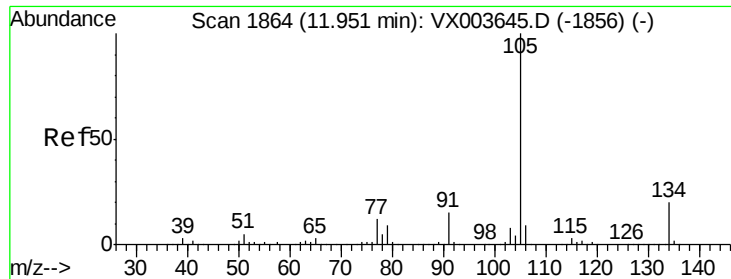
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.17 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	113511		
120	44.6		22.6	67.8





#85

sec-Butylbenzene

Concen: 20.70 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBSD02

Tot Ion:105 Resp: 126123

Ion Ratio Lower Upper

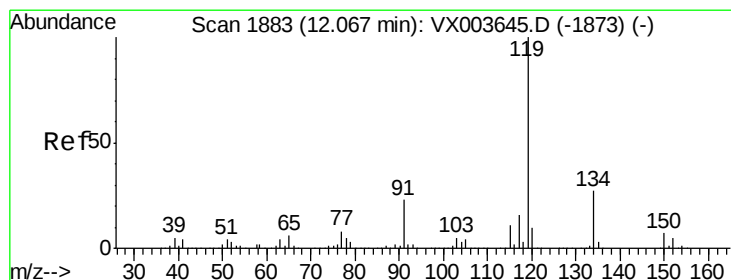
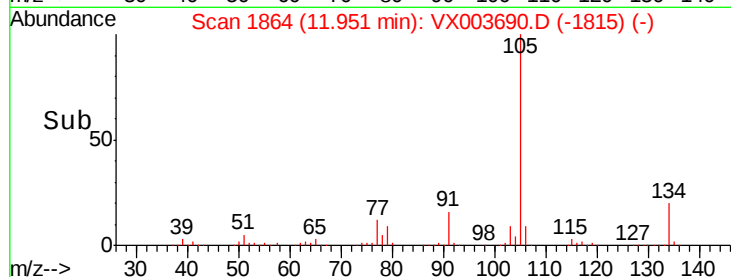
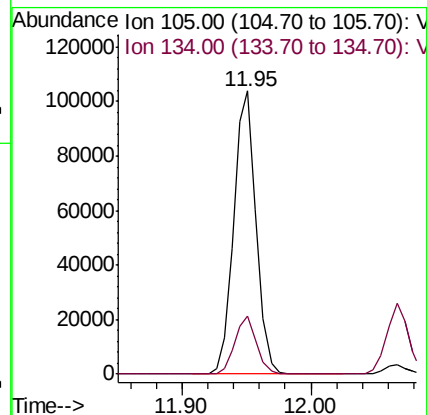
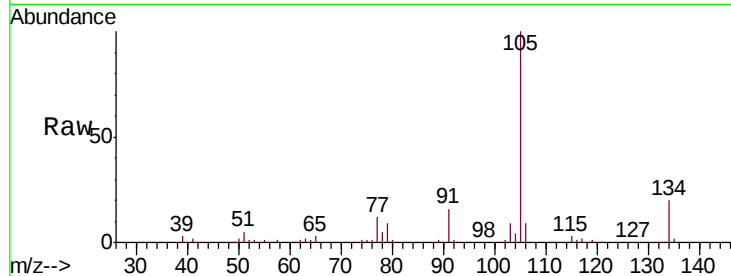
105 100

134 19.8 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 20.49 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

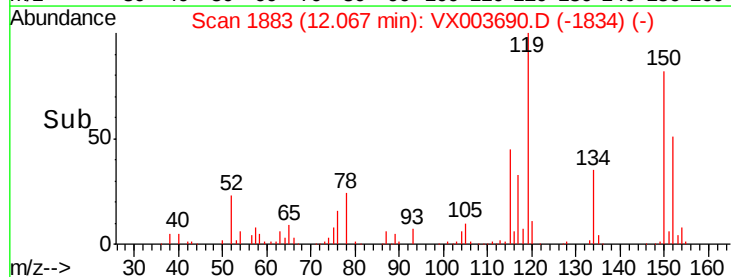
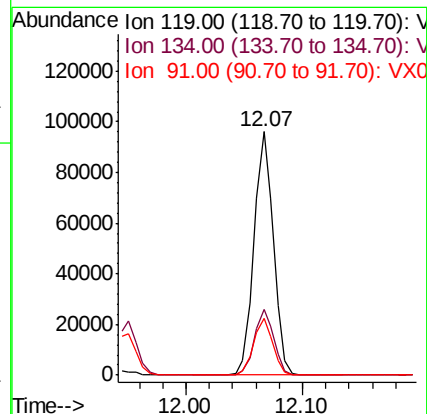
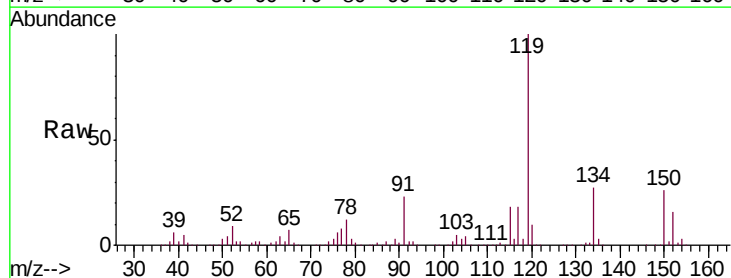
Tgt Ion:119 Resp: 112103

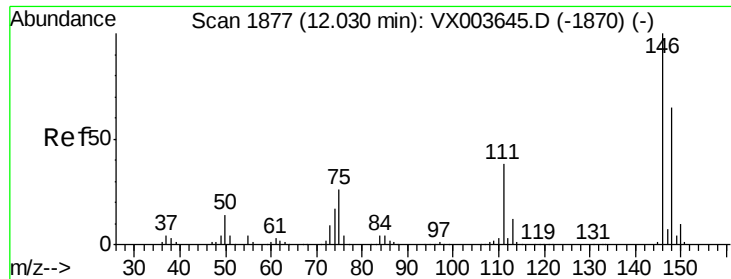
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.9

91 23.3 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 20.24 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

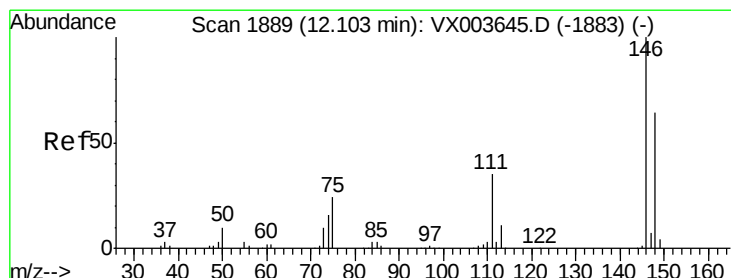
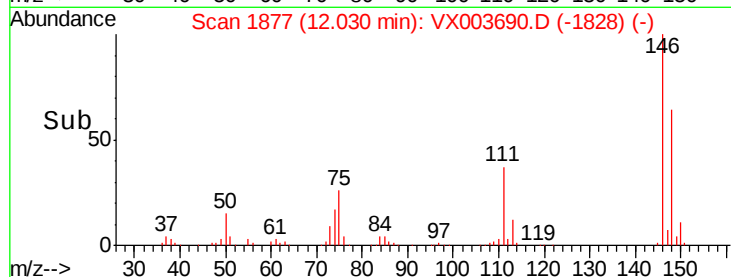
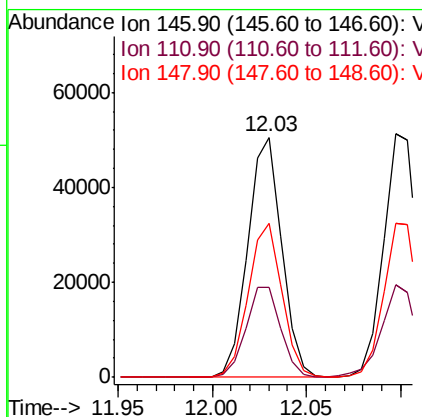
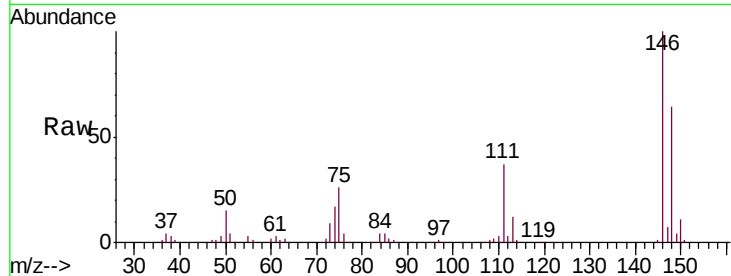
ClientSampleId :

VX0726WBSD02

Tot Ion:	146	Resp:	63149
Ion Ratio	Lower	Upper	
146	100		
111	38.5	19.4	58.2
148	63.6	32.4	97.0

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#88

1,4-Dichlorobenzene

Concen: 19.93 ug/l

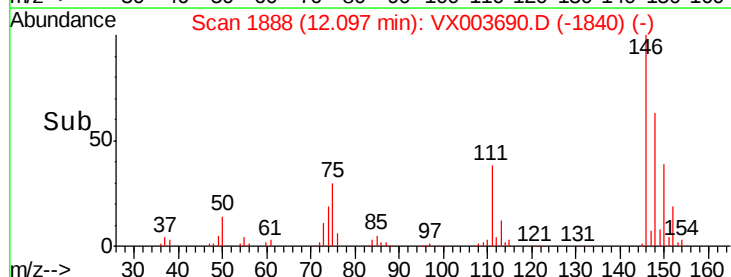
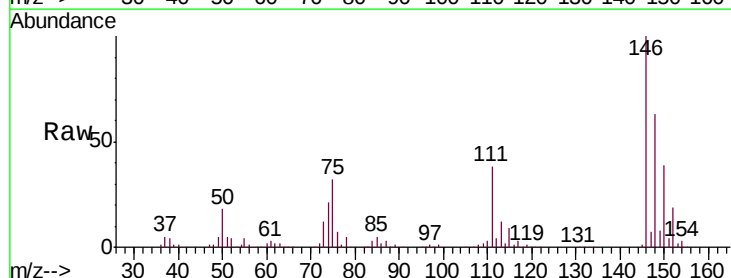
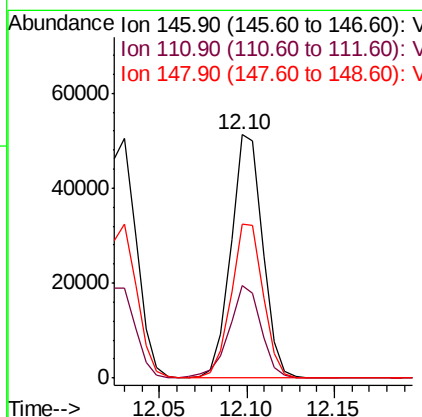
RT: 12.10 min Scan# 1888

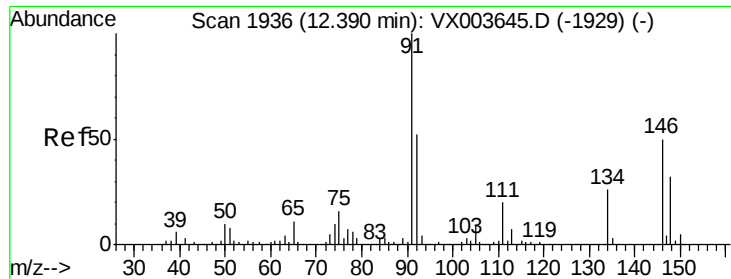
Delta R.T. -0.01 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Tgt Ion:	146	Resp:	64656
Ion Ratio	Lower	Upper	
146	100		
111	38.8	18.6	55.6
148	64.2	32.0	96.2





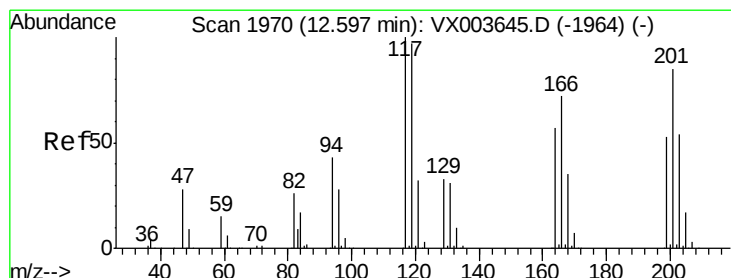
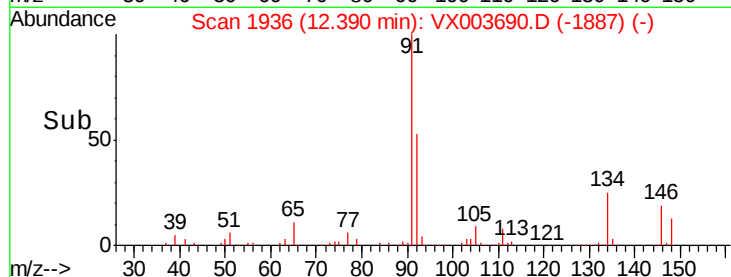
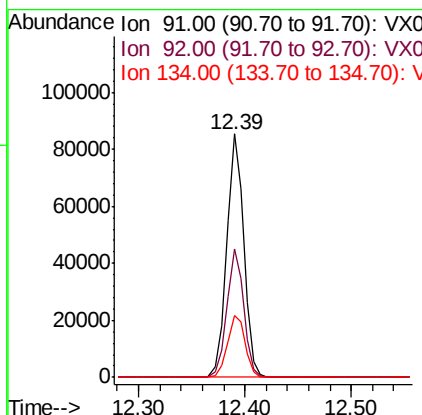
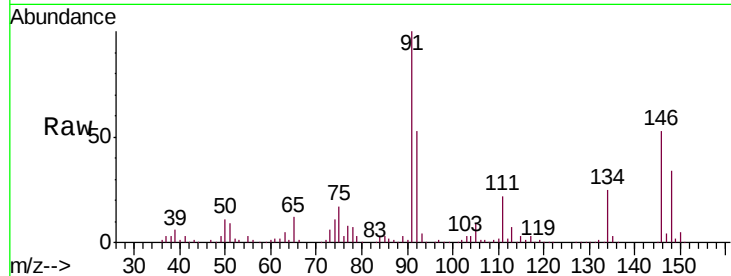
#89
n-Butylbenzene
Concen: 19.48 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.3	78.9
134	26.1	13.3	39.8

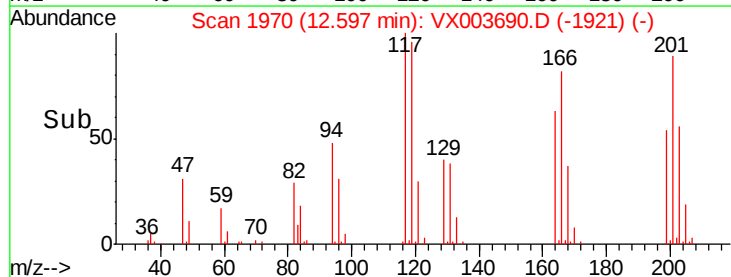
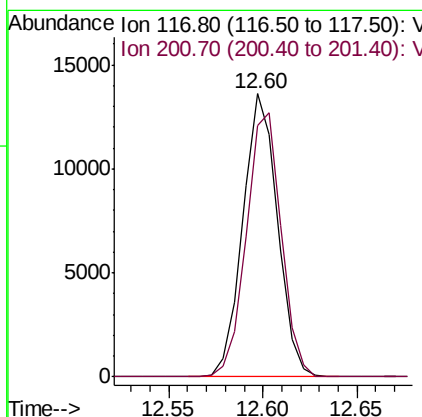
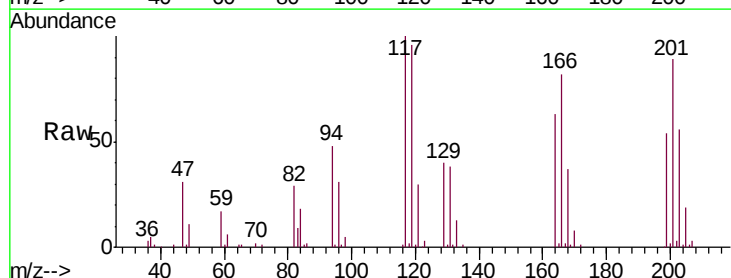
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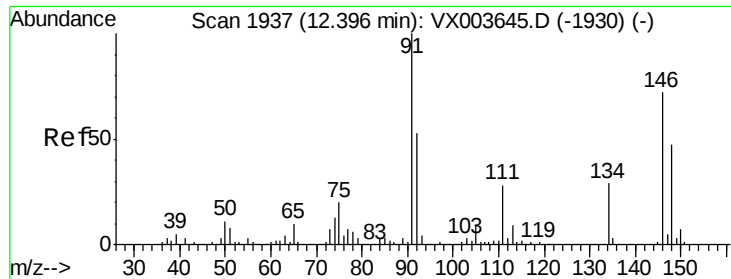
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#90
Hexachloroethane
Concen: 20.89 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.9	46.2	138.5





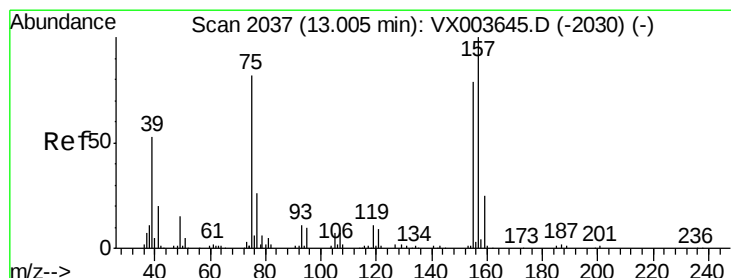
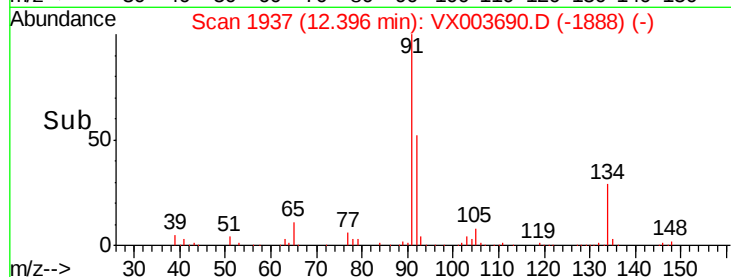
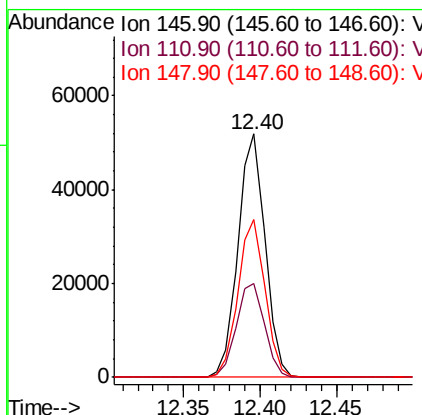
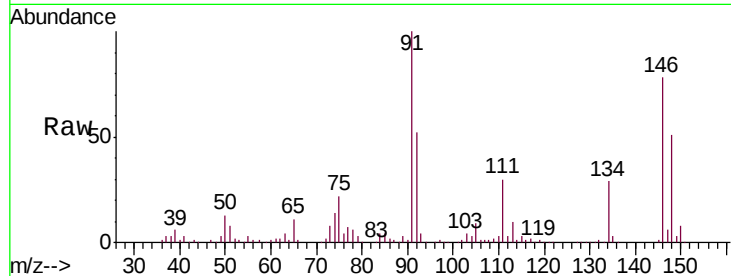
#91
1,2-Dichlorobenzene
Concen: 19.97 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.8	59.4
148	64.8	32.2	96.6

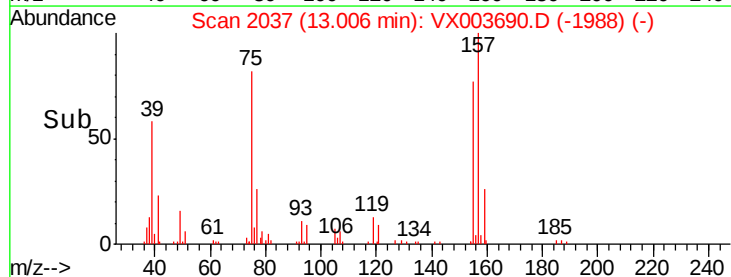
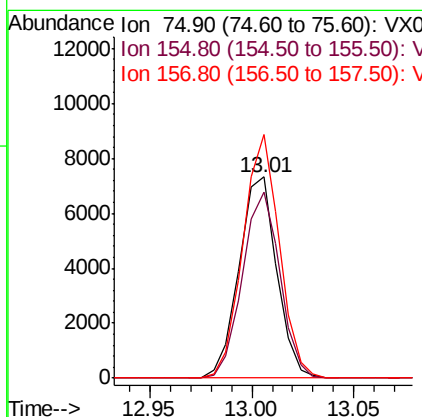
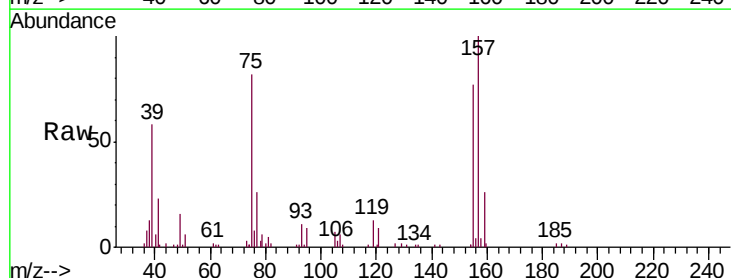
Manual Integrations
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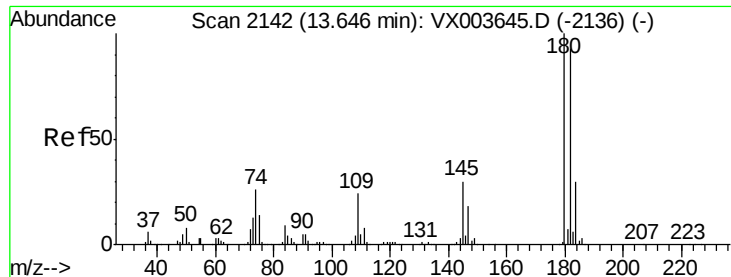
MMDadoda
7/27/2018 5:40:52 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.79 ug/l
RT: 13.01 min Scan# 2037
Delta R.T. 0.00 min
Lab File: VX003690.D
Acq: 27 Jul 2018 01:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.9	46.1	138.3
157	116.7	59.7	179.0





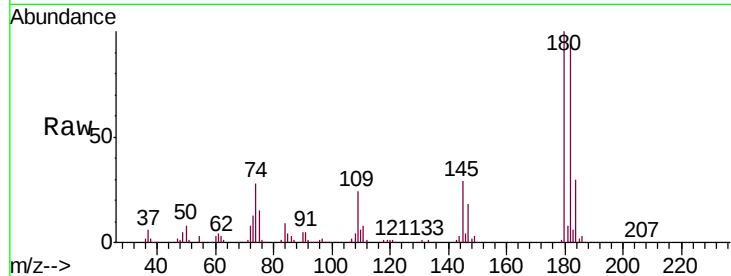
#93
 1,2,4-Trichlorobenzene
 Concen: 19.33 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.9	143.8
145	28.4	14.4	43.2

Manual Integrations
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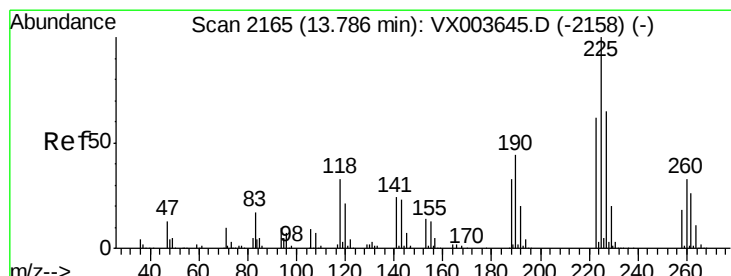
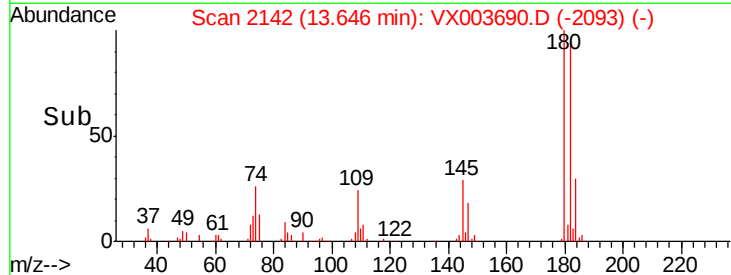
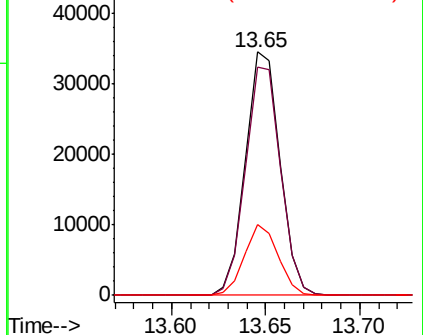


Abundance

Ion 179.80 (179.50 to 180.50): V

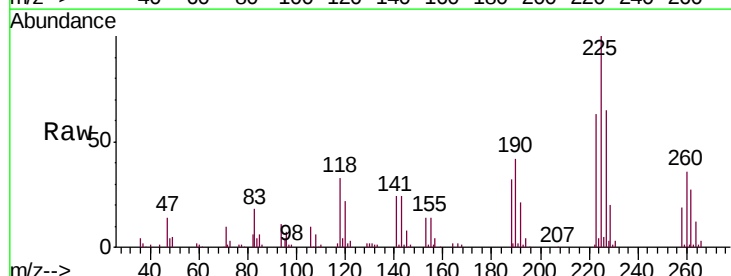
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 18.98 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003690.D
 Acq: 27 Jul 2018 01:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	30.9	92.5
227	63.9	31.9	95.7

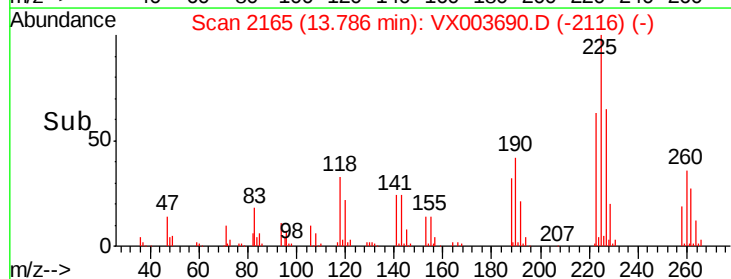
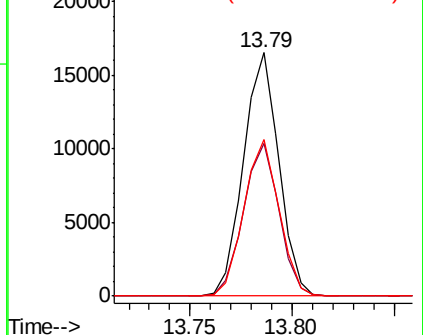


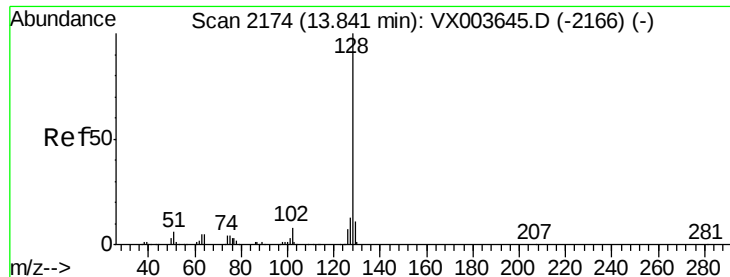
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 20.00 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Instrument :

MSVOA_X

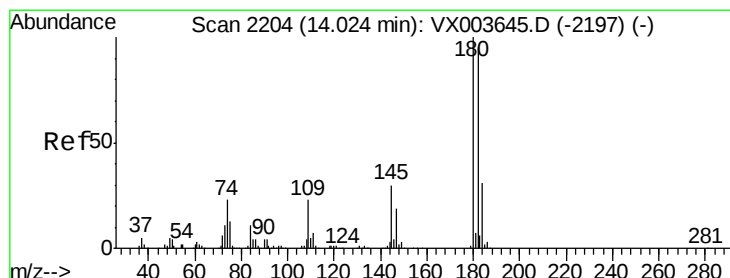
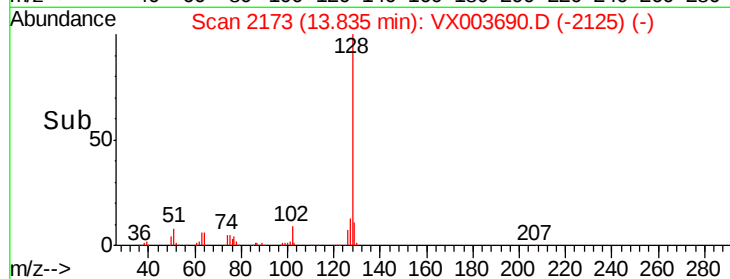
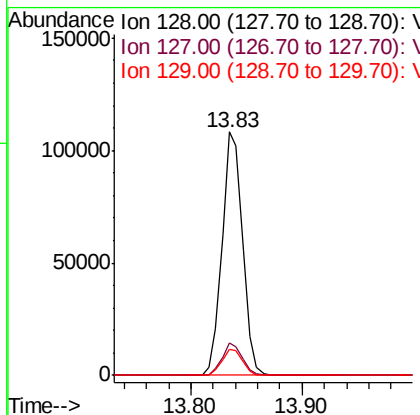
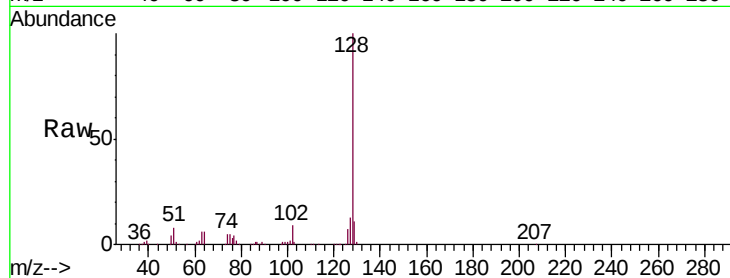
ClientSampleId :

VX0726WBSD02

Tot Ion:	128	Resp:	137595
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.7	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 19.90 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003690.D

Acq: 27 Jul 2018 01:06

Tgt Ion:	180	Resp:	45968
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.6	142.8
145	30.5	15.0	45.1

