

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072618\
 Data File : VX003672.D
 Acq On : 26 Jul 2018 16:10
 Operator : JC/SP
 Sample : VX0726WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/27/2018 5:40:24 PM

Quant Time: Jul 27 05:45:34 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	116782	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	170831	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	163990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	100224	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	89109	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
35) Dibromofluoromethane	5.51	113	72556	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
50) Toluene-d8	8.72	98	275801	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
62) 4-Bromofluorobenzene	11.14	95	100425	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	23585	17.73	ug/l	99
3) Chloromethane	1.32	50	31751	18.12	ug/l	99
4) Vinyl Chloride	1.40	62	34024	18.99	ug/l	97
5) Bromomethane	1.64	94	19607	22.66	ug/l	92
6) Chloroethane	1.73	64	23764	18.96	ug/l	100
7) Trichlorofluoromethane	1.93	101	44923	19.48	ug/l	95
8) Diethyl Ether	2.19	74	18699	18.50	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	29013	20.44	ug/l	98
10) Methyl Iodide	2.51	142	34645	20.13	ug/l	100
11) Tert butyl alcohol	3.05	59	39137	94.65	ug/l	100
12) 1,1-Dichloroethene	2.38	96	25669	19.00	ug/l	93
13) Acrolein	2.29	56	21724	106.25	ug/l	96
14) Allyl chloride	2.73	41	52533	18.66	ug/l	97
15) Acrylonitrile	3.14	53	95773	95.86	ug/l	99
16) Acetone	2.44	43	77635	95.53	ug/l	99
17) Carbon Disulfide	2.57	76	71314	18.35	ug/l	100
18) Methyl Acetate	2.78	43	48179	19.63	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	91576	19.20	ug/l	97
20) Methylene Chloride	2.86	84	30619	19.01	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	28233	19.44	ug/l	99
22) Diisopropyl ether	3.87	45	101256	19.70	ug/l	# 85
23) Vinyl Acetate	3.82	43	430325	97.71	ug/l	100
24) 1,1-Dichloroethane	3.70	63	55199	19.05	ug/l	99
25) 2-Butanone	4.70	43	132794	105.77	ug/l	99
26) 2,2-Dichloropropane	4.59	77	37283	20.35	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	32146	20.38	ug/l	98
28) Bromochloromethane	5.03	49	23453	20.17	ug/l	97
29) Tetrahydrofuran	5.16	42	84632	103.55	ug/l	99
30) Chloroform	5.22	83	53119	20.21	ug/l	98
31) Cyclohexane	5.58	56	45961	19.76	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	43102	19.75	ug/l	97
36) 1,1-Dichloropropene	5.80	75	37495	18.78	ug/l	100
37) Ethyl Acetate	4.86	43	49992	20.82	ug/l	99
38) Carbon Tetrachloride	5.78	117	37265	19.36	ug/l	90

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Manual Integrations
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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	43009	19.57	ug/l	97
40) Benzene	6.15	78	121960	20.64	ug/l	99
41) Methacrylonitrile	5.06	41	28080	21.12	ug/l	98
42) 1,2-Dichloroethane	6.20	62	42377	20.38	ug/l	100
43) Isopropyl Acetate	6.47	43	68817	19.65	ug/l	100
44) Trichloroethene	7.21	130	30575	19.30	ug/l	99
45) 1,2-Dichloropropane	7.52	63	30671	20.08	ug/l	96
46) Dibromomethane	7.66	93	19523	19.90	ug/l	99
47) Bromodichloromethane	7.90	83	35588	19.34	ug/l	98
48) Methyl methacrylate	7.78	41	34943	19.66	ug/l	98
49) 1,4-Dioxane	7.76	88	15175	382.67	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	229821	97.24	ug/l	99
52) Toluene	8.79	92	73233	19.94	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	39445	19.36	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	43636	19.47	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	29578	19.70	ug/l	98
56) Ethyl methacrylate	9.18	69	43304	19.38	ug/l	97
57) 1,3-Dichloropropane	9.37	76	50183	19.91	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	115876	103.21	ug/l	100
59) 2-Hexanone	9.50	43	177867	98.11	ug/l	99
60) Dibromochloromethane	9.59	129	28135	19.76	ug/l	100
61) 1,2-Dibromoethane	9.68	107	30835	19.72	ug/l	99
64) Tetrachloroethene	9.34	164	28358	18.91	ug/l	97
65) Chlorobenzene	10.14	112	81143	19.66	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	27693	19.30	ug/l	98
67) Ethyl Benzene	10.26	91	136449	19.75	ug/l	99
68) m/p-Xylenes	10.36	106	106898	40.34	ug/l	99
69) o-Xylene	10.70	106	49939	19.57	ug/l	98
70) Styrene	10.71	104	85413	19.93	ug/l	99
71) Bromoform	10.86	173	21245	18.73	ug/l #	99
73) Isopropylbenzene	11.02	105	138041	20.16	ug/l	99
74) N-amyl acetate	6.47	43	68817	19.27	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	47974	18.97	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	41369m	19.68	ug/l	
77) Bromobenzene	11.26	156	36368	19.55	ug/l	99
78) n-propylbenzene	11.36	91	161289	20.40	ug/l	99
79) 2-Chlorotoluene	11.42	91	95898	19.95	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	117332	20.25	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	12920	19.04	ug/l	95
82) 4-Chlorotoluene	11.51	91	114035	20.14	ug/l	99
83) tert-Butylbenzene	11.77	119	112202	19.79	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	120954	20.31	ug/l	100
85) sec-Butylbenzene	11.95	105	137160	20.27	ug/l	100
86) p-Isopropyltoluene	12.07	119	123150	20.28	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	67801	19.57	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	69464	19.29	ug/l	99
89) n-Butylbenzene	12.39	91	107533	19.65	ug/l	99
90) Hexachloroethane	12.60	117	18914	20.56	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	68309	19.30	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	9989	18.98	ug/l	97

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ClientSampleId :
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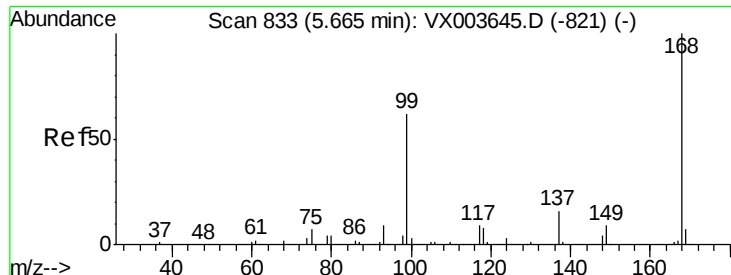
Manual Integrations
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MMDadoda
7/27/2018 5:40:24 PM

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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)
93) 1,2,4-Trichlorobenzene	13.65	180	47952	18.99	ug/l	100
94) Hexachlorobutadiene	13.79	225	22288	19.08	ug/l	98
95) Naphthalene	13.83	128	144226	18.88	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	49411	19.26	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003672.D

Acq: 26 Jul 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS01

Tot Ion:168 Resp: 116782

Ion Ratio Lower Upper

168 100

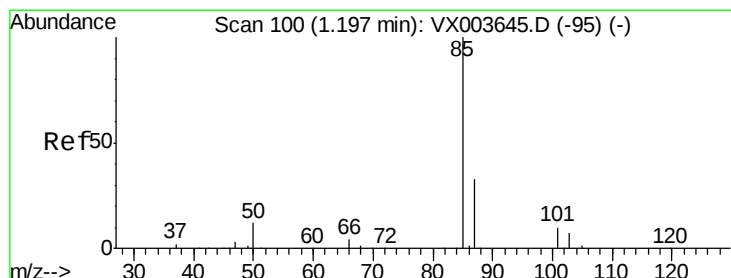
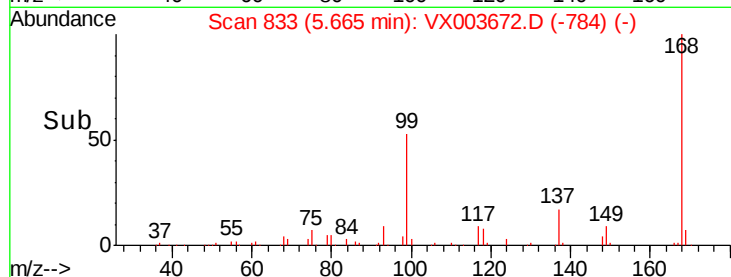
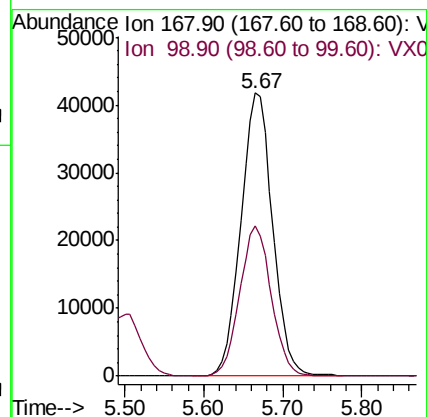
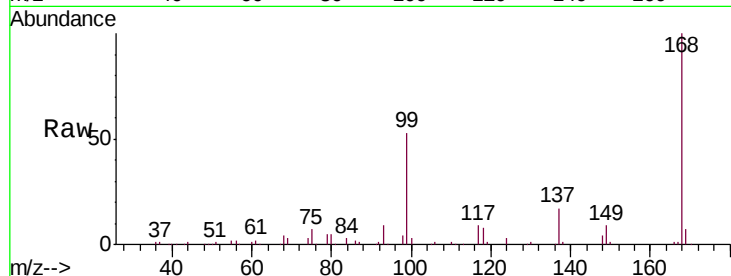
99 53.0 49.5 74.3

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 17.73 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003672.D

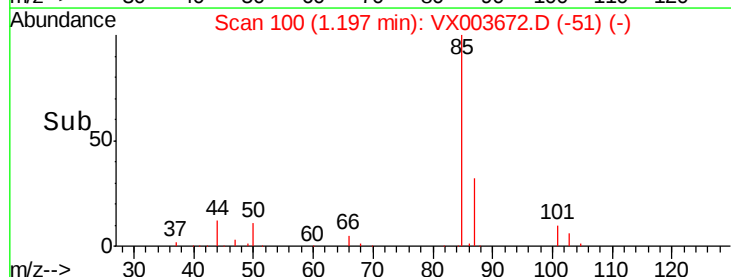
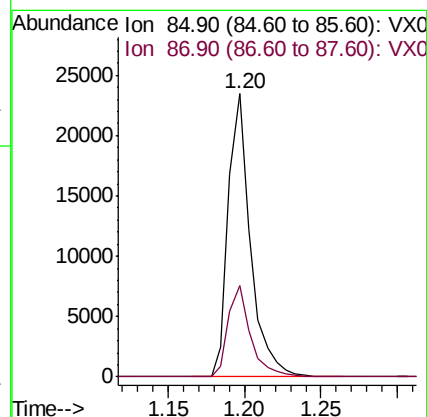
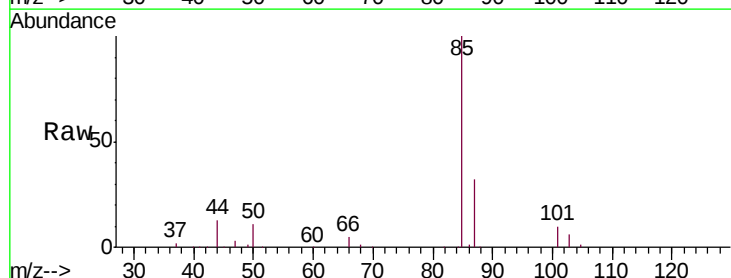
Acq: 26 Jul 2018 16:10

Tgt Ion: 85 Resp: 23585

Ion Ratio Lower Upper

85 100

87 32.4 16.5 49.5





#3

Chloromethane

Concen: 18.12 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003672.D

Acq: 26 Jul 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS01

Tot Ion: 50 Resp: 31751

Ion Ratio Lower Upper

50 100

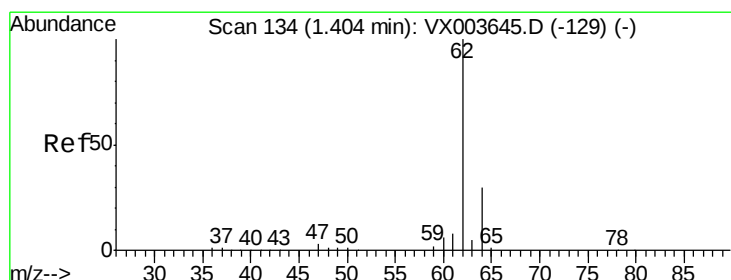
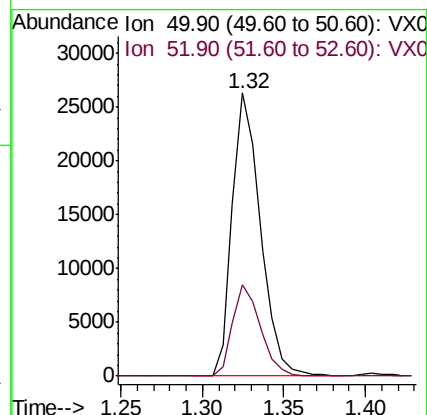
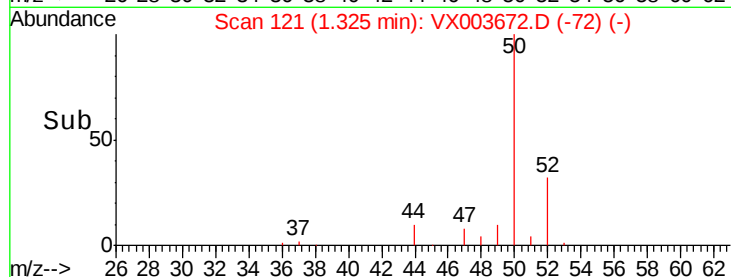
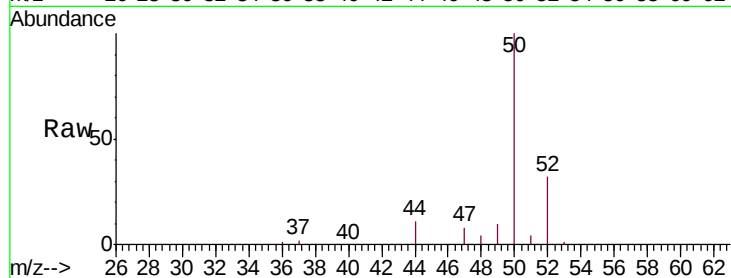
52 32.3 26.3 39.5

Manual Integrations

APPROVED

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7/27/2018 5:40:24 PM



#4

Vinyl Chloride

Concen: 18.99 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003672.D

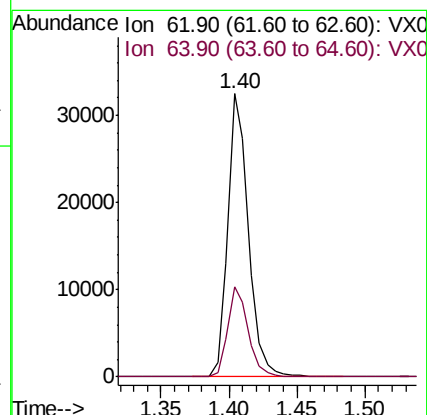
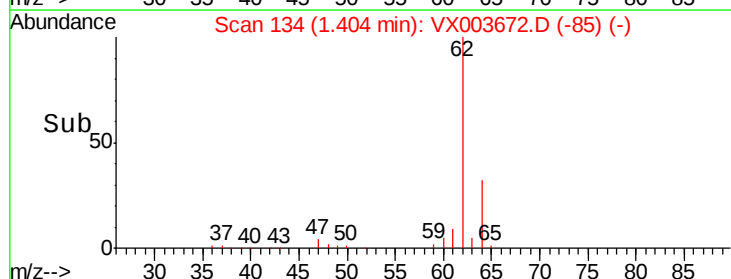
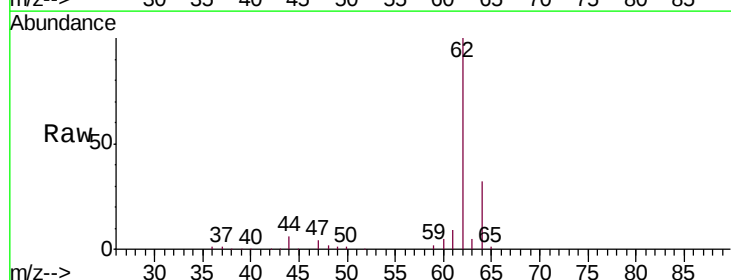
Acq: 26 Jul 2018 16:10

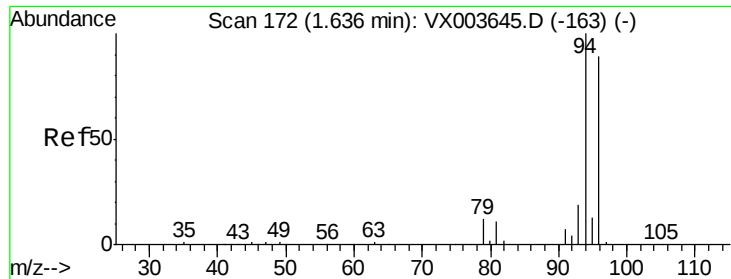
Tgt Ion: 62 Resp: 34024

Ion Ratio Lower Upper

62 100

64 32.0 24.4 36.6





#5

Bromomethane

Concen: 22.66 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003672.D

Acq: 26 Jul 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS01

Tot Ion: 94 Resp: 19607

Ion Ratio Lower Upper

94 100

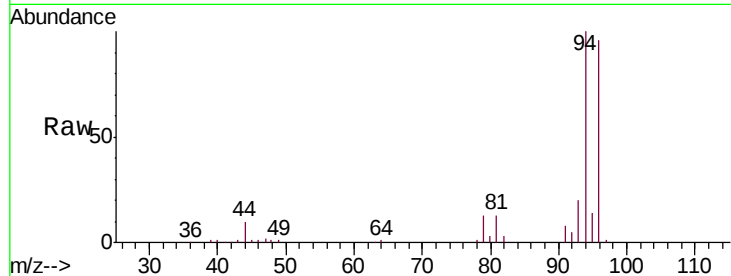
96 96.3 71.3 106.9

Manual Integrations

APPROVED

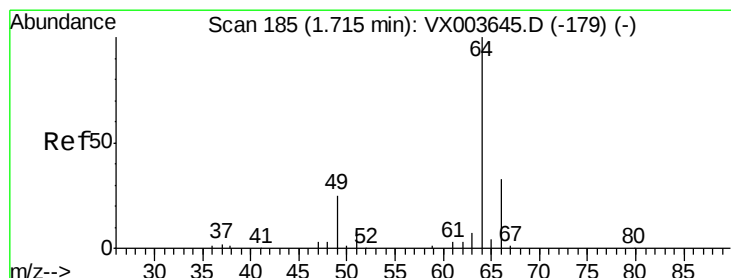
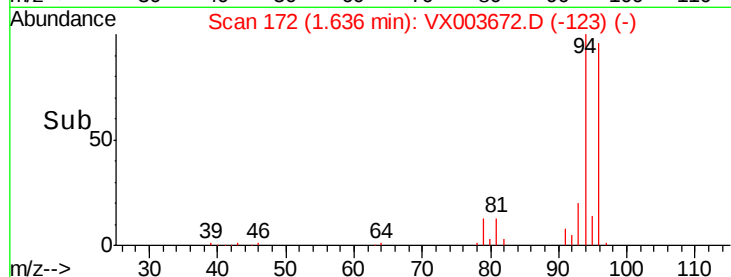
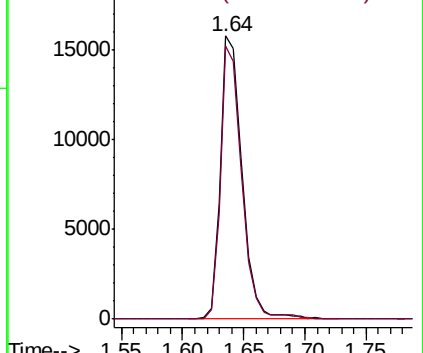
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.96 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX003672.D

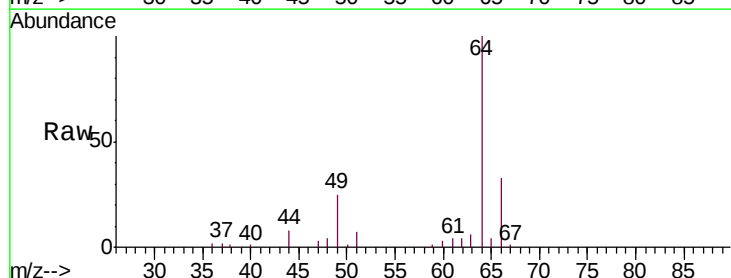
Acq: 26 Jul 2018 16:10

Tgt Ion: 64 Resp: 23764

Ion Ratio Lower Upper

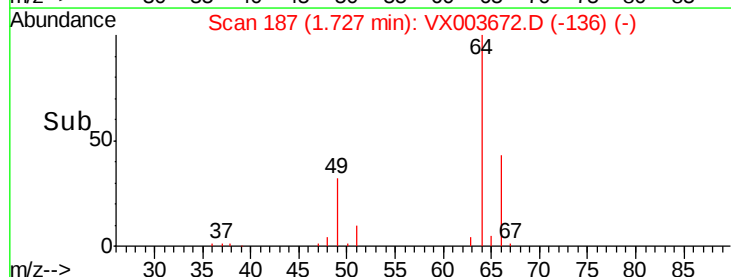
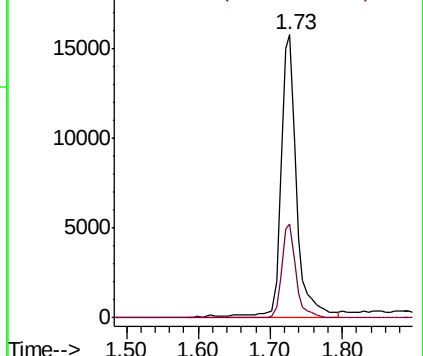
64 100

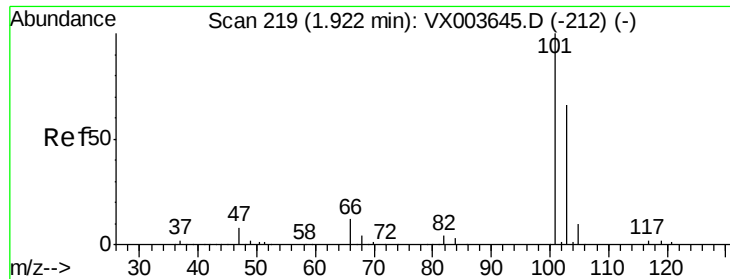
66 33.1 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

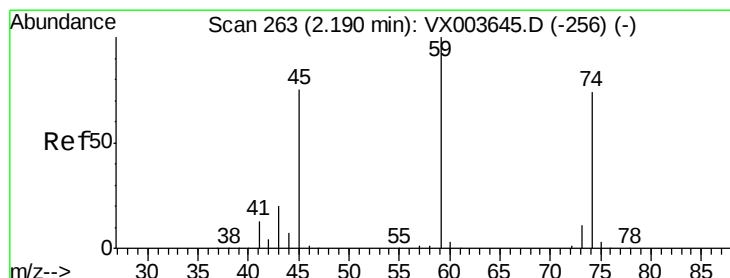
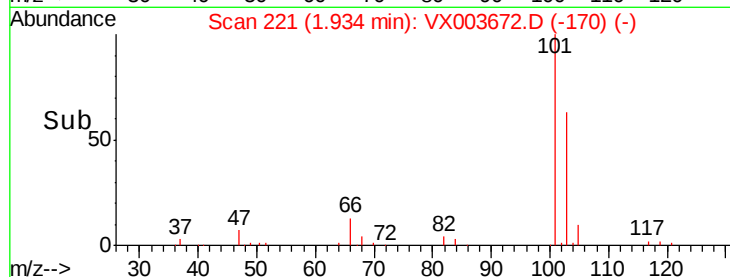
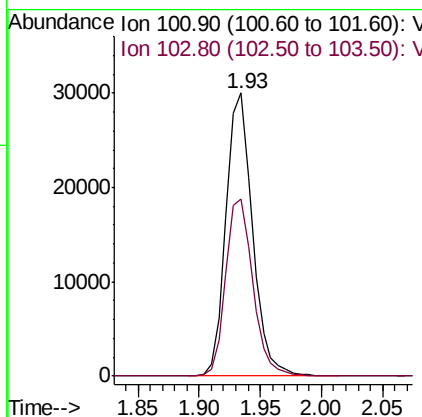
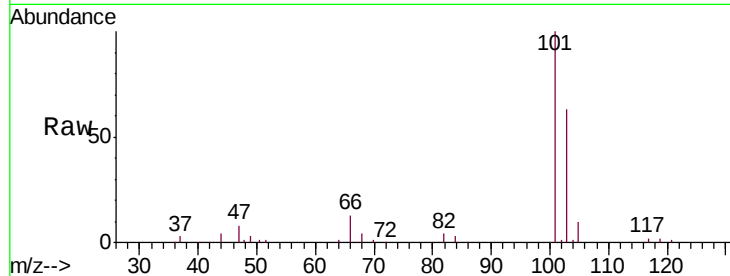
Trichlorofluoromethane
Concen: 19.48 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Tot Ion:101 Resp: 44923
Ion Ratio Lower Upper
101 100
103 62.8 53.2 79.8

Manual Integrations
APPROVED

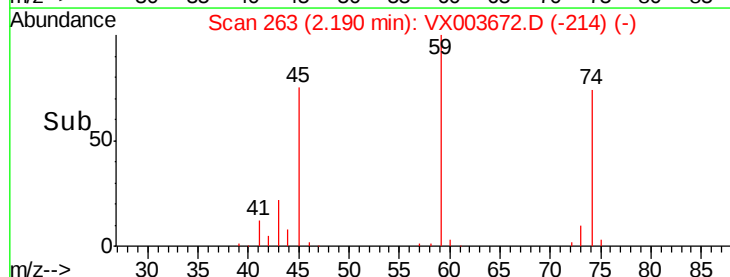
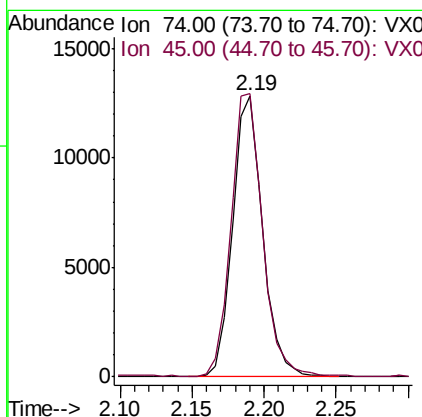
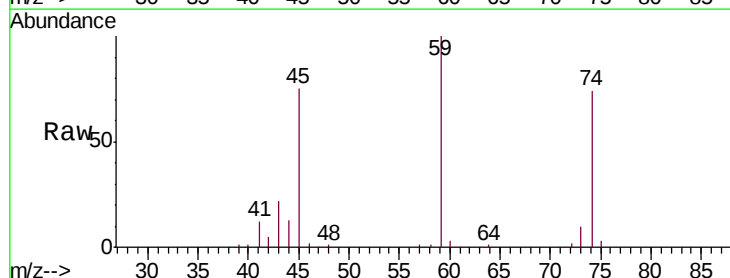
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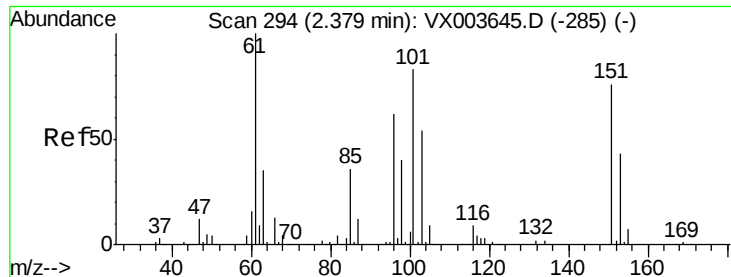


#8

Diethyl Ether
Concen: 18.50 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Tgt Ion: 74 Resp: 18699
Ion Ratio Lower Upper
74 100
45 106.3 51.0 153.1





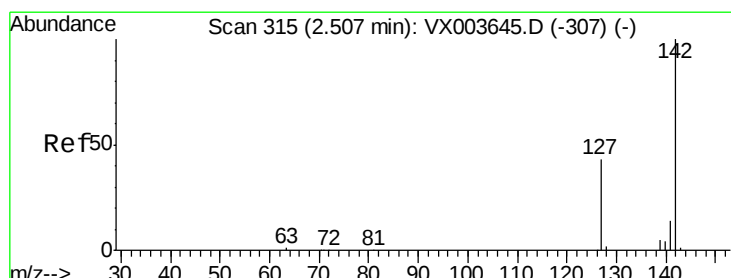
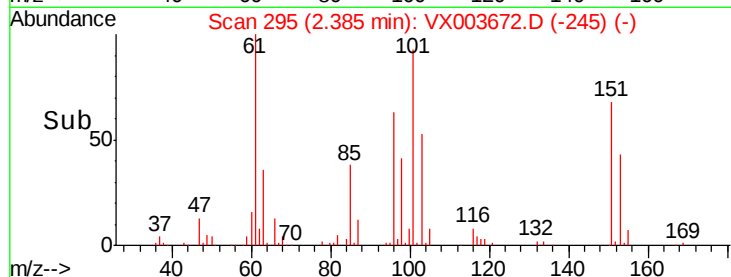
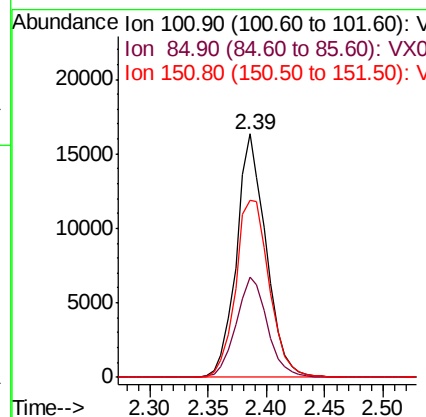
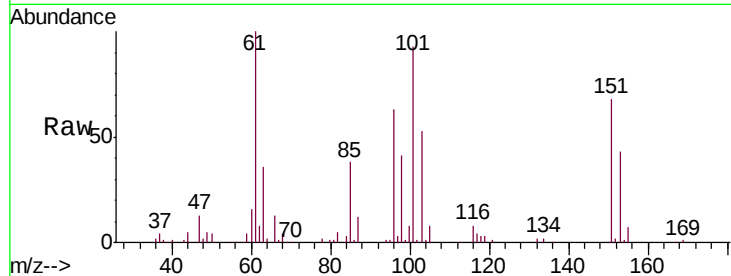
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.44 ug/l
 RT: 2.39 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: VX003672.D
 Acq: 26 Jul 2018 16:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	29013		
85	43.1	34.6	52.0	
151	82.2	67.5	101.3	

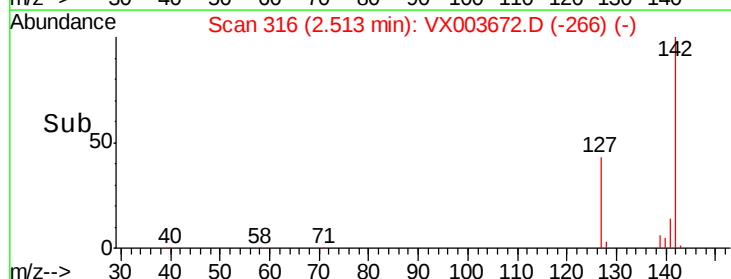
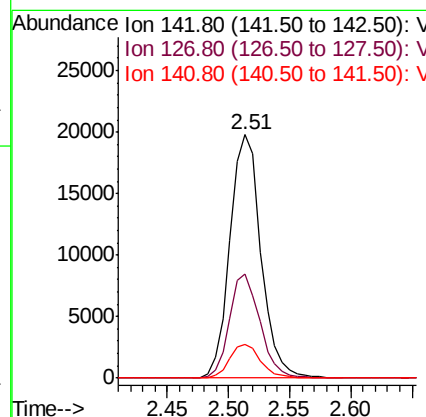
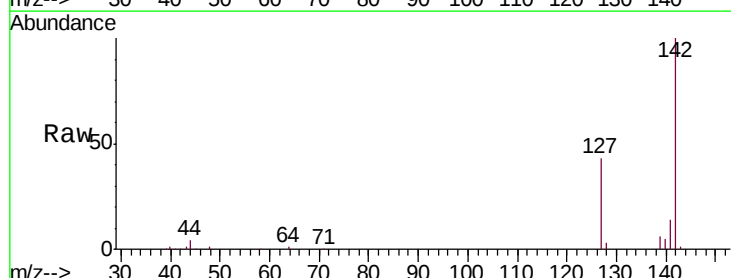
Manual Integrations
 APPROVED

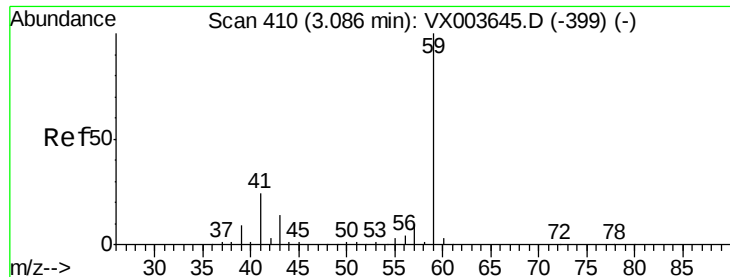
MMDadoda
 7/27/2018 5:40:24 PM



#10
 Methyl Iodide
 Concen: 20.13 ug/l
 RT: 2.51 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX003672.D
 Acq: 26 Jul 2018 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	34645		
127	42.3	34.0	51.0	
141	13.7	11.3	16.9	





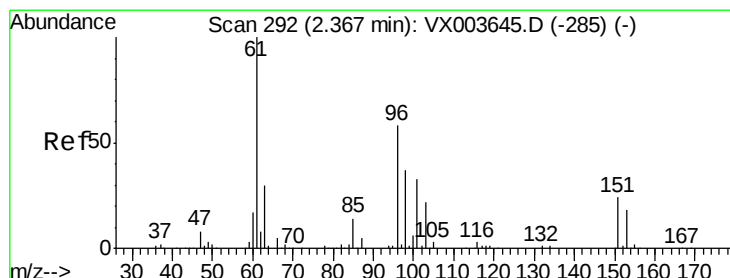
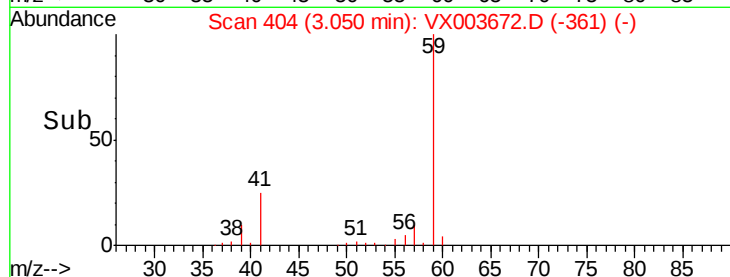
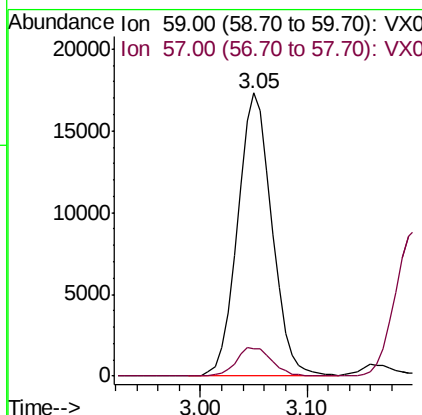
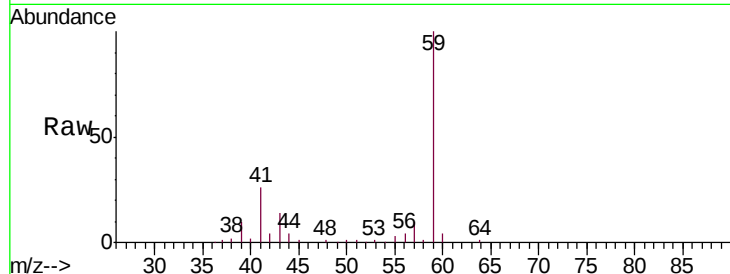
#11
Tert butyl alcohol
Concen: 94.65 ug/l
RT: 3.05 min Scan# 404
Delta R.T. -0.04 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Tot Ion: 59 Resp: 39137
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

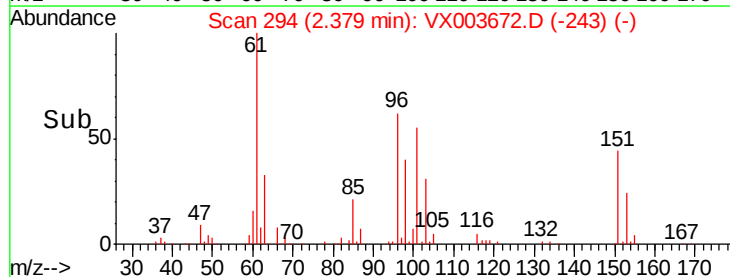
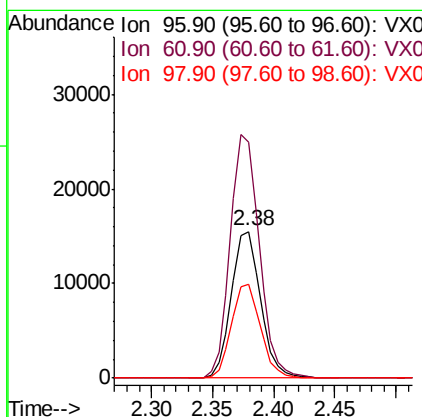
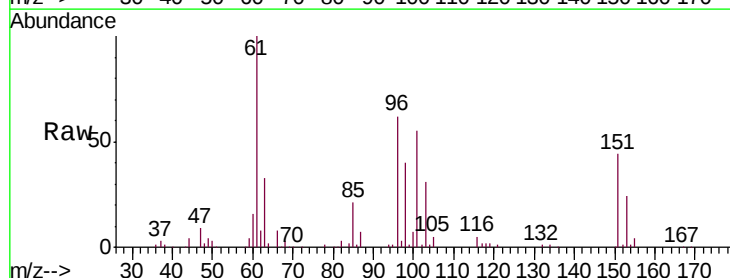
Manual Integrations
APPROVED

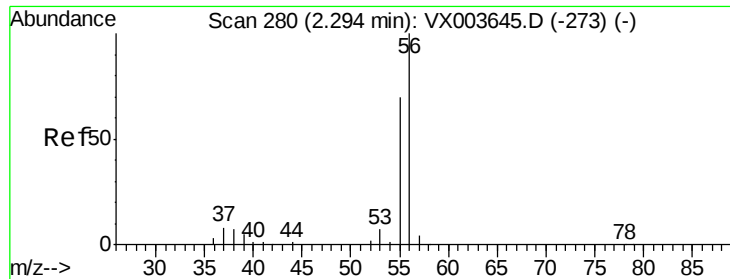
MMDadoda
7/27/2018 5:40:24 PM



#12
1,1-Dichloroethene
Concen: 19.00 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.01 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Tgt Ion: 96 Resp: 25669
Ion Ratio Lower Upper
96 100
61 160.7 138.8 208.2
98 64.1 51.4 77.2





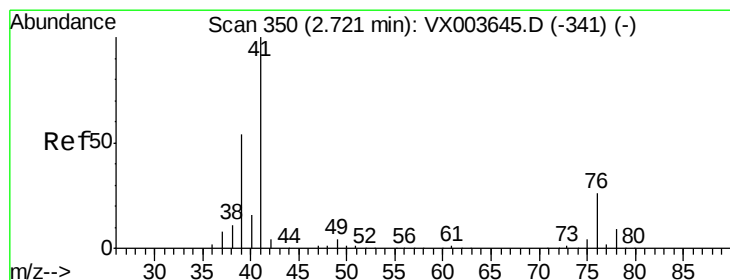
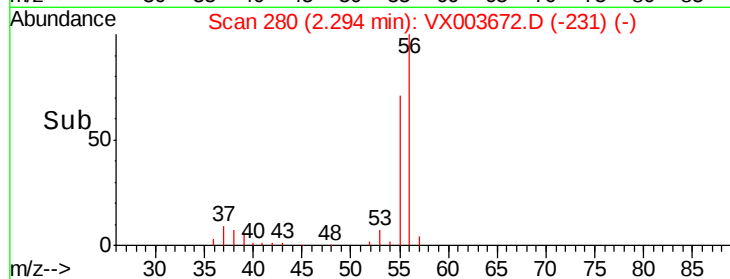
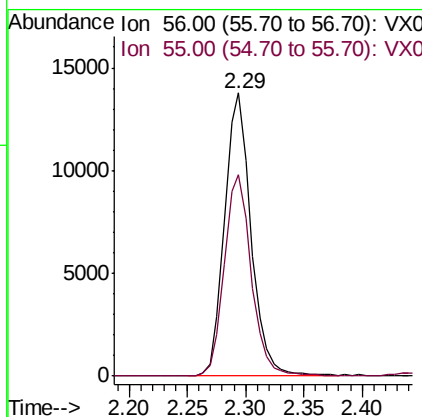
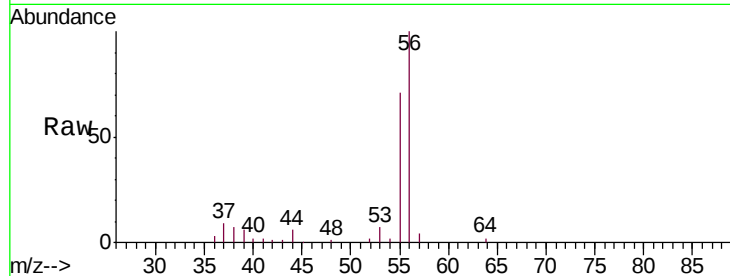
#13
Acrolein
Concen: 106.25 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Tot Ion: 56 Resp: 21724
Ion Ratio Lower Upper
56 100
55 72.6 55.4 83.2

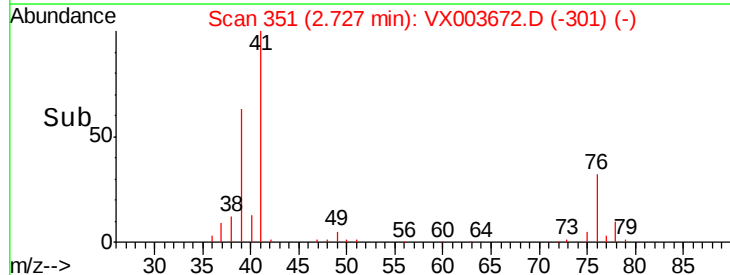
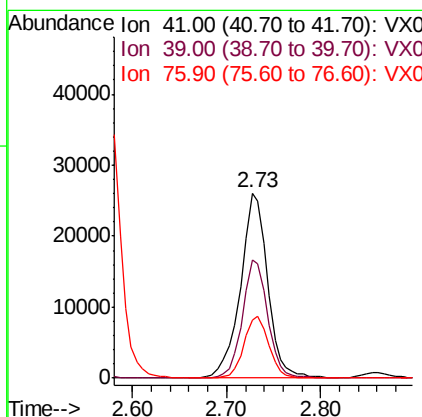
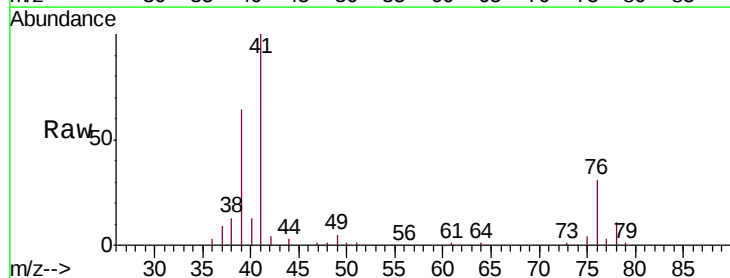
Manual Integrations
APPROVED

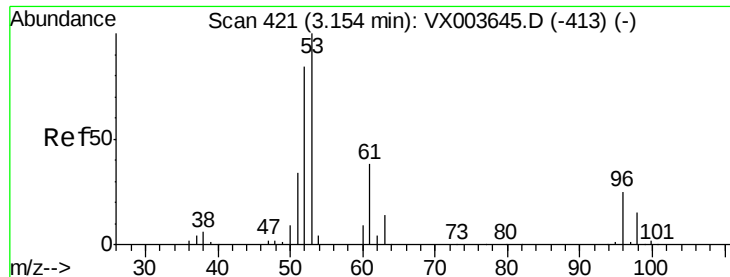
MMDadoda
7/27/2018 5:40:24 PM



#14
Allyl chloride
Concen: 18.66 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.01 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Tgt Ion: 41 Resp: 52533
Ion Ratio Lower Upper
41 100
39 59.7 45.3 67.9
76 30.3 23.8 35.6





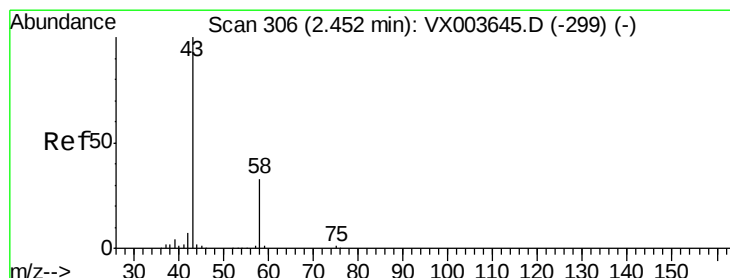
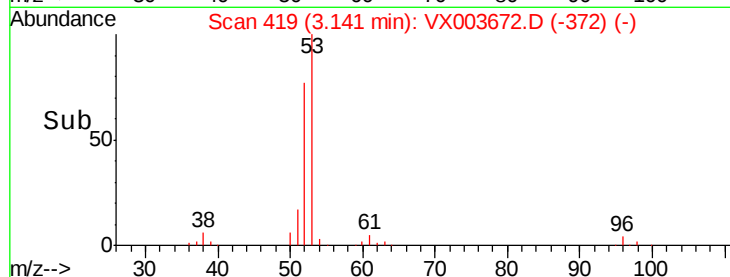
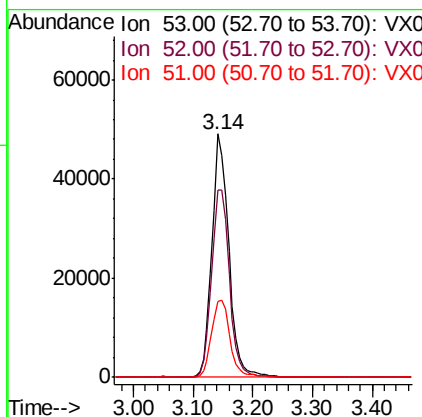
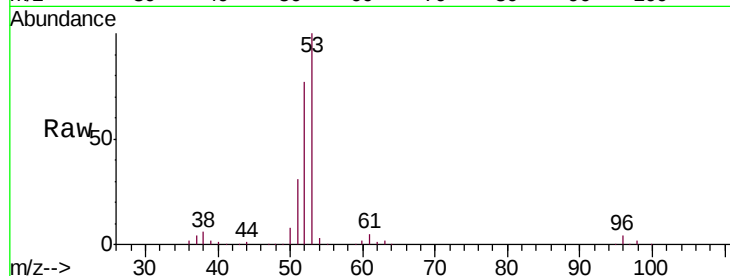
#15
 Acrylonitrile
 Concen: 95.86 ug/l
 RT: 3.14 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: VX003672.D
 Acq: 26 Jul 2018 16:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.1	99.1
51	35.3	28.2	42.4

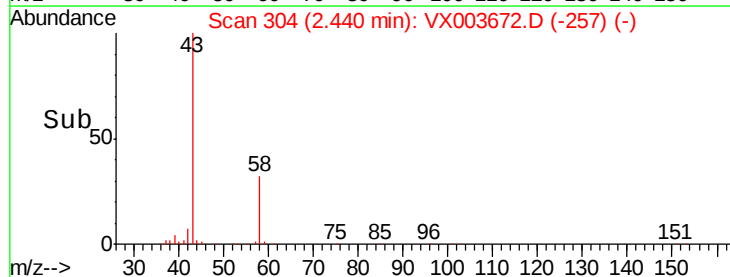
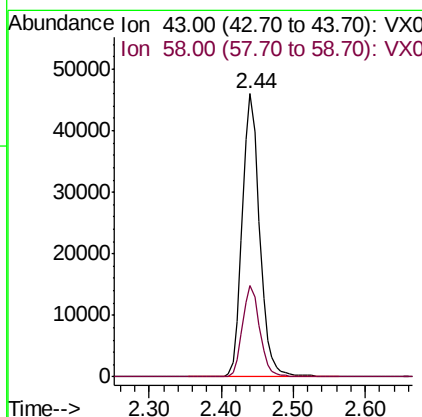
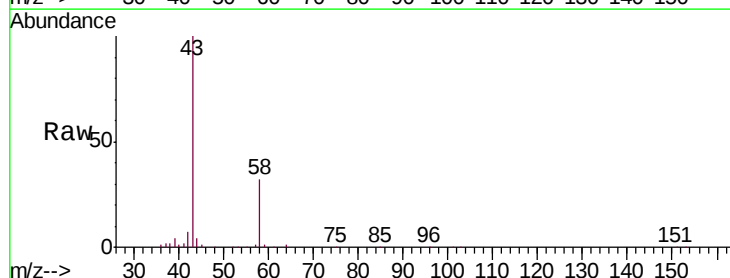
Manual Integrations
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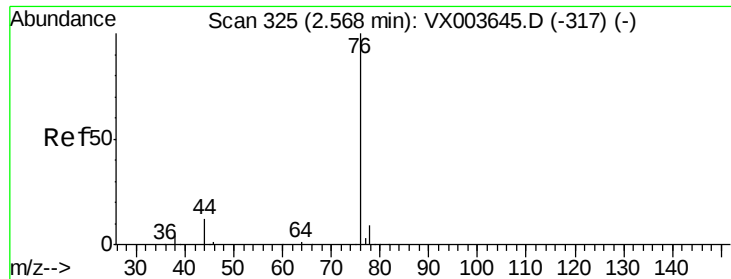
MMDadoda
 7/27/2018 5:40:24 PM



#16
 Acetone
 Concen: 95.53 ug/l
 RT: 2.44 min Scan# 304
 Delta R.T. -0.01 min
 Lab File: VX003672.D
 Acq: 26 Jul 2018 16:10

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.3	26.1	39.1





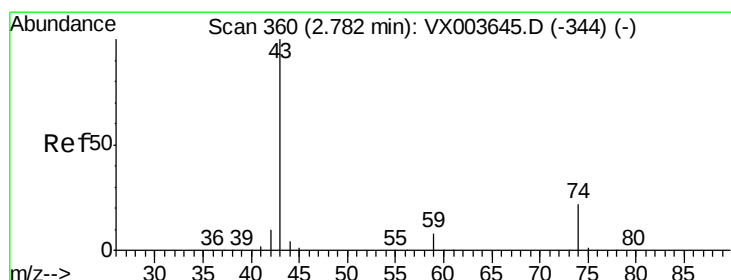
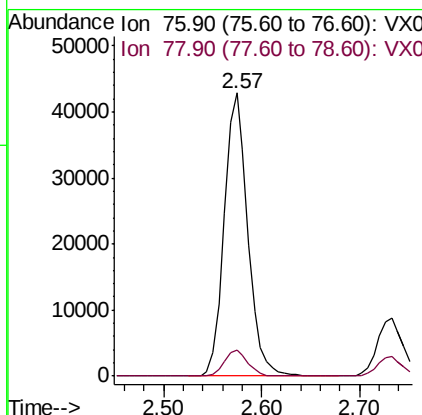
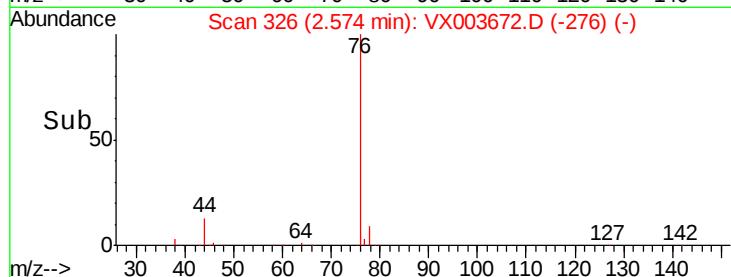
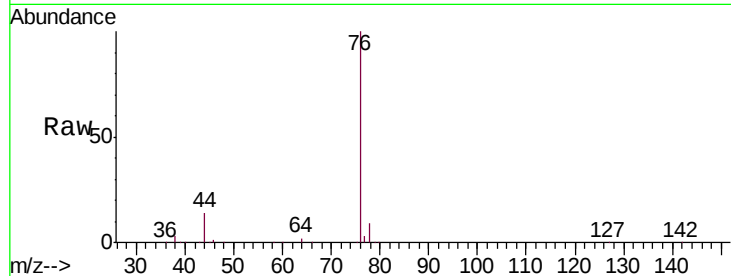
#17
Carbon Disulfide
Concen: 18.35 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Tot Ion: 76 Resp: 71314
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

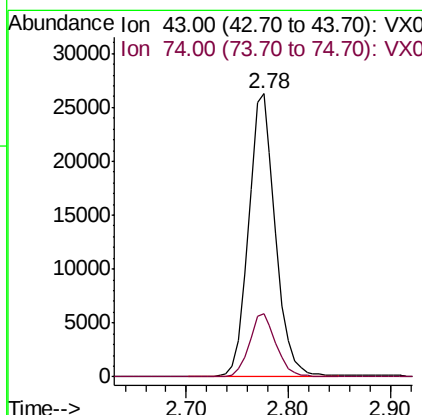
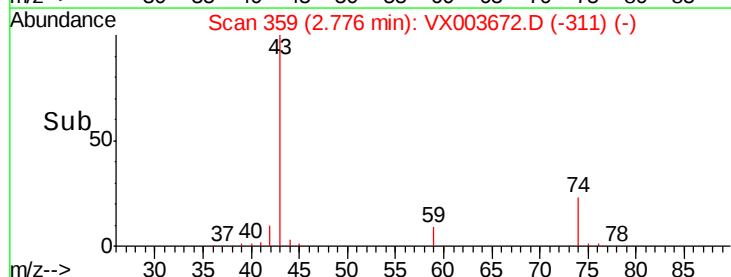
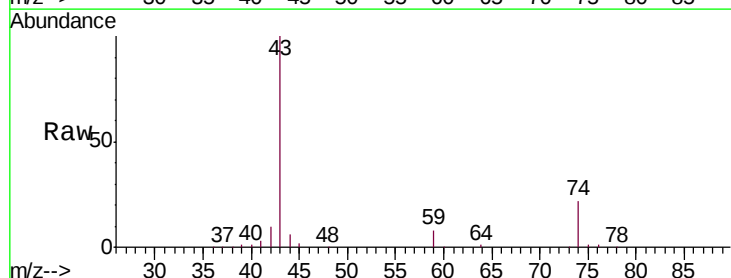
Manual Integrations
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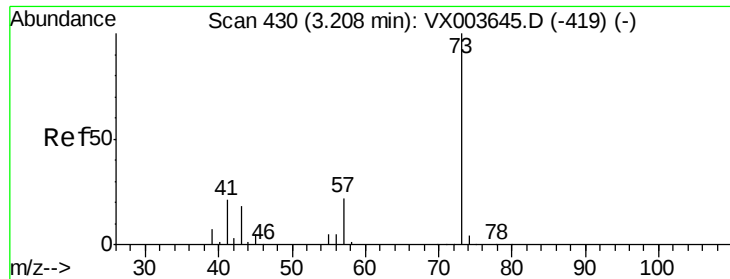
MMDadoda
7/27/2018 5:40:24 PM



#18
Methyl Acetate
Concen: 19.63 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Tgt Ion: 43 Resp: 48179
Ion Ratio Lower Upper
43 100
74 22.2 17.8 26.8





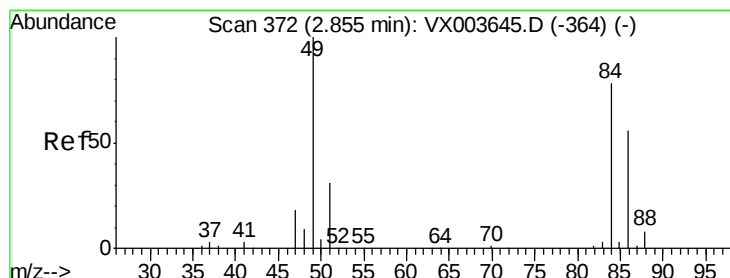
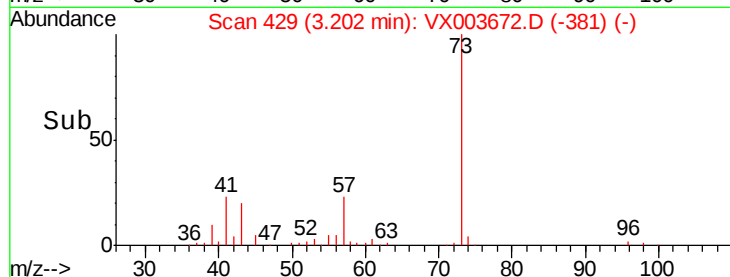
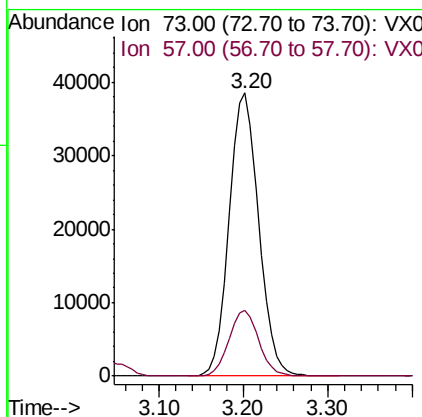
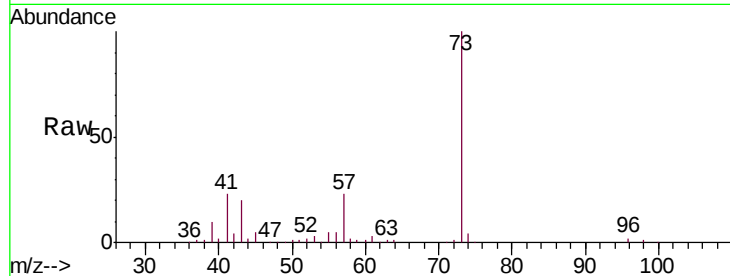
#19
Methvl tert-butvl Ether
Concen: 19.20 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Tot Ion: 73 Resp: 91576
Ion Ratio Lower Upper
73 100
57 23.3 17.4 26.2

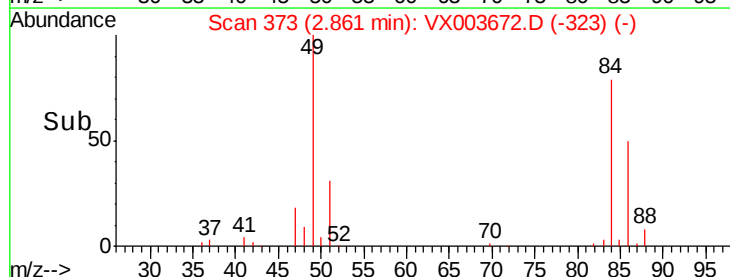
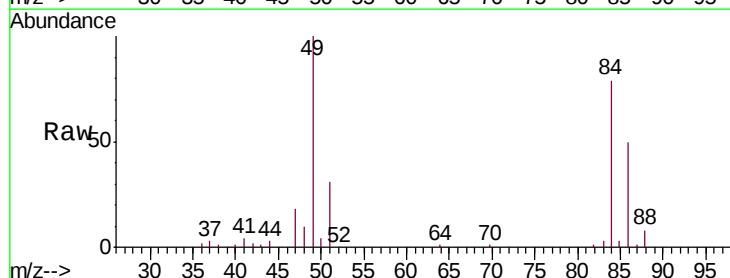
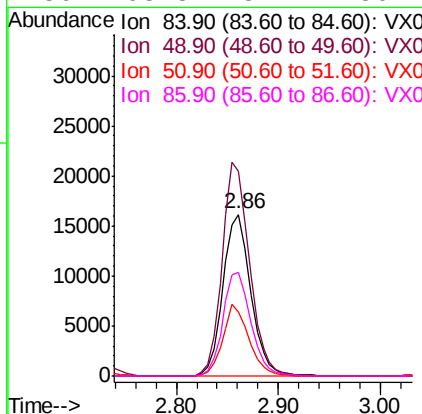
Manual Integrations
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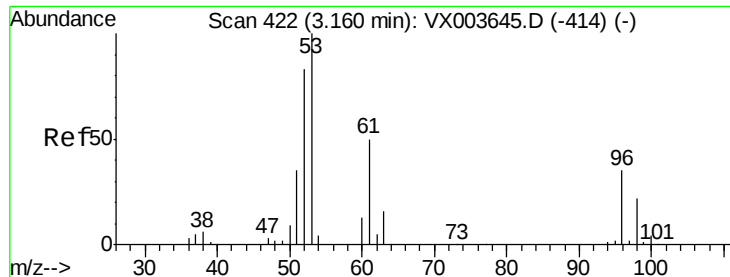
MMDadoda
7/27/2018 5:40:24 PM



#20
Methylene Chloride
Concen: 19.01 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Tgt Ion: 84 Resp: 30619
Ion Ratio Lower Upper
84 100
49 126.8 102.3 153.5
51 39.7 31.8 47.8
86 63.8 57.4 86.2





#21

trans-1,2-Dichloroethene

Concen: 19.44 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003672.D

Acq: 26 Jul 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS01

Tot Ion: 96 Resp: 28233

Ion Ratio Lower Upper

96 100

61 144.7 115.0 172.4

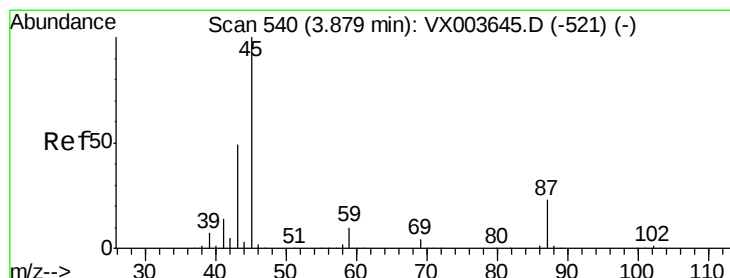
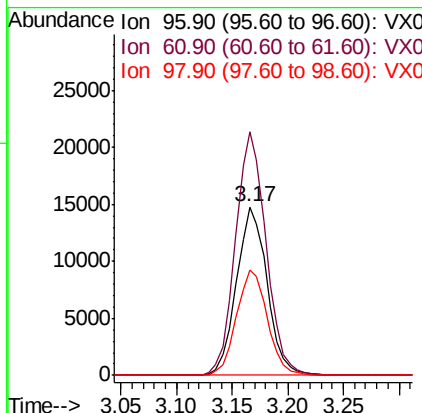
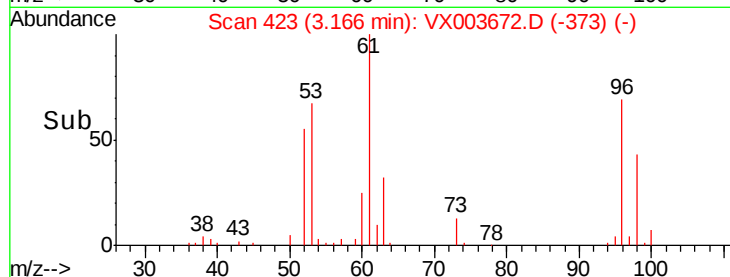
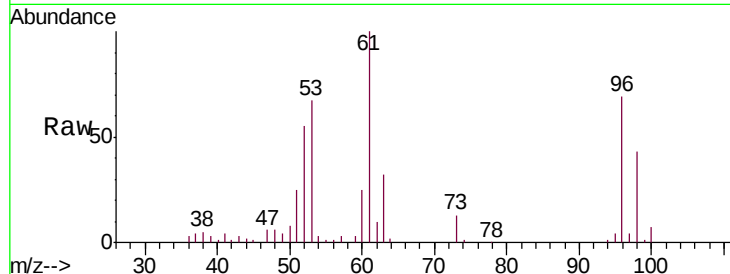
98 62.7 49.7 74.5

Manual Integrations

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#22

Diisopropyl ether

Concen: 19.70 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX003672.D

Acq: 26 Jul 2018 16:10

Tgt Ion: 45 Resp: 101256

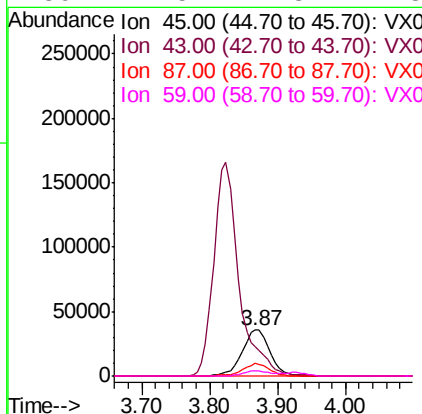
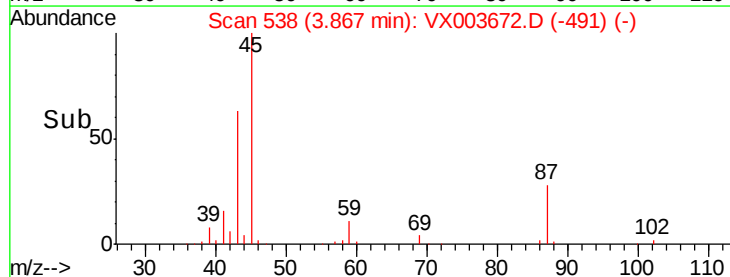
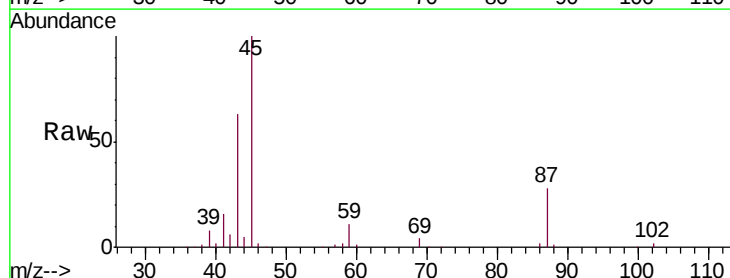
Ion Ratio Lower Upper

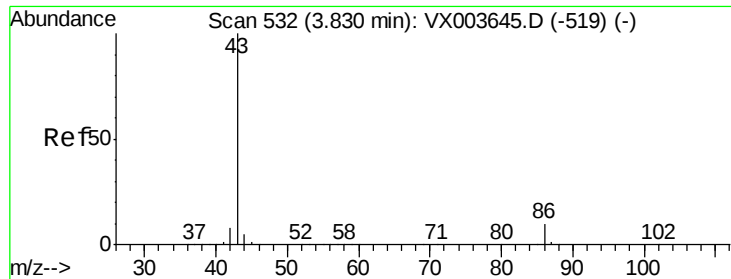
45 100

43 62.1 39.0 58.4#

87 27.6 18.4 27.6

59 11.5 7.8 11.8





#23

Vinyl Acetate

Concen: 97.71 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX003672.D

Acq: 26 Jul 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS01

Tot Ion: 43 Resp: 430325

Ion Ratio Lower Upper

43 100

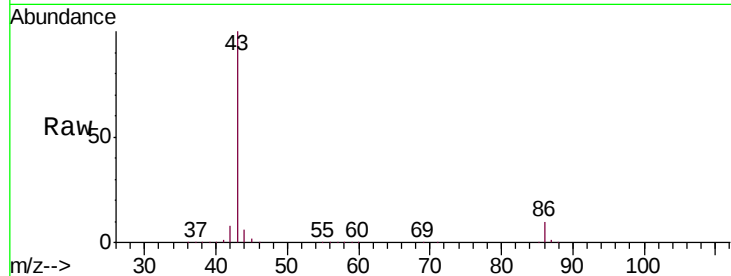
86 9.7 7.7 11.5

Manual Integrations

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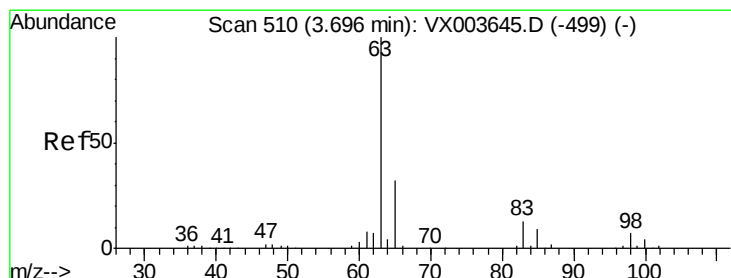
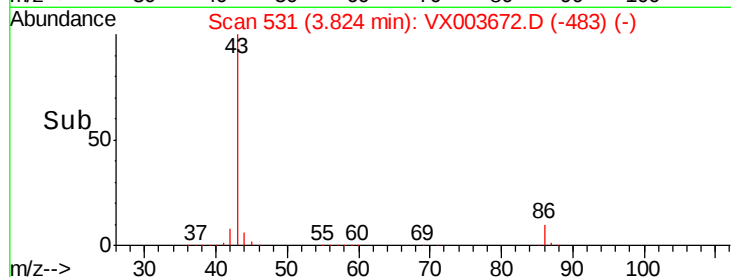
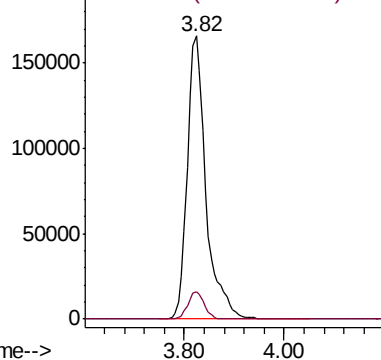
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.05 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX003672.D

Acq: 26 Jul 2018 16:10

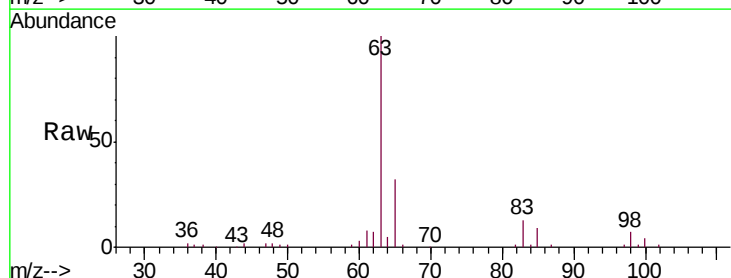
Tgt Ion: 63 Resp: 55199

Ion Ratio Lower Upper

63 100

98 6.8 3.3 9.8

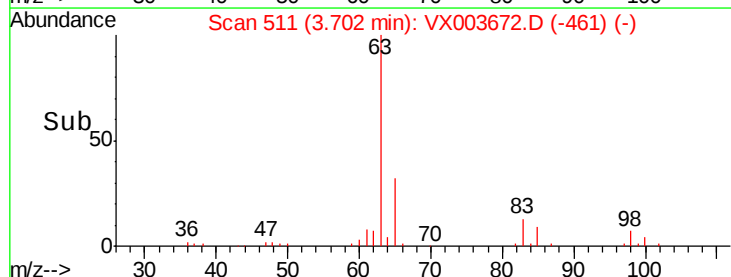
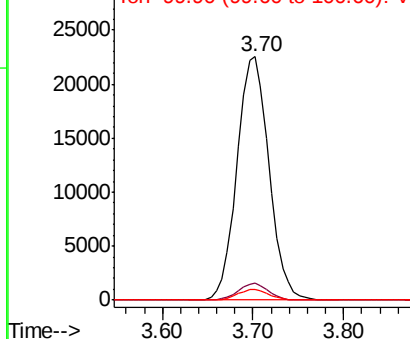
100 4.5 2.1 6.3

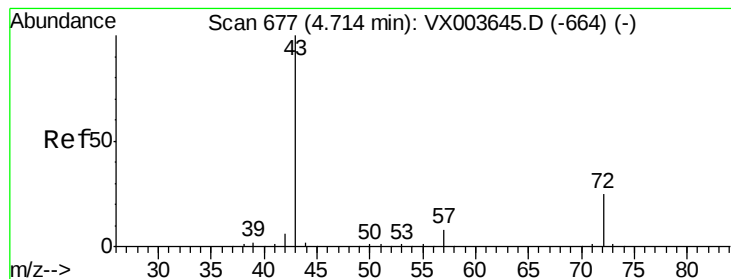


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





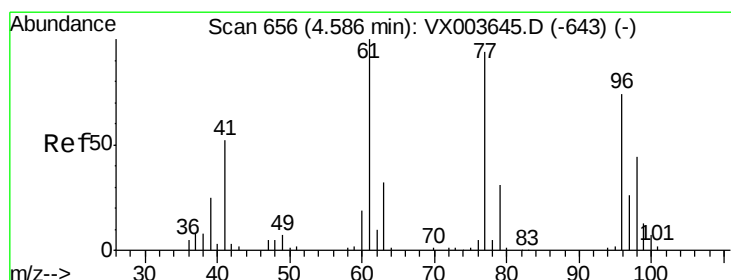
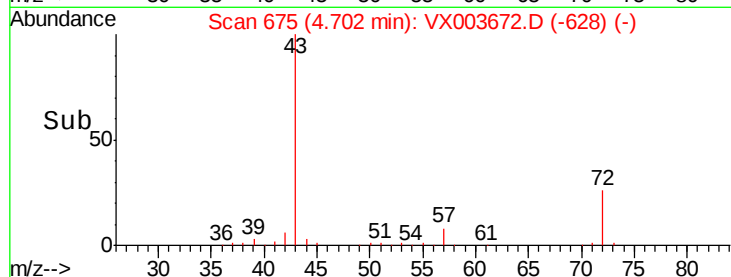
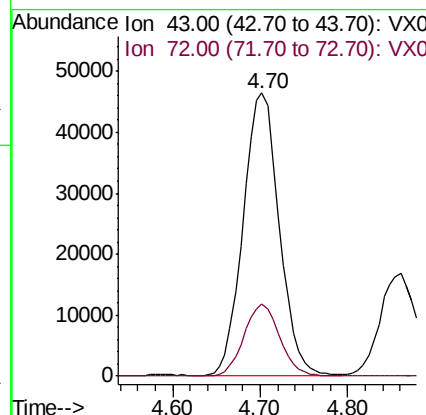
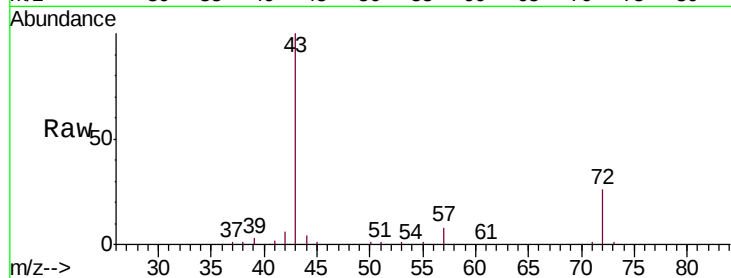
#25
2-Butanone
Concen: 105.77 ug/l
RT: 4.70 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Instrument :
MSVOA_X
ClientSampled :
VX0726WBS01

Tot Ion: 43 Resp: 132794
Ion Ratio Lower Upper
43 100
72 25.6 20.2 30.4

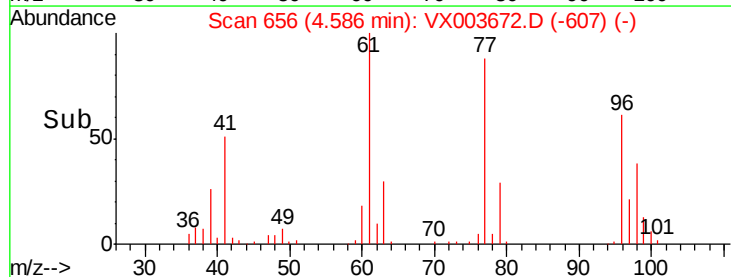
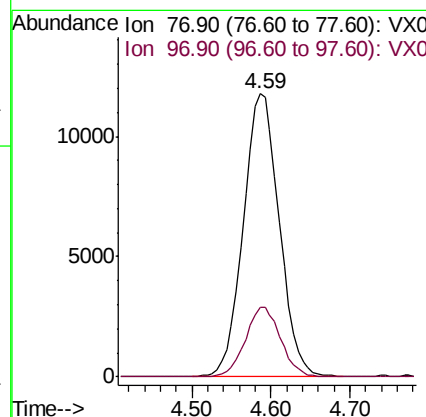
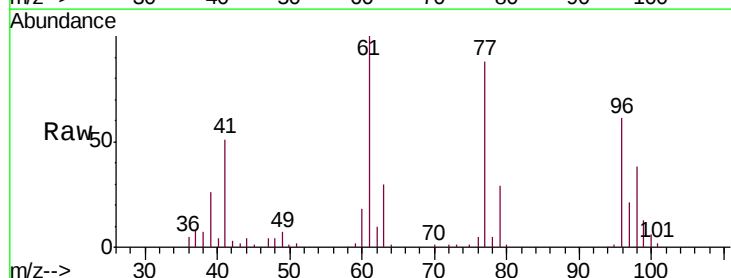
Manual Integrations
APPROVED

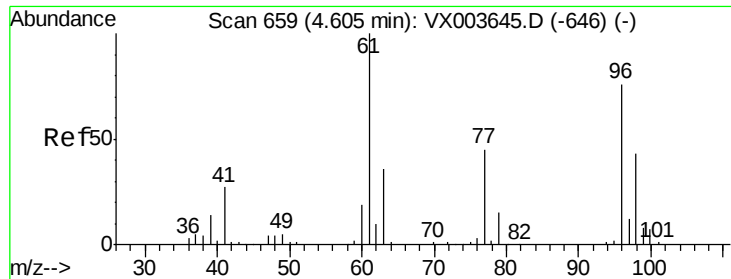
MMDadoda
7/27/2018 5:40:24 PM



#26
2,2-Dichloropropane
Concen: 20.35 ug/l
RT: 4.59 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Tgt Ion: 77 Resp: 37283
Ion Ratio Lower Upper
77 100
97 24.0 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 20.38 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX003672.D

Acq: 26 Jul 2018 16:10

Instrument :

MSVOA_X

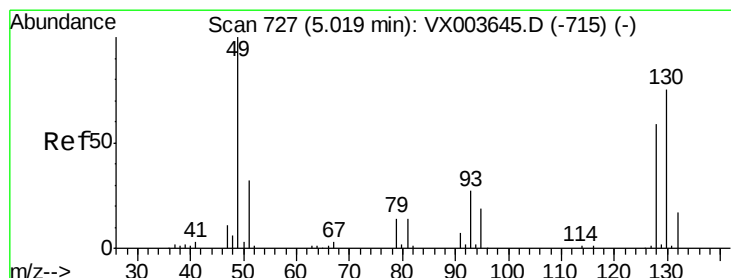
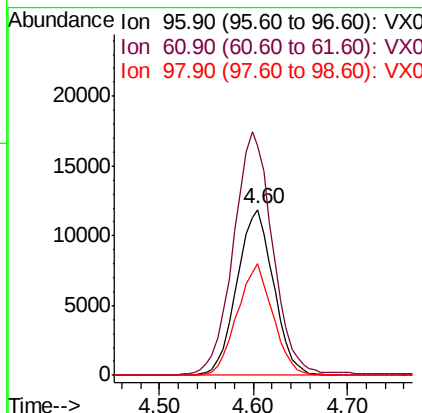
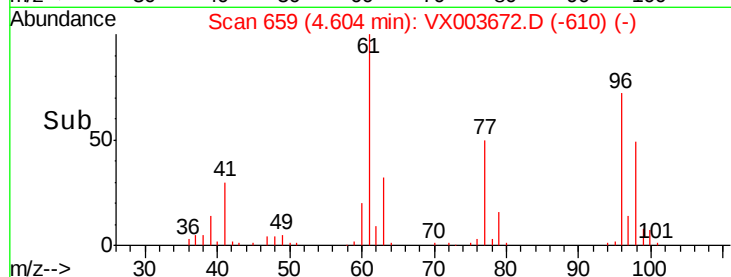
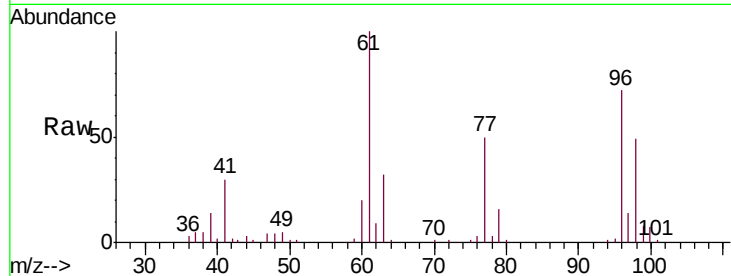
ClientSampleId :

VX0726WBS01

Tot Ion:	96	Resp:	32146
Ion	Ratio	Lower	Upper
96	100		
61	159.3	0.0	313.6
98	65.4	0.0	125.6

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#28

Bromochloromethane

Concen: 20.17 ug/l

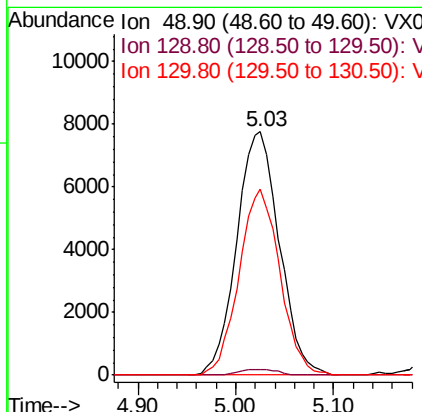
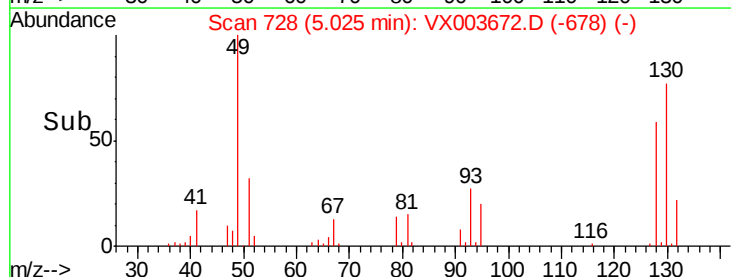
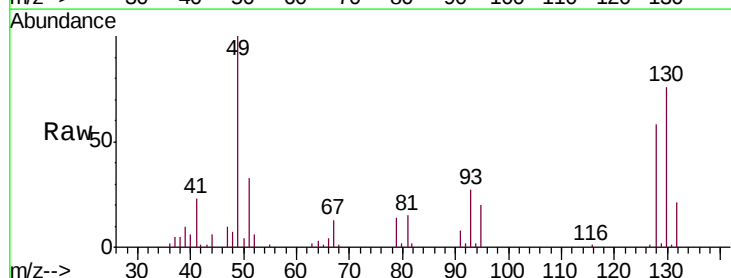
RT: 5.03 min Scan# 728

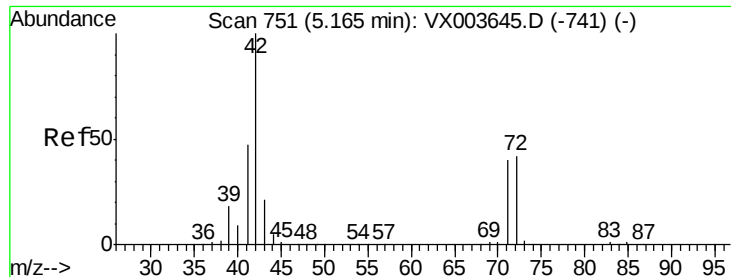
Delta R.T. 0.01 min

Lab File: VX003672.D

Acq: 26 Jul 2018 16:10

Tgt Ion:	49	Resp:	23453
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	73.3	61.0	91.6





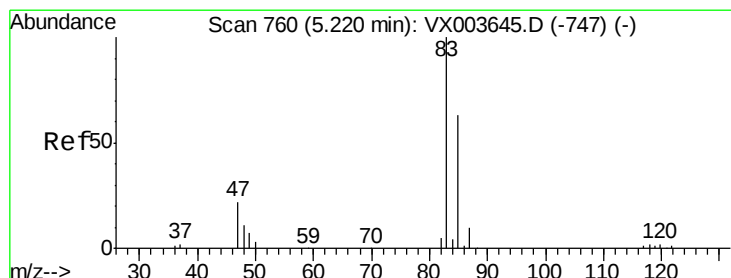
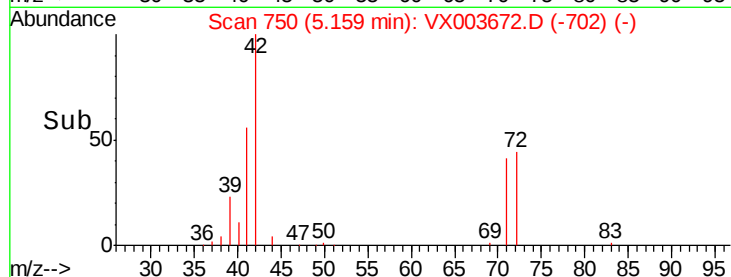
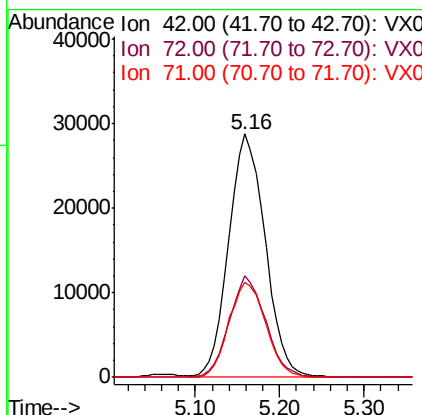
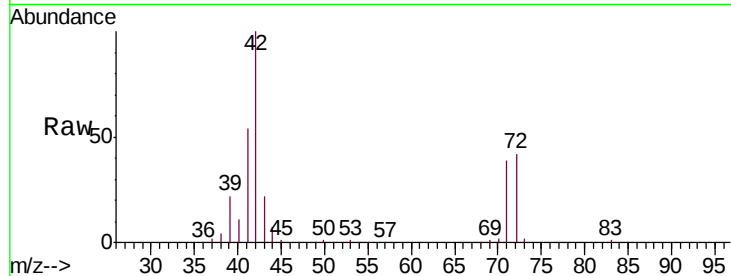
#29
Tetrahydrofuran
Concen: 103.55 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.4	33.4	50.0
71	39.6	31.0	46.6

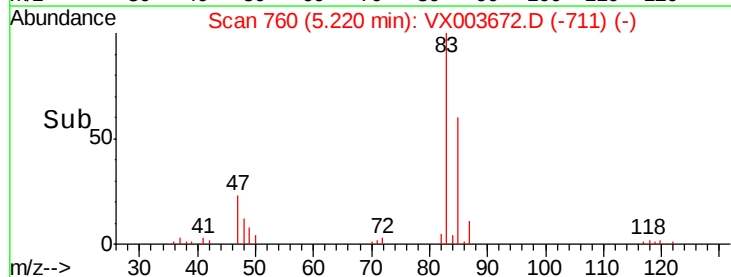
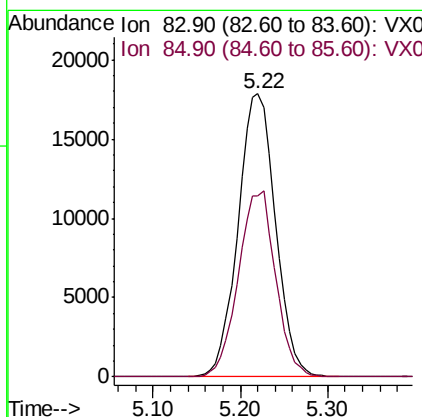
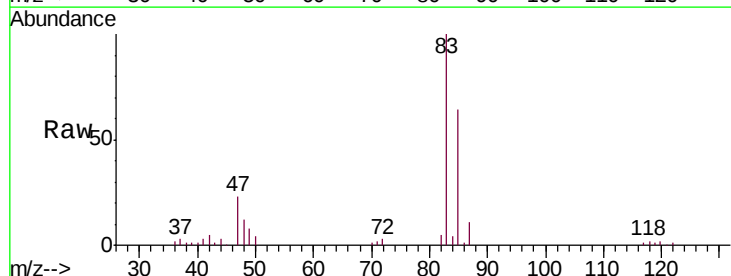
Manual Integrations
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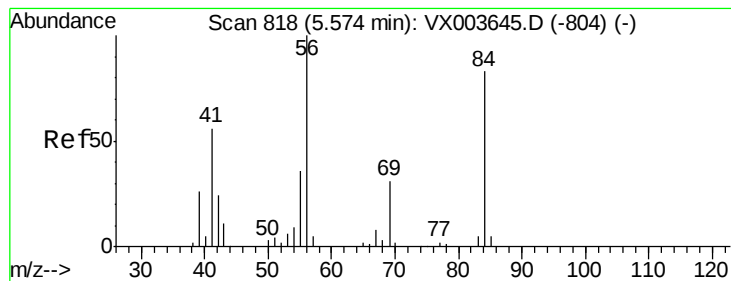
MMDadoda
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#30
Chloroform
Concen: 20.21 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.2	75.4





#31

Cyclohexane

Concen: 19.76 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX003672.D

Acq: 26 Jul 2018 16:10

Instrument :

MSVOA_X

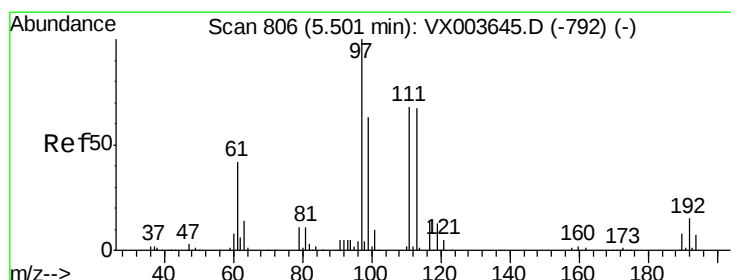
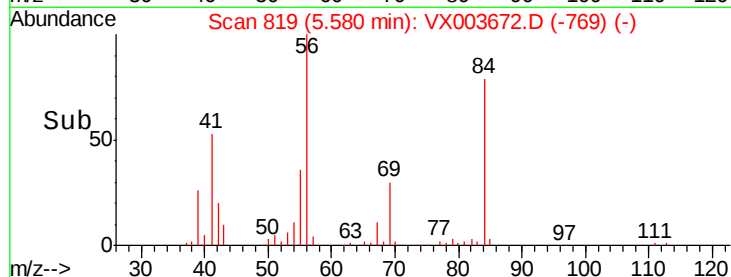
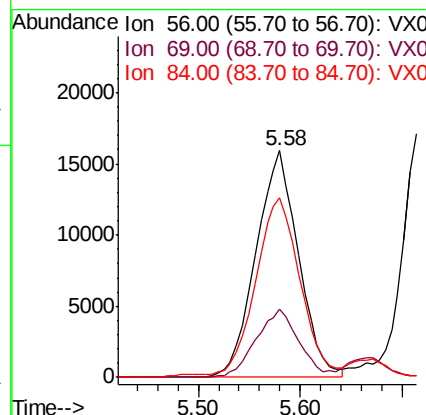
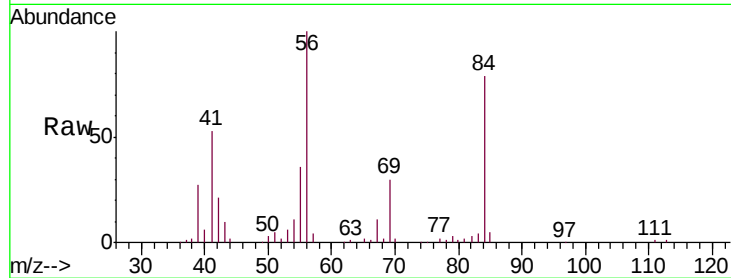
ClientSampled :

VX0726WBS01

Tot Ion:	56	Resp:	45961
Ion	Ratio	Lower	Upper
56	100		
69	29.8	25.0	37.6
84	77.8	66.5	99.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.75 ug/l

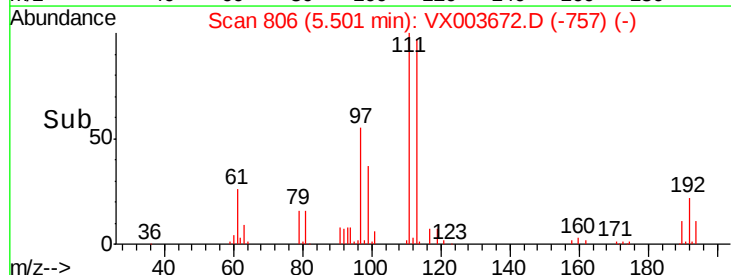
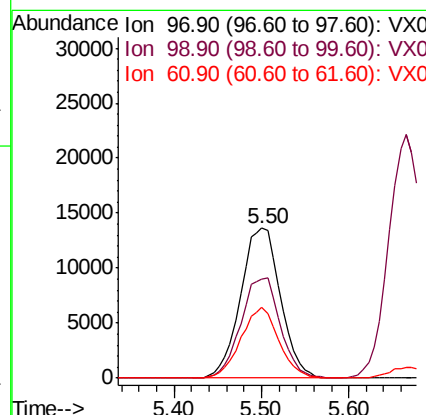
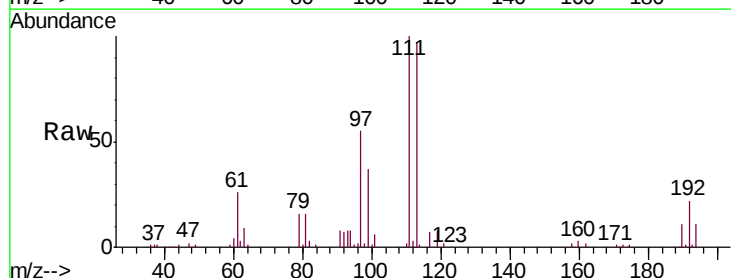
RT: 5.50 min Scan# 806

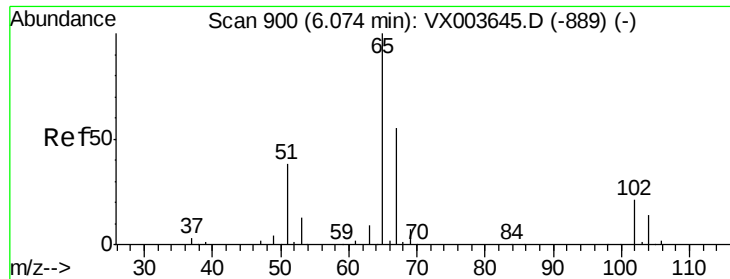
Delta R.T. 0.00 min

Lab File: VX003672.D

Acq: 26 Jul 2018 16:10

Tgt Ion:	97	Resp:	43102
Ion	Ratio	Lower	Upper
97	100		
99	66.1	50.4	75.6
61	44.8	34.5	51.7





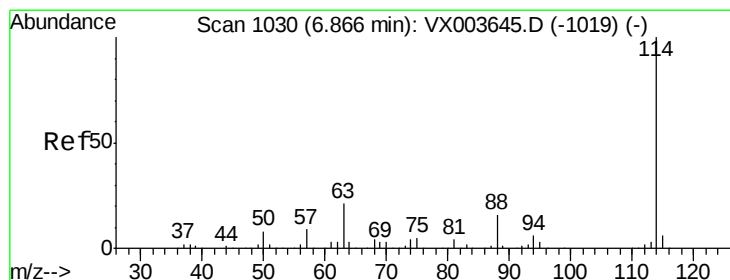
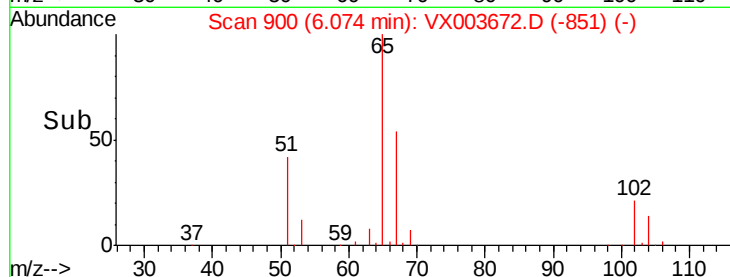
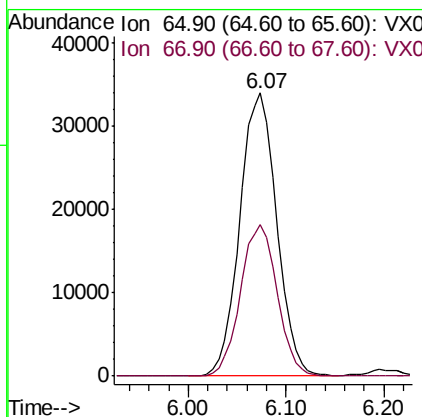
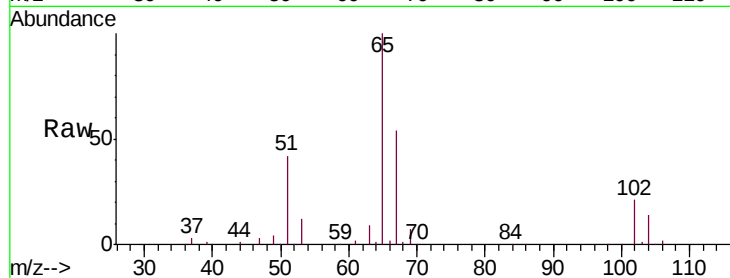
#33
 1,2-Dichloroethane-d4
 Concen: 51.51 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX003672.D
 Acq: 26 Jul 2018 16:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	107.8

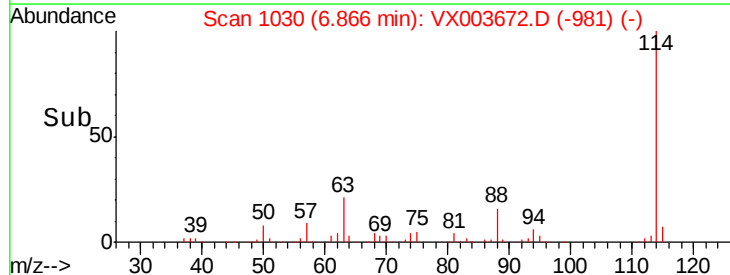
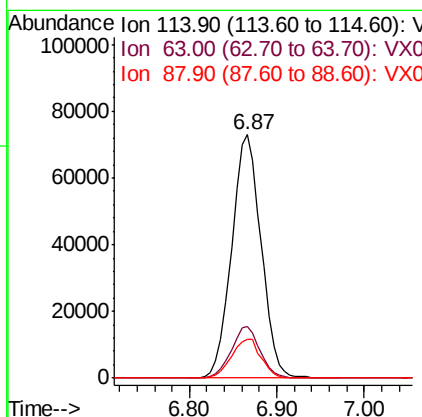
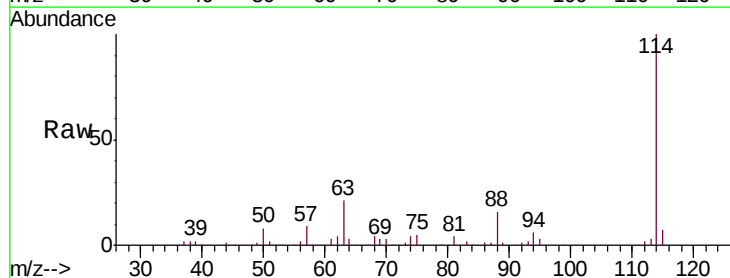
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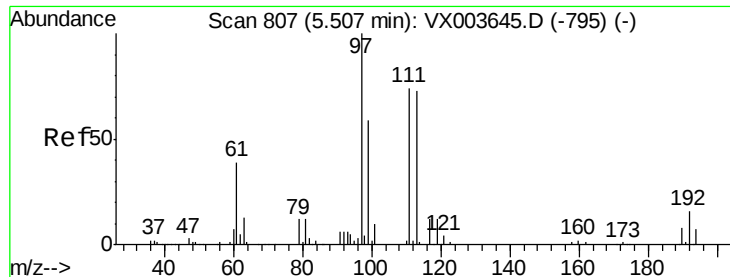
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003672.D
 Acq: 26 Jul 2018 16:10

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	41.0
88	16.0	0.0	31.8





#35

Dibromofluoromethane

Concen: 51.95 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003672.D

Acq: 26 Jul 2018 16:10

Instrument :

MSVOA_X

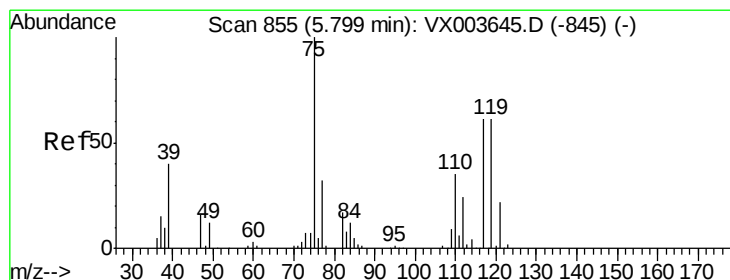
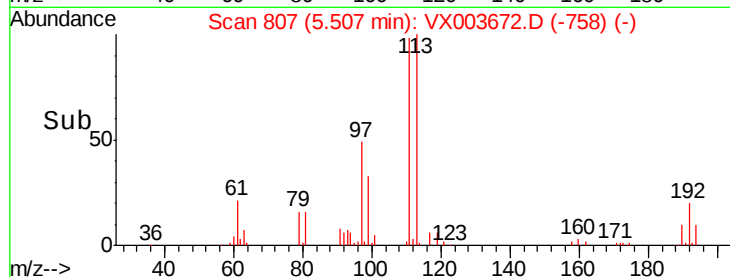
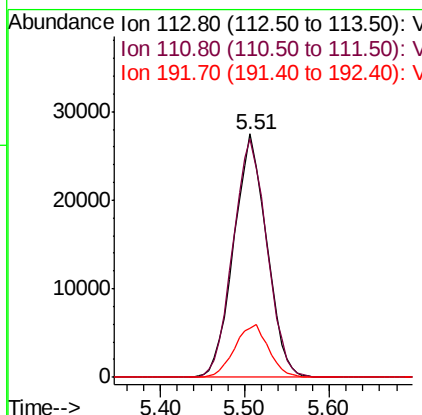
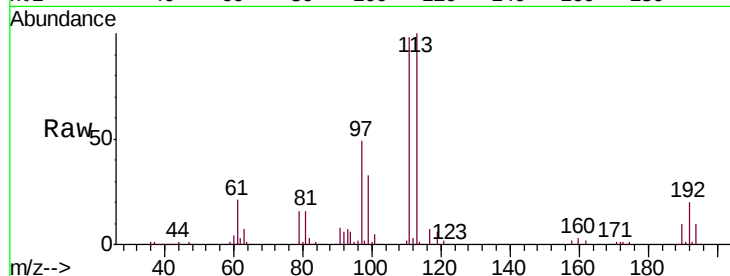
ClientSampleId :

VX0726WBS01

Tot Ion:	113	Resp:	72556
Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.2	121.8
192	22.2	18.2	27.4

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.78 ug/l

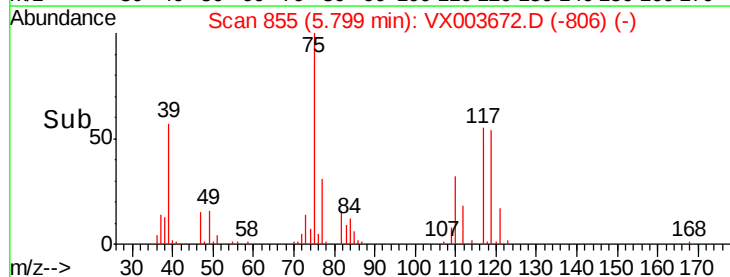
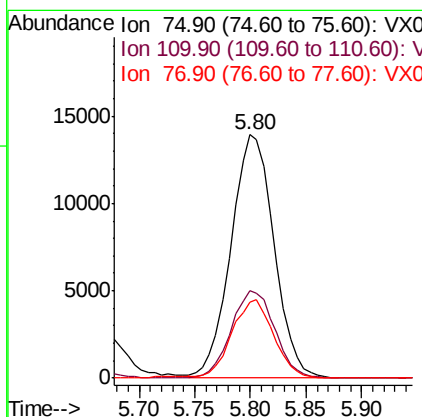
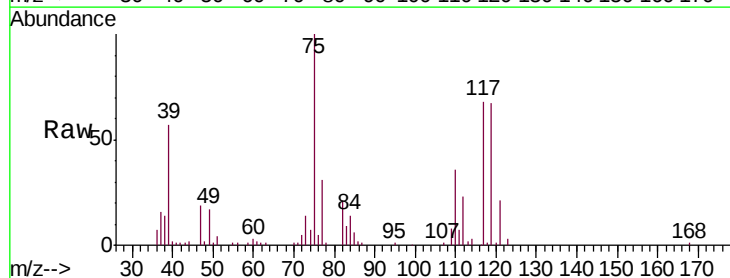
RT: 5.80 min Scan# 855

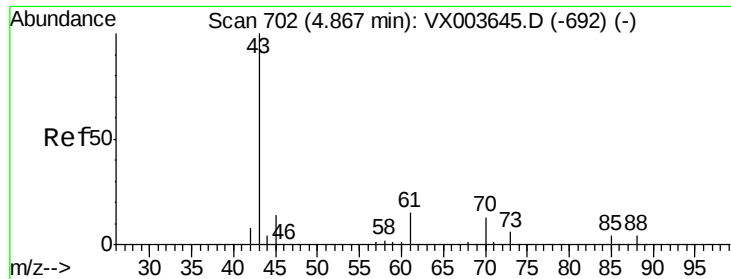
Delta R.T. 0.00 min

Lab File: VX003672.D

Acq: 26 Jul 2018 16:10

Tgt Ion:	75	Resp:	37495
Ion	Ratio	Lower	Upper
75	100		
110	36.1	18.1	54.1
77	31.4	25.1	37.7





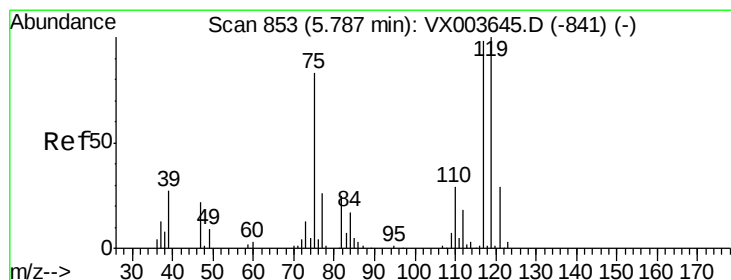
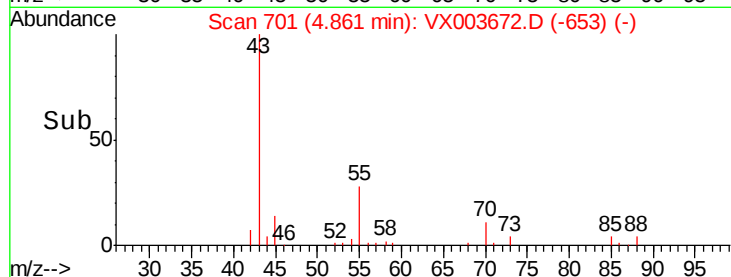
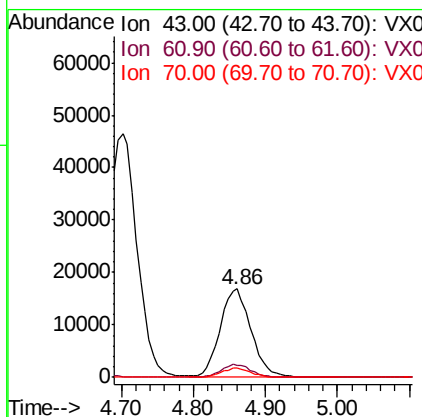
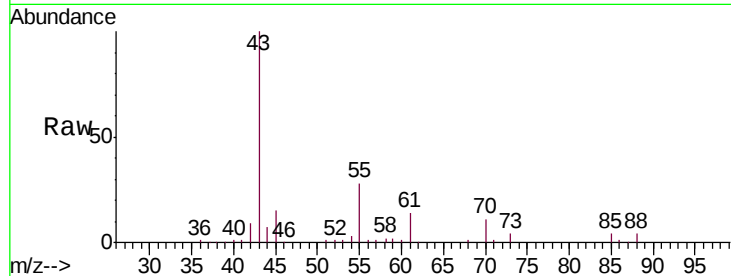
#37
Ethyl Acetate
Concen: 20.82 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.9	17.9
70	10.3	8.6	12.8

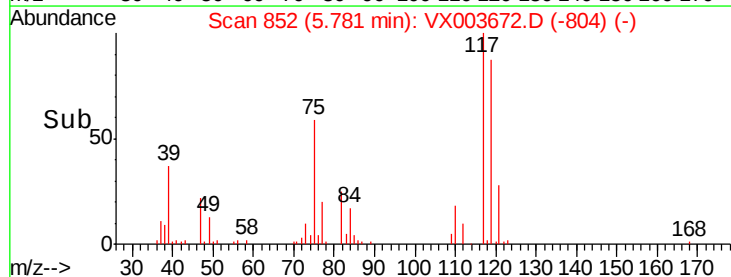
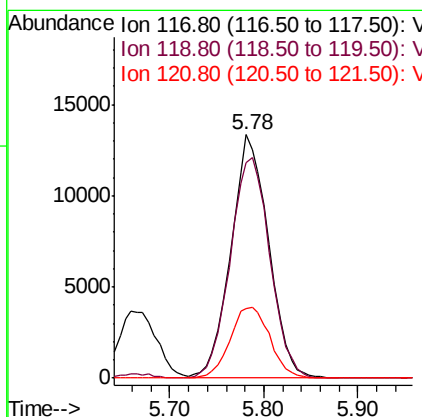
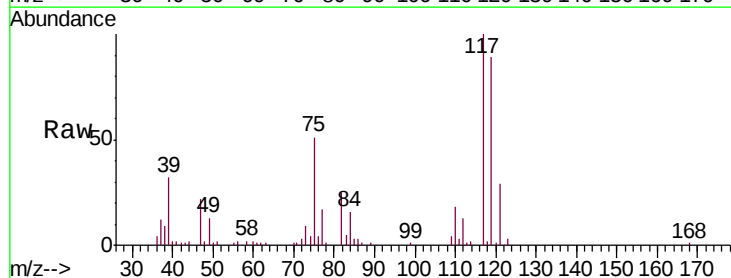
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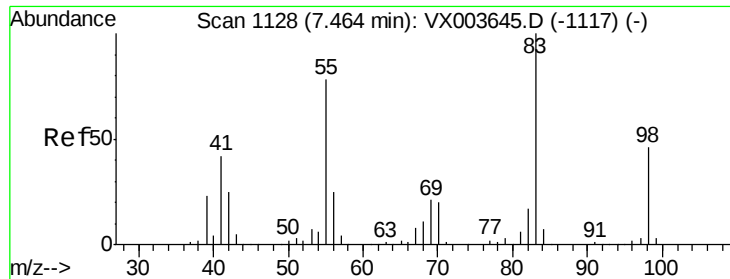
MMDadoda
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#38
Carbon Tetrachloride
Concen: 19.36 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.6	81.0	121.4
121	28.5	23.7	35.5





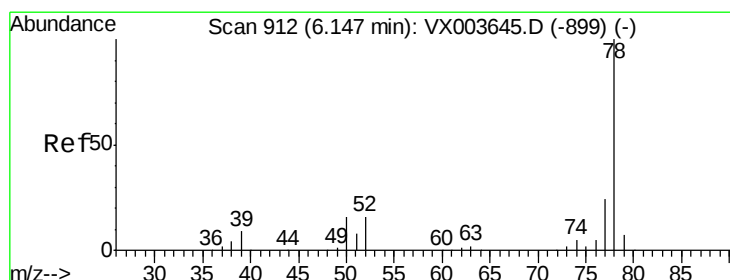
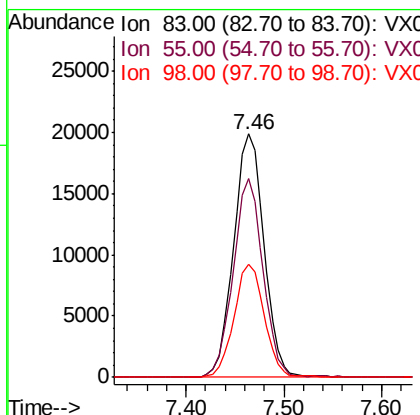
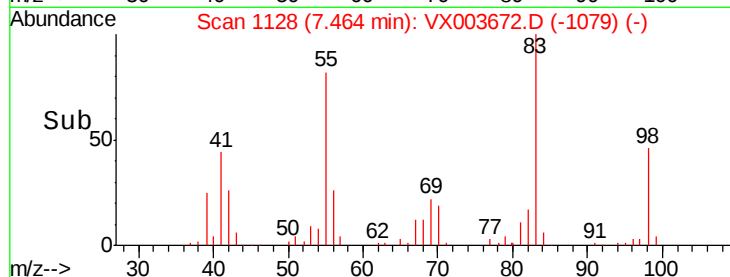
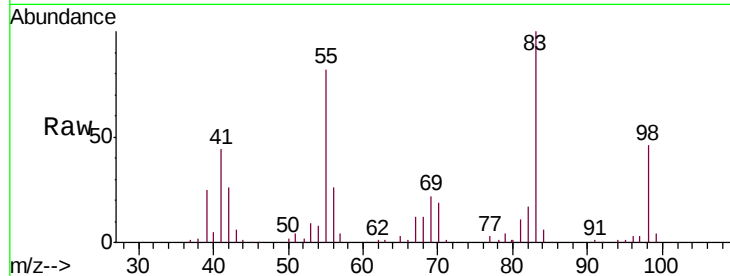
#39
Methvlcvclohexane
Concen: 19.57 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.8	62.6	93.8
98	46.4	36.6	55.0

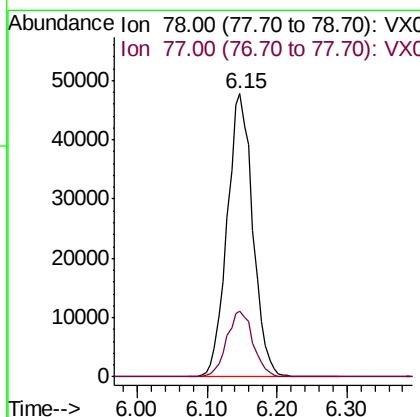
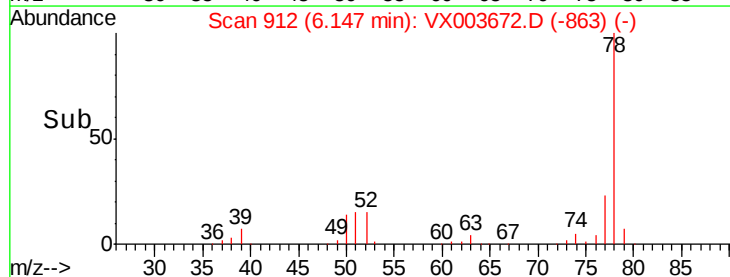
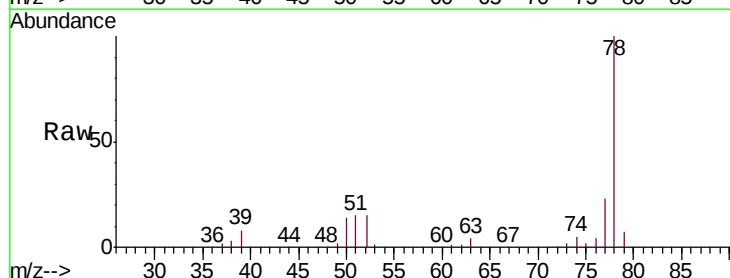
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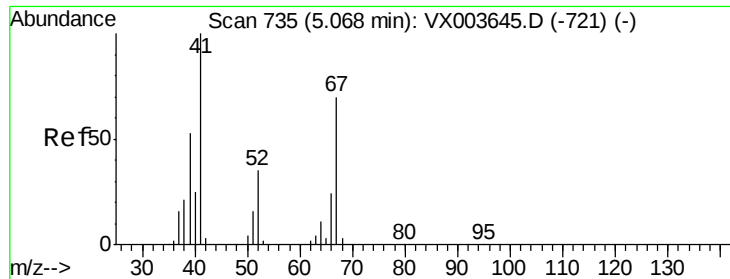
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#40
Benzene
Concen: 20.64 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.6





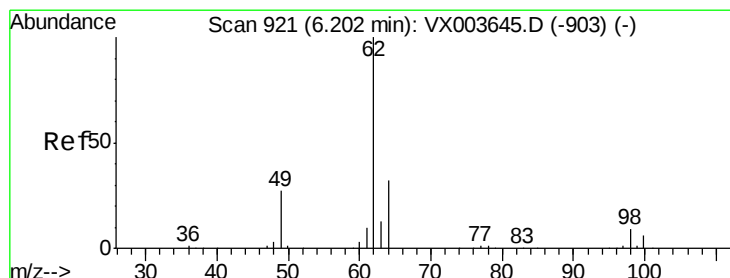
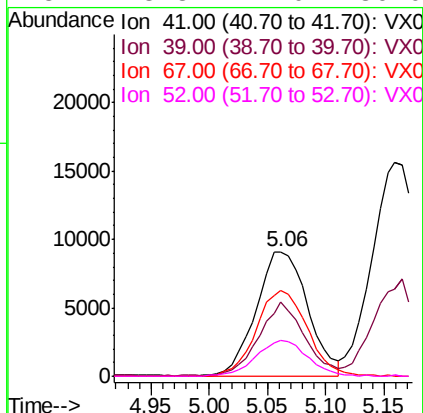
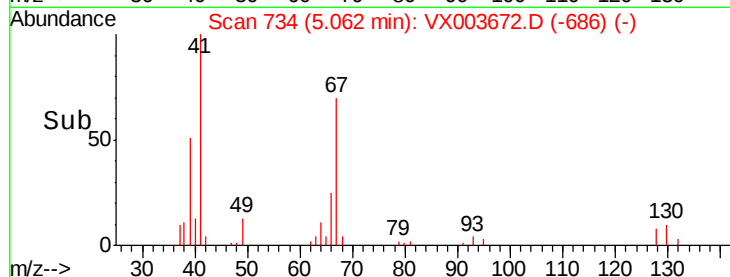
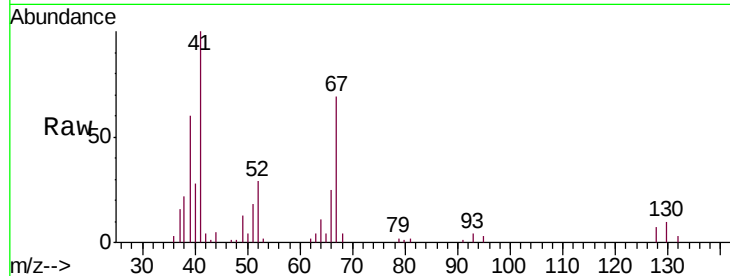
#41
Methacrylonitrile
Concen: 21.12 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Tot Ion	41	Resp	28080
Ion	Ratio	Lower	Upper
41	100		
39	52.6	42.2	63.4
67	67.8	56.6	84.8
52	28.8	24.0	36.0

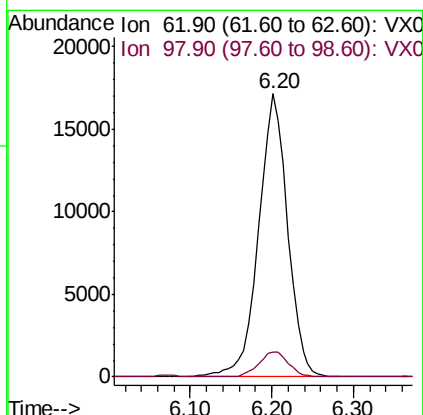
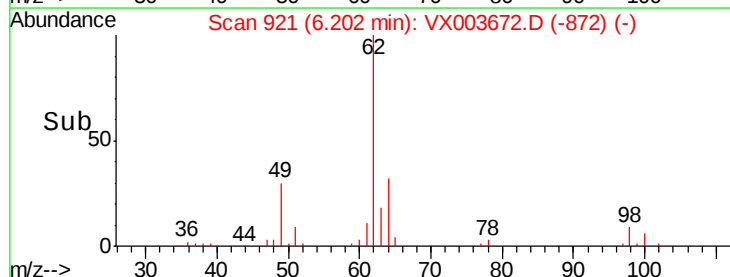
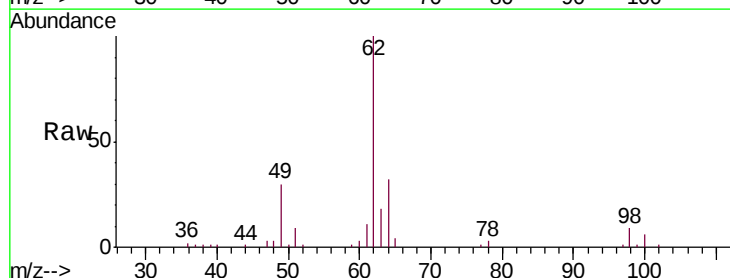
Manual Integrations
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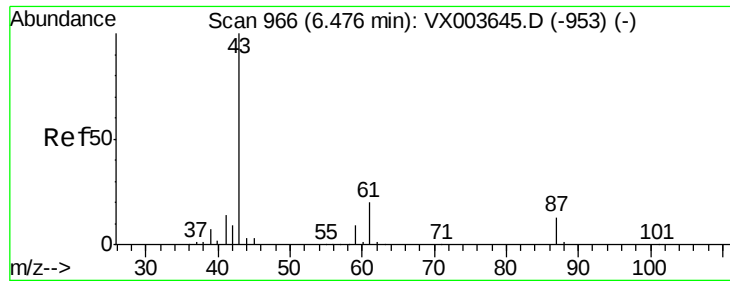
MMDadoda
7/27/2018 5:40:24 PM



#42
1,2-Dichloroethane
Concen: 20.38 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Tgt Ion	62	Resp	42377
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.4





#43

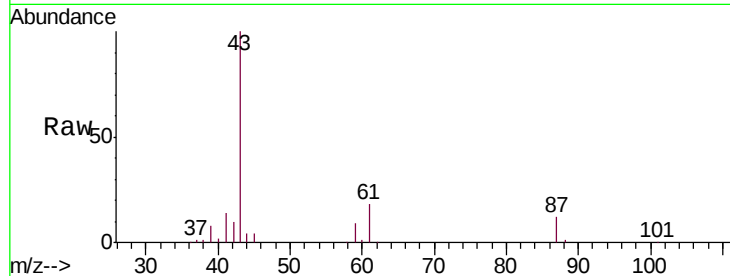
Isopropyl Acetate
 Concen: 19.65 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX003672.D
 Acq: 26 Jul 2018 16:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS01

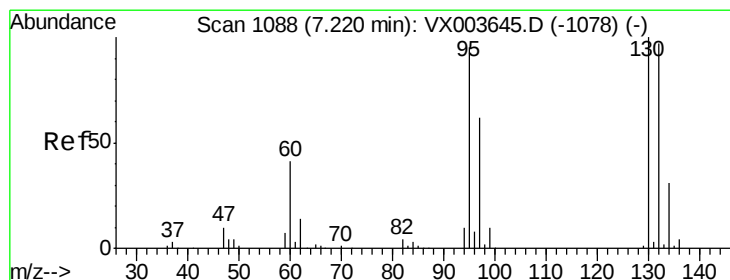
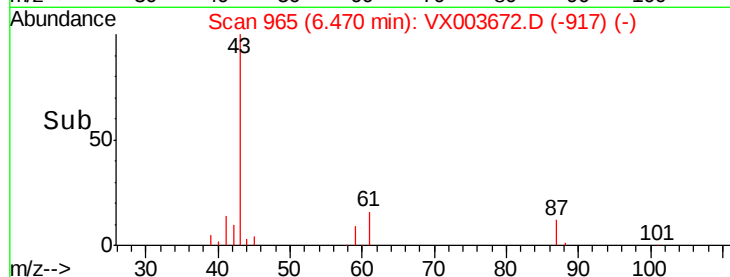
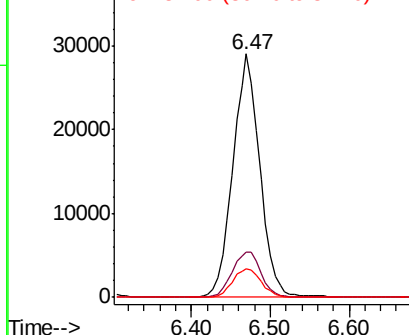
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	15.9	23.9
87	12.5	10.1	15.1

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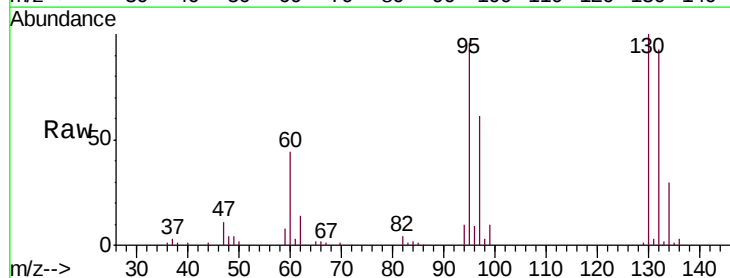
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



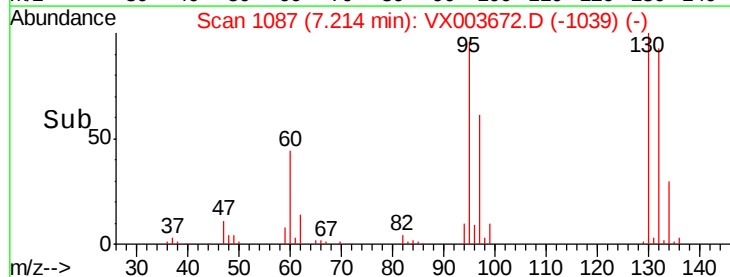
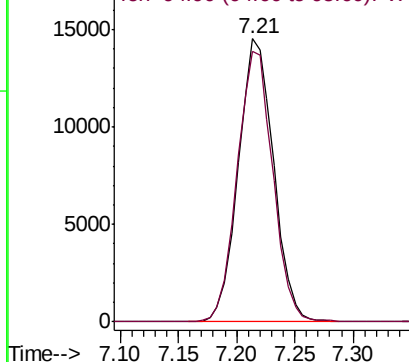
#44

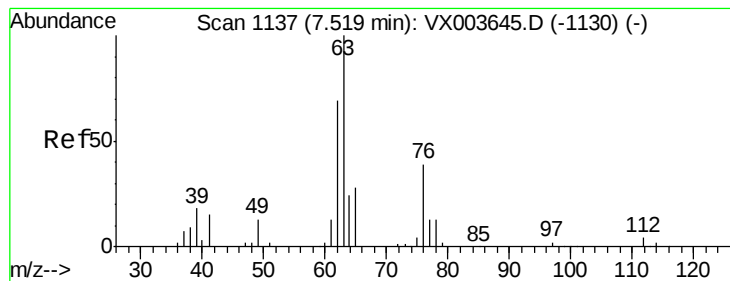
Trichloroethene
 Concen: 19.30 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX003672.D
 Acq: 26 Jul 2018 16:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	190.0



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





#45

1,2-Dichloropropane

Concen: 20.08 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003672.D

Acq: 26 Jul 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS01

Tot Ion: 63 Resp: 30671

Ion Ratio Lower Upper

63 100

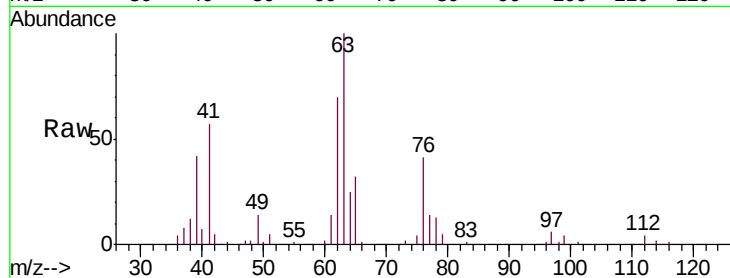
65 32.0 24.0 36.0

Manual Integrations

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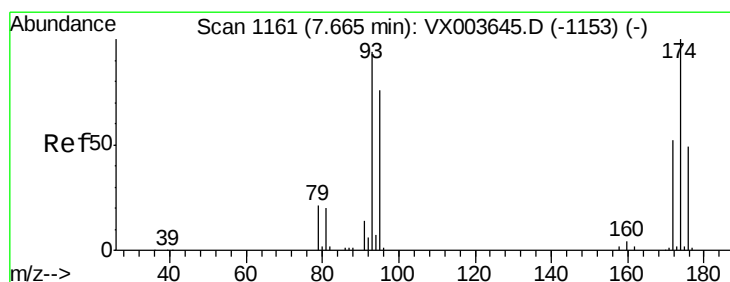
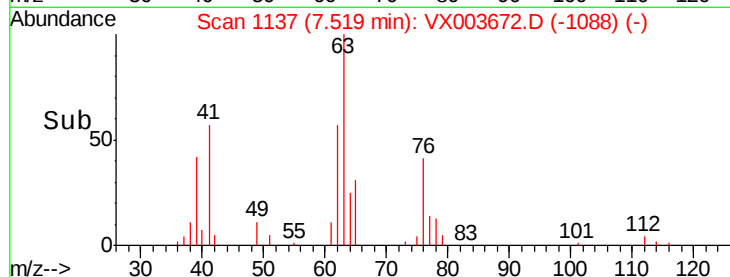
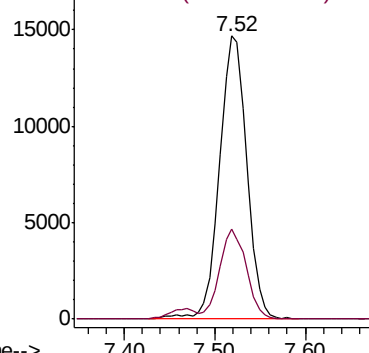
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.90 ug/l

RT: 7.66 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003672.D

Acq: 26 Jul 2018 16:10

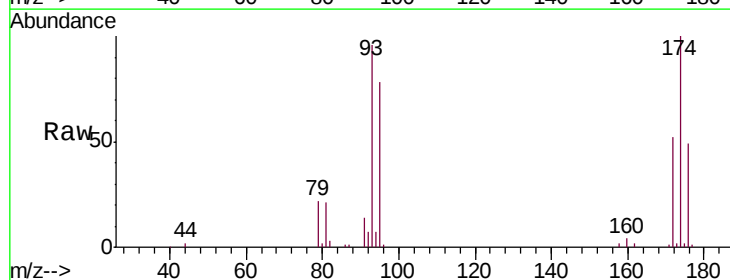
Tgt Ion: 93 Resp: 19523

Ion Ratio Lower Upper

93 100

95 84.2 67.0 100.6

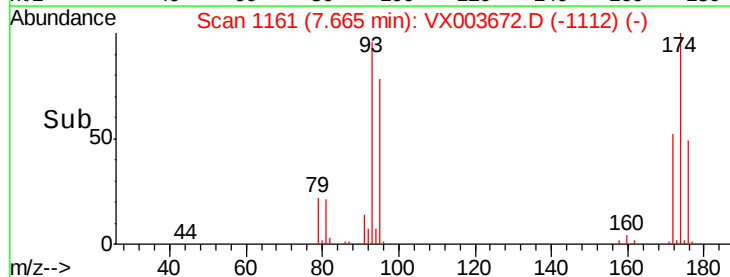
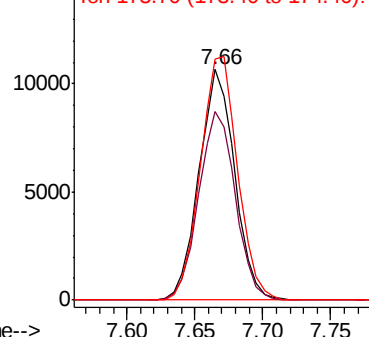
174 110.0 89.6 134.4

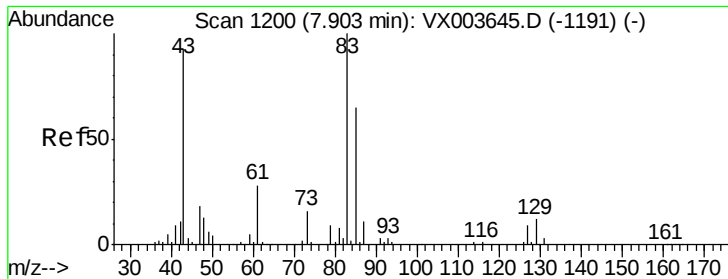


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.34 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003672.D

Acq: 26 Jul 2018 16:10

Instrument :

MSVOA_X

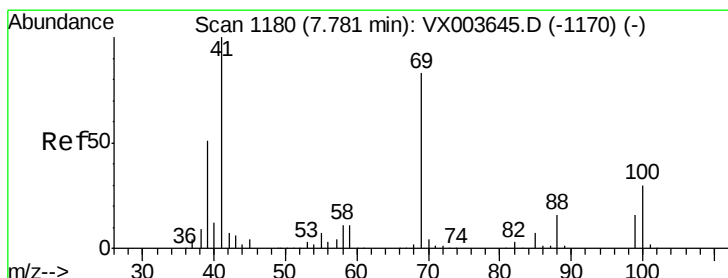
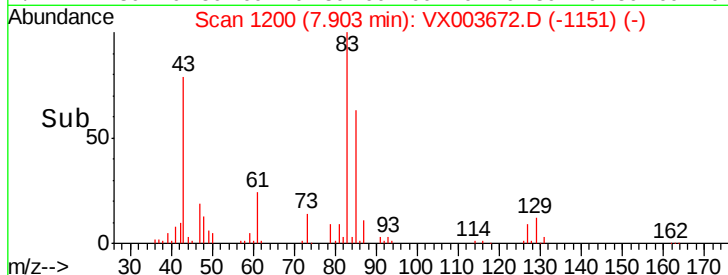
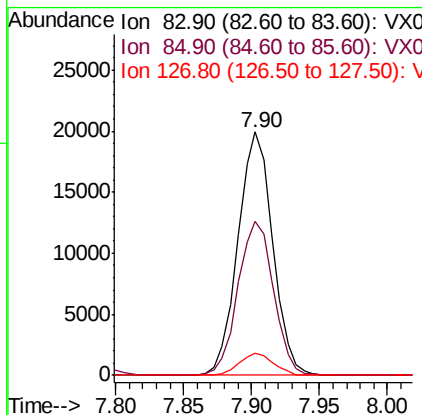
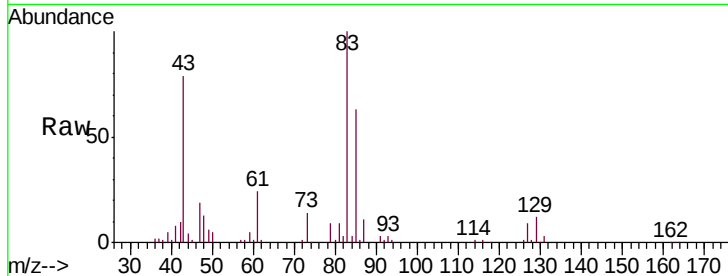
ClientSampleId :

VX0726WBS01

Tot Ion:	83	Resp:	35588
Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.8	77.6
127	9.0	7.0	10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.66 ug/l

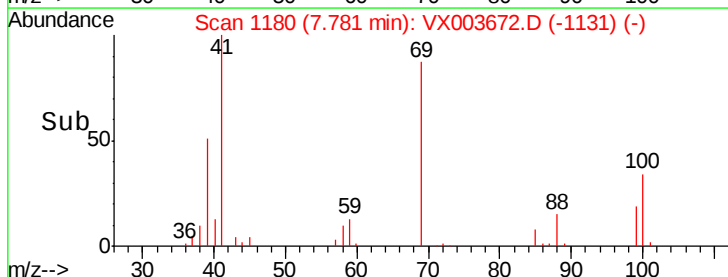
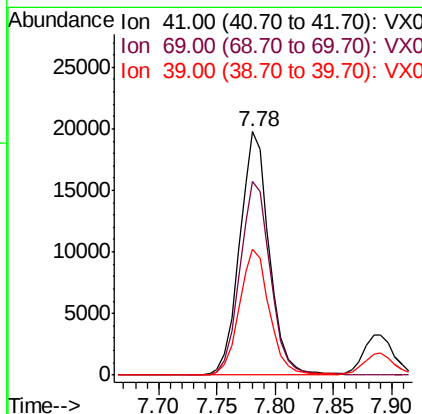
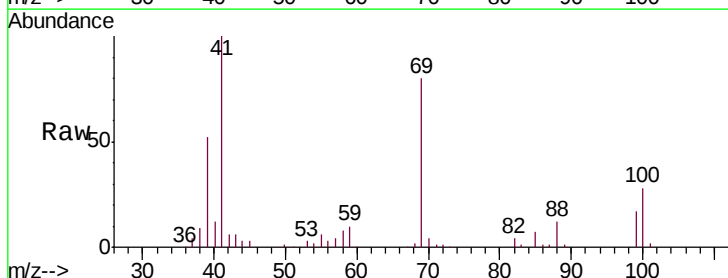
RT: 7.78 min Scan# 1180

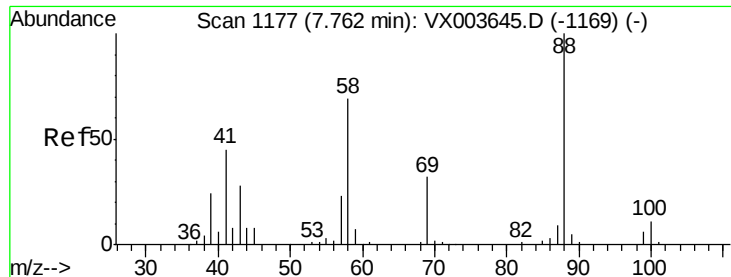
Delta R.T. 0.00 min

Lab File: VX003672.D

Acq: 26 Jul 2018 16:10

Tgt Ion:	41	Resp:	34943
Ion	Ratio	Lower	Upper
41	100		
69	82.0	66.9	100.3
39	53.1	41.2	61.8





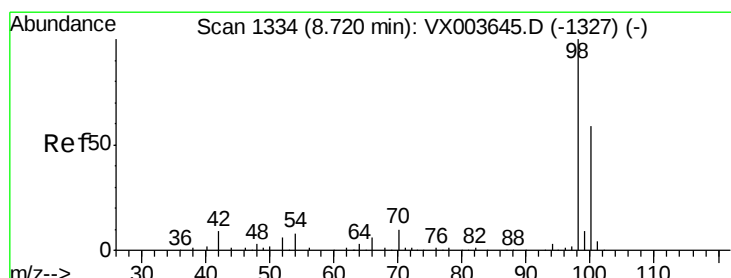
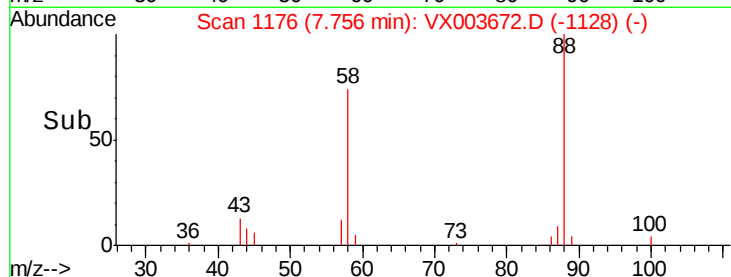
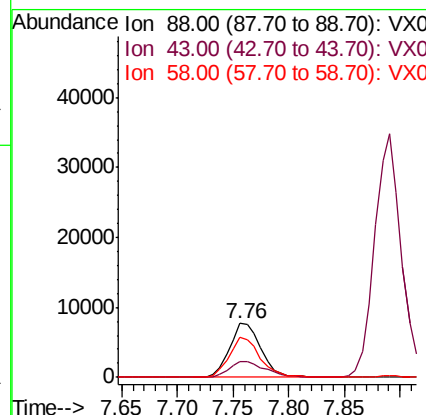
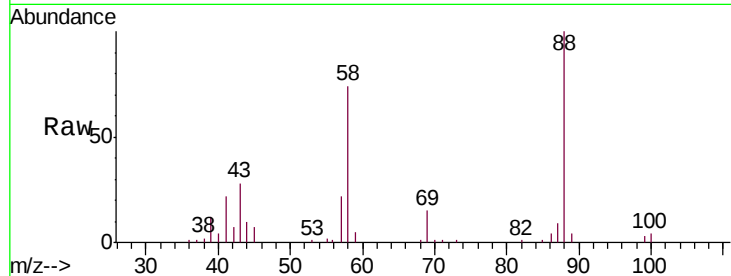
#49
1,4-Dioxane
Concen: 382.67 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.01 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.8	25.8	38.6
58	73.1	58.3	87.5

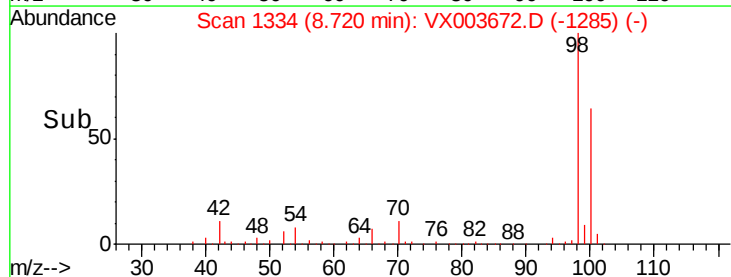
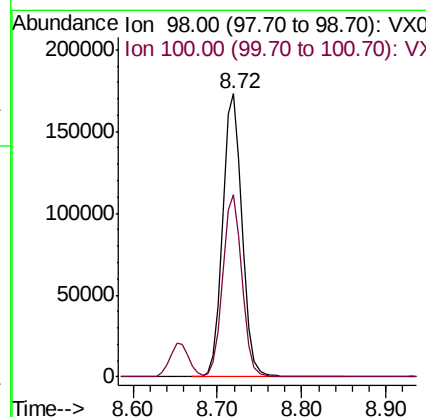
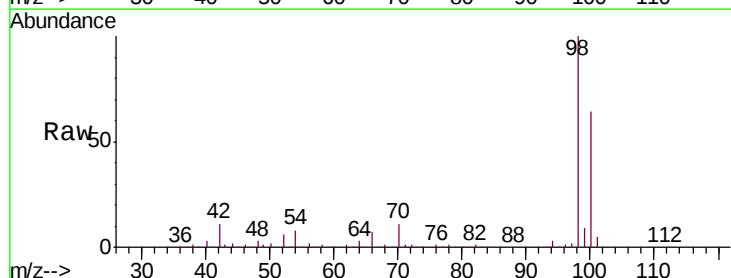
Manual Integrations
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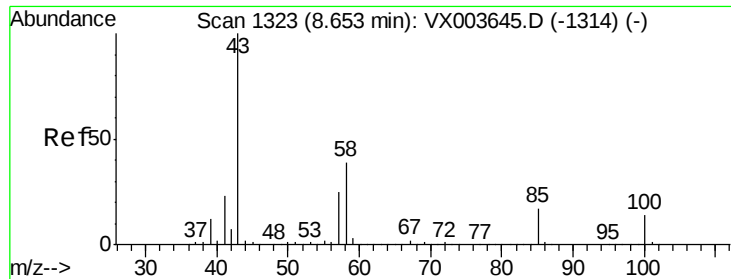
MMDadoda
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#50
Toluene-d8
Concen: 51.75 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 97.24 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003672.D

Acq: 26 Jul 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS01

Tot Ion: 43 Resp: 229821

Ion Ratio Lower Upper

43 100

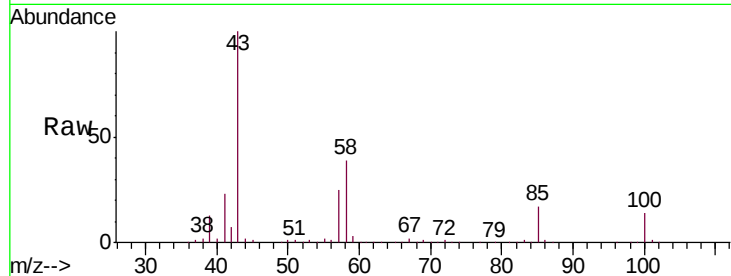
58 38.6 31.5 47.3

Manual Integrations

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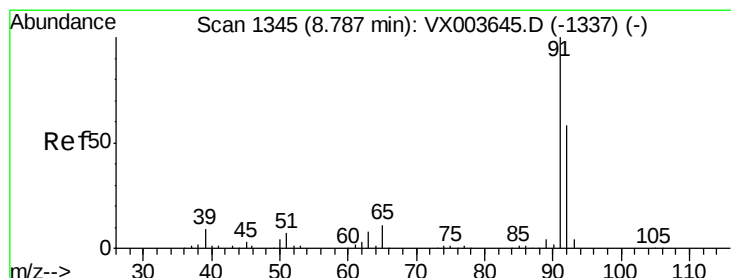
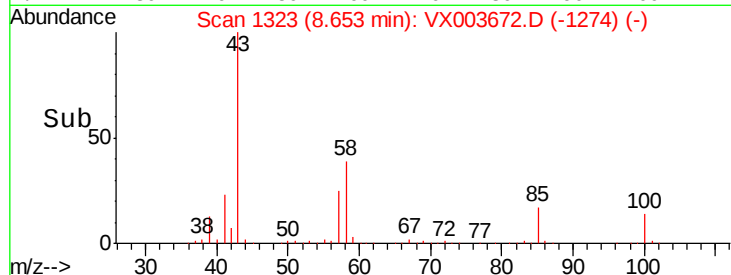
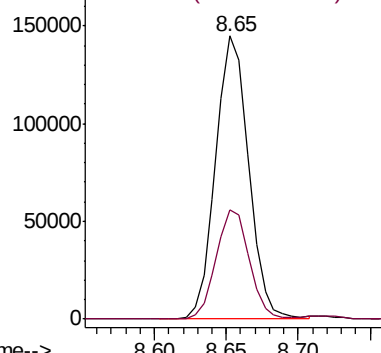
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.94 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003672.D

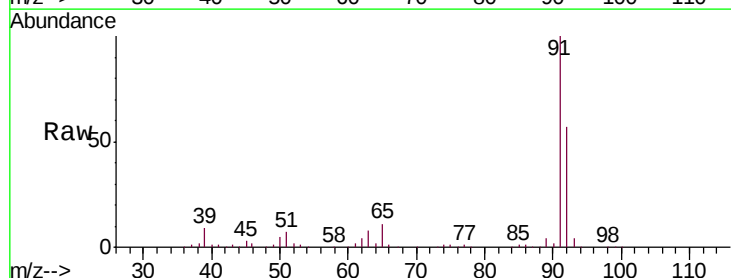
Acq: 26 Jul 2018 16:10

Tgt Ion: 92 Resp: 73233

Ion Ratio Lower Upper

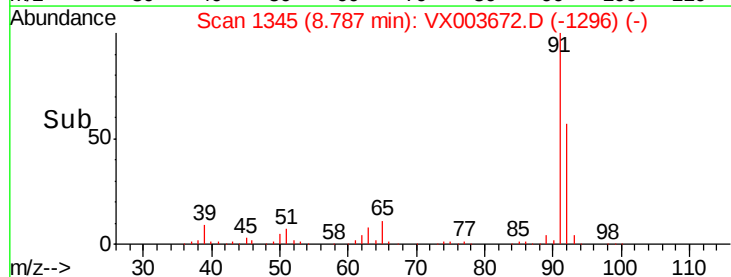
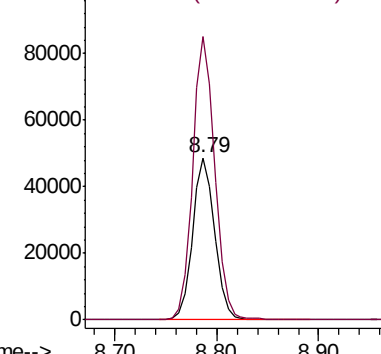
92 100

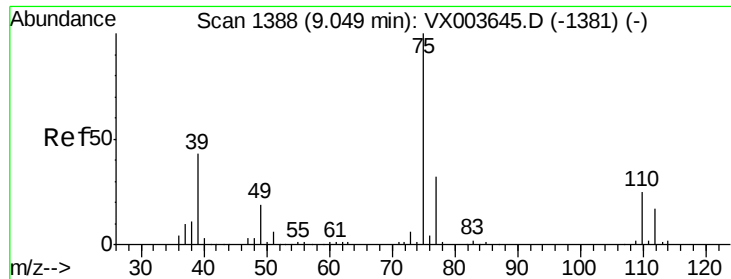
91 174.8 139.0 208.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





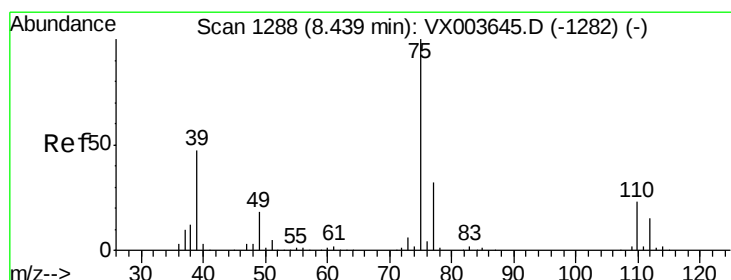
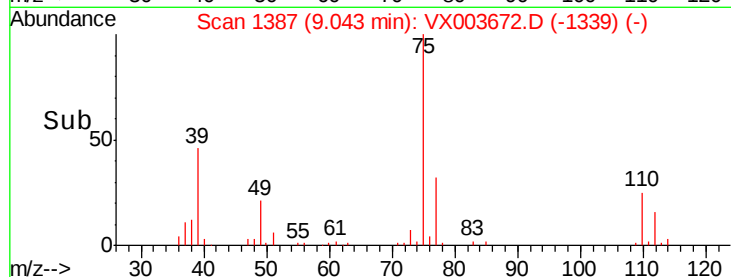
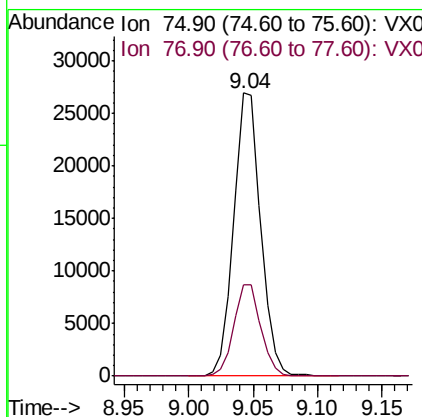
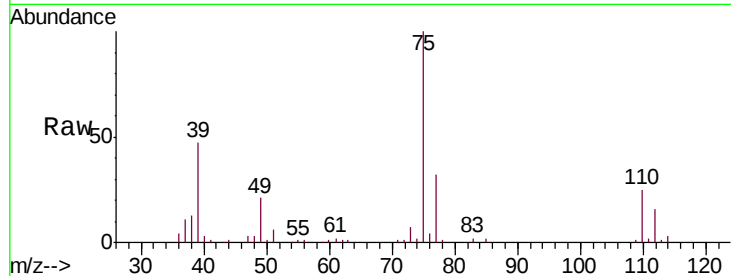
#53
 t-1,3-Dichloropropene
 Concen: 19.36 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX003672.D
 Acq: 26 Jul 2018 16:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS01

Tot Ion: 75 Resp: 39445
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.8 38.6

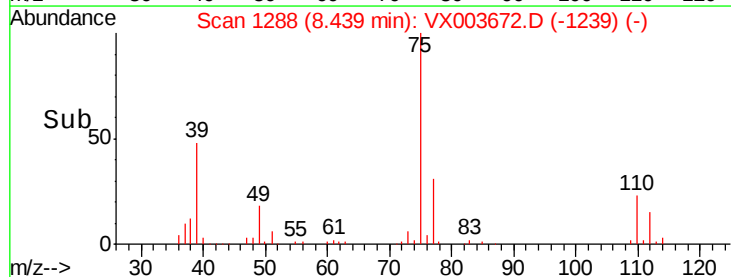
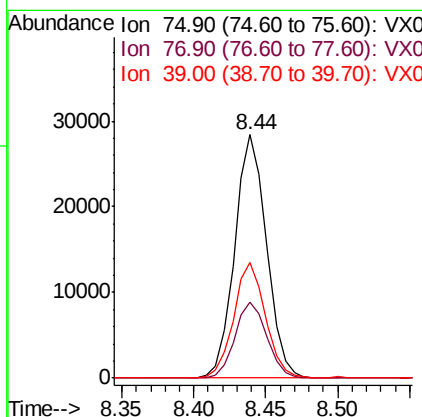
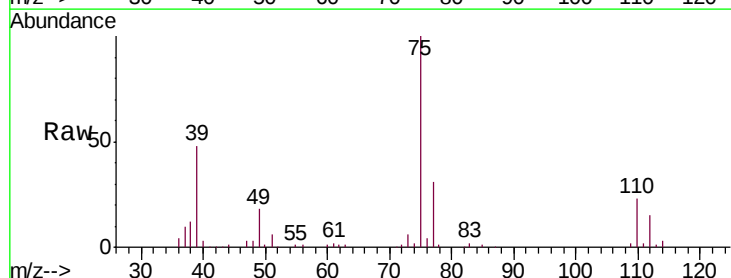
Manual Integrations
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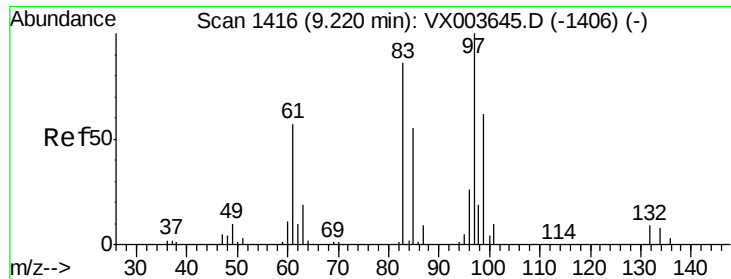
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 7/27/2018 5:40:24 PM



#54
 cis-1,3-Dichloropropene
 Concen: 19.47 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003672.D
 Acq: 26 Jul 2018 16:10

Tgt Ion: 75 Resp: 43636
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.2 37.8
 39 47.6 38.0 57.0





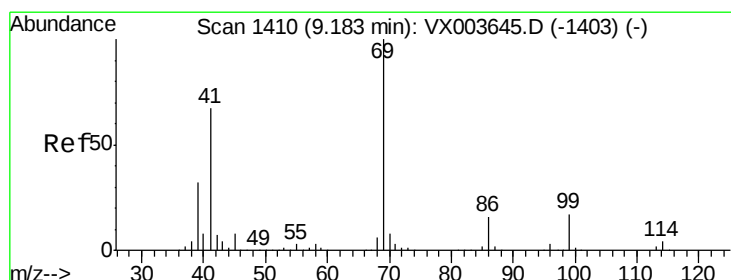
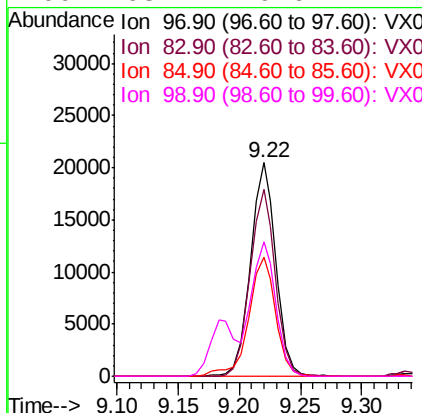
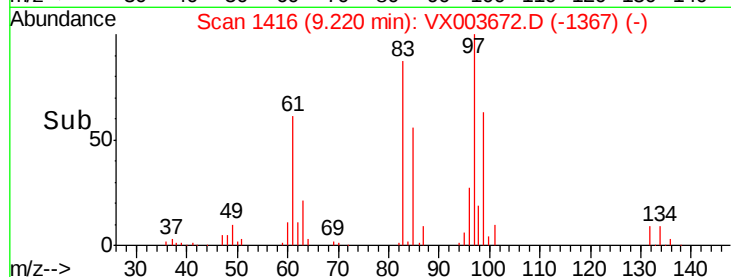
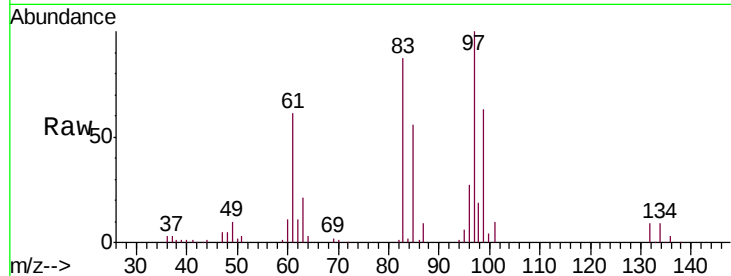
#55
 1,1,2-Trichloroethane
 Concen: 19.70 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003672.D
 Acq: 26 Jul 2018 16:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		29578		
83	87.3	68.7	103.1		
85	55.9	43.7	65.5		
99	63.1	49.6	74.4		

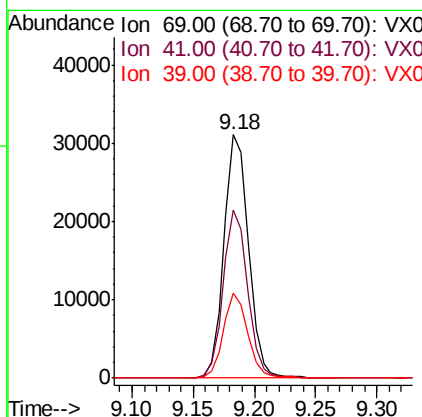
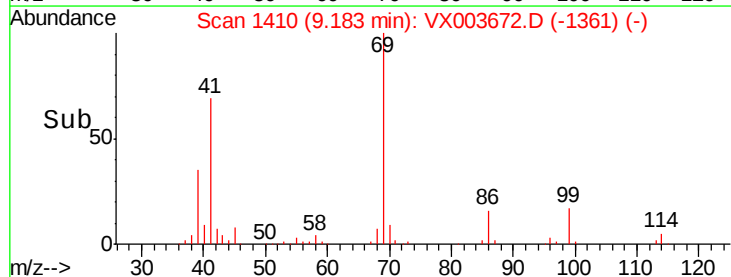
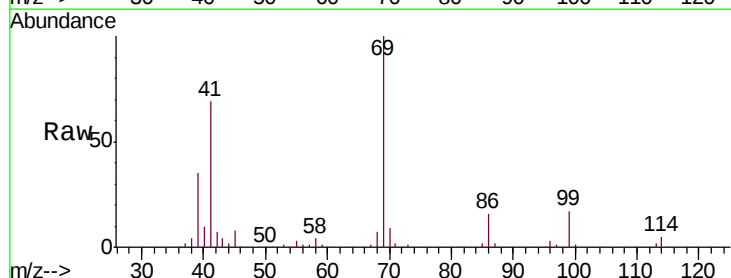
Manual Integrations
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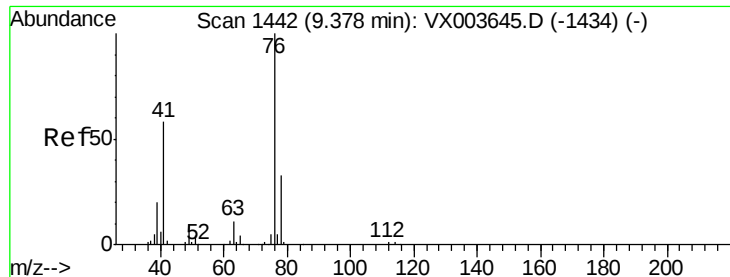
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#56
 Ethyl methacrylate
 Concen: 19.38 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003672.D
 Acq: 26 Jul 2018 16:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		43304		
41	69.1	53.8	80.6		
39	34.8	25.8	38.8		





#57

1,3-Dichloropropane

Concen: 19.91 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VX003672.D

Acq: 26 Jul 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS01

Tot Ion: 76 Resp: 50183

Ion Ratio Lower Upper

76 100

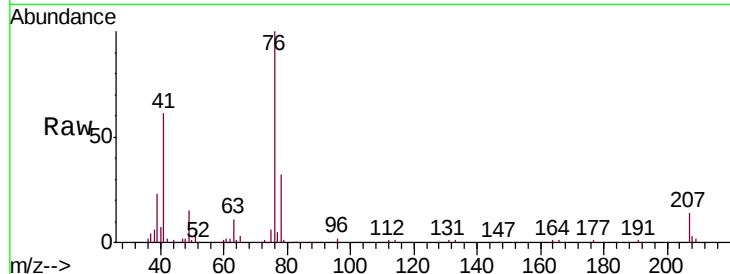
78 31.9 25.6 38.4

Manual Integrations

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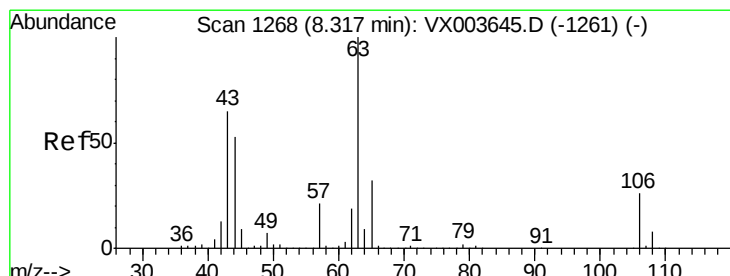
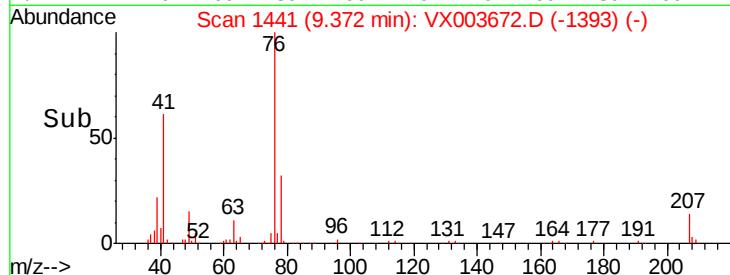
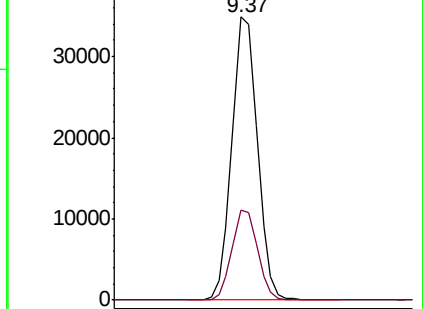
MMDadoda

7/27/2018 5:40:24 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: 103.21 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003672.D

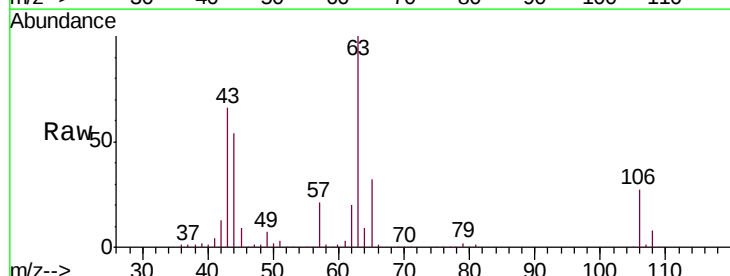
Acq: 26 Jul 2018 16:10

Tgt Ion: 63 Resp: 115876

Ion Ratio Lower Upper

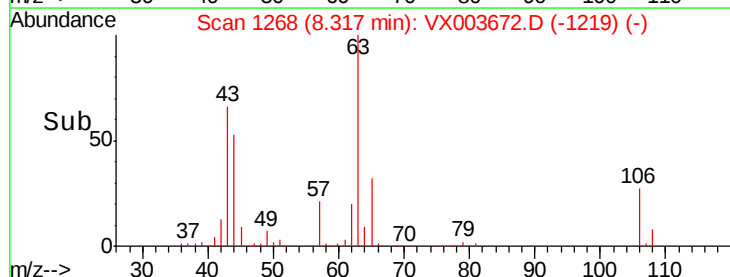
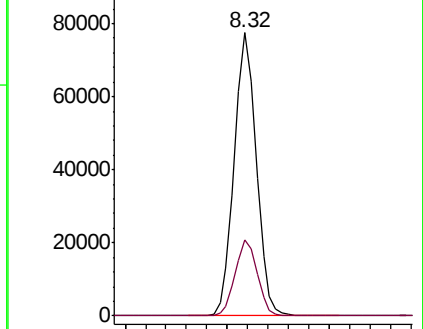
63 100

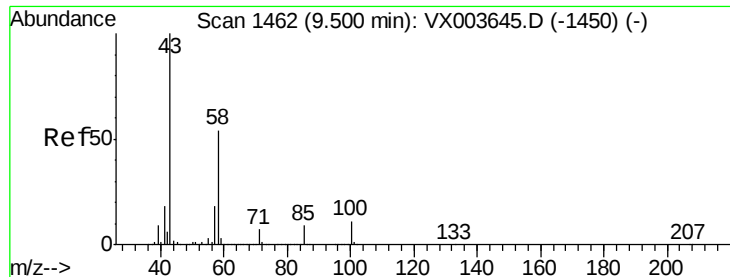
106 26.9 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





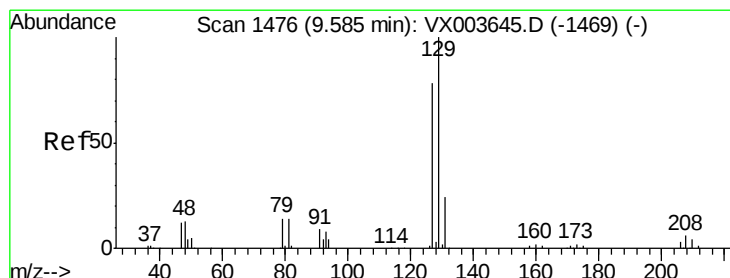
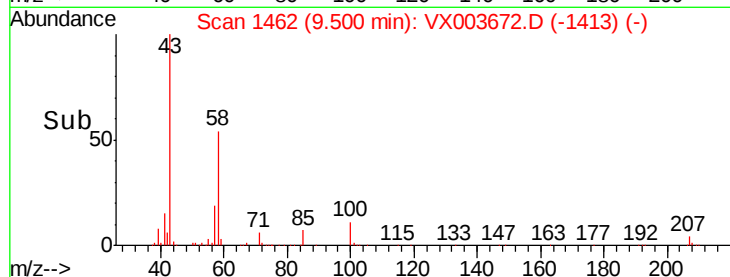
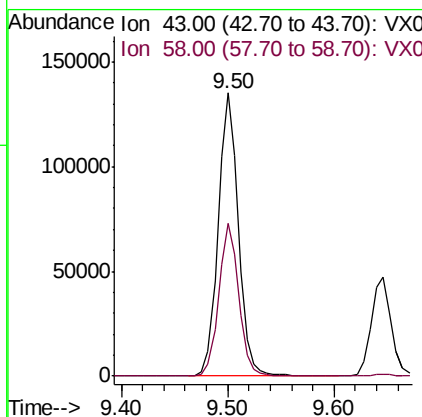
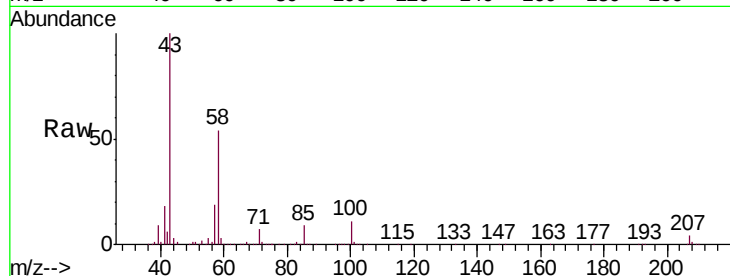
#59
2-Hexanone
Concen: 98.11 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Tot Ion: 43 Resp: 177867
Ion Ratio Lower Upper
43 100
58 53.5 27.3 81.9

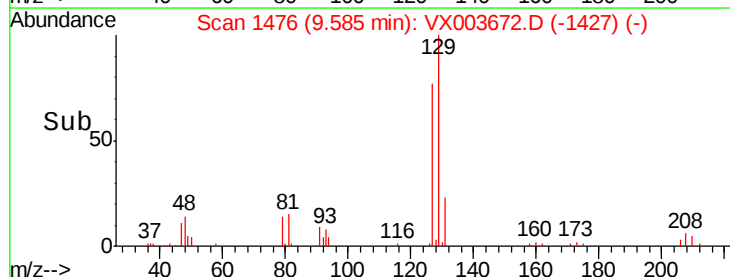
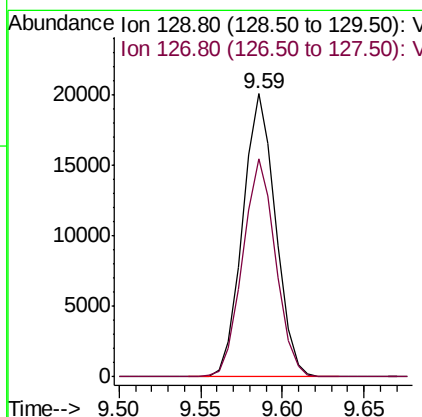
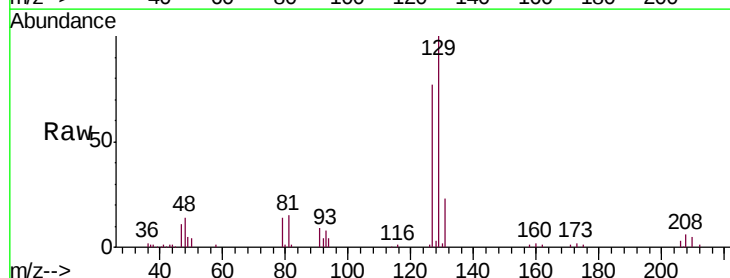
Manual Integrations
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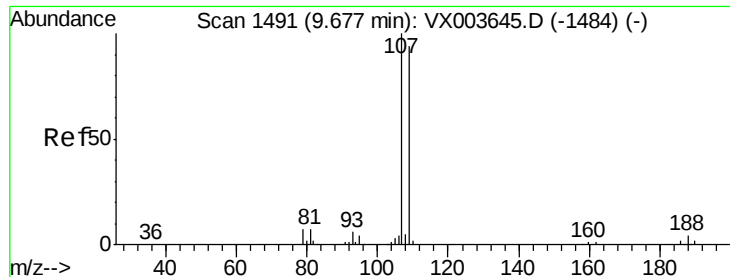
MMDadoda
7/27/2018 5:40:24 PM



#60
Dibromochloromethane
Concen: 19.76 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Tgt Ion:129 Resp: 28135
Ion Ratio Lower Upper
129 100
127 77.1 38.7 116.1





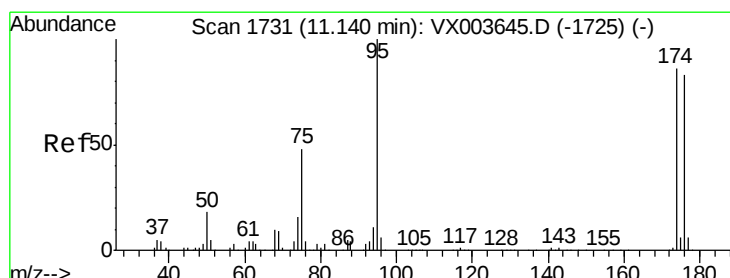
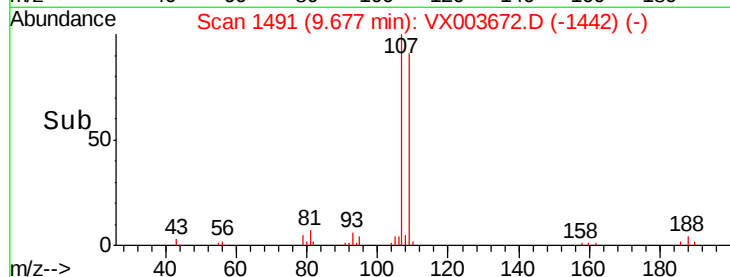
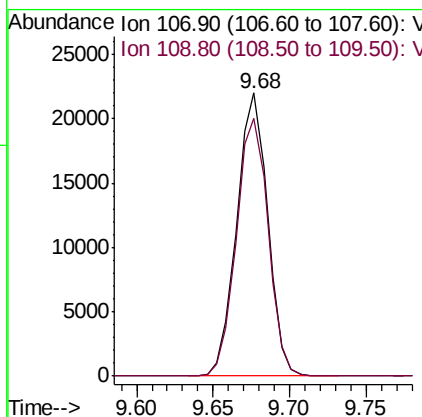
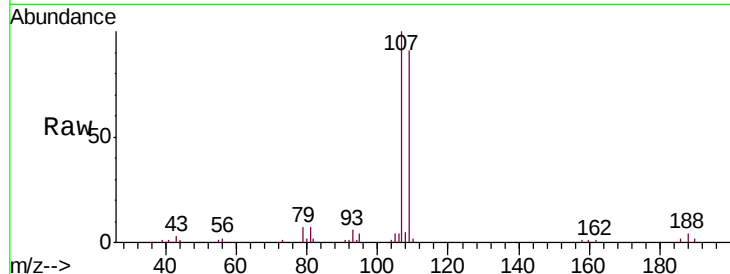
#61
 1,2-Dibromoethane
 Concen: 19.72 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX003672.D
 Acq: 26 Jul 2018 16:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS01

Tot Ion:107 Resp: 30835
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.4 113.2

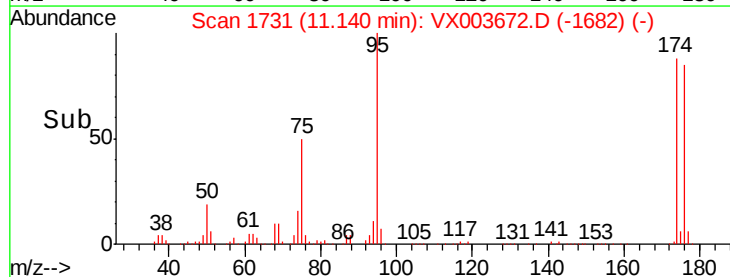
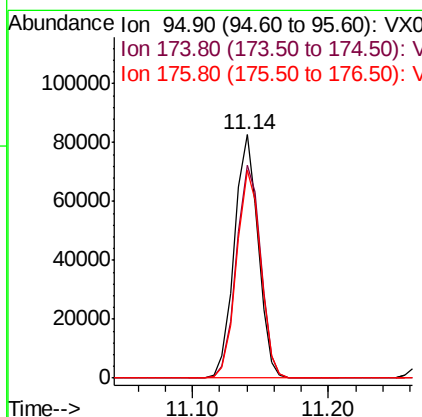
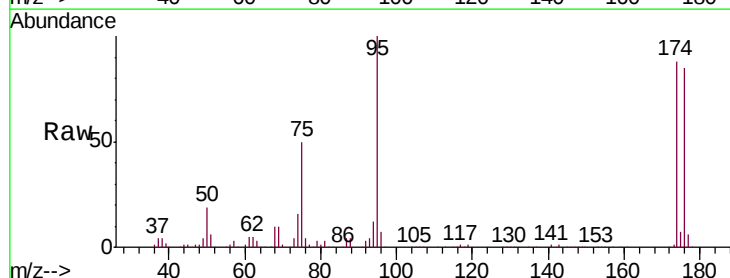
Manual Integrations
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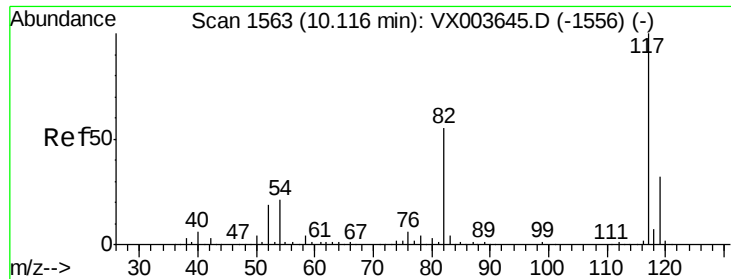
MMDadoda
 7/27/2018 5:40:24 PM



#62
 4-Bromofluorobenzene
 Concen: 51.66 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003672.D
 Acq: 26 Jul 2018 16:10

Tgt Ion: 95 Resp: 100425
 Ion Ratio Lower Upper
 95 100
 174 90.3 0.0 179.0
 176 86.8 0.0 173.0





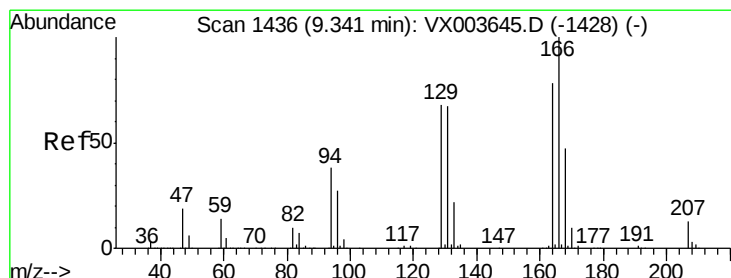
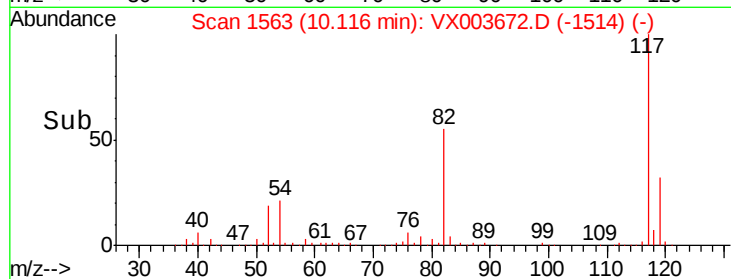
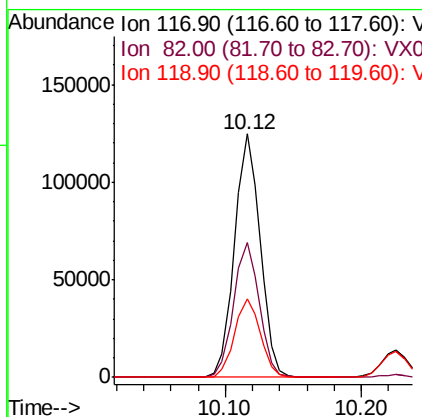
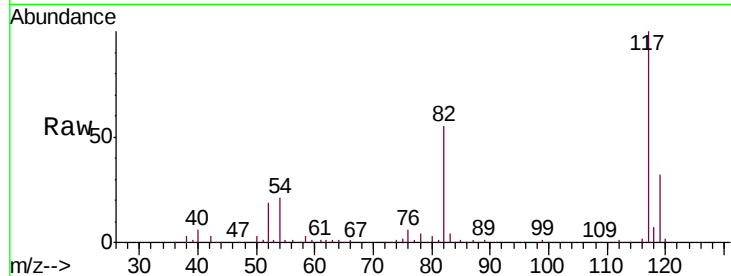
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.3	66.5
119	32.4	25.6	38.4

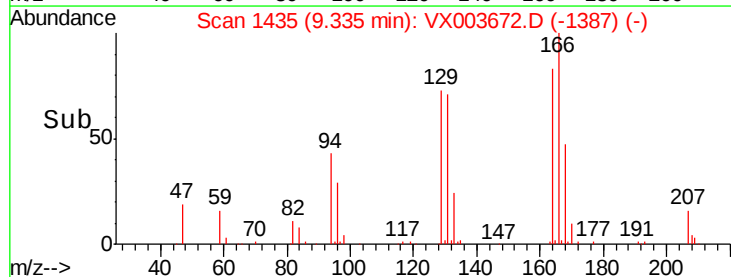
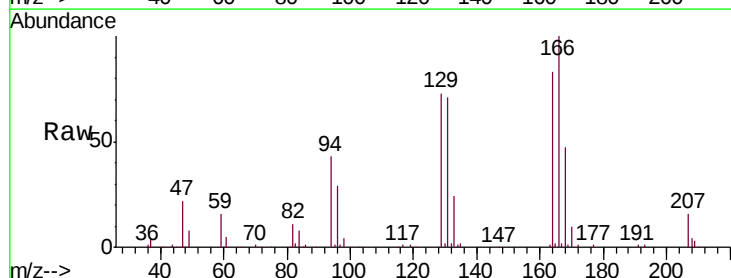
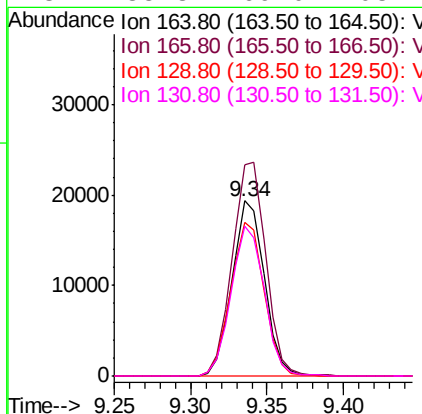
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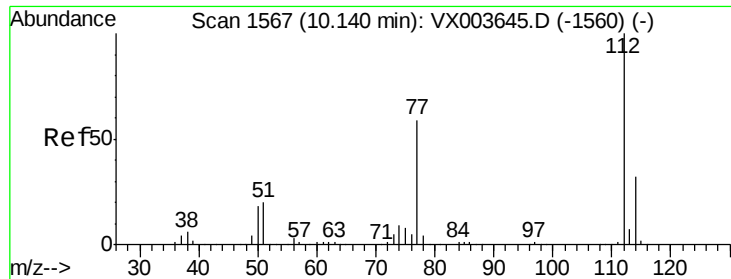
MMDadoda
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#64
Tetrachloroethene
Concen: 18.91 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.9	102.4	153.6
129	88.2	69.6	104.4
131	85.3	69.0	103.4





#65

Chlorobenzene

Concen: 19.66 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003672.D

Acq: 26 Jul 2018 16:10

Instrument :

MSVOA_X

ClientSampled :

VX0726WBS01

Tot Ion:112 Resp: 81143

Ion Ratio Lower Upper

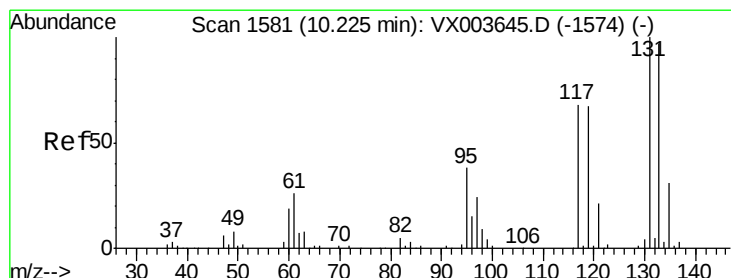
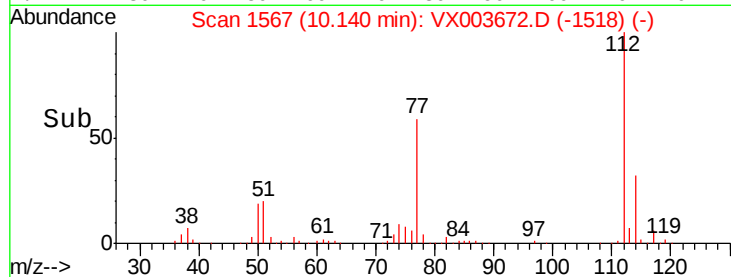
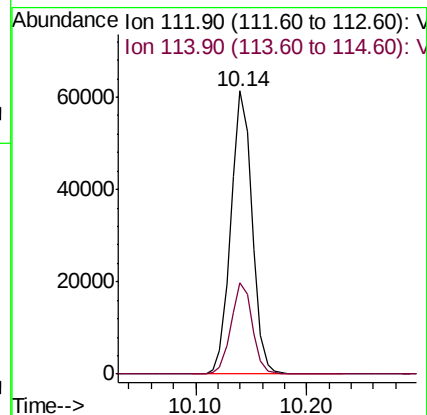
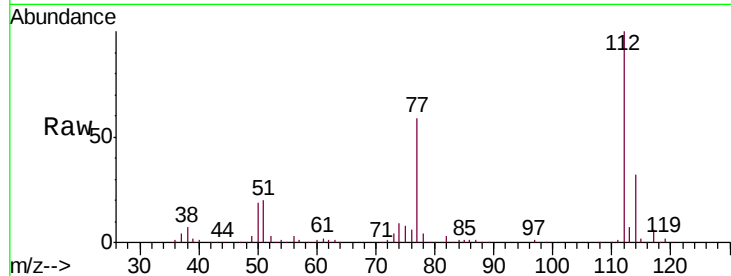
112 100

114 32.2 25.8 38.8

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.30 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003672.D

Acq: 26 Jul 2018 16:10

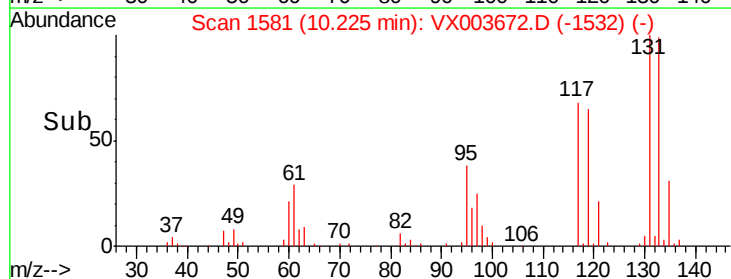
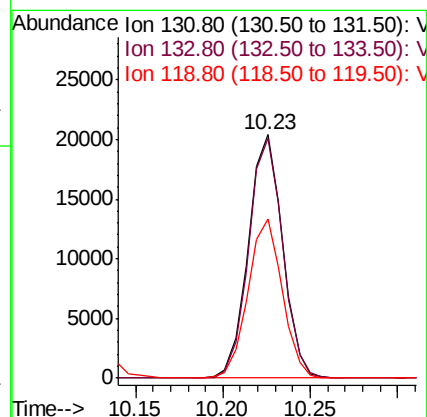
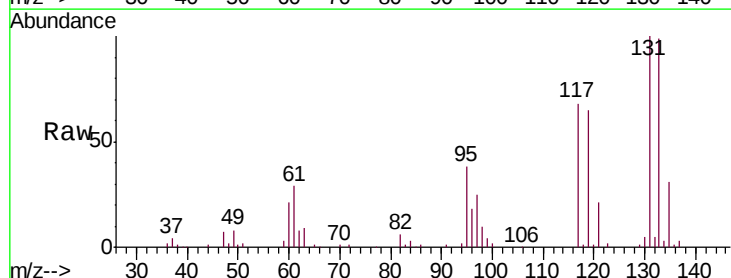
Tgt Ion:131 Resp: 27693

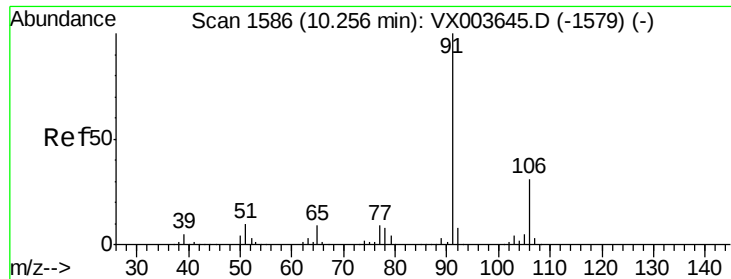
Ion Ratio Lower Upper

131 100

133 97.8 47.6 142.8

119 65.5 32.8 98.4





#67

Ethyl Benzene

Concen: 19.75 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003672.D

Acq: 26 Jul 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS01

Tot Ion: 91 Resp: 136449

Ion Ratio Lower Upper

91 100

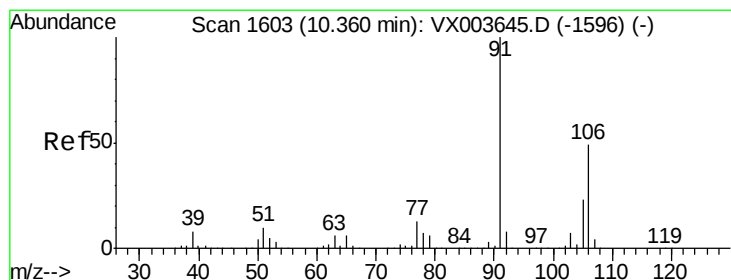
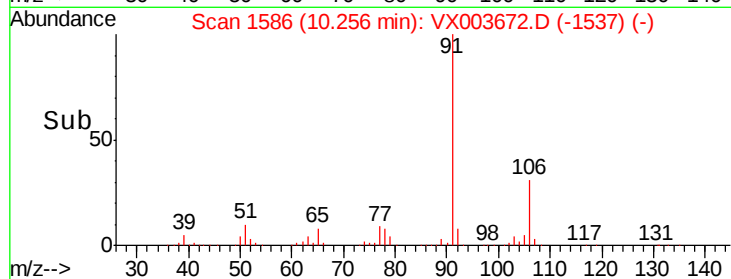
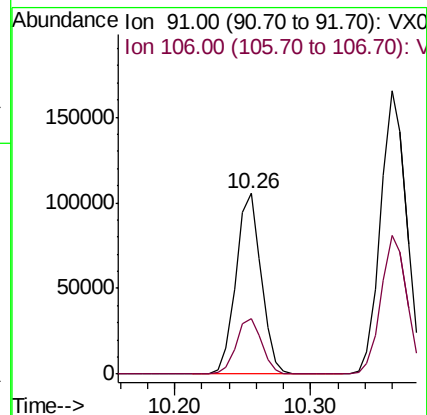
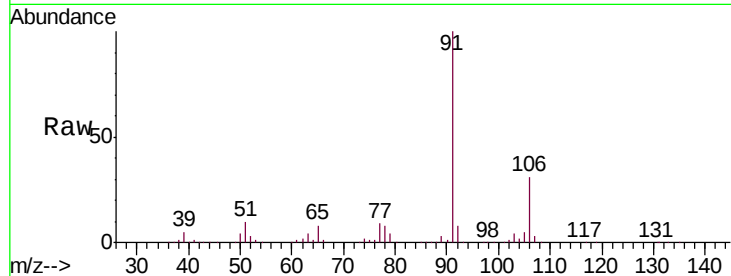
106 30.8 25.0 37.6

Manual Integrations

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#68

m/p-Xylenes

Concen: 40.34 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003672.D

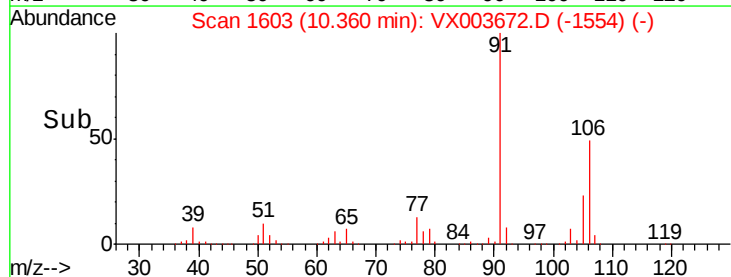
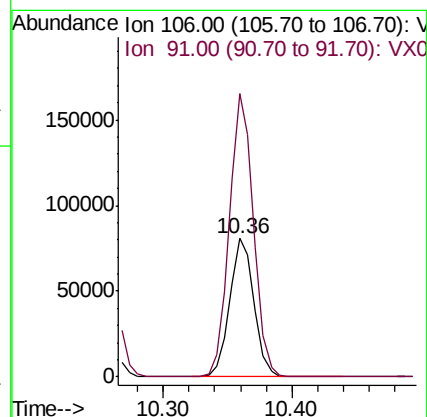
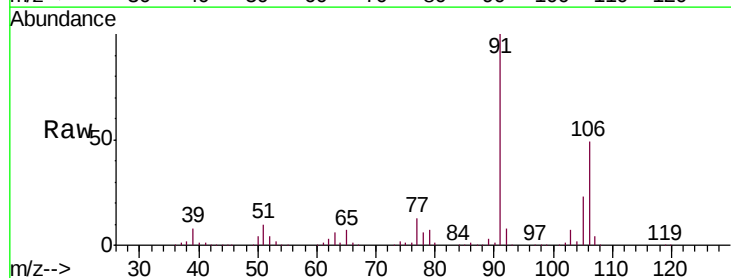
Acq: 26 Jul 2018 16:10

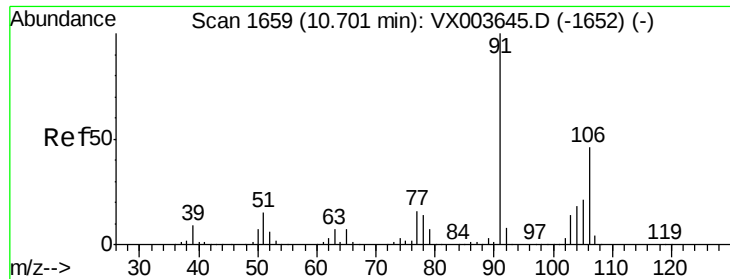
Tgt Ion: 106 Resp: 106898

Ion Ratio Lower Upper

106 100

91 204.3 162.2 243.2





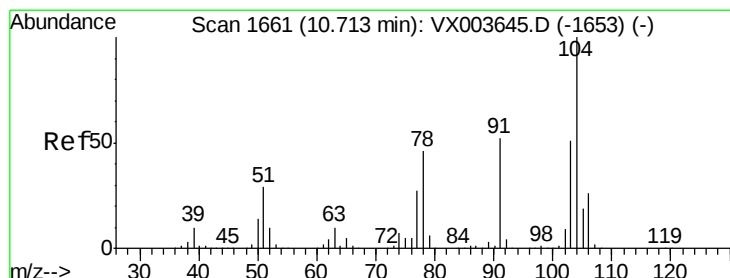
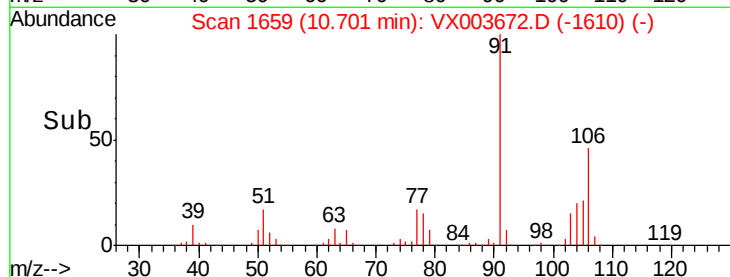
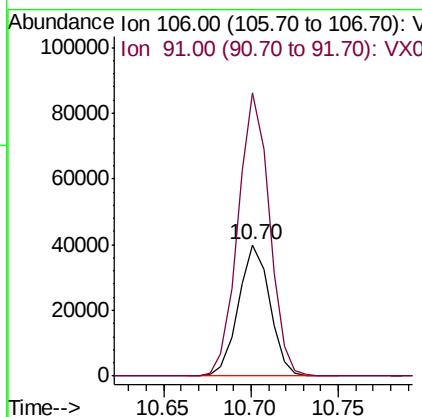
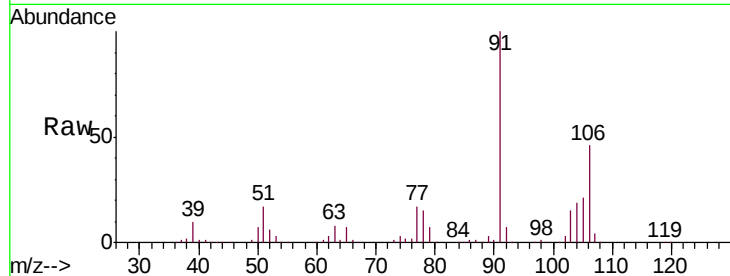
#69
o-Xylene
Concen: 19.57 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Tot Ion:106 Resp: 49939
Ion Ratio Lower Upper
106 100
91 217.0 107.1 321.1

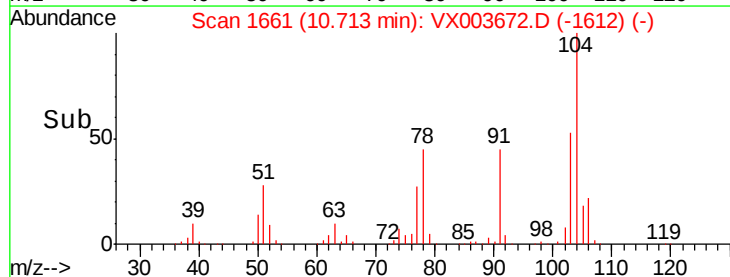
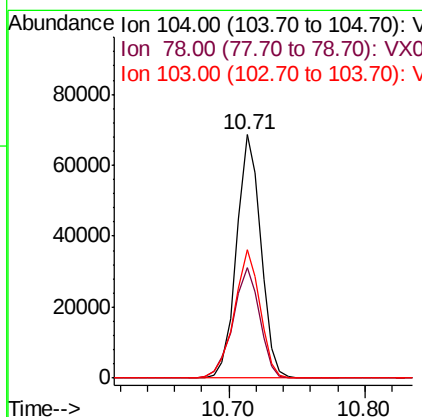
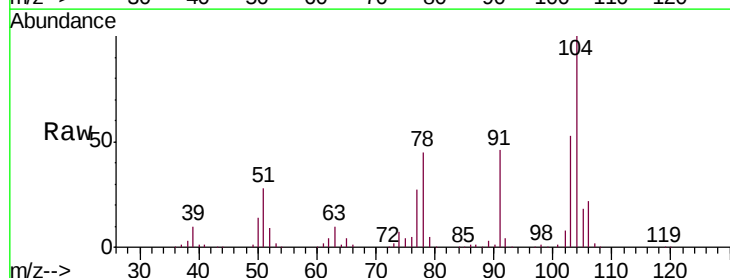
Manual Integrations
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#70
Styrene
Concen: 19.93 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Tgt Ion:104 Resp: 85413
Ion Ratio Lower Upper
104 100
78 50.0 39.2 58.8
103 56.0 44.2 66.4





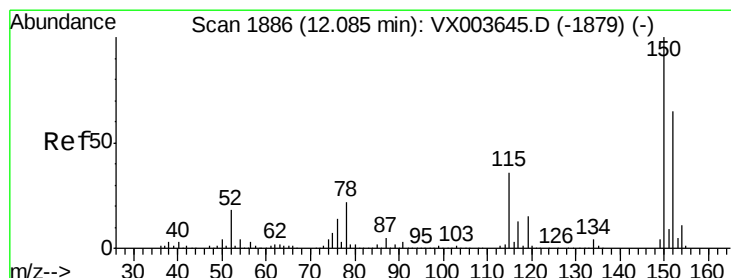
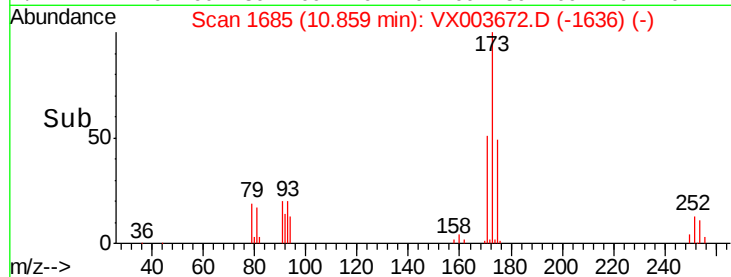
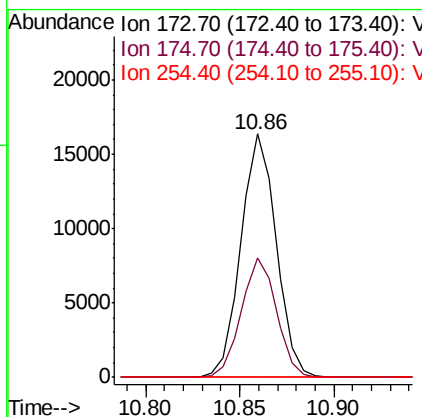
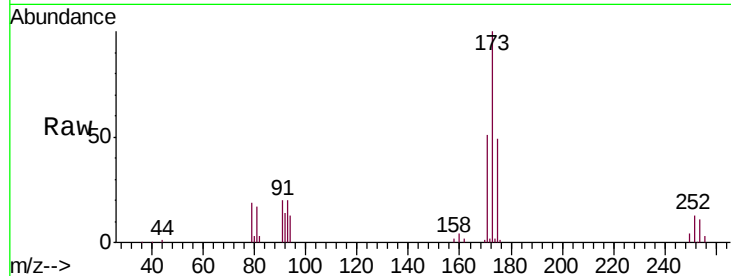
#71
Bromoform
Concen: 18.73 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Instrument :
MSVOA_X
ClientSampled :
VX0726WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.1	72.2
254	0.0	0.0	0.0

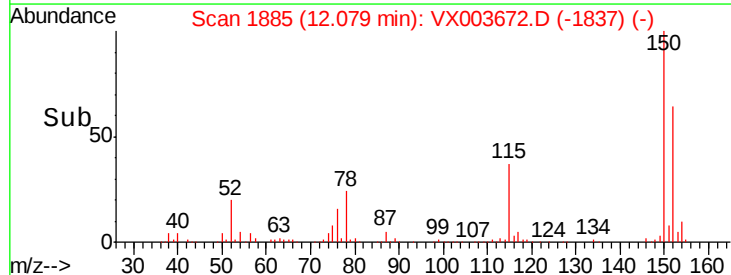
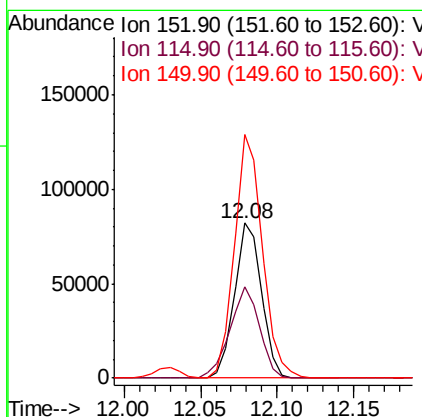
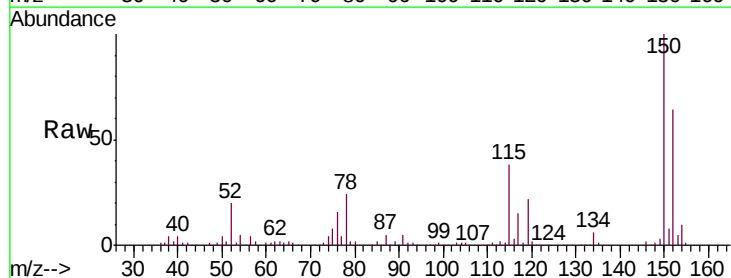
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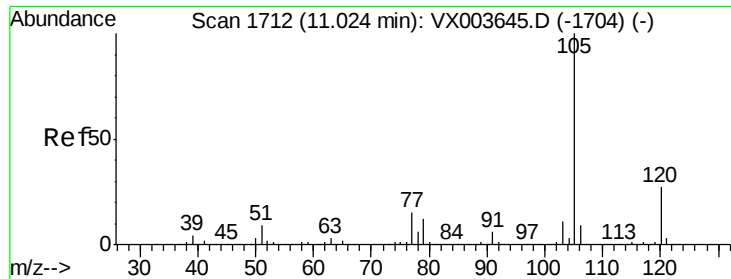
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.8	40.0	119.9
150	163.2	0.0	348.4





#73

Isopropylbenzene

Concen: 20.16 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003672.D

Acq: 26 Jul 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS01

Tot Ion: 105 Resp: 138041

Ion Ratio Lower Upper

105 100

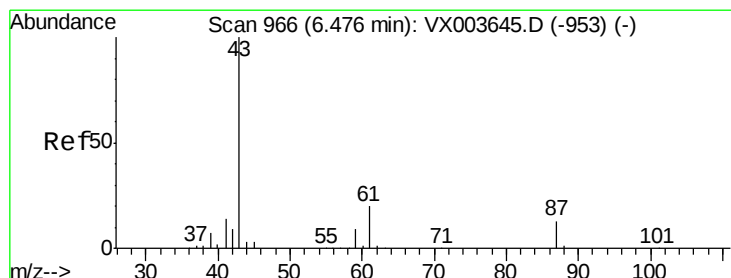
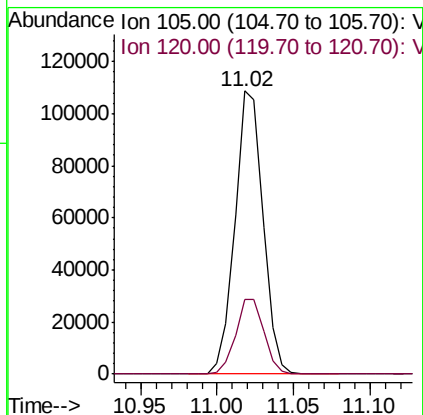
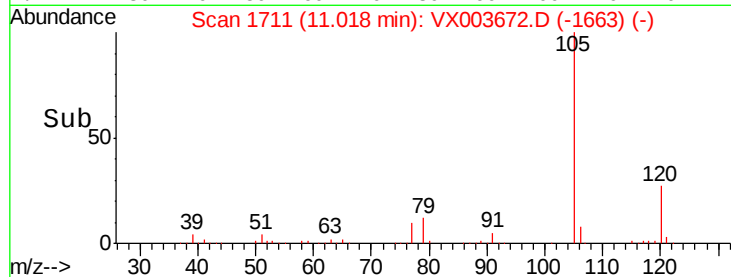
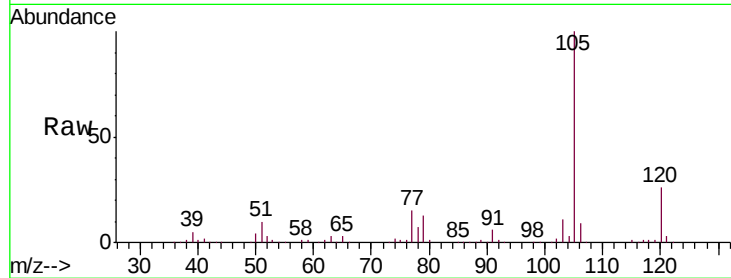
120 26.6 13.5 40.5

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.27 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX003672.D

Acq: 26 Jul 2018 16:10

Tgt Ion: 43 Resp: 68817

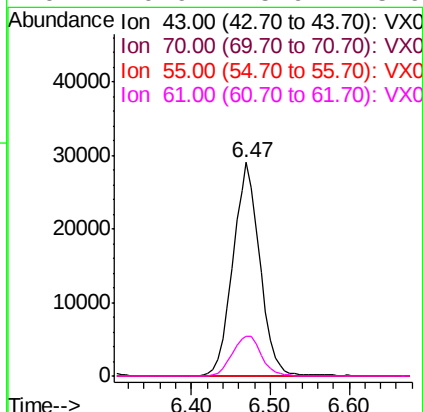
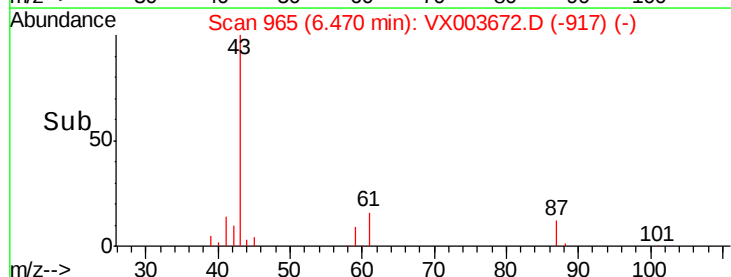
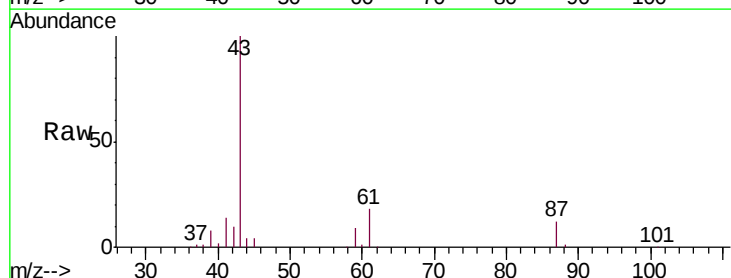
Ion Ratio Lower Upper

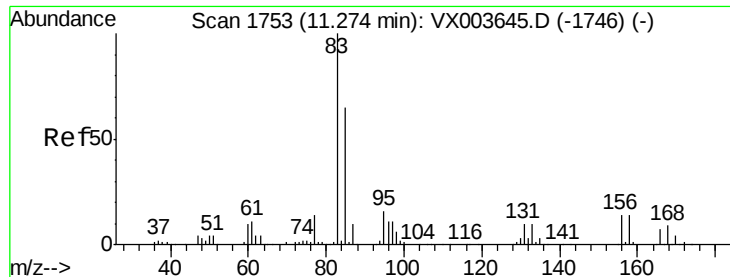
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 19.9 15.9 23.9





#75

1,1,2,2-Tetrachloroethane

Concen: 18.97 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003672.D

Acq: 26 Jul 2018 16:10

Instrument :

MSVOA_X

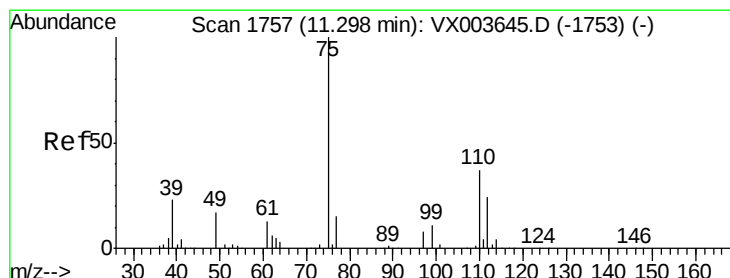
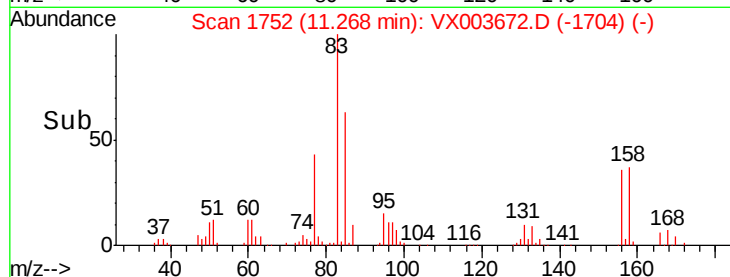
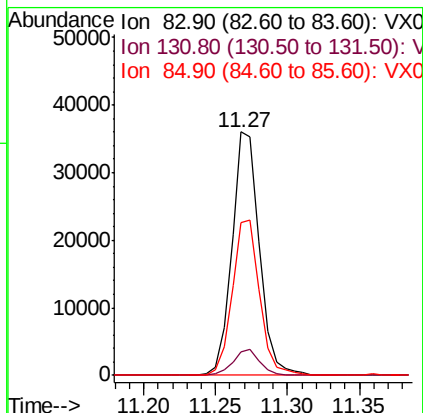
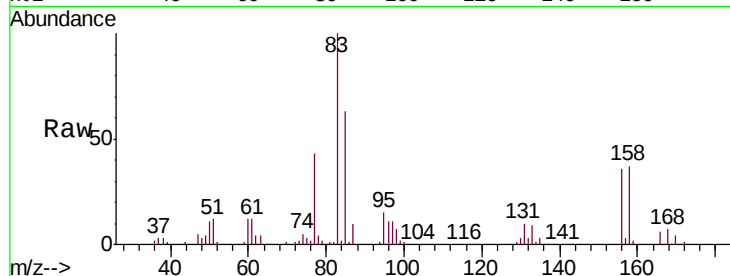
ClientSampleId :

VX0726WBS01

Tot Ion:	83	Resp:	47974
Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.1	15.4
85	64.1	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.68 ug/l m

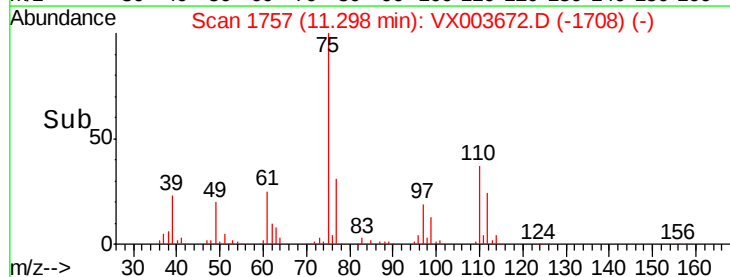
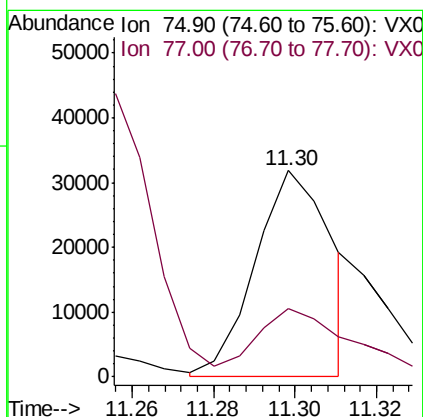
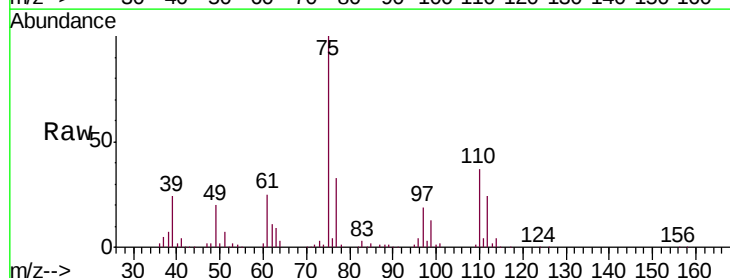
RT: 11.30 min Scan# 1757

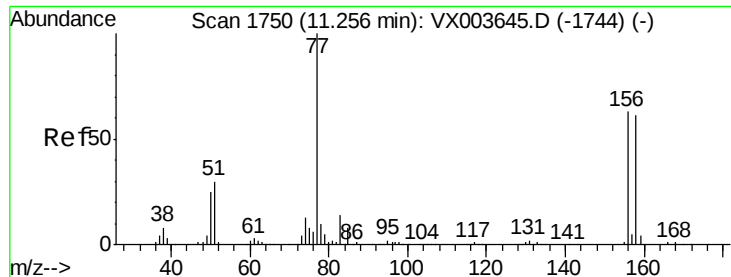
Delta R.T. -0.00 min

Lab File: VX003672.D

Acq: 26 Jul 2018 16:10

Tgt Ion:	75	Resp:	41369
Ion	Ratio	Lower	Upper
75	100		
77	41.5	21.6	64.6





#77

Bromobenzene

Concen: 19.55 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003672.D

Acq: 26 Jul 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS01

Tot Ion:156 Resp: 36368

Ion Ratio Lower Upper

156 100

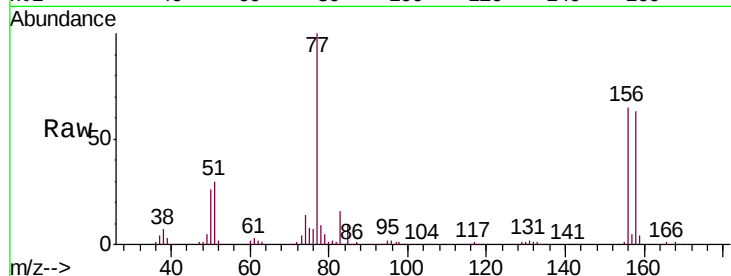
77 151.0 74.9 224.6

158 97.8 48.4 145.2

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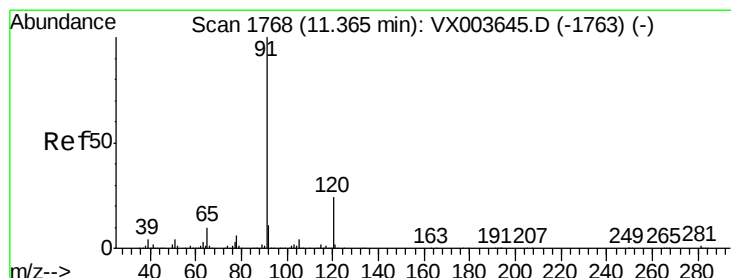
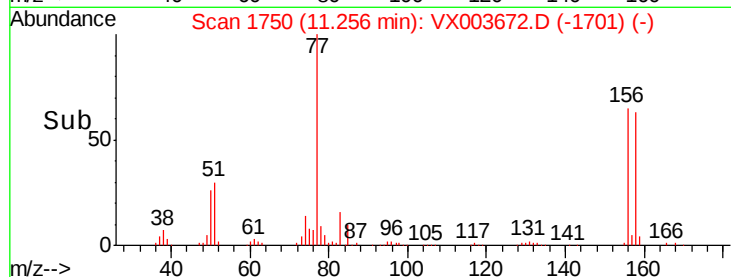
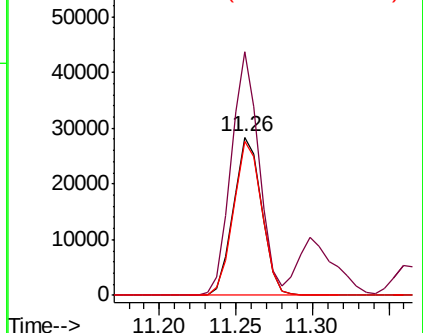
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.40 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003672.D

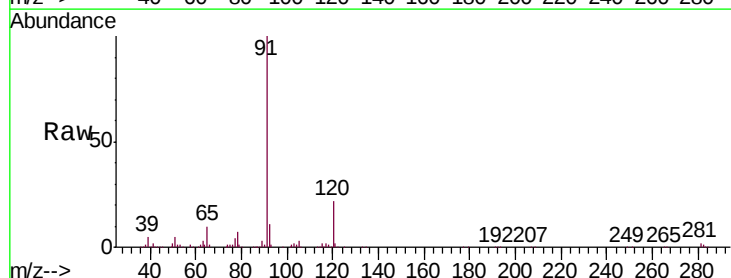
Acq: 26 Jul 2018 16:10

Tgt Ion: 91 Resp: 161289

Ion Ratio Lower Upper

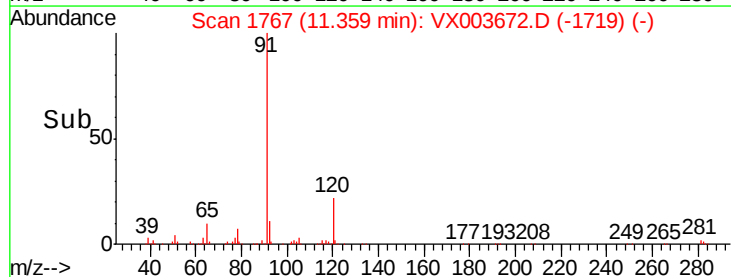
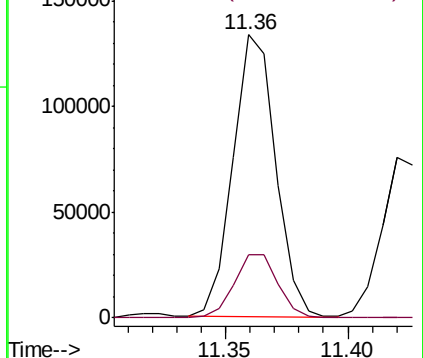
91 100

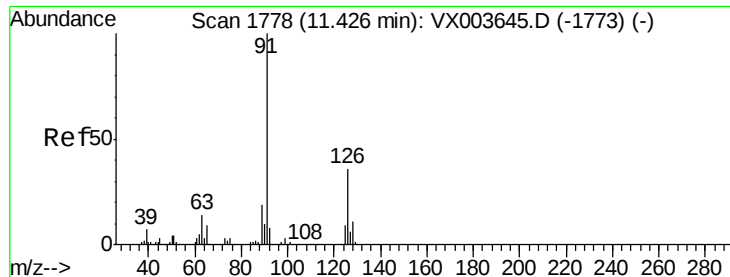
120 23.2 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.95 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003672.D

Acq: 26 Jul 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS01

Tot Ion: 91 Resp: 95898

Ion Ratio Lower Upper

91 100

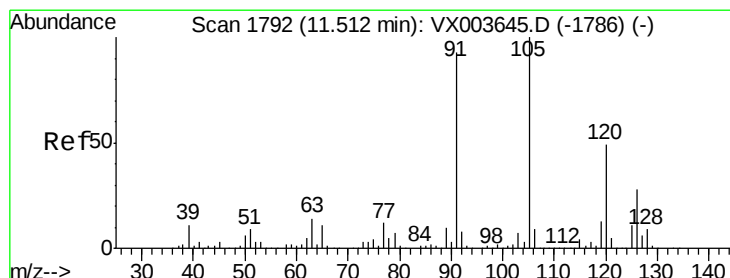
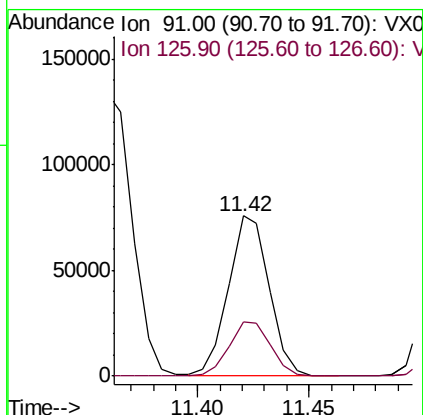
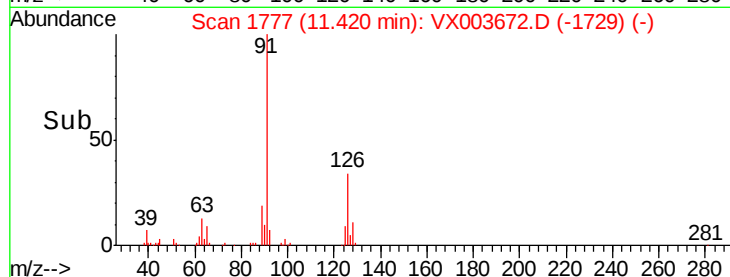
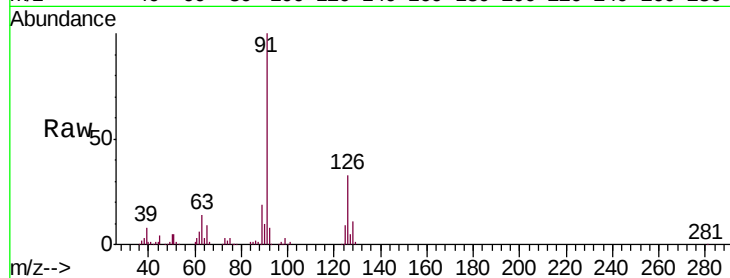
126 35.0 17.3 52.0

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#80

1,3,5-Trimethylbenzene

Concen: 20.25 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003672.D

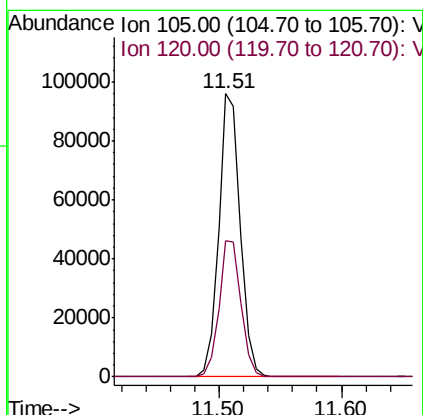
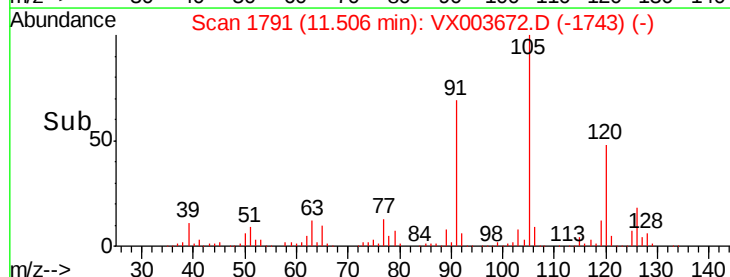
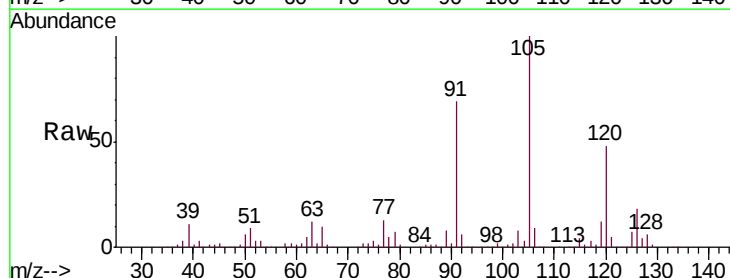
Acq: 26 Jul 2018 16:10

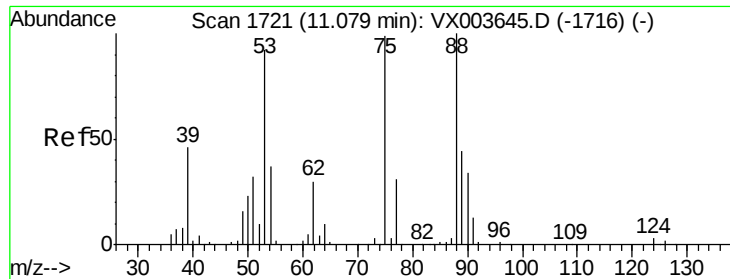
Tgt Ion: 105 Resp: 117332

Ion Ratio Lower Upper

105 100

120 49.1 24.4 73.4





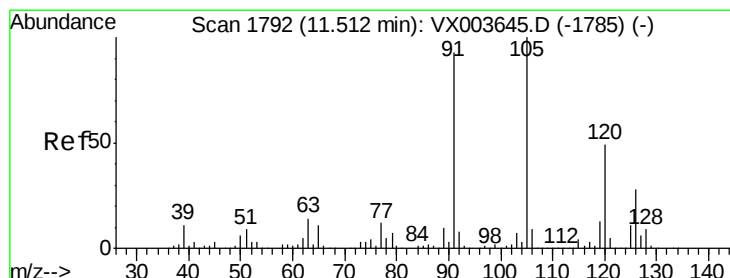
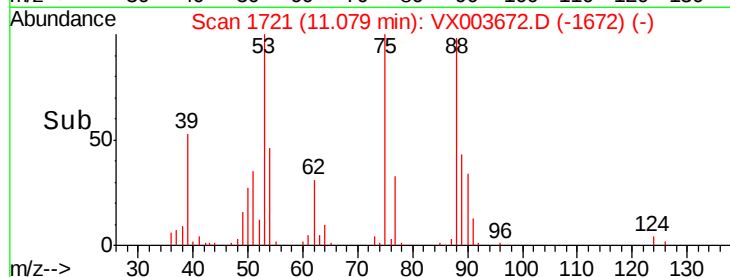
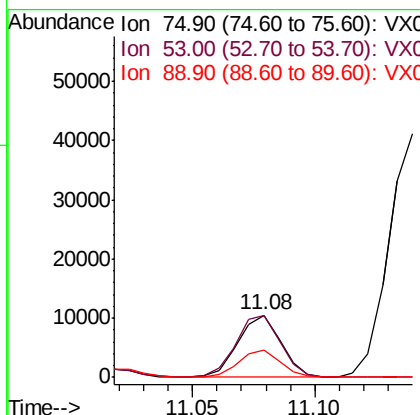
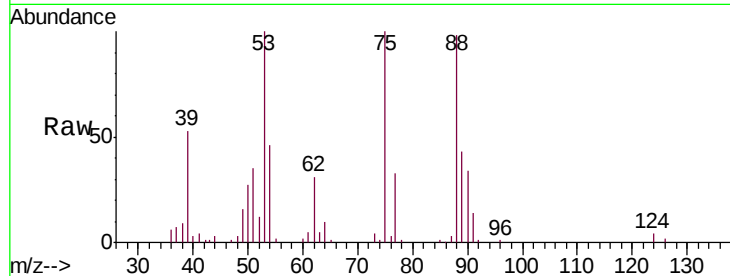
#81
trans-1,4-Dichloro-2-butene
Concen: 19.04 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Tot Ion: 75 Resp: 12920
Ion Ratio Lower Upper
75 100
53 103.1 77.8 116.8
89 42.8 36.6 54.8

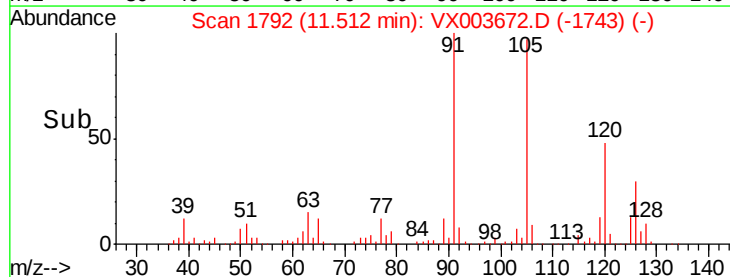
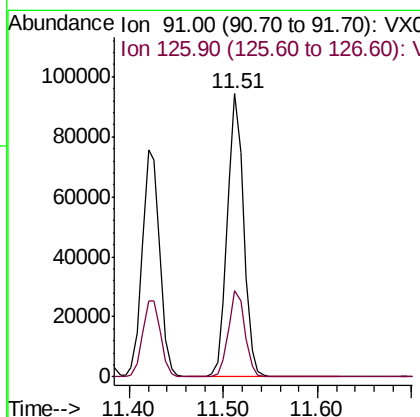
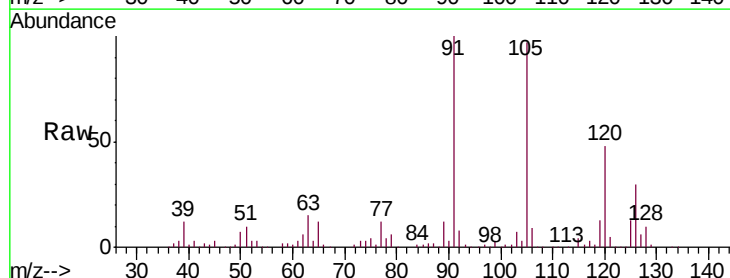
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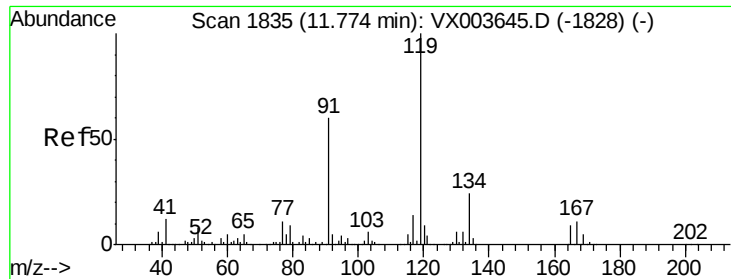
MMDadoda
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#82
4-Chlorotoluene
Concen: 20.14 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Tgt Ion: 91 Resp: 114035
Ion Ratio Lower Upper
91 100
126 30.4 15.4 46.1





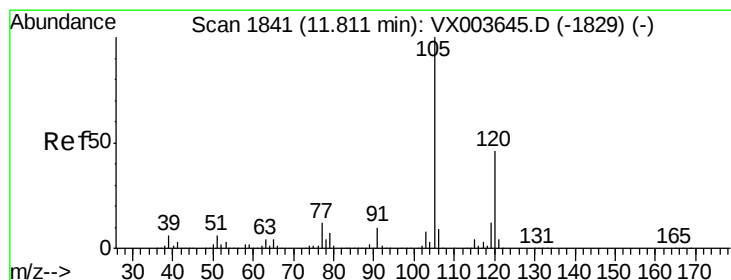
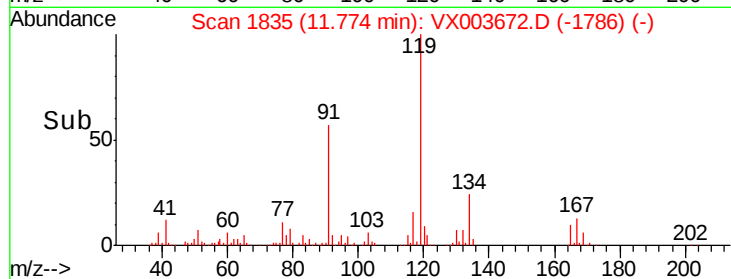
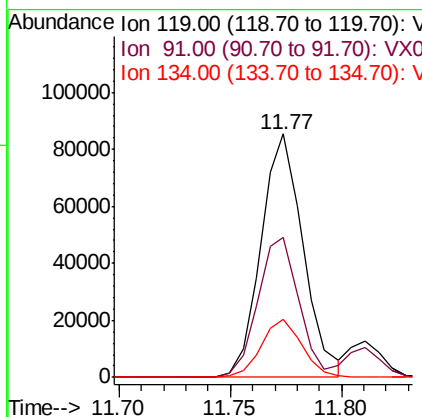
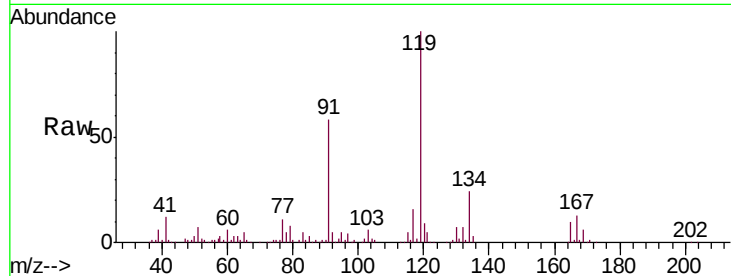
#83
tert-Butylbenzene
Concen: 19.79 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	112202		
91	56.0	28.4	85.2	
134	23.1	11.6	34.8	

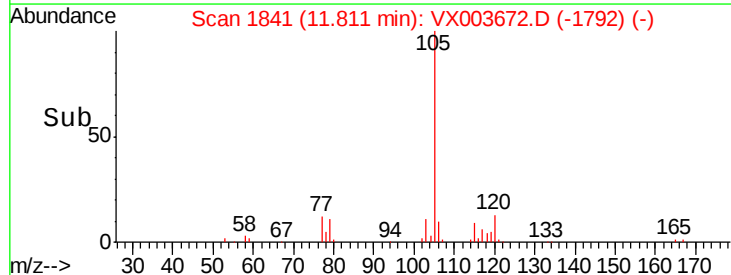
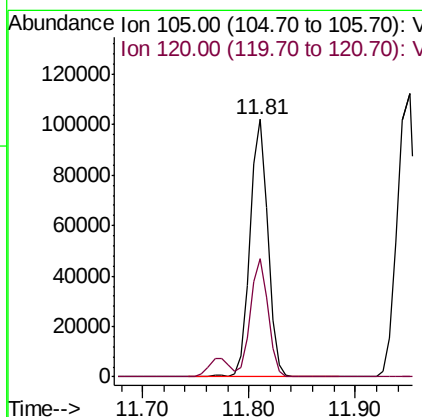
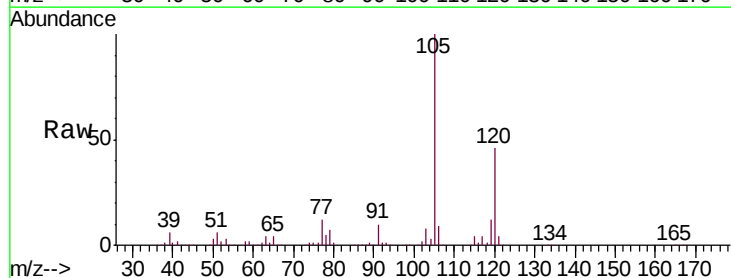
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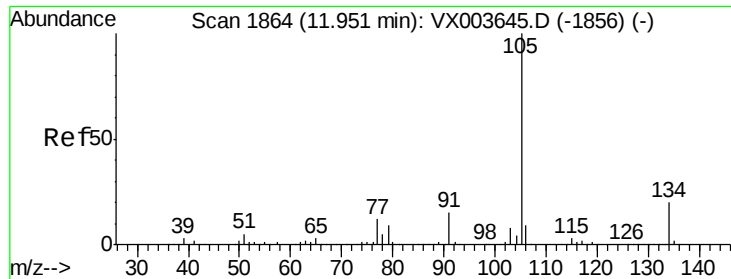
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#84
1,2,4-Trimethylbenzene
Concen: 20.31 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	120954		
120	45.4	22.6	67.8	





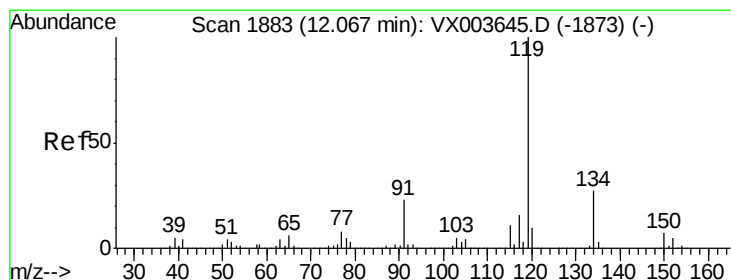
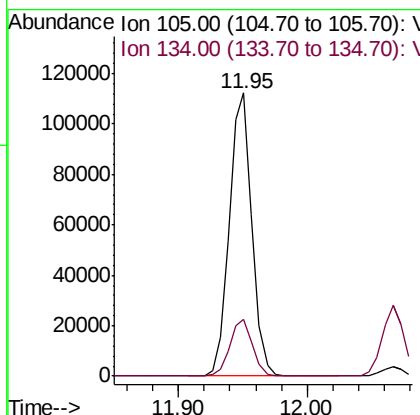
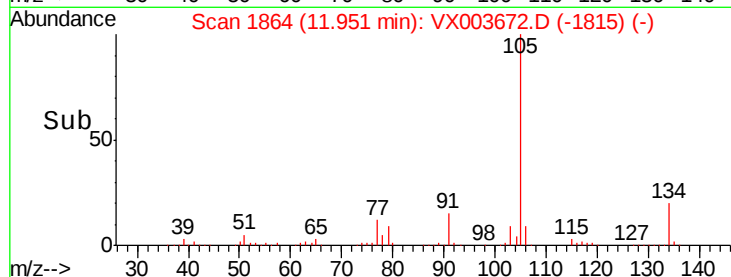
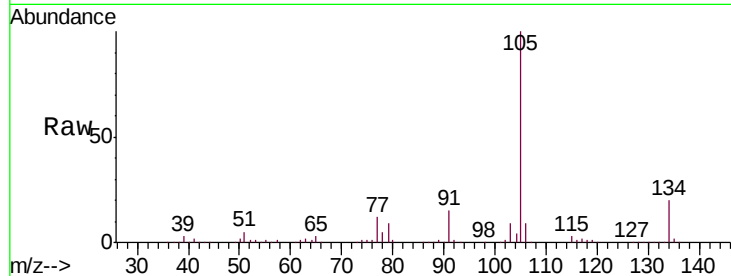
#85
 sec-Butylbenzene
 Concen: 20.27 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003672.D
 Acq: 26 Jul 2018 16:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0726WBS01

Tot Ion:105 Resp: 137160
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1

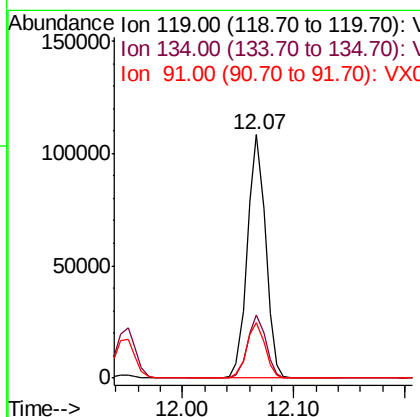
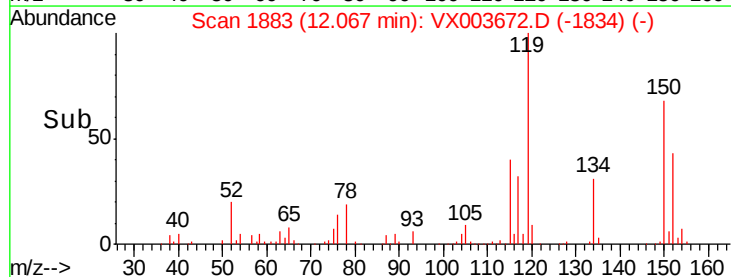
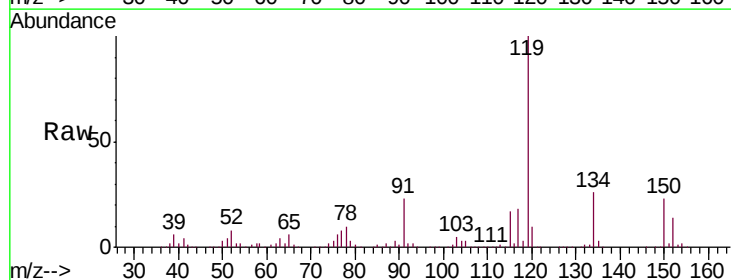
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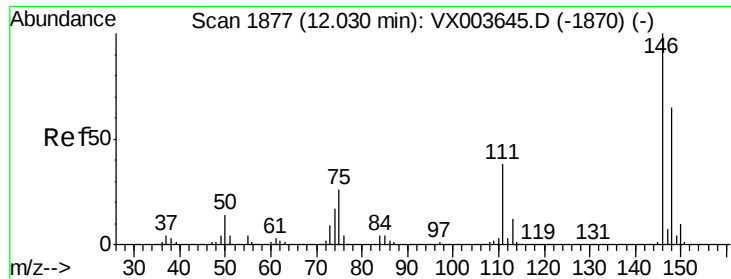
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#86
 p-Isopropyltoluene
 Concen: 20.28 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003672.D
 Acq: 26 Jul 2018 16:10

Tgt Ion:119 Resp: 123150
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.9
 91 23.1 11.5 34.5





#87

1,3-Dichlorobenzene

Concen: 19.57 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003672.D

Acq: 26 Jul 2018 16:10

Instrument :

MSVOA_X

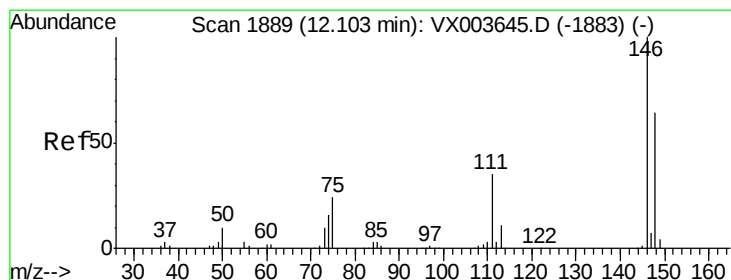
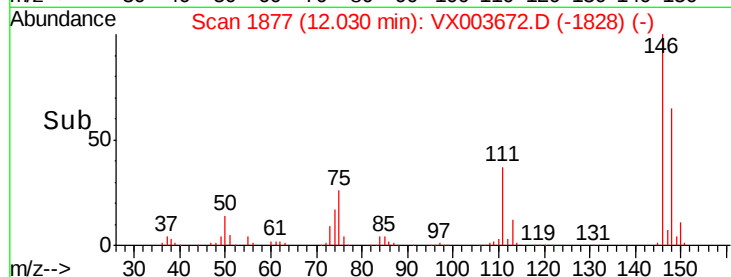
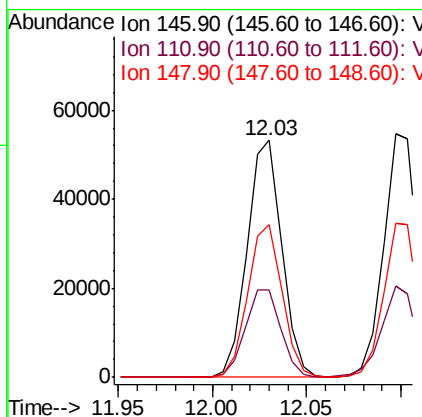
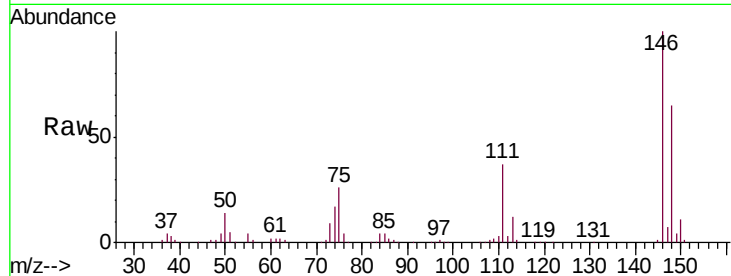
ClientSampleId :

VX0726WBS01

Tot Ion:	146	Resp:	67801
Ion Ratio	Lower	Upper	
146	100		
111	38.2	19.4	58.2
148	64.2	32.4	97.0

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.29 ug/l

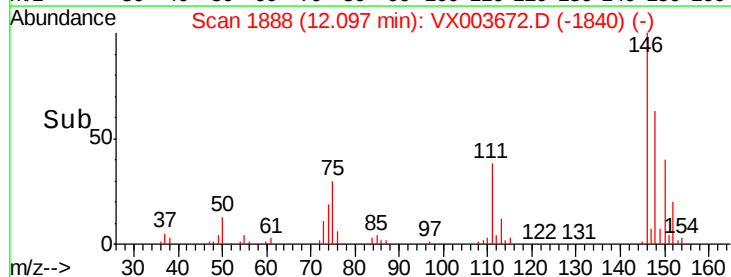
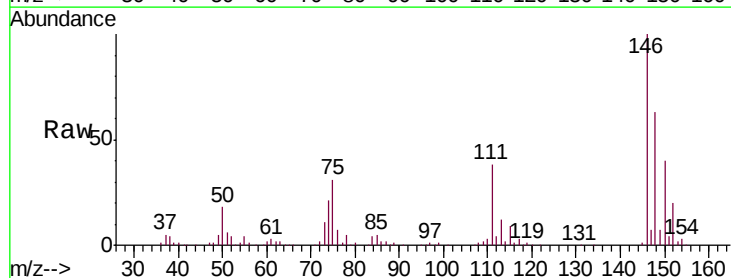
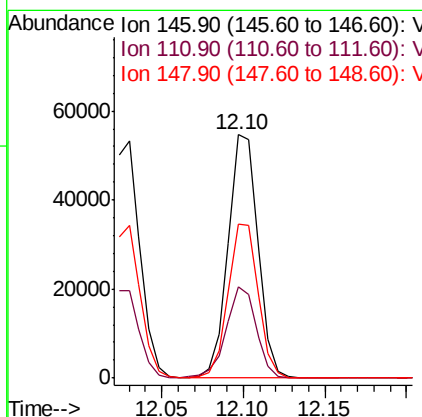
RT: 12.10 min Scan# 1888

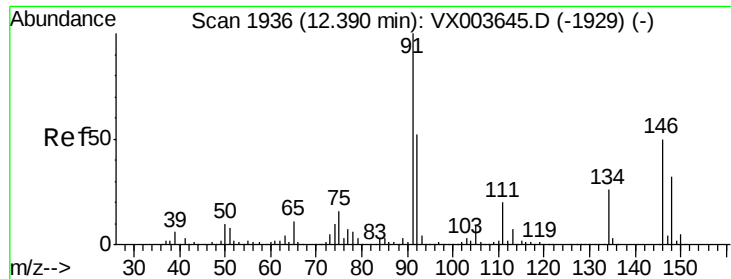
Delta R.T. -0.01 min

Lab File: VX003672.D

Acq: 26 Jul 2018 16:10

Tgt Ion:	146	Resp:	69464
Ion Ratio	Lower	Upper	
146	100		
111	37.9	18.6	55.6
148	63.7	32.0	96.2





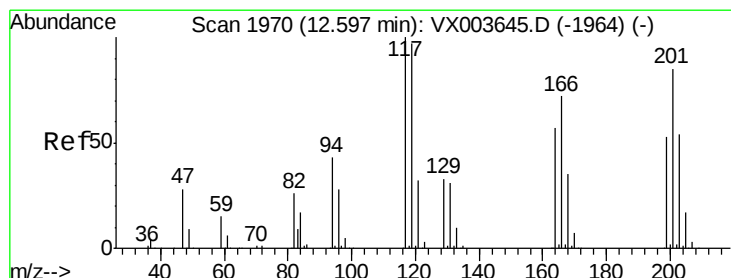
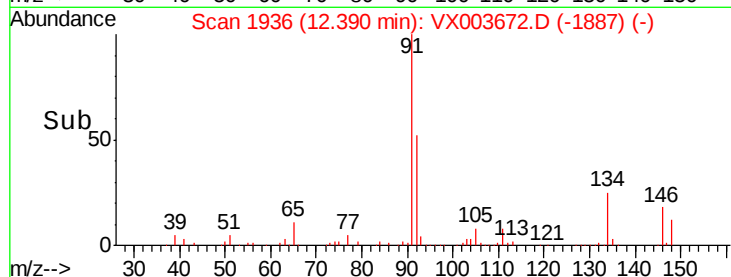
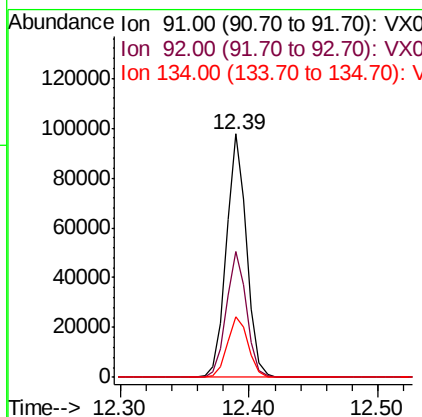
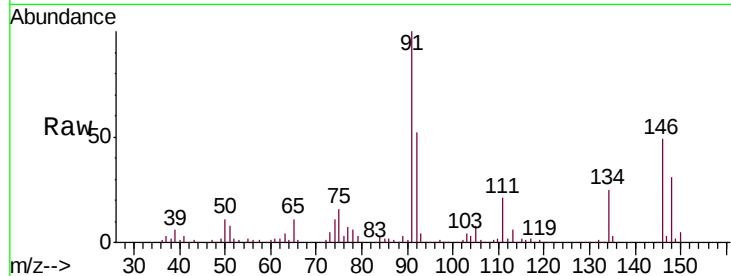
#89
n-Butylbenzene
Concen: 19.65 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.3	78.9
134	25.8	13.3	39.8

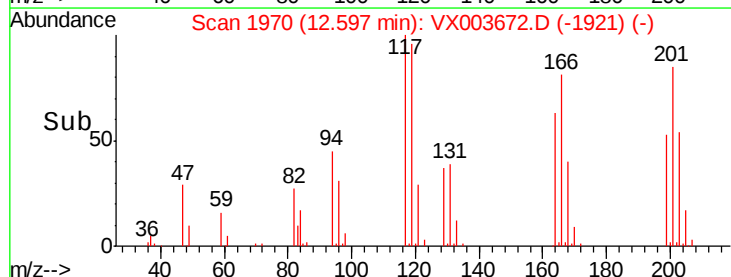
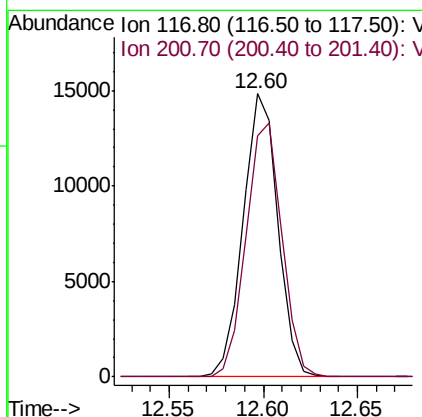
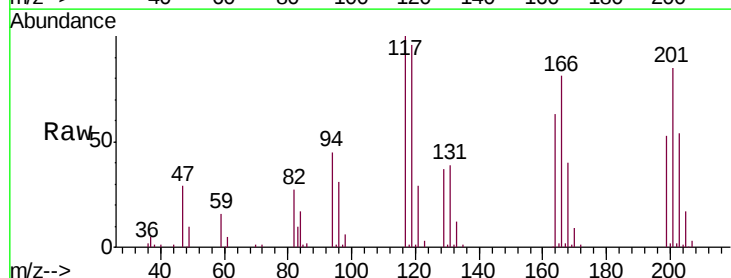
Manual Integrations
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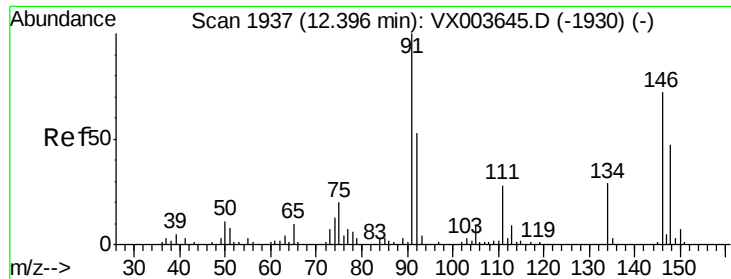
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#90
Hexachloroethane
Concen: 20.56 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.7	46.2	138.5





#91

1,2-Dichlorobenzene

Concen: 19.30 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX003672.D

Acq: 26 Jul 2018 16:10

Instrument :

MSVOA_X

ClientSampleId :

VX0726WBS01

Tot Ion:146 Resp: 68309

Ion Ratio Lower Upper

146 100

111 39.6 19.8 59.4

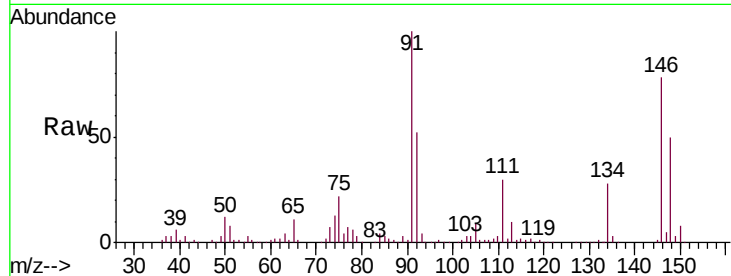
148 64.4 32.2 96.6

Manual Integrations

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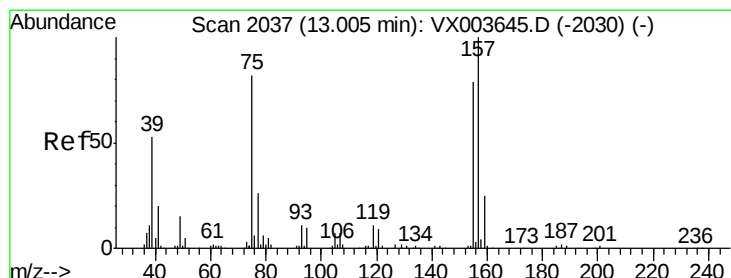
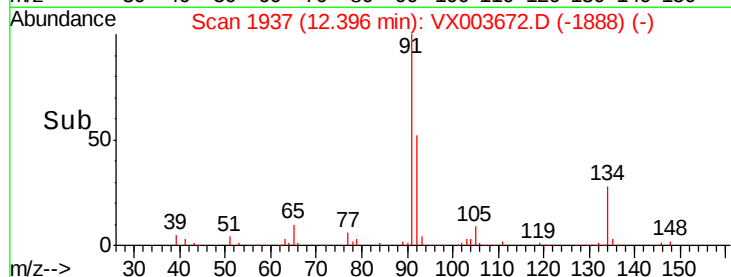
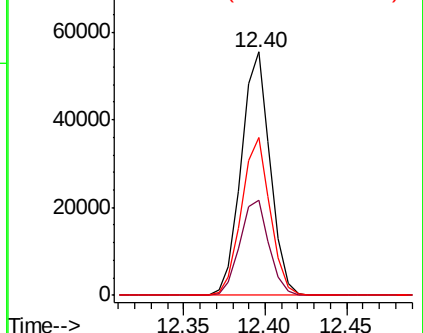
7/27/2018 5:40:24 PM



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.98 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX003672.D

Acq: 26 Jul 2018 16:10

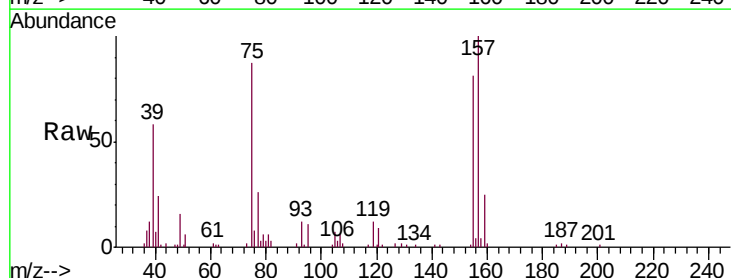
Tgt Ion: 75 Resp: 9989

Ion Ratio Lower Upper

75 100

155 90.5 46.1 138.3

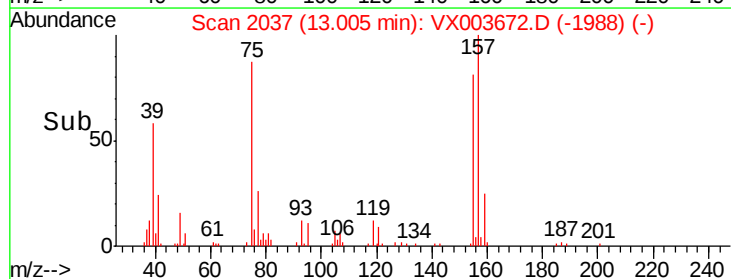
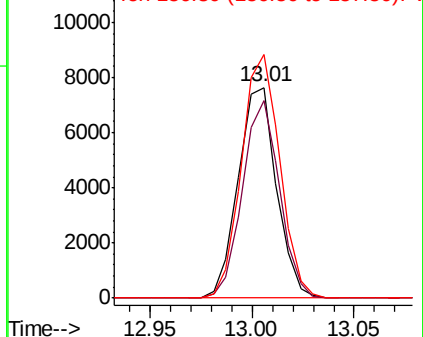
157 115.3 59.7 179.0

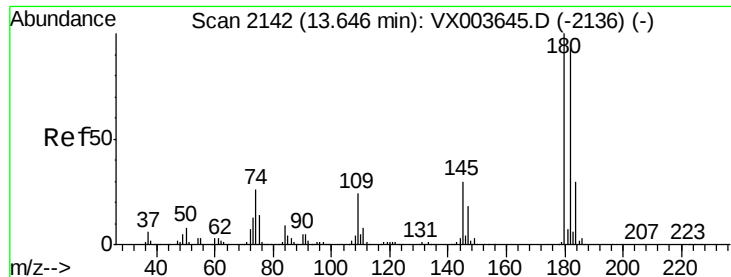


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





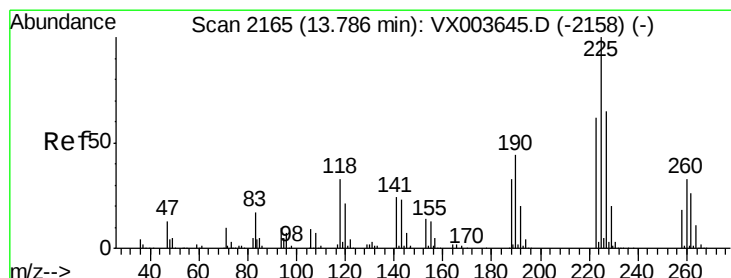
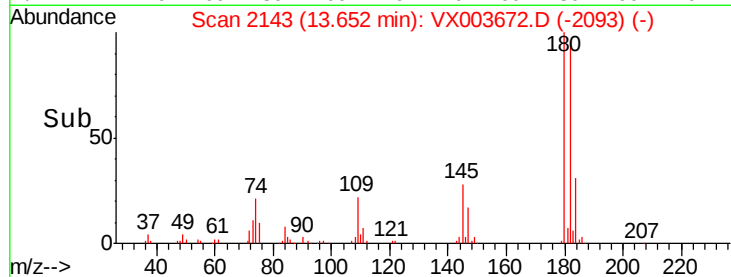
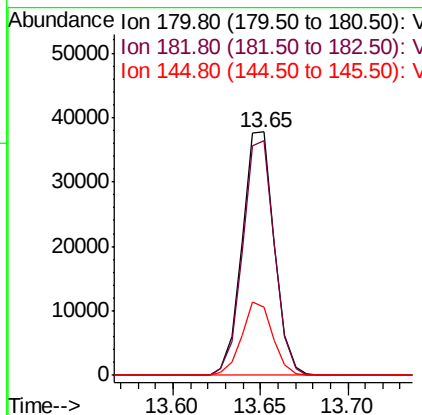
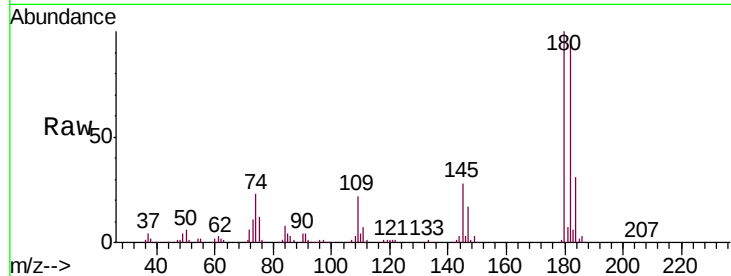
#93
1,2,4-Trichlorobenzene
Concen: 18.99 ug/l
RT: 13.65 min Scan# 2143
Delta R.T. 0.01 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Instrument :
MSVOA_X
ClientSampled :
VX0726WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.9	143.8
145	28.8	14.4	43.2

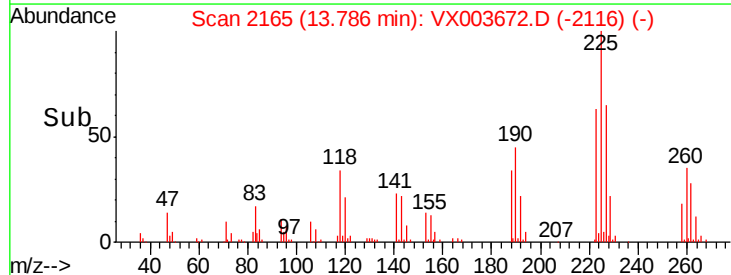
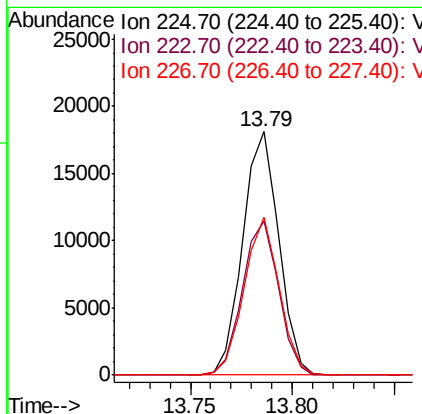
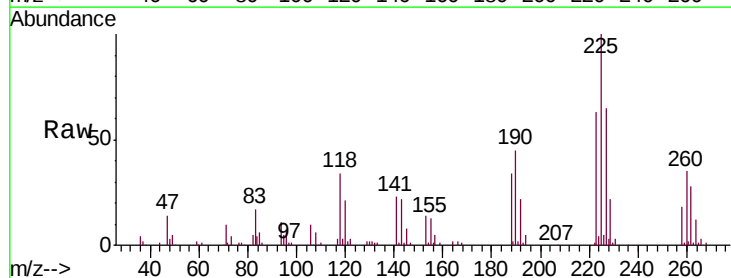
Manual Integrations
APPROVED

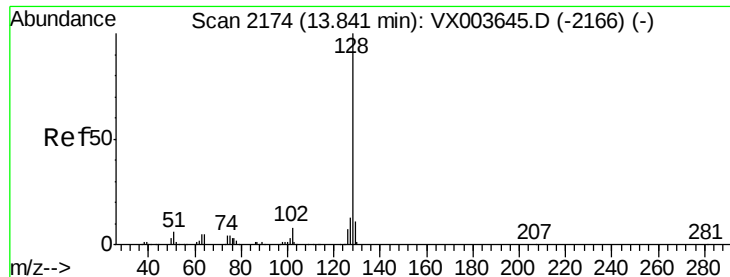
MMDadoda
7/27/2018 5:40:24 PM



#94
Hexachlorobutadiene
Concen: 19.08 ug/l
RT: 13.79 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	30.9	92.5
227	63.0	31.9	95.7





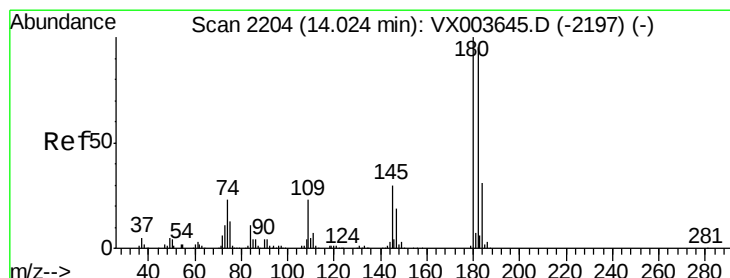
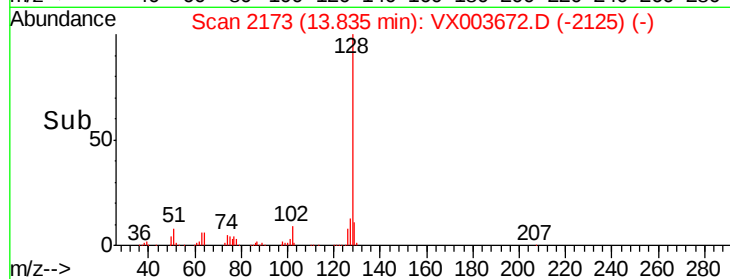
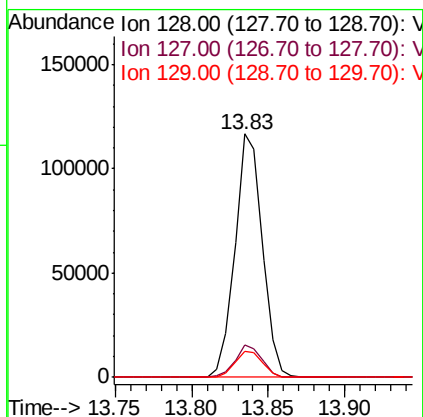
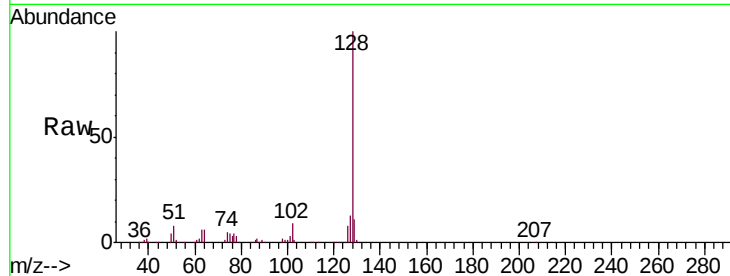
#95
Naphthalene
Concen: 18.88 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.01 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Instrument :
MSVOA_X
ClientSampleId :
VX0726WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100		144226		
127	13.0		10.4	15.6	
129	10.8		8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
7/27/2018 5:40:24 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.26 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003672.D
Acq: 26 Jul 2018 16:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		49411		
182	95.6		47.6	142.8	
145	29.6		15.0	45.1	

