

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071018\
 Data File : VX003304.D
 Acq On : 11 Jul 2018 01:03
 Operator : JC/MD
 Sample : VX0710WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/11/2018 3:09:30 PM

Quant Time: Jul 11 05:09:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	231624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	302387	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	274255	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194036	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	186039	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
35) Dibromofluoromethane	5.51	113	153900	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
50) Toluene-d8	8.72	98	567756	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
62) 4-Bromofluorobenzene	11.14	95	205595	48.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	71237	20.23	ug/l	100
3) Chloromethane	1.32	50	62441	19.50	ug/l	98
4) Vinyl Chloride	1.40	62	60498	18.41	ug/l	98
5) Bromomethane	1.64	94	23167	23.91	ug/l	99
6) Chloroethane	1.72	64	33503	18.40	ug/l	100
7) Trichlorofluoromethane	1.93	101	93914	19.23	ug/l	100
8) Diethyl Ether	2.19	74	31505	17.84	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53322	18.64	ug/l	95
10) Methyl Iodide	2.51	142	52981	20.53	ug/l	97
11) Tert butyl alcohol	3.08	59	70181	106.20	ug/l	98
12) 1,1-Dichloroethene	2.37	96	48329	18.57	ug/l	90
13) Acrolein	2.29	56	40010	75.13	ug/l	100
14) Allyl chloride	2.73	41	85105	17.65	ug/l	95
15) Acrylonitrile	3.15	53	143557	97.28	ug/l	99
16) Acetone	2.45	43	133882	103.45	ug/l	98
17) Carbon Disulfide	2.57	76	124666	17.24	ug/l	100
18) Methyl Acetate	2.78	43	79557	21.79	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	162085	18.64	ug/l	100
20) Methylene Chloride	2.86	84	53412	19.71	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	51560	18.58	ug/l	94
22) Diisopropyl ether	3.88	45	165657	16.89	ug/l	98
23) Vinyl Acetate	3.83	43	707425	84.95	ug/l	98
24) 1,1-Dichloroethane	3.70	63	94583	18.53	ug/l	99
25) 2-Butanone	4.71	43	238143	103.99	ug/l	95
26) 2,2-Dichloropropane	4.59	77	51431	11.52	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	66088	19.38	ug/l	90
28) Bromochloromethane	5.03	49	52681	20.48	ug/l	87
29) Tetrahydrofuran	5.17	42	149492	100.58	ug/l	96
30) Chloroform	5.22	83	110133	19.61	ug/l	99
31) Cyclohexane	5.57	56	90203	18.87	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	96148	19.41	ug/l	98
36) 1,1-Dichloropropene	5.80	75	78126	18.25	ug/l	98
37) Ethyl Acetate	4.87	43	88869	18.94	ug/l	98
38) Carbon Tetrachloride	5.79	117	87188	18.62	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	85623	16.98	ug/l	98
40) Benzene	6.15	78	238775	18.82	ug/l	99
41) Methacrylonitrile	5.07	41	49022	19.08	ug/l	95
42) 1,2-Dichloroethane	6.20	62	87680	18.50	ug/l	97
43) Isopropyl Acetate	6.48	43	135700	18.41	ug/l	96
44) Trichloroethene	7.22	130	70916	18.90	ug/l	98
45) 1,2-Dichloropropane	7.52	63	60793	18.43	ug/l	100
46) Dibromomethane	7.67	93	42050	18.71	ug/l	94
47) Bromodichloromethane	7.90	83	77195	18.61	ug/l	97
48) Methyl methacrylate	7.78	41	71156	18.83	ug/l	93
49) 1,4-Dioxane	7.76	88	31046	392.87	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	459144	100.08	ug/l	97
52) Toluene	8.79	92	153612	19.16	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	83589	17.13	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	75361	16.97	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	62744	18.86	ug/l	96
56) Ethyl methacrylate	9.18	69	85342	18.73	ug/l	91
57) 1,3-Dichloropropane	9.38	76	101548	18.95	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	228510	103.96	ug/l	97
59) 2-Hexanone	9.50	43	351513	100.88	ug/l	96
60) Dibromochloromethane	9.59	129	62431	17.97	ug/l	98
61) 1,2-Dibromoethane	9.68	107	66191	18.99	ug/l	100
64) Tetrachloroethene	9.34	164	87912	21.20	ug/l	97
65) Chlorobenzene	10.14	112	176098	18.90	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	64132	19.07	ug/l	99
67) Ethyl Benzene	10.26	91	286200	18.99	ug/l	99
68) m/p-Xylenes	10.36	106	226923	38.71	ug/l	98
69) o-Xylene	10.70	106	109470	19.27	ug/l	95
70) Styrene	10.71	104	177416	19.26	ug/l	99
71) Bromoform	10.86	173	48897	17.68	ug/l #	100
73) Isopropylbenzene	11.02	105	295206	19.27	ug/l	100
74) N-amyl acetate	6.48	43	135700	18.57	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	91072	19.17	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	89729m	21.40	ug/l	
77) Bromobenzene	11.26	156	85000	19.22	ug/l	94
78) n-propylbenzene	11.37	91	328483	19.28	ug/l	98
79) 2-Chlorotoluene	11.43	91	198464	19.13	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	245200	19.22	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	18755	14.62	ug/l	97
82) 4-Chlorotoluene	11.51	91	231152	19.08	ug/l	98
83) tert-Butylbenzene	11.77	119	234755	18.42	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	251292	19.24	ug/l	97
85) sec-Butylbenzene	11.95	105	284642	18.90	ug/l	99
86) p-Isopropyltoluene	12.07	119	262108	19.10	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	152518	18.80	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	152652	18.58	ug/l	99
89) n-Butylbenzene	12.39	91	204886	17.87	ug/l	99
90) Hexachloroethane	12.60	117	35947	17.16	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	152662	18.74	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19104	18.74	ug/l	92

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ClientSampleId :
VX0710WBS02

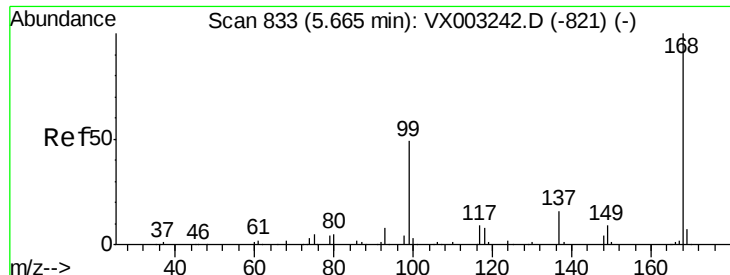
Manual Integrations
APPROVED

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7/11/2018 3:09:30 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 09 15:24:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	107811	18.18	ug/l	99
94) Hexachlorobutadiene	13.79	225	52164	17.67	ug/l	98
95) Naphthalene	13.84	128	294969	19.01	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	110247	18.64	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS02

Tot Ion:168 Resp: 231624

Ion Ratio Lower Upper

168 100

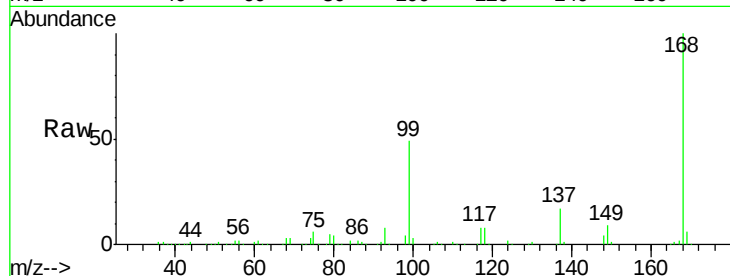
99 48.5 39.3 58.9

Manual Integrations

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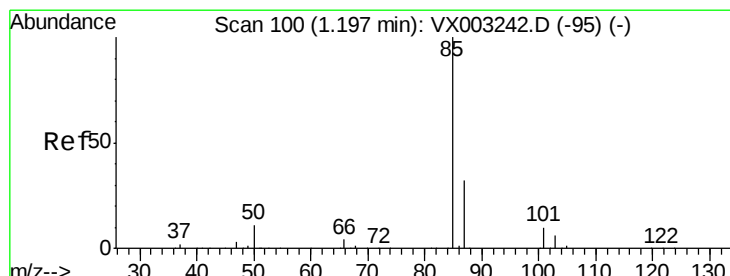
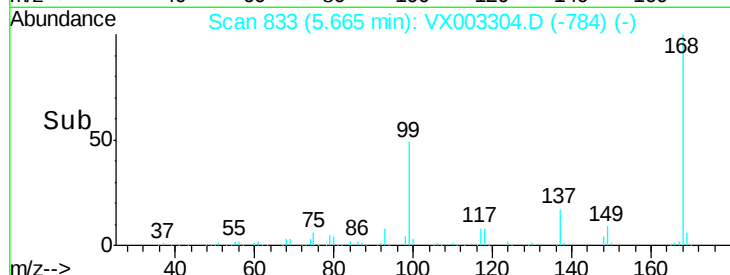
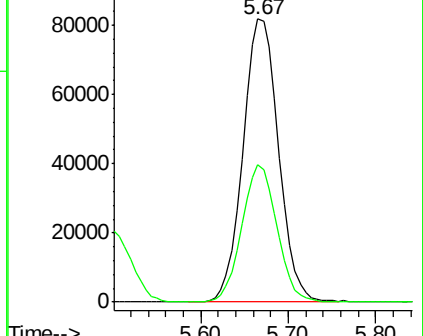
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.23 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX003304.D

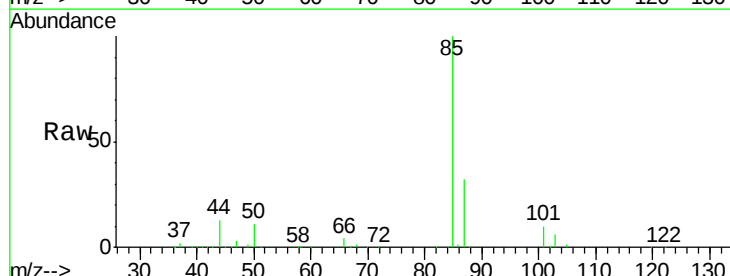
Acq: 11 Jul 2018 01:03

Tgt Ion: 85 Resp: 71237

Ion Ratio Lower Upper

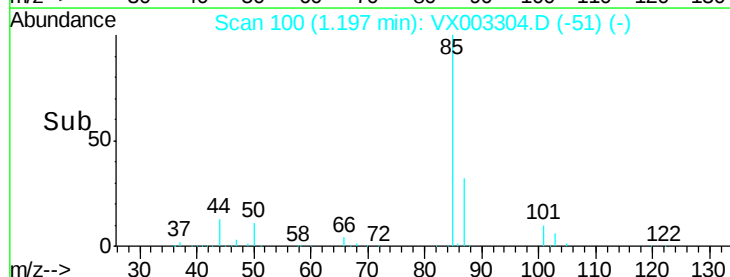
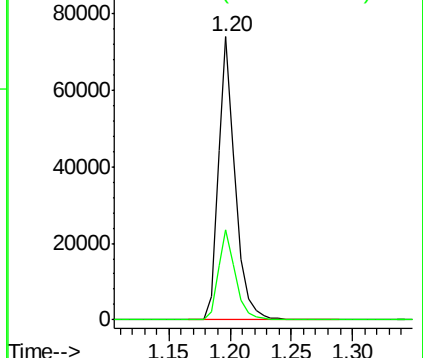
85 100

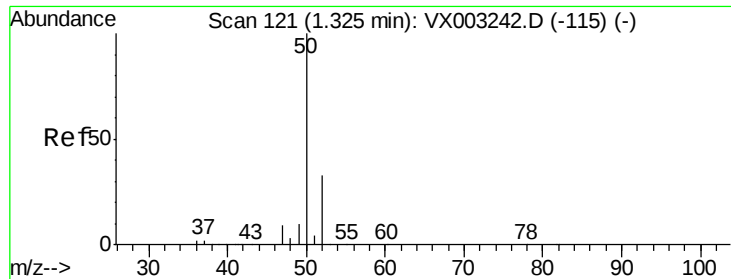
87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.50 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS02

Tot Ion: 50 Resp: 62441

Ion Ratio Lower Upper

50 100

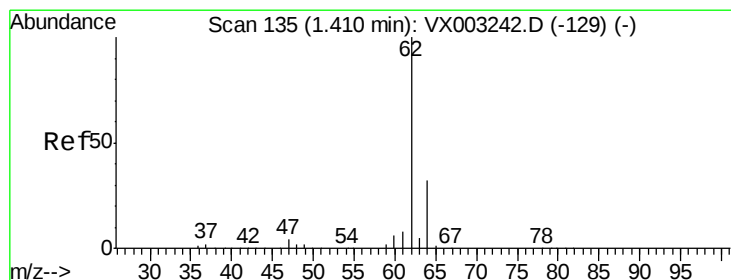
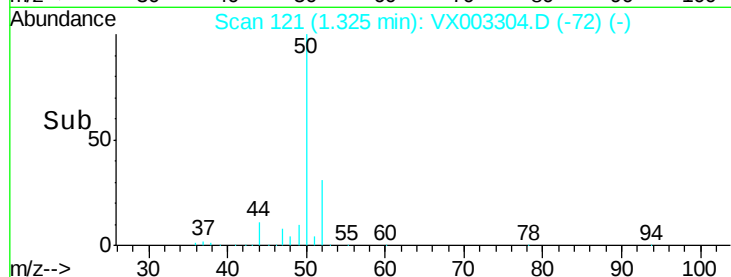
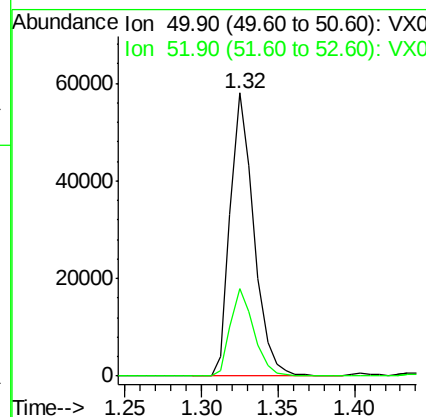
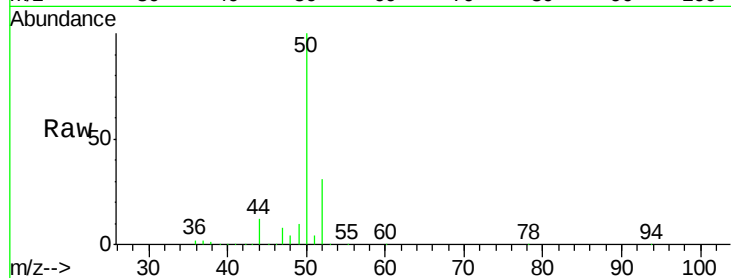
52 30.7 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.41 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003304.D

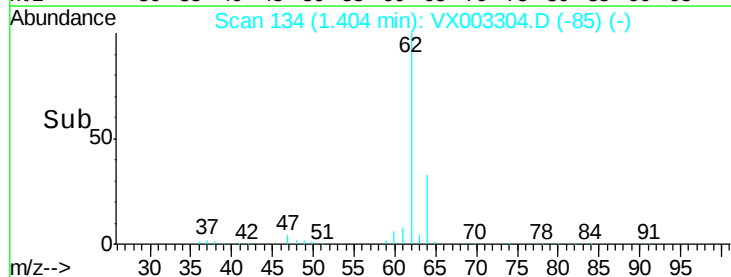
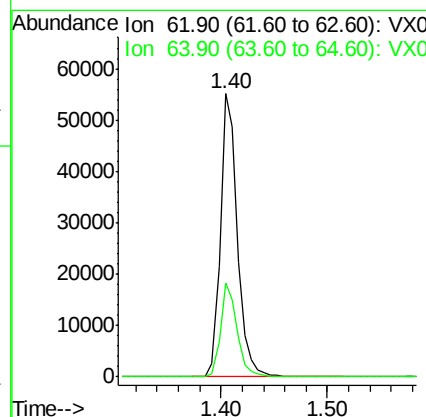
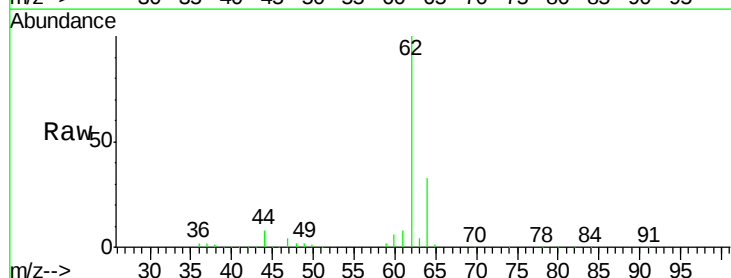
Acq: 11 Jul 2018 01:03

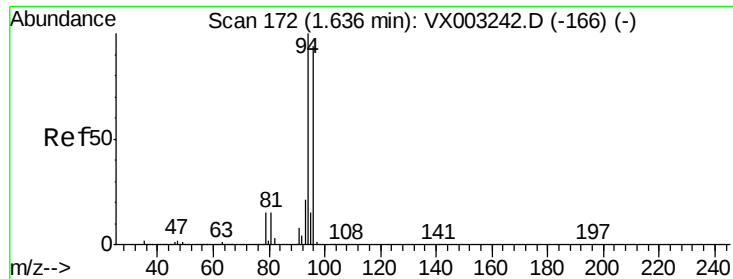
Tgt Ion: 62 Resp: 60498

Ion Ratio Lower Upper

62 100

64 33.1 25.4 38.2





#5

Bromomethane

Concen: 23.91 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS02

Tot Ion: 94 Resp: 23167

Ion Ratio Lower Upper

94 100

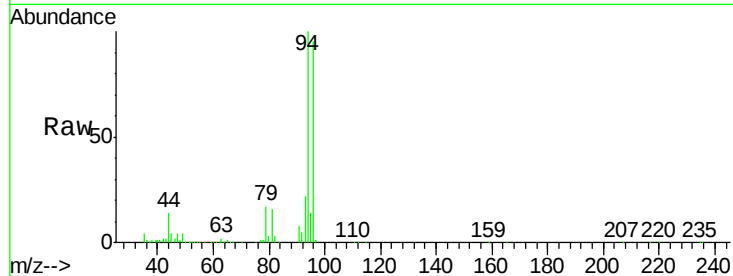
96 95.0 74.9 112.3

Manual Integrations

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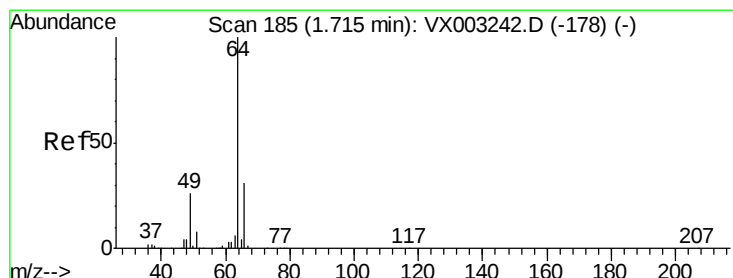
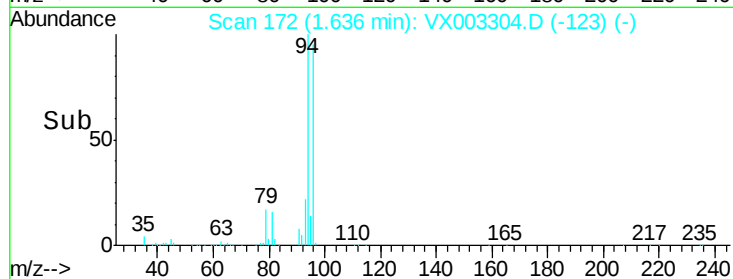
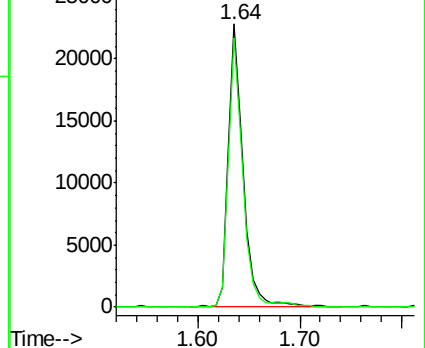
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.40 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003304.D

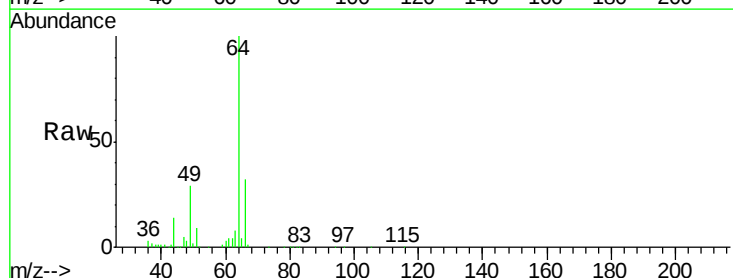
Acq: 11 Jul 2018 01:03

Tgt Ion: 64 Resp: 33503

Ion Ratio Lower Upper

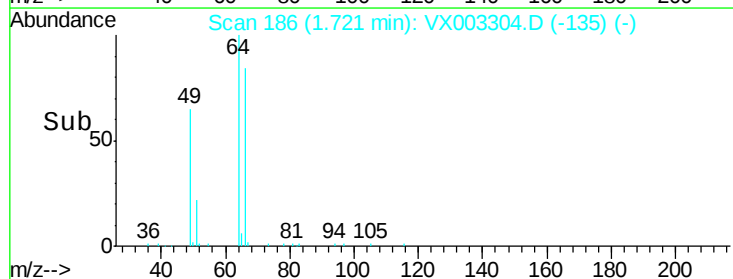
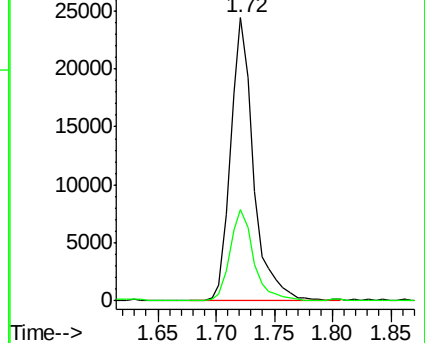
64 100

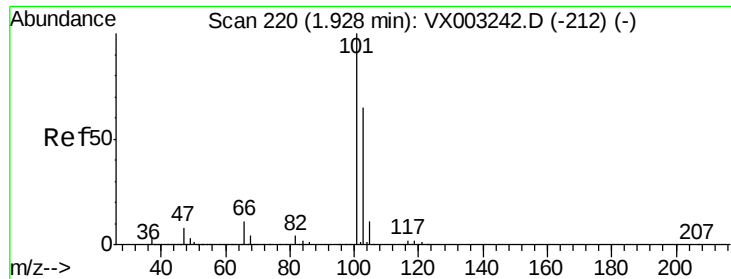
66 32.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

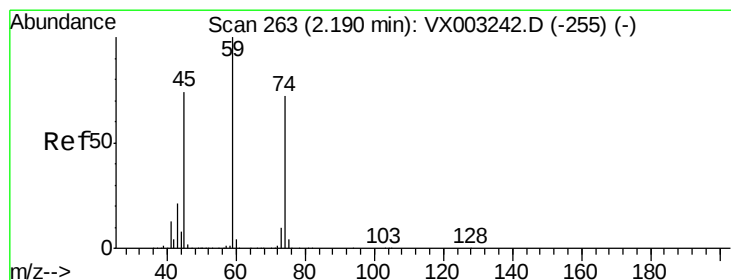
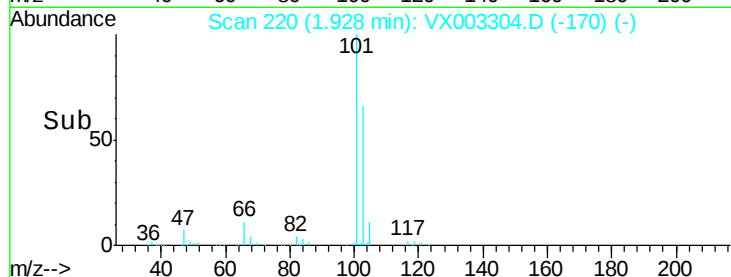
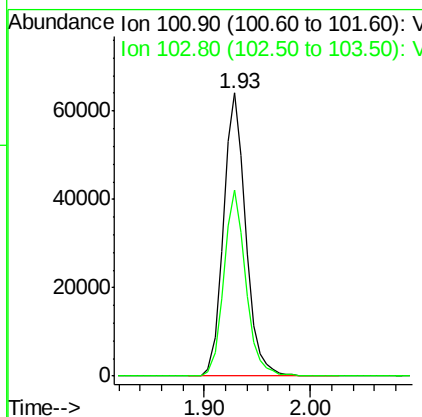
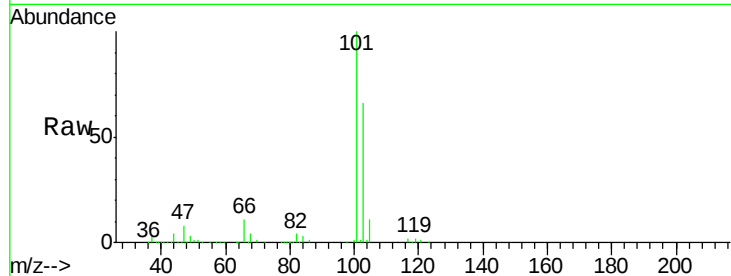
Trichlorofluoromethane
 Concen: 19.23 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

Instrument :
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 ClientSampleId :
 VX0710WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	52.8	79.2

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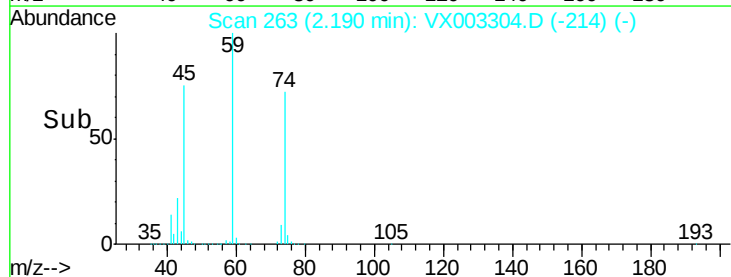
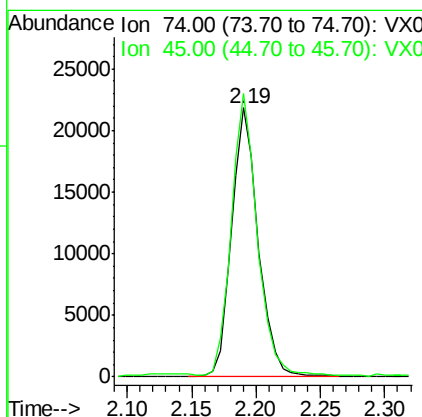
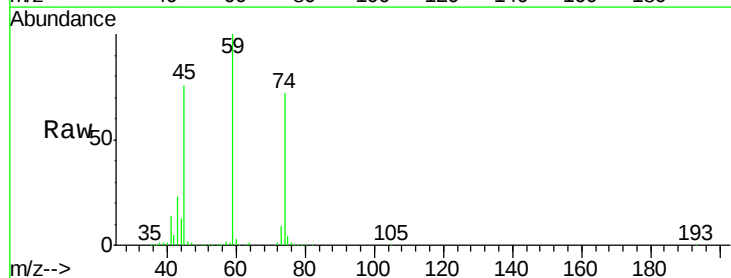
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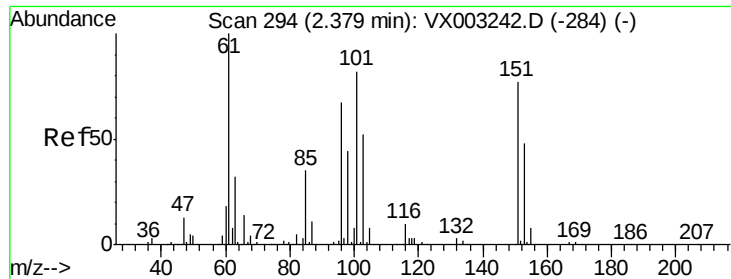


#8

Diethyl Ether
 Concen: 17.84 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.2	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.64 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

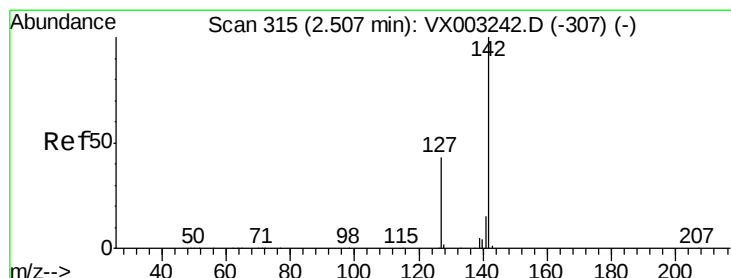
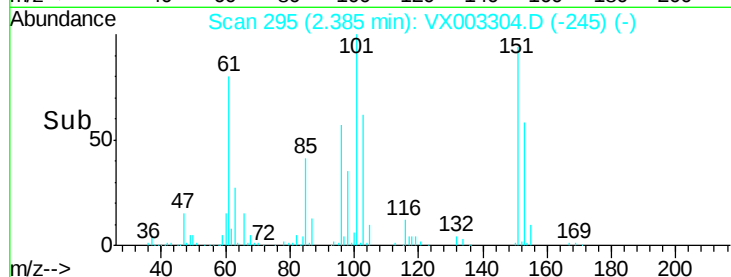
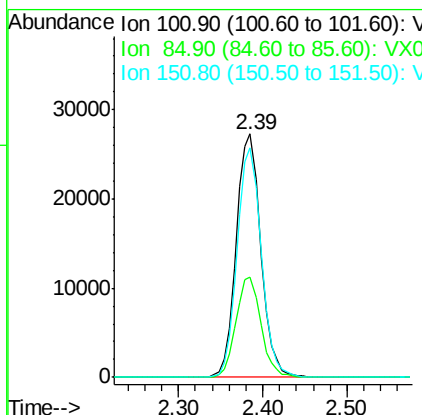
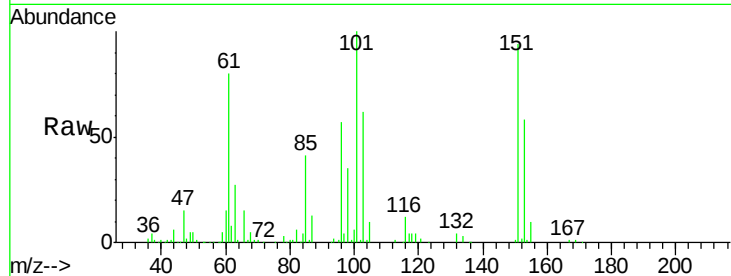
ClientSampleId :

VX0710WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
85	41.9	36.0	54.0
151	93.1	70.9	106.3

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#10

Methyl Iodide

Concen: 20.53 ug/l

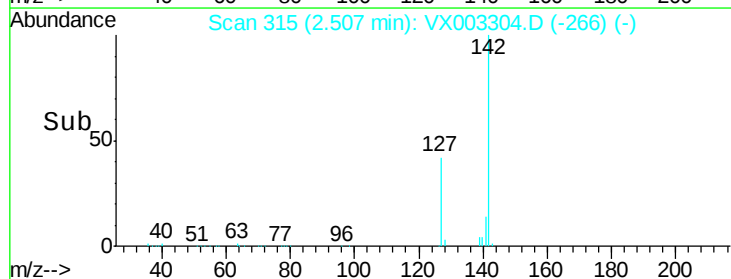
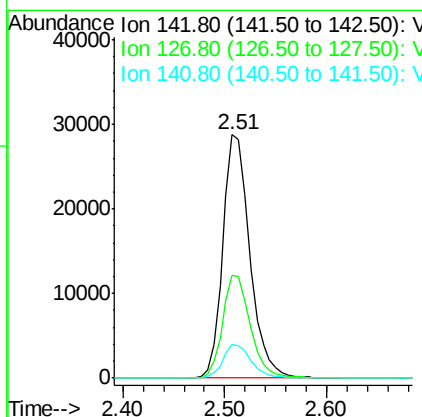
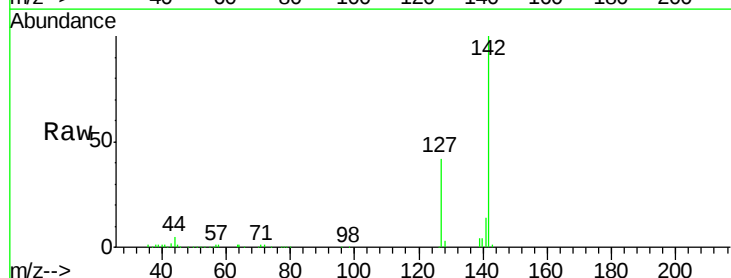
RT: 2.51 min Scan# 315

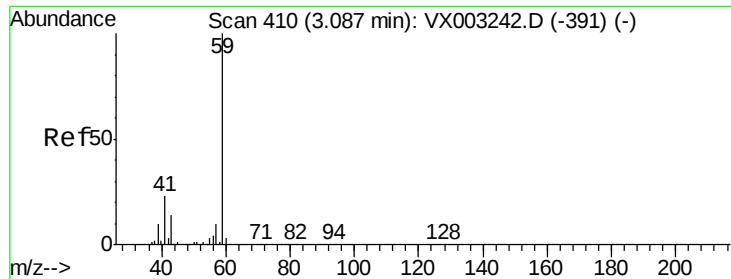
Delta R.T. 0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Tgt Ion	Ratio	Lower	Upper
142	100		
127	43.1	36.6	55.0
141	14.4	11.3	16.9





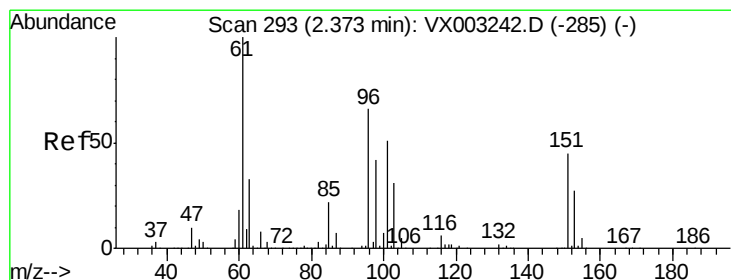
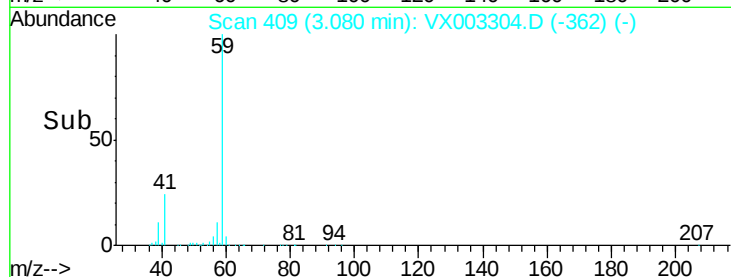
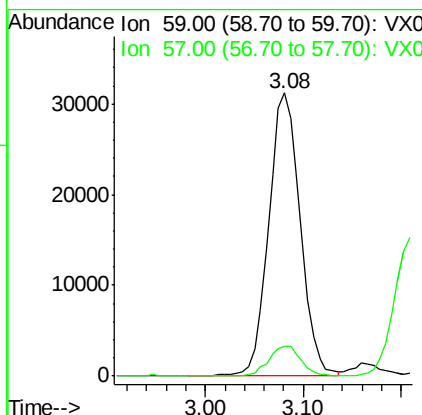
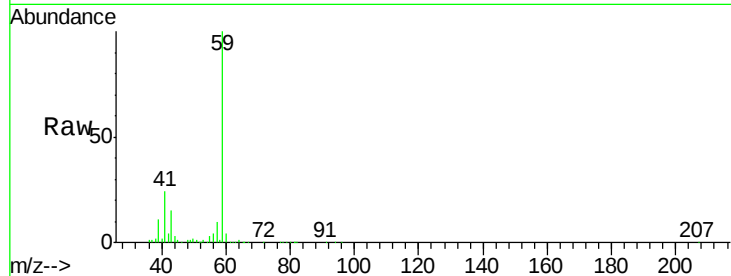
#11
Tert butyl alcohol
Concen: 106.20 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS02

Tot Ion: 59 Resp: 70181
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.2

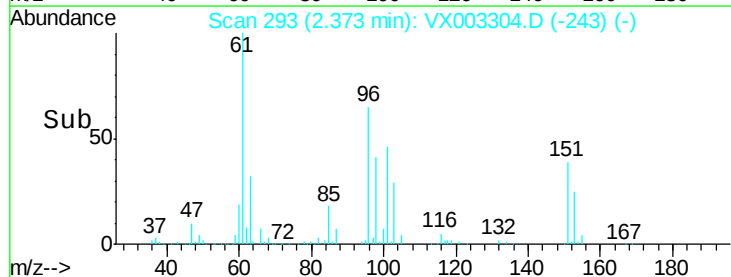
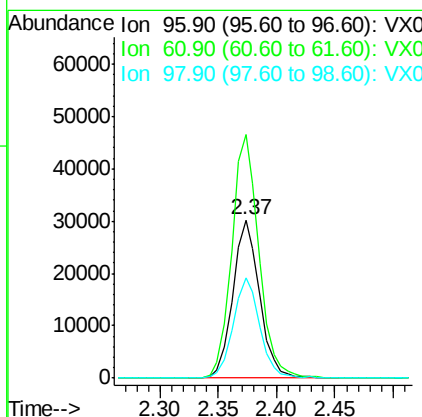
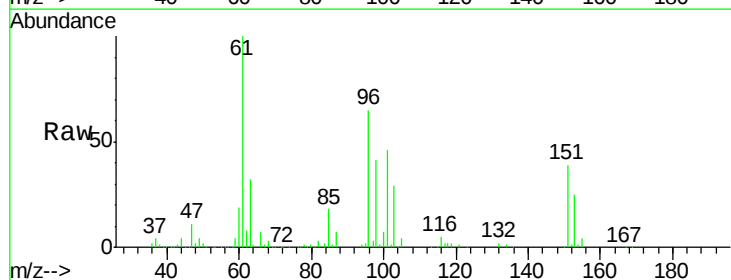
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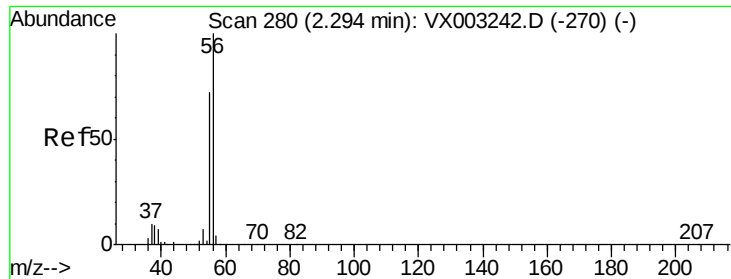
MMDadoda
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#12
1,1-Dichloroethene
Concen: 18.57 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Tgt Ion: 96 Resp: 48329
Ion Ratio Lower Upper
96 100
61 154.1 137.9 206.9
98 63.1 51.6 77.4





#13

Acrolein

Concen: 75.13 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS02

Tot Ion: 56 Resp: 40010

Ion Ratio Lower Upper

56 100

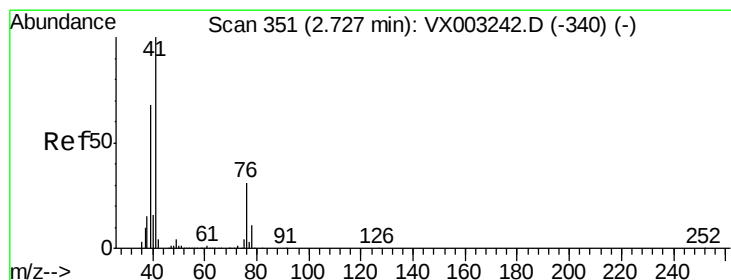
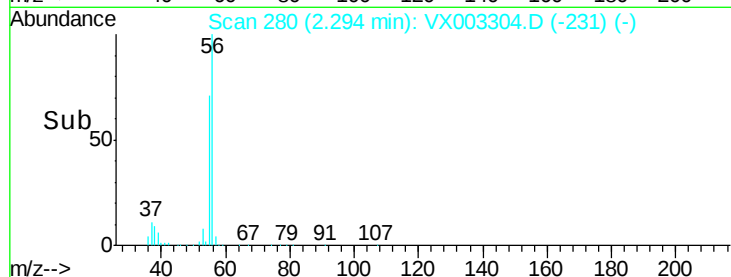
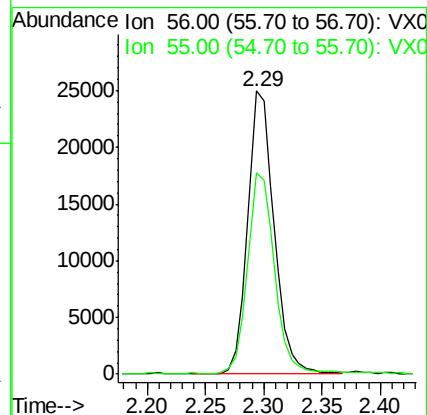
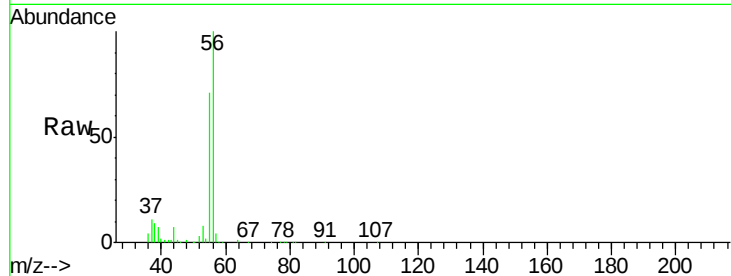
55 71.1 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 17.65 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

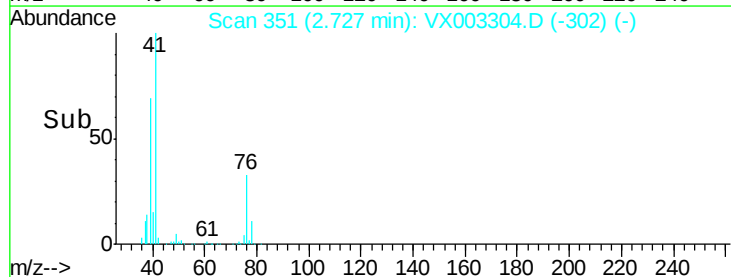
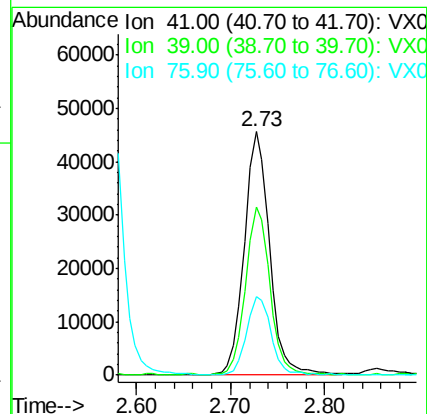
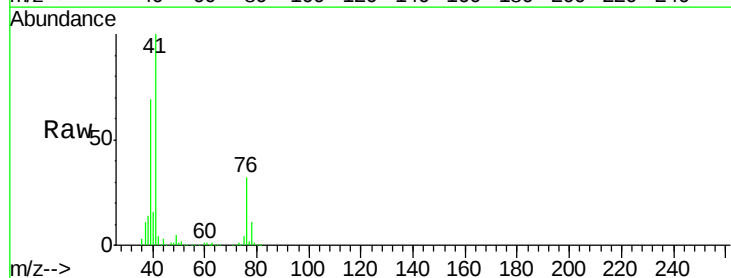
Tgt Ion: 41 Resp: 85105

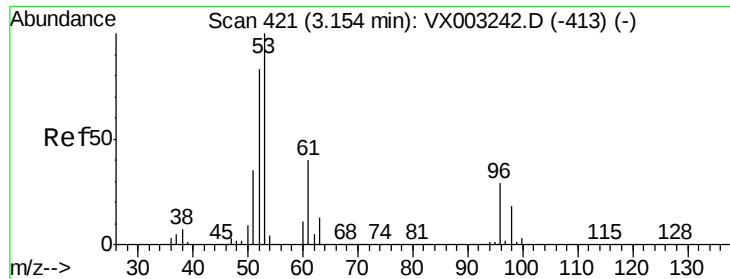
Ion Ratio Lower Upper

41 100

39 66.6 56.8 85.2

76 31.9 23.8 35.8





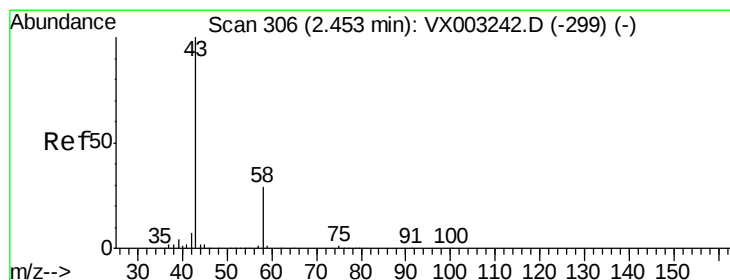
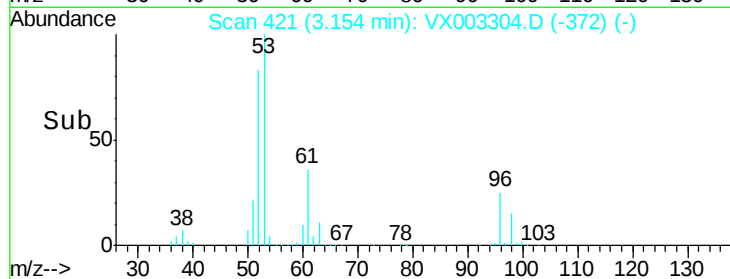
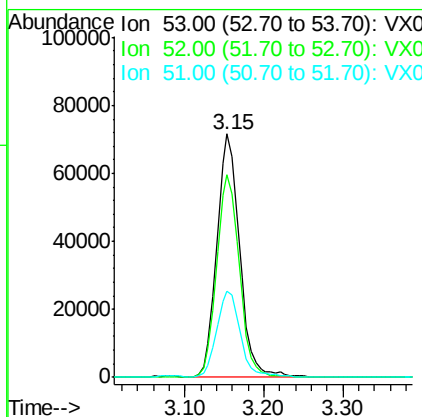
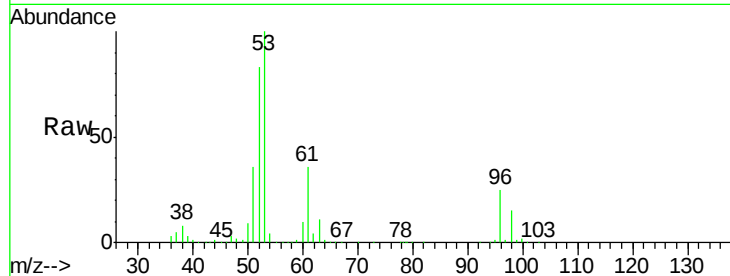
#15
 Acrylonitrile
 Concen: 97.28 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS02

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.7	100.1
51	36.9	29.9	44.9

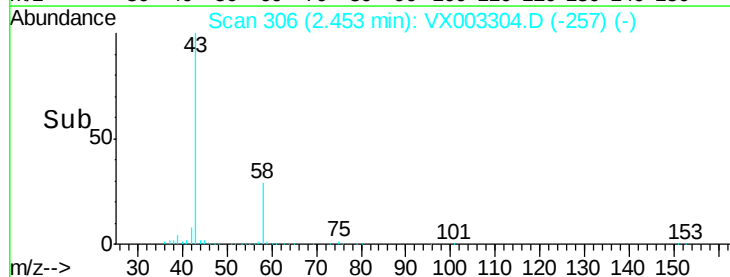
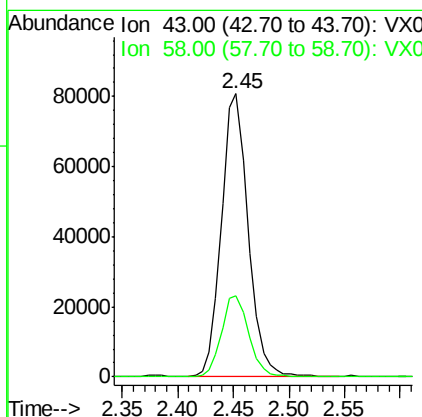
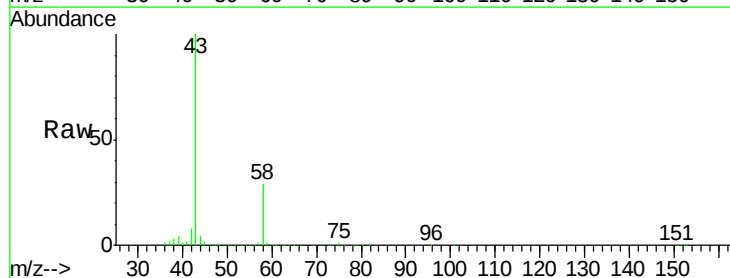
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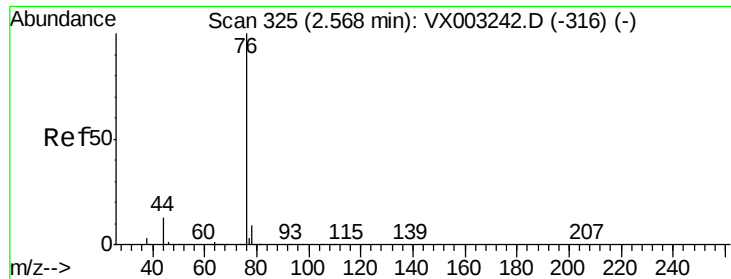
MMDadoda
 7/11/2018 3:09:30 PM



#16
 Acetone
 Concen: 103.45 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. -0.00 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.8	22.1	33.1





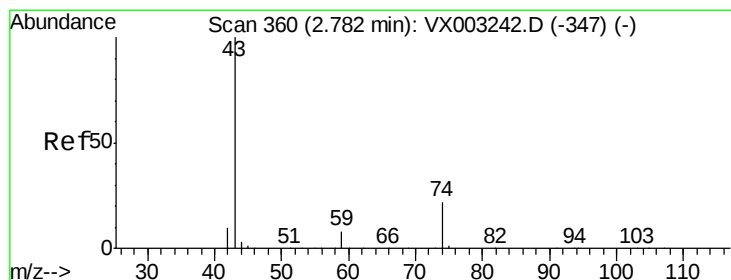
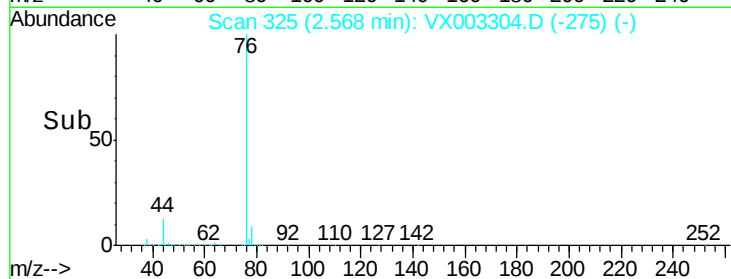
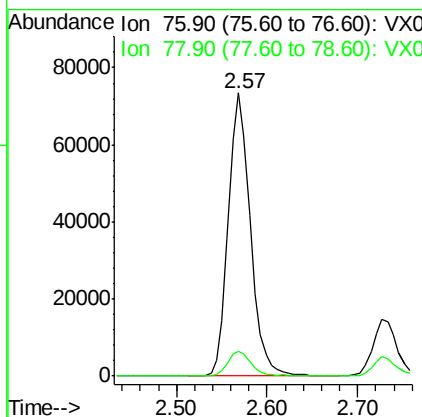
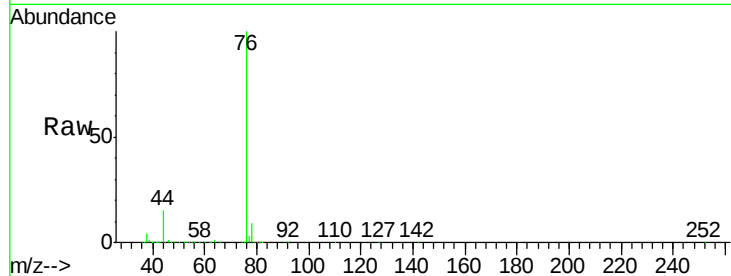
#17
Carbon Disulfide
Concen: 17.24 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	6.9	10.3

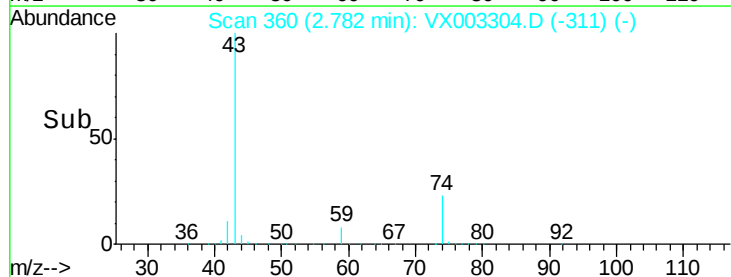
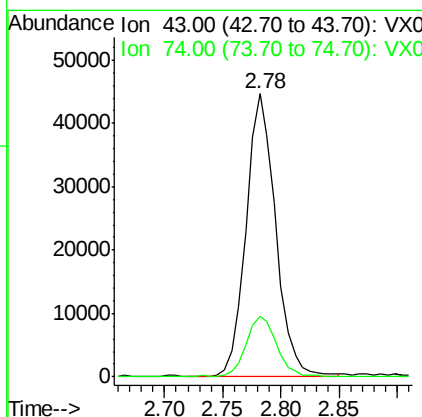
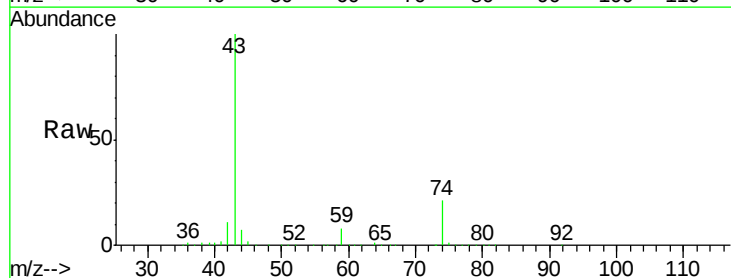
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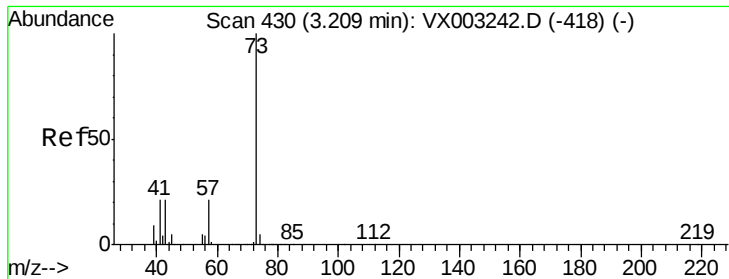
MMDadoda
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#18
Methyl Acetate
Concen: 21.79 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.0	16.7	25.1





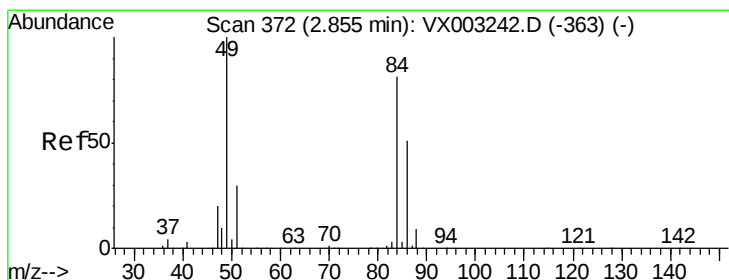
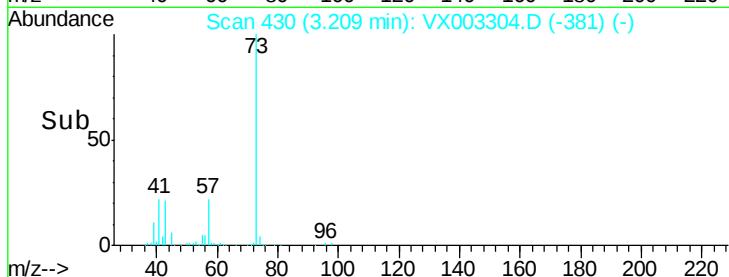
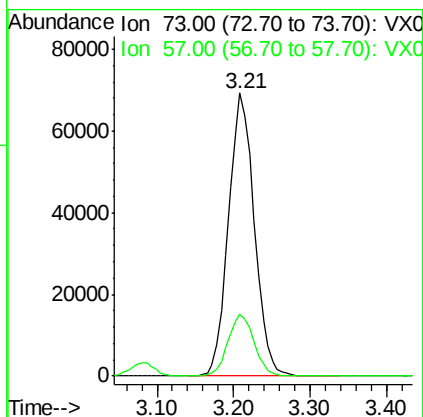
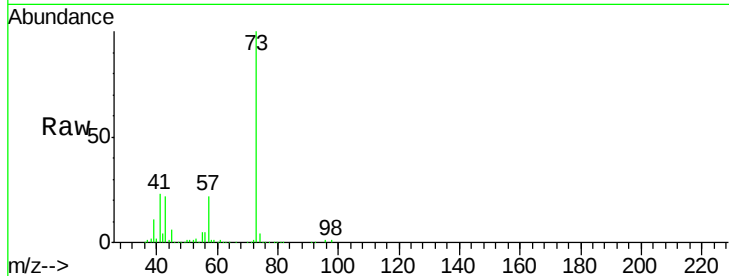
#19
Methyl tert-butyl Ether
Concen: 18.64 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS02

Tot Ion: 73 Resp: 162085
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5

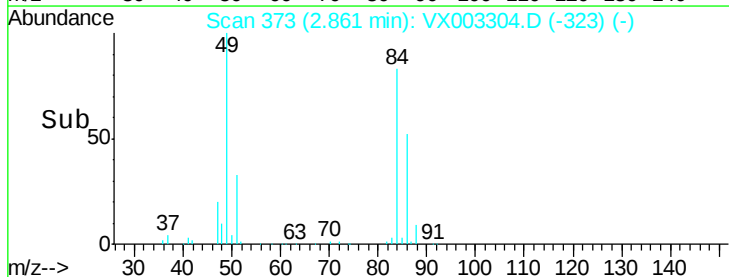
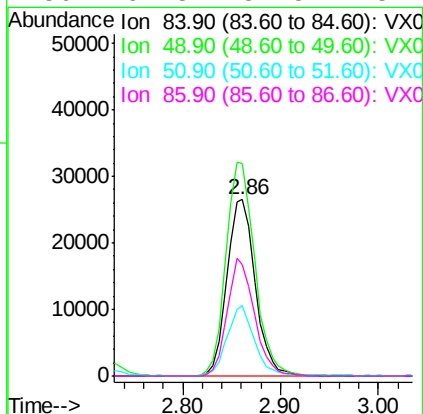
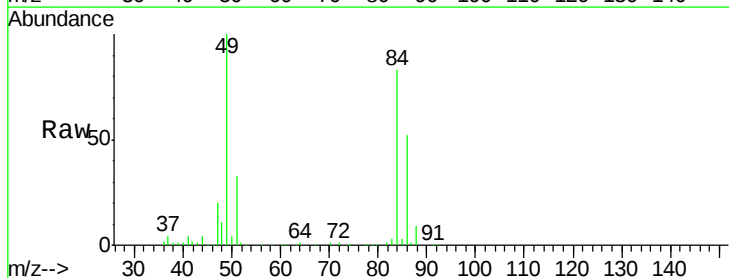
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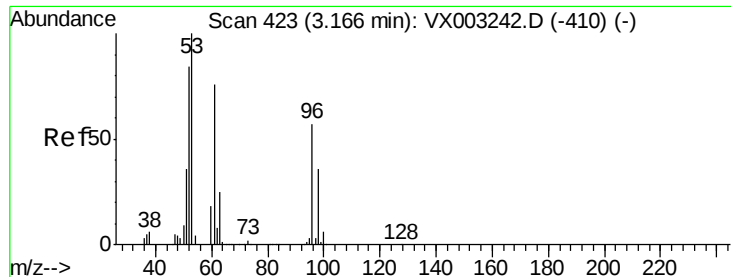
MMDadoda
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#20
Methylene Chloride
Concen: 19.71 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Tgt Ion: 84 Resp: 53412
Ion Ratio Lower Upper
84 100
49 120.5 107.8 161.6
51 40.0 32.8 49.2
86 62.8 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.58 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

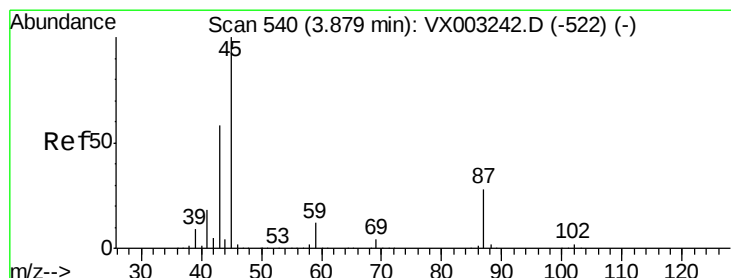
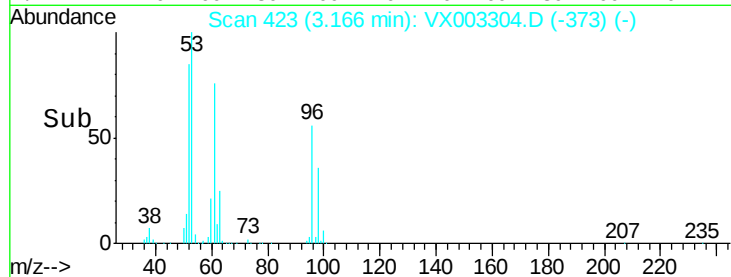
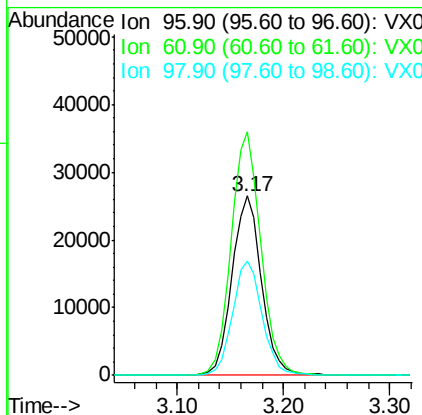
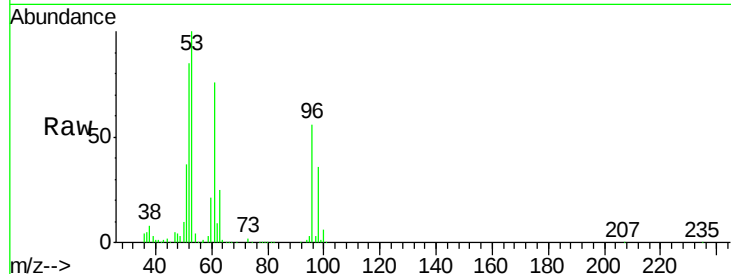
ClientSampleId :

VX0710WBS02

Tot Ion:	96	Resp:	51560
Ion	Ratio	Lower	Upper
96	100		
61	135.7	117.0	175.4
98	63.8	52.4	78.6

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#22

Diisopropyl ether

Concen: 16.89 ug/l

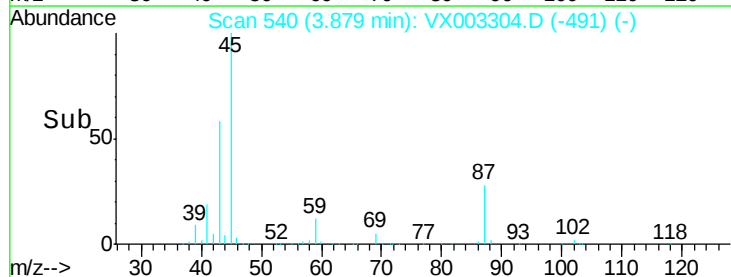
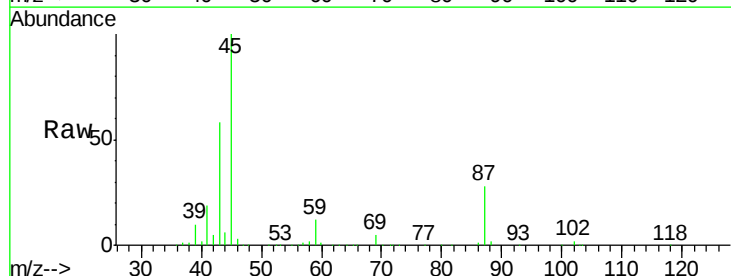
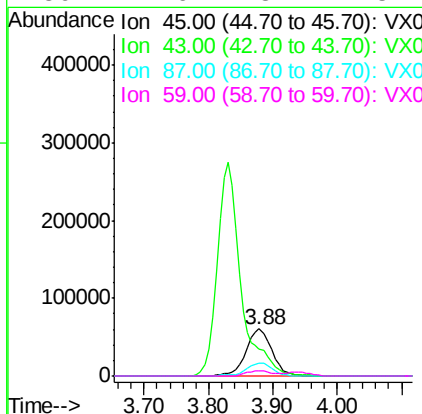
RT: 3.88 min Scan# 540

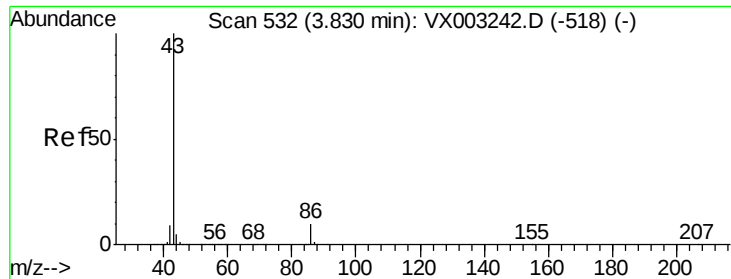
Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Tgt Ion:	45	Resp:	165657
Ion	Ratio	Lower	Upper
45	100		
43	58.0	46.8	70.2
87	27.7	20.2	30.4
59	11.6	8.7	13.1





#23

Vinyl Acetate

Concen: 84.95 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS02

Tot Ion: 43 Resp: 707425

Ion Ratio Lower Upper

43 100

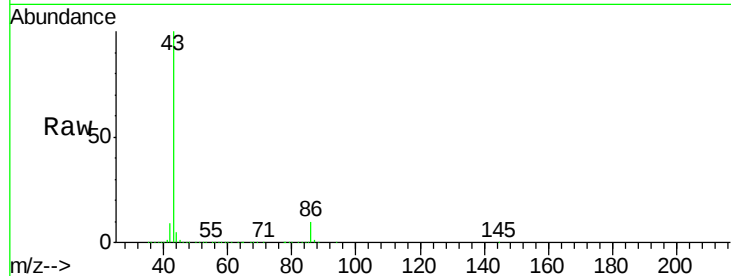
86 10.0 7.4 11.0

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

250000

200000

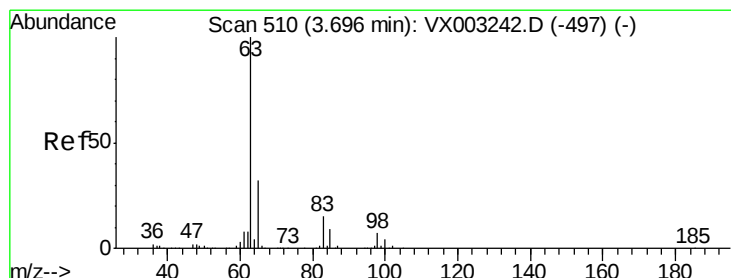
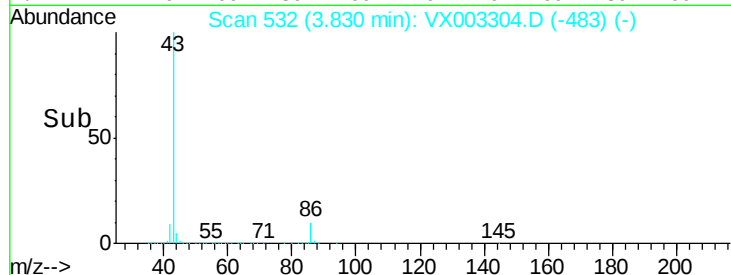
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.53 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

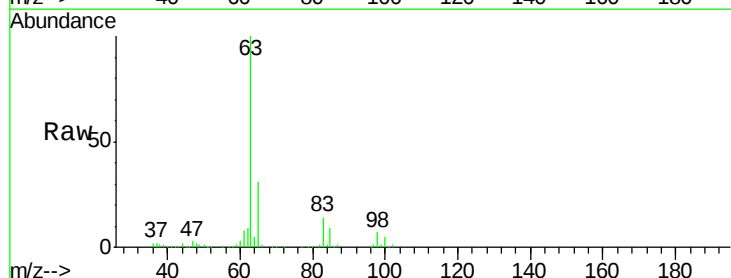
Tgt Ion: 63 Resp: 94583

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.6 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

40000

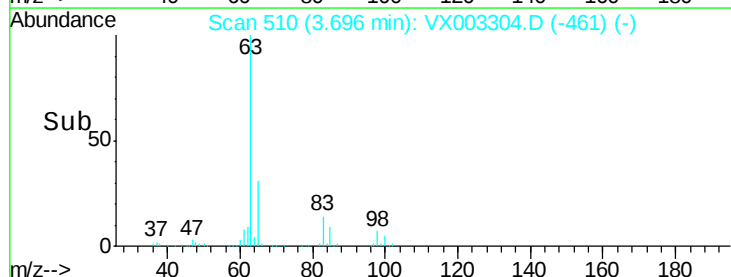
30000

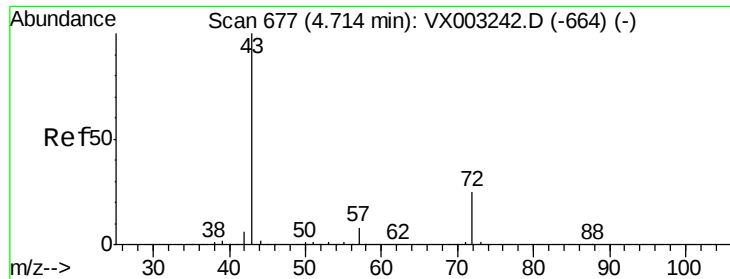
20000

10000

0

Time-->





#25

2-Butanone

Concen: 103.99 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS02

Tot Ion: 43 Resp: 238143

Ion Ratio Lower Upper

43 100

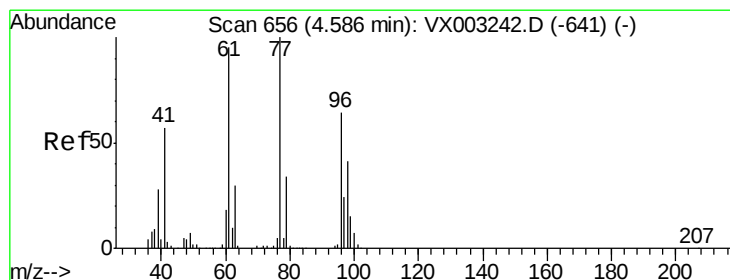
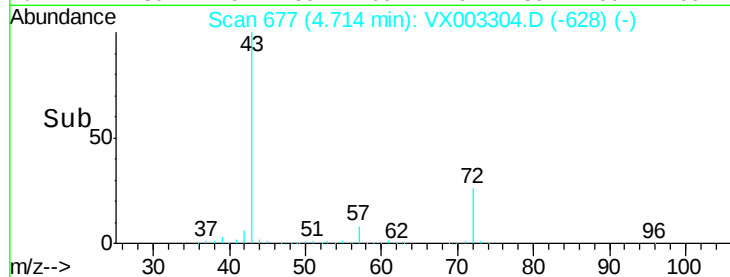
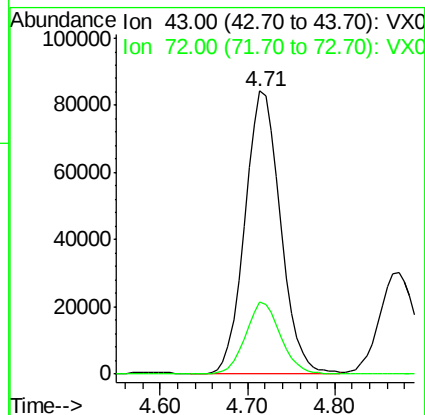
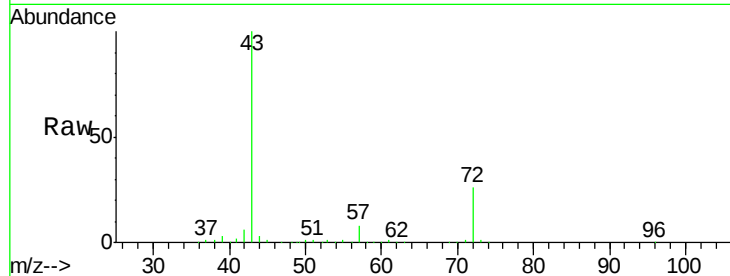
72 25.5 18.5 27.7

Manual Integrations

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7/11/2018 3:09:30 PM



#26

2,2-Dichloropropane

Concen: 11.52 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003304.D

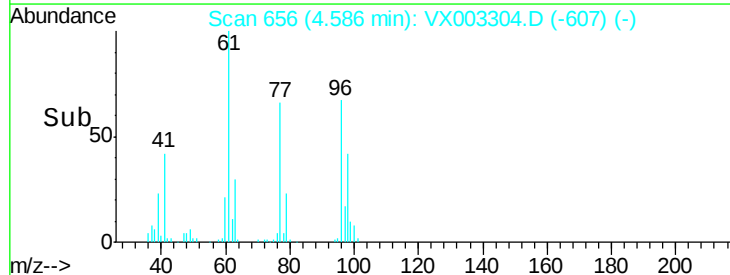
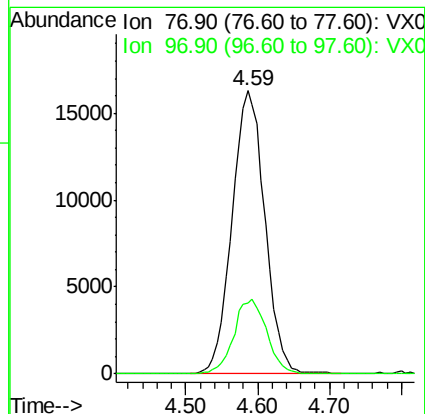
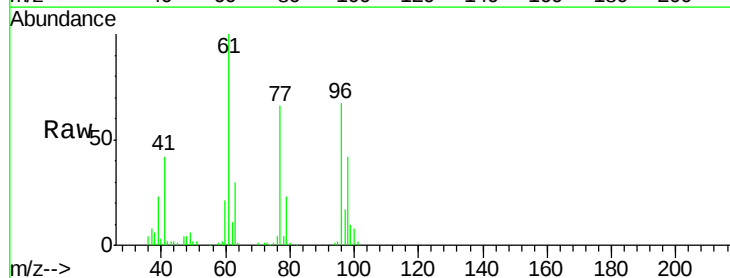
Acq: 11 Jul 2018 01:03

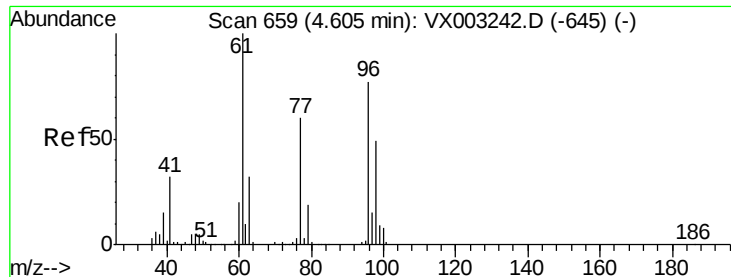
Tgt Ion: 77 Resp: 51431

Ion Ratio Lower Upper

77 100

97 26.4 11.2 33.5





#27

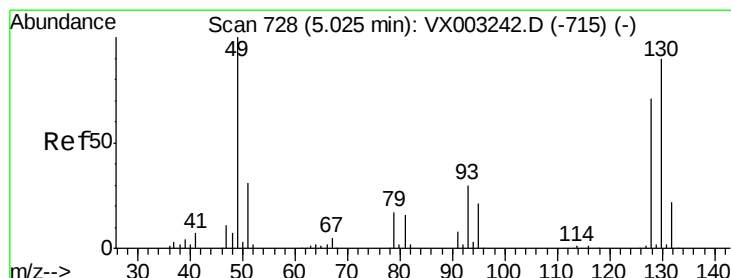
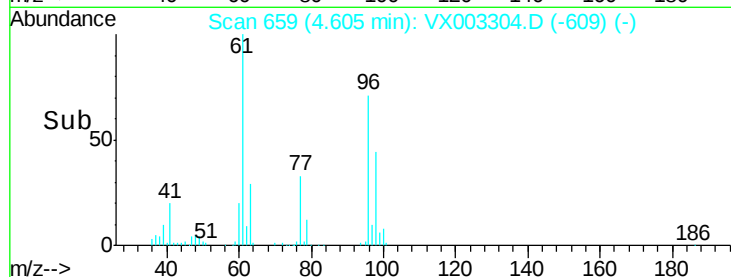
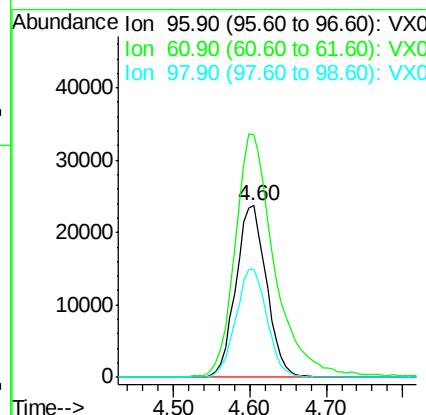
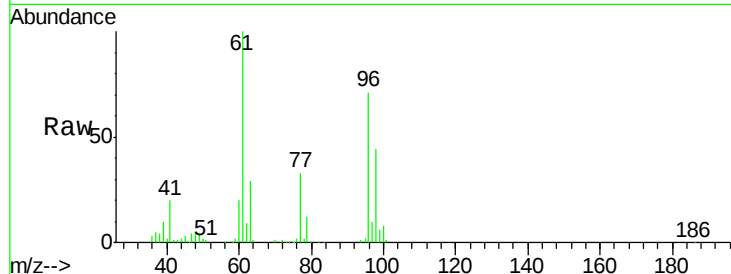
cis-1,2-Dichloroethene
 Concen: 19.38 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.01 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	66088		
61	182.6	0.0	330.2	
98	64.0	0.0	130.2	

Manual Integrations
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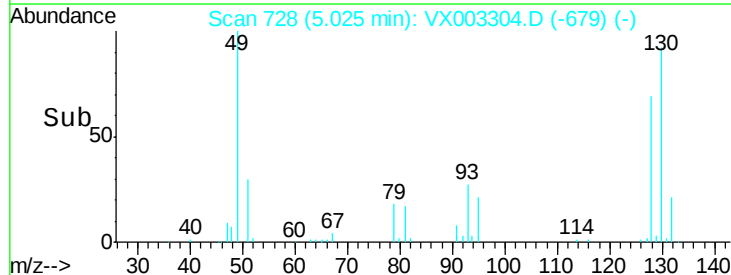
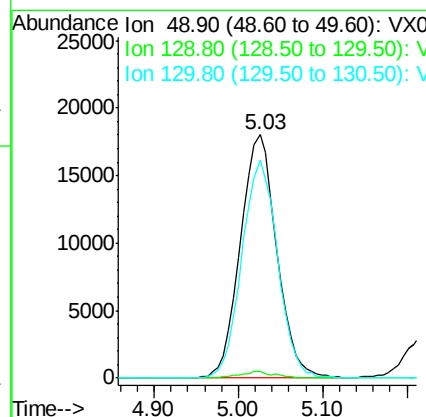
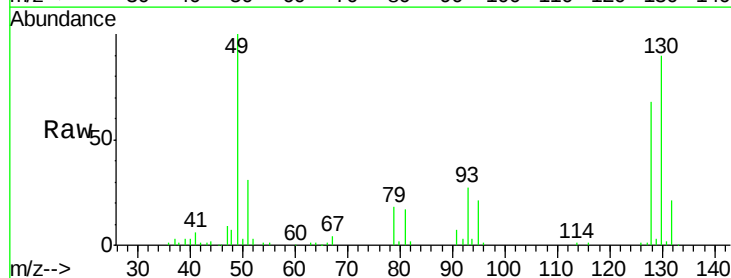
MMDadoda
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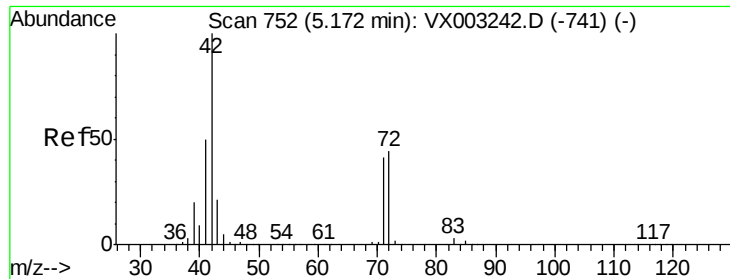


#28

Bromochloromethane
 Concen: 20.48 ug/l
 RT: 5.03 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	52681		
129	2.6	0.0	4.2	
130	88.1	61.2	91.8	





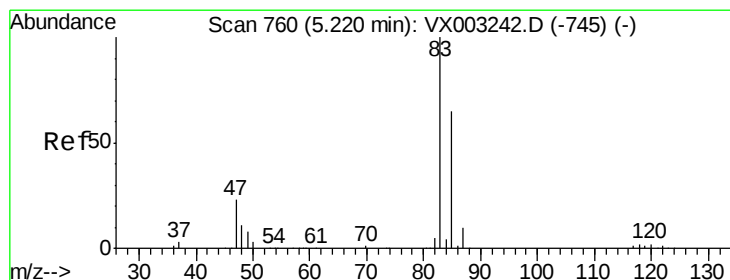
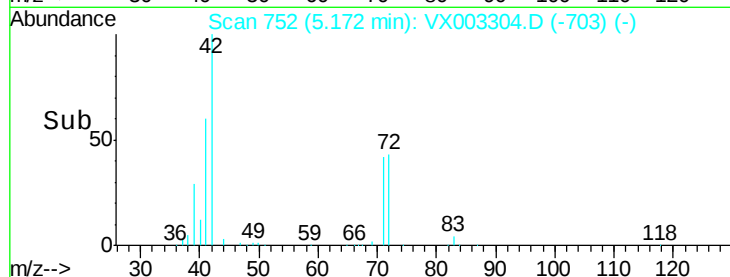
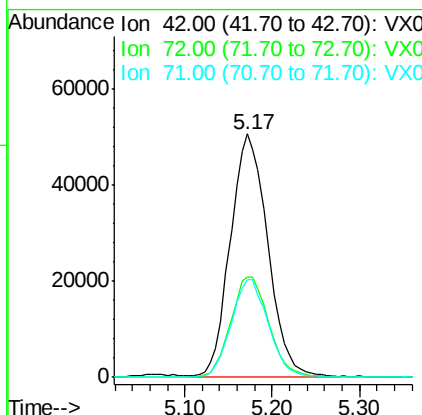
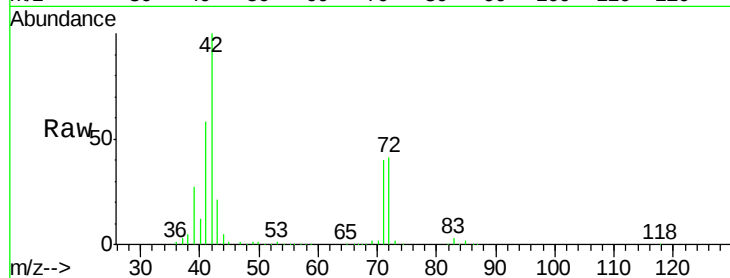
#29
Tetrahydrofuran
Concen: 100.58 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.4	32.0	48.0
71	40.1	30.1	45.1

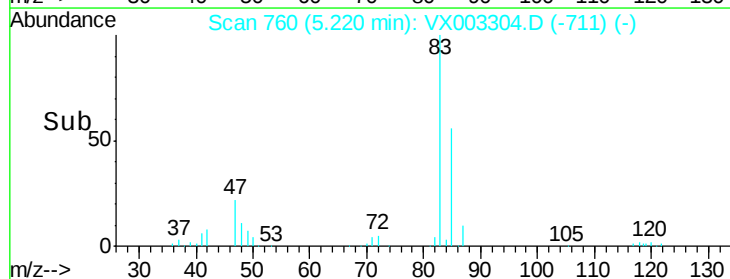
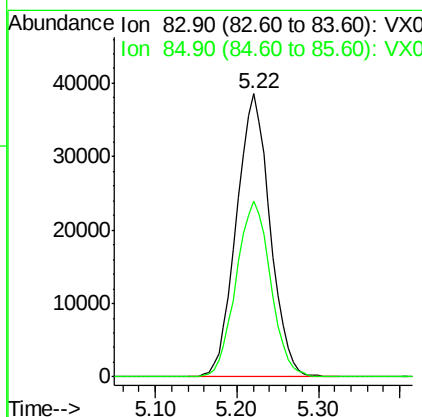
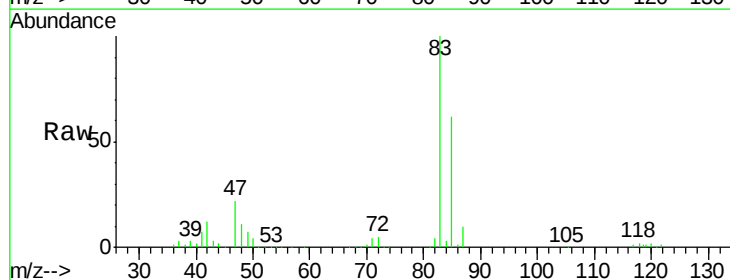
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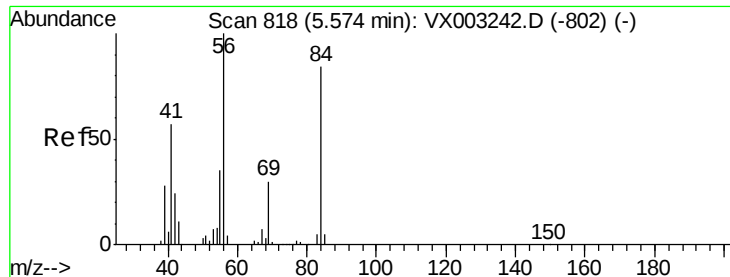
MMDadoda
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#30
Chloroform
Concen: 19.61 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.1	50.4	75.6





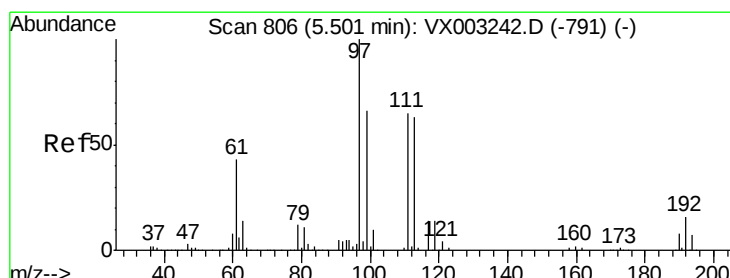
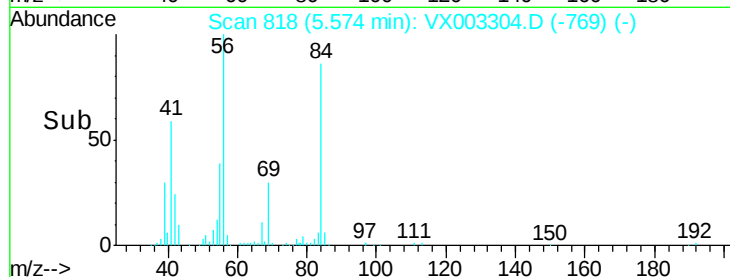
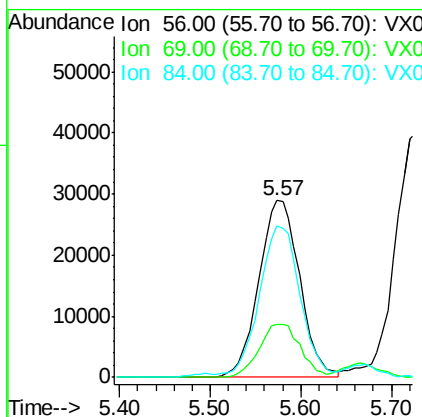
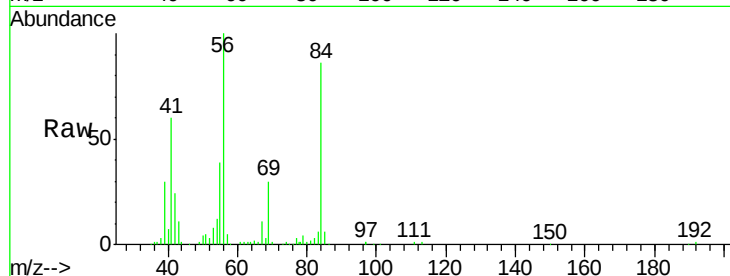
#31
Cyclohexane
Concen: 18.87 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.2	23.7	35.5
84	84.8	64.1	96.1

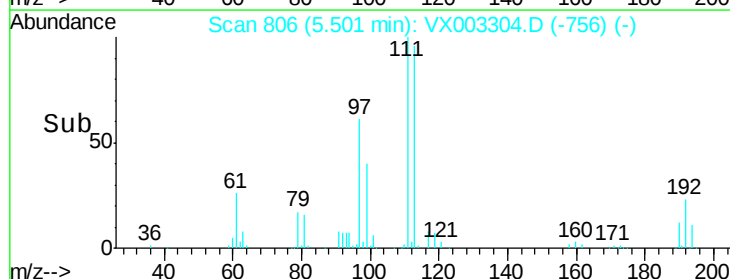
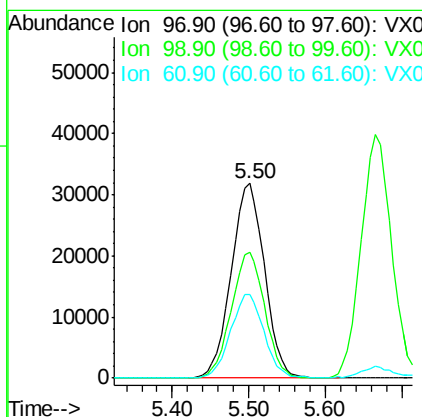
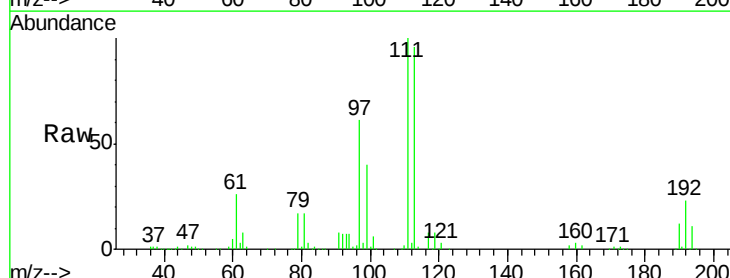
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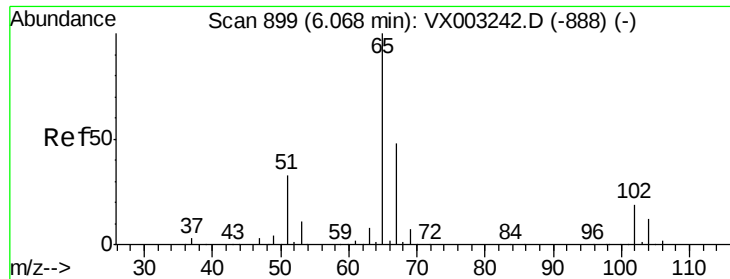
MMDadoda
7/11/2018 3:09:30 PM



#32
1,1,1-Trichloroethane
Concen: 19.41 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.6	77.4
61	43.2	36.4	54.6





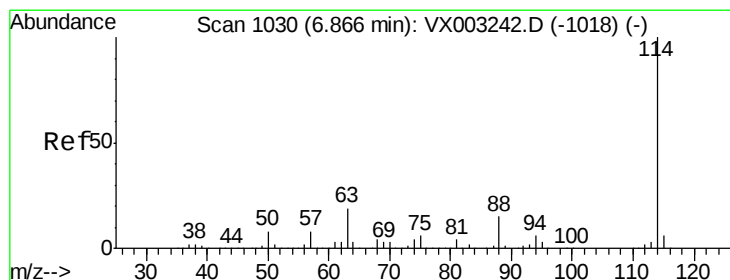
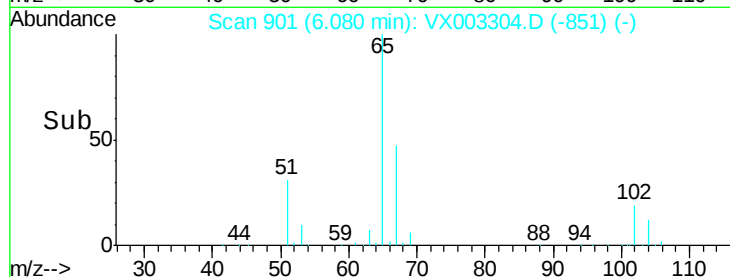
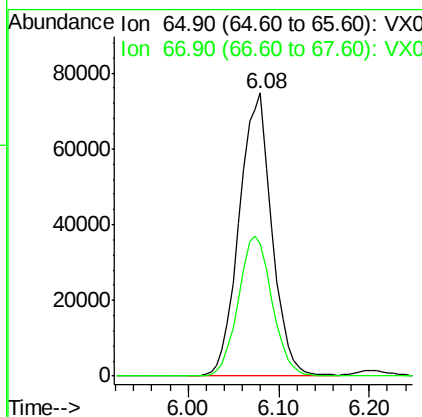
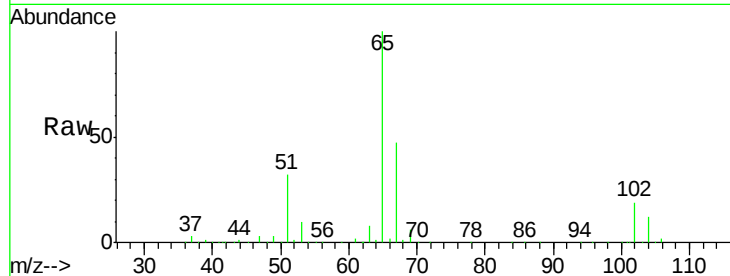
#33
 1,2-Dichloroethane-d4
 Concen: 51.04 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	186039		
67	51.4	0.0	102.6	

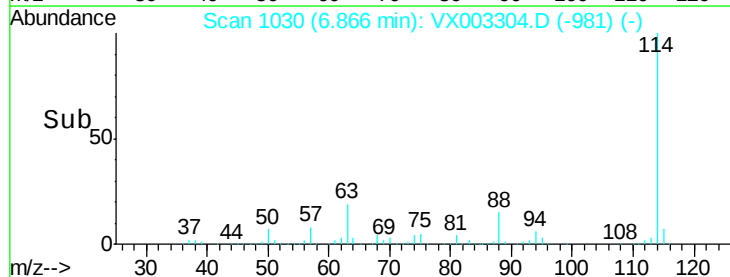
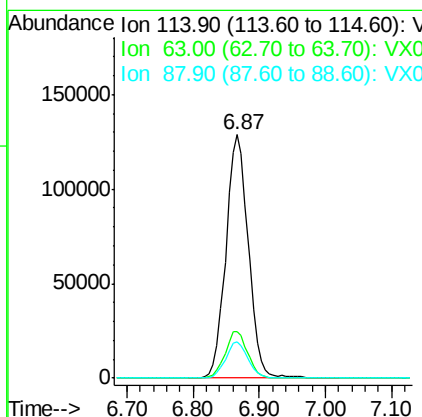
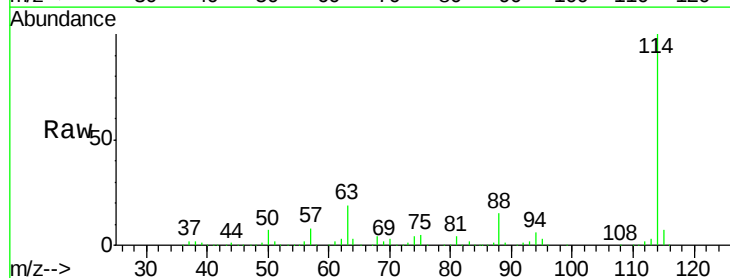
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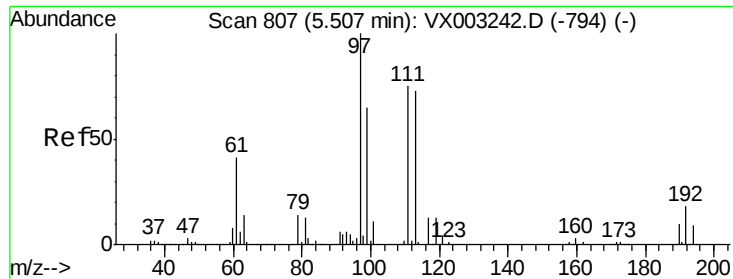
MMDadoda
 7/11/2018 3:09:30 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	302387		
63	19.1	0.0	41.4	
88	15.0	0.0	30.0	





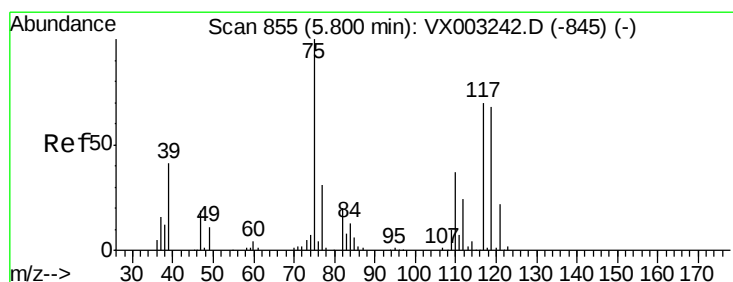
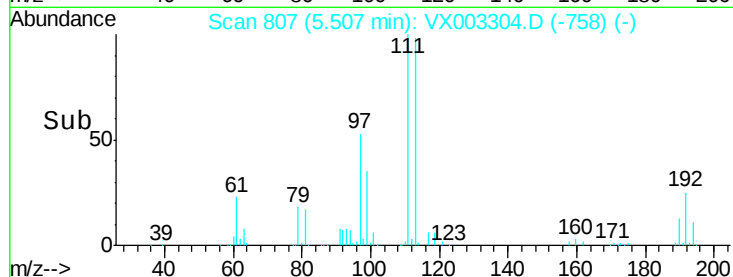
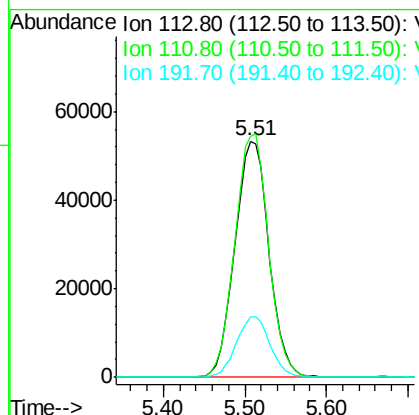
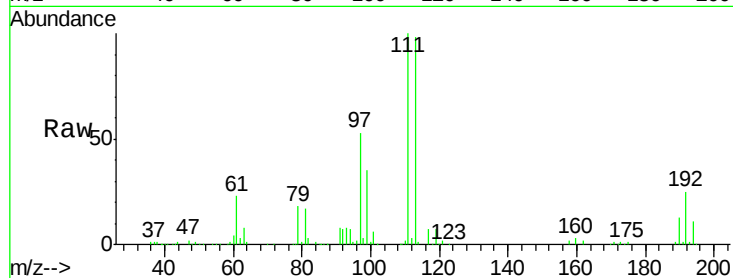
#35
 Dibromofluoromethane
 Concen: 47.37 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	153900		
111	102.1	81.4	122.0	
192	25.3	19.1	28.7	

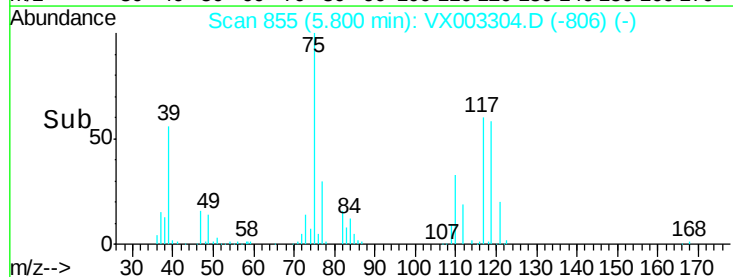
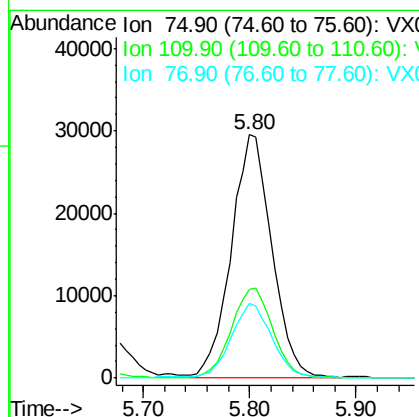
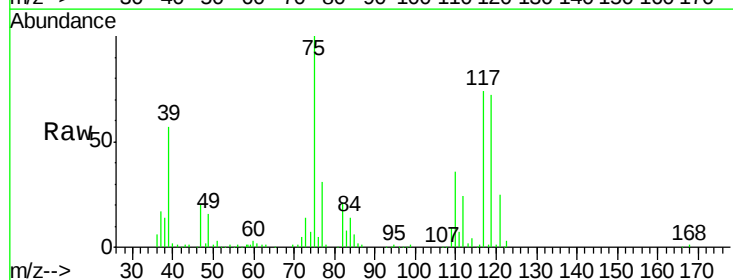
Manual Integrations
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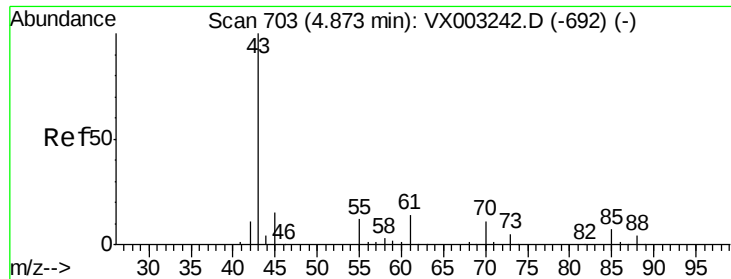
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#36
 1,1-Dichloropropene
 Concen: 18.25 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	78126		
110	38.3	18.1	54.4	
77	30.6	24.3	36.5	





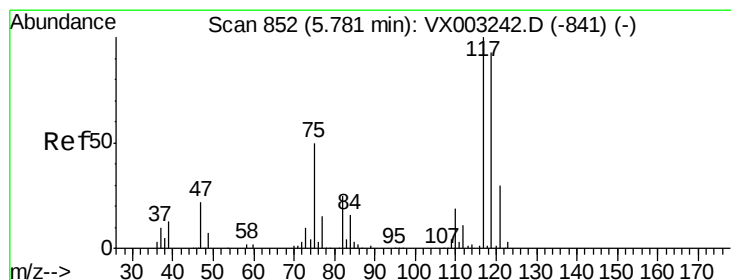
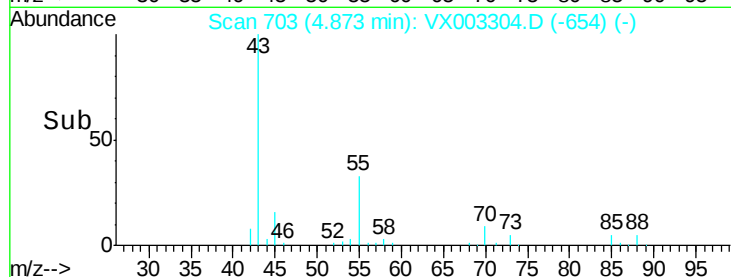
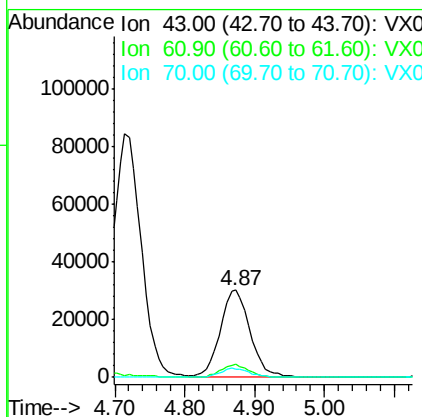
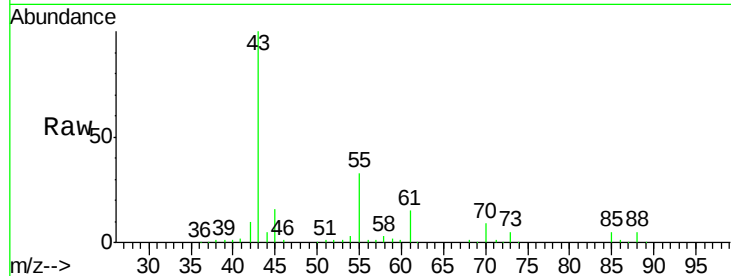
#37
Ethyl Acetate
Concen: 18.94 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.4	15.6
70	10.3	7.6	11.4

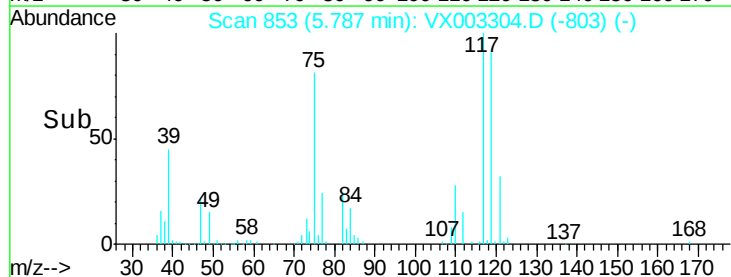
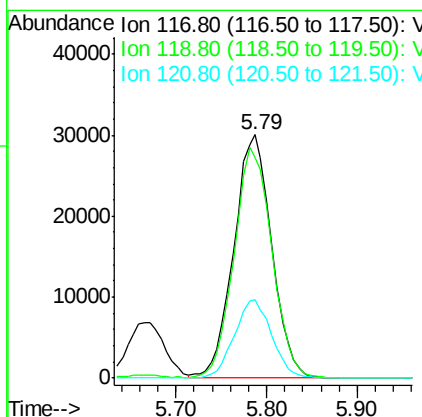
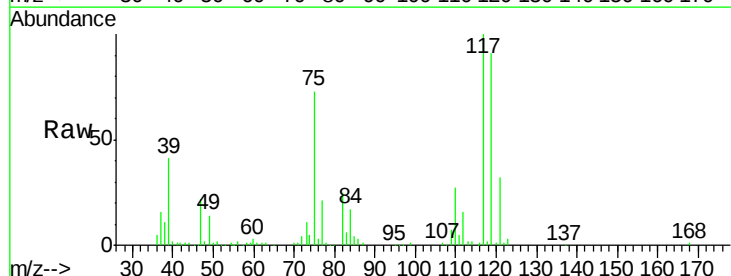
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#38
Carbon Tetrachloride
Concen: 18.62 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.8	77.4	116.0
121	32.3	24.4	36.6





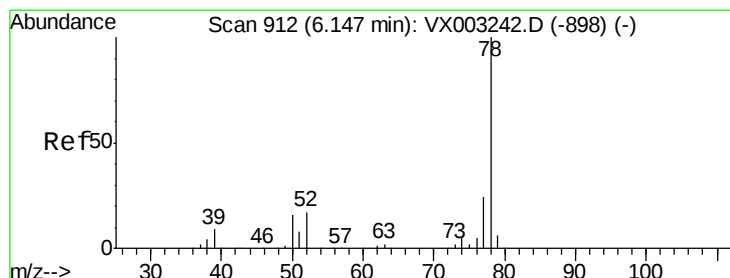
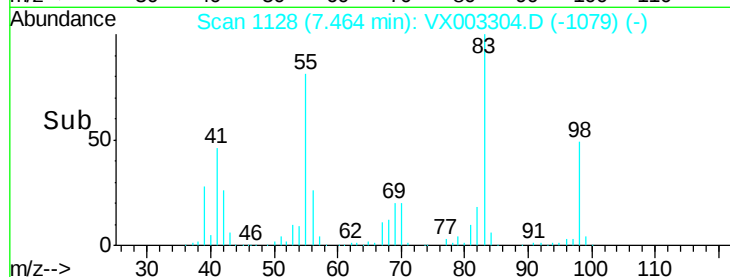
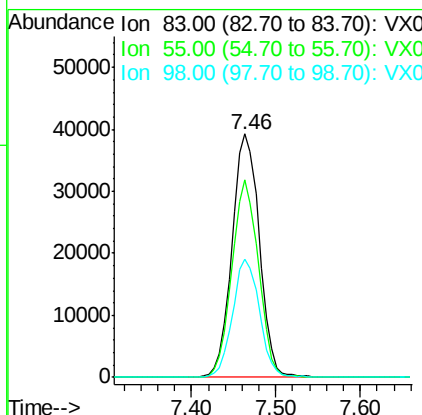
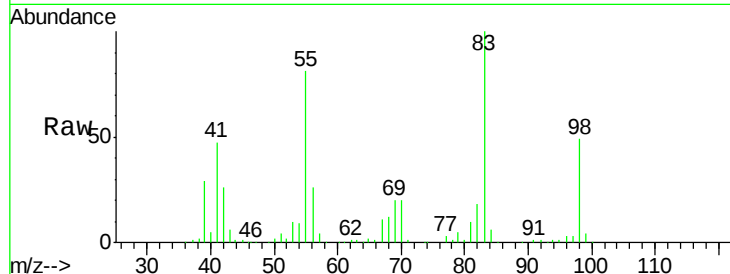
#39
Methvlcvclohexane
Concen: 16.98 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.9	65.4	98.0
98	48.6	37.4	56.0

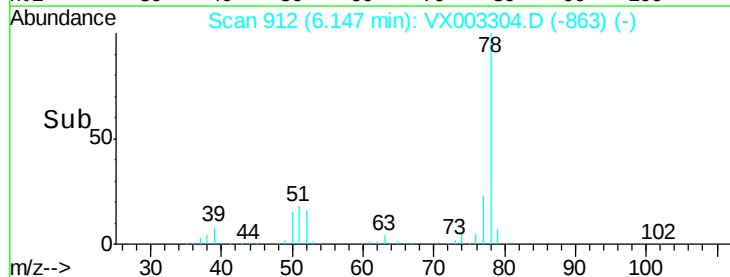
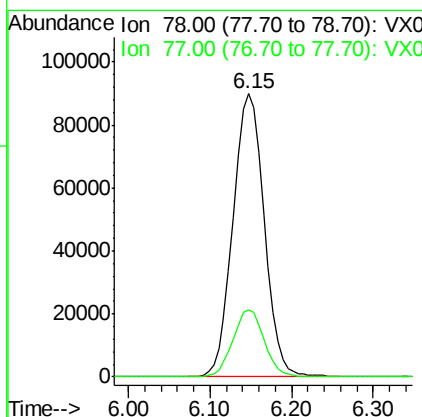
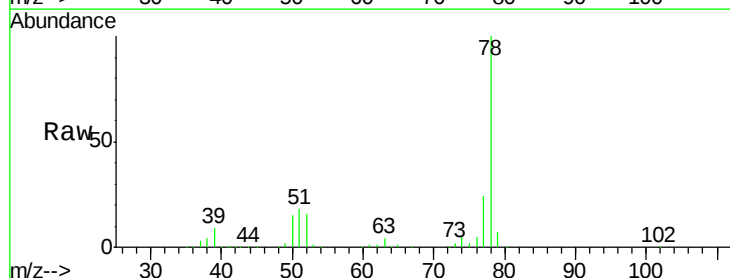
Manual Integrations
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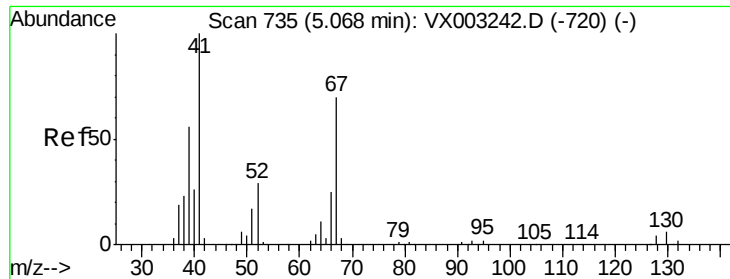
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#40
Benzene
Concen: 18.82 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.1	28.7





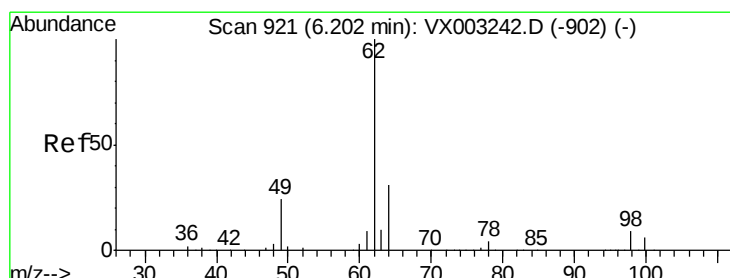
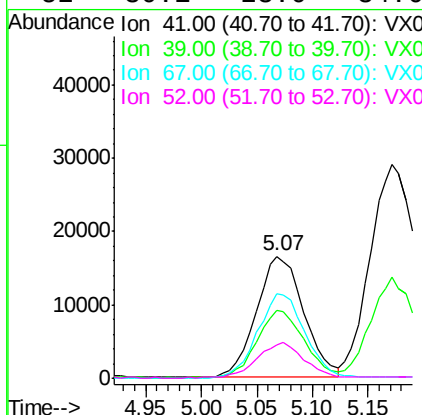
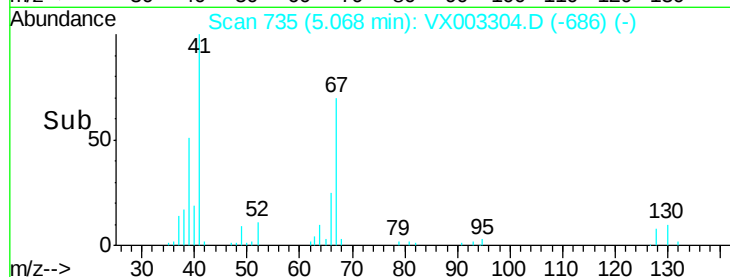
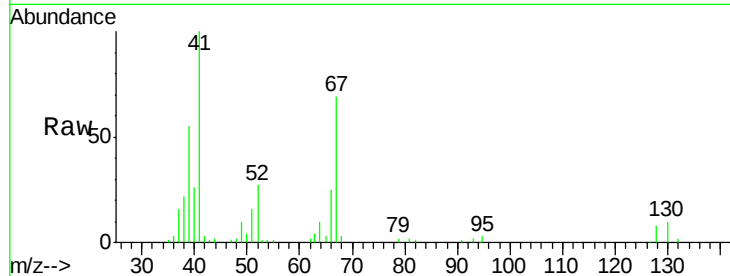
#41
Methacrylonitrile
Concen: 19.08 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS02

Tot Ion	41	Resp	49022
Ion Ratio	Lower	Upper	
41	100		
39	55.1	45.8	68.6
67	70.1	51.3	76.9
52	30.1	23.0	34.6

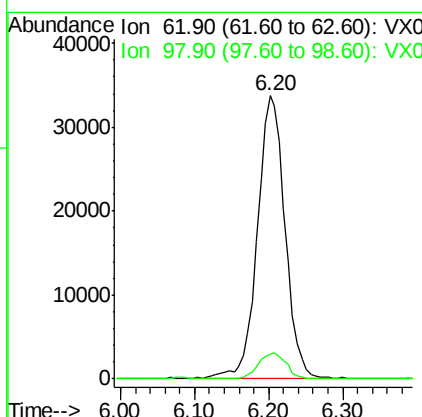
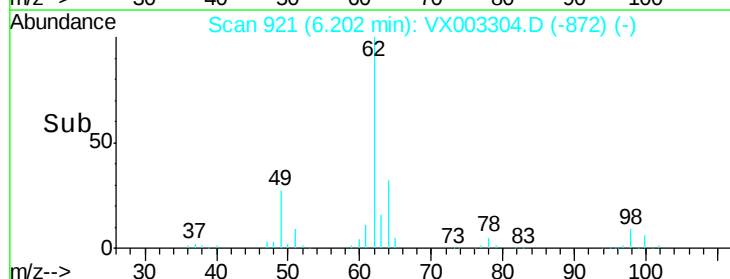
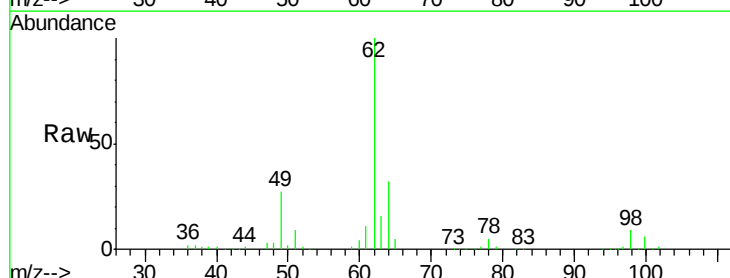
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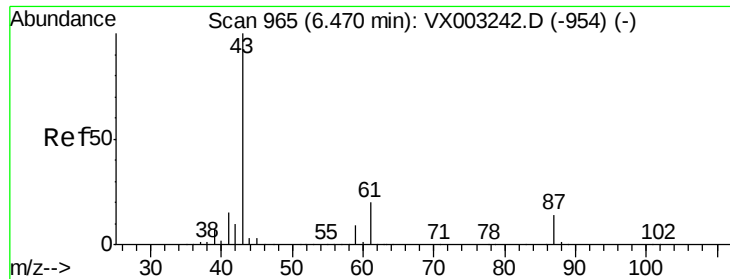
MMDadoda
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#42
1,2-Dichloroethane
Concen: 18.50 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Tgt Ion	62	Resp	87680
Ion Ratio	Lower	Upper	
62	100		
98	9.3	0.0	16.6





#43

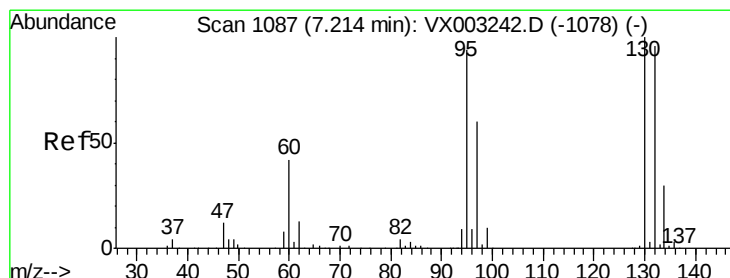
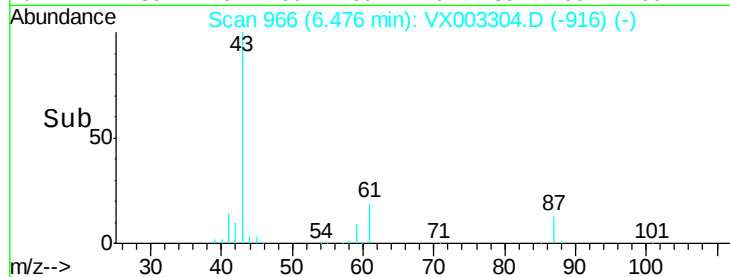
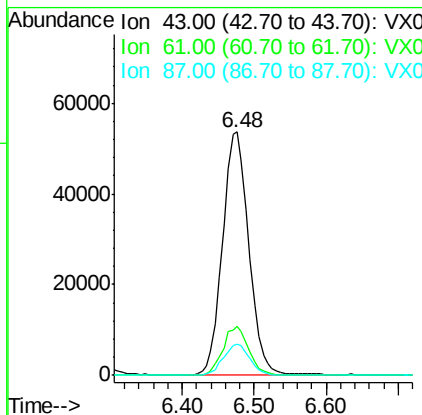
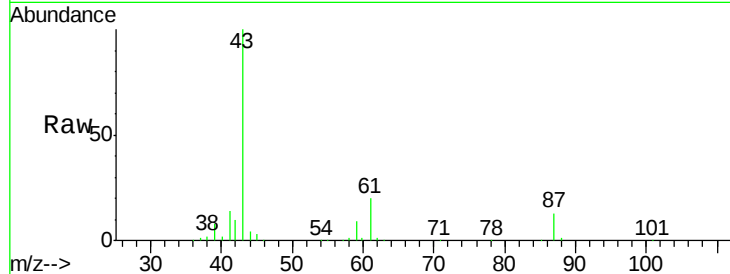
Isopropyl Acetate
 Concen: 18.41 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS02

Tot Ion	43	Resp	135700
Ion Ratio	100	Lower	Upper
43	100		
61	19.9	14.4	21.6
87	13.0	9.5	14.3

Manual Integrations
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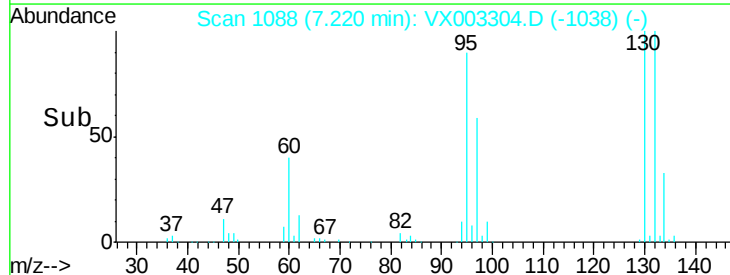
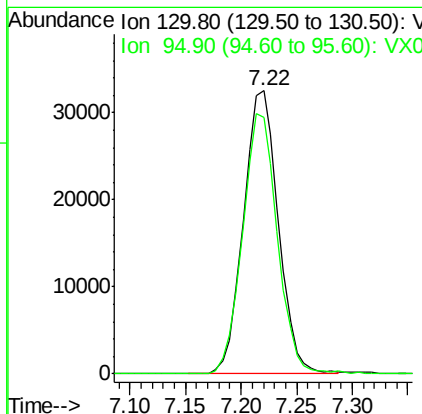
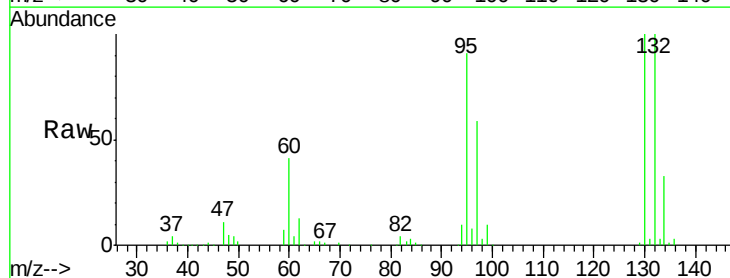
MMDadoda
 7/11/2018 3:09:30 PM

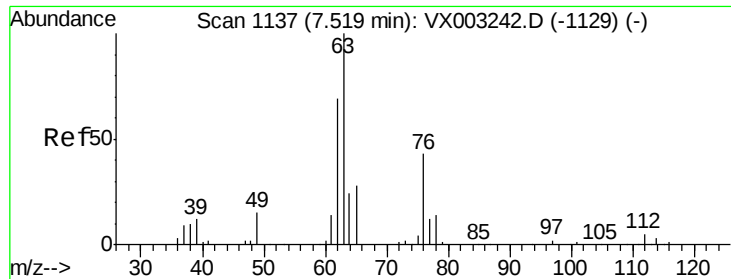


#44

Trichloroethene
 Concen: 18.90 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

Tgt Ion	130	Resp	70916
Ion Ratio	100	Lower	Upper
130	100		
95	90.6	0.0	185.4





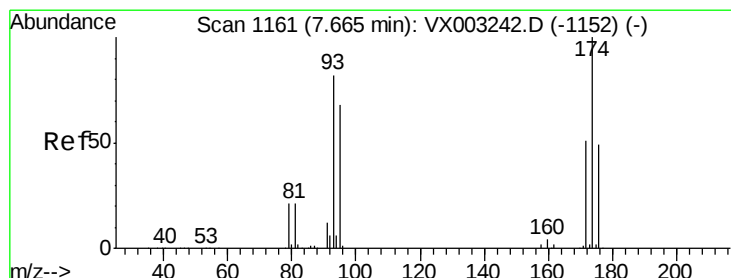
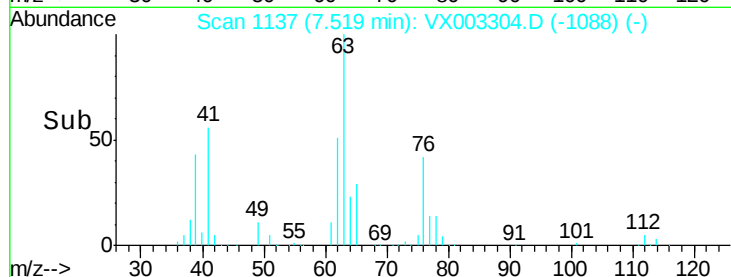
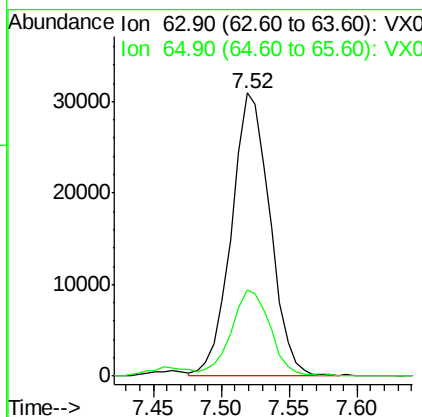
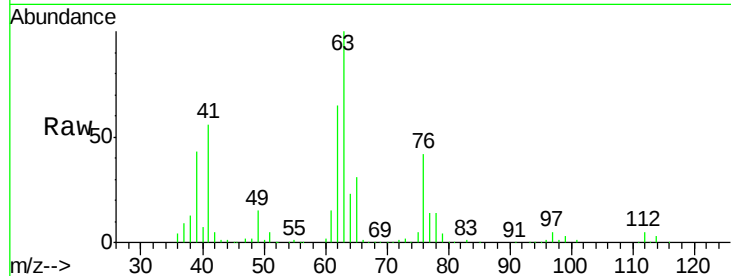
#45
 1,2-Dichloropropane
 Concen: 18.43 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS02

Tot Ion: 63 Resp: 60793
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.7 37.1

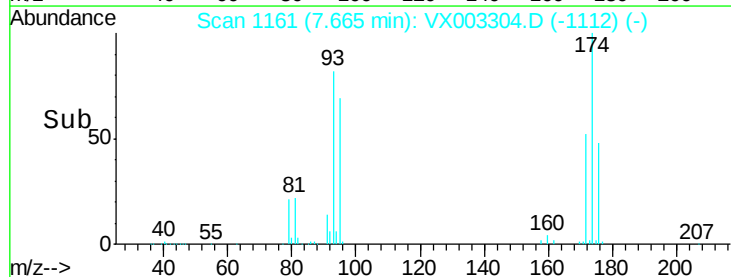
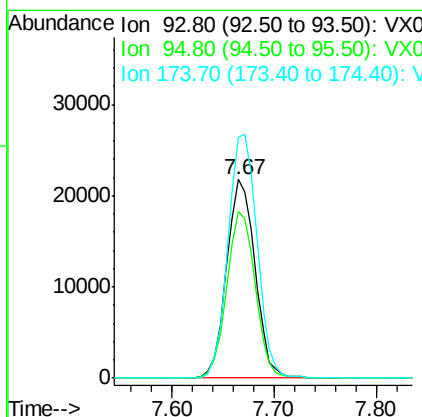
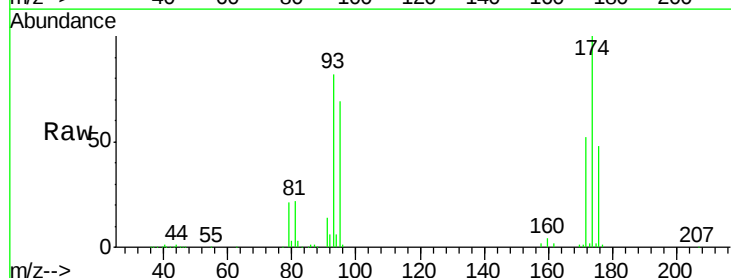
Manual Integrations
 APPROVED

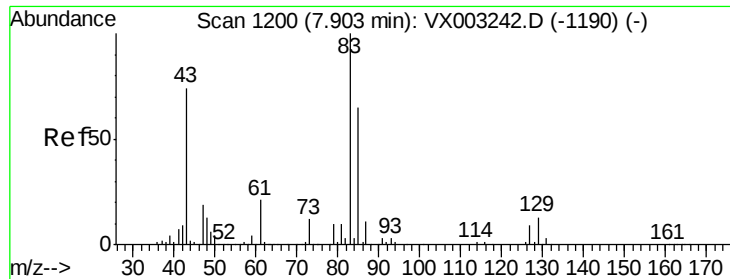
MMDadoda
 7/11/2018 3:09:30 PM



#46
 Dibromomethane
 Concen: 18.71 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

Tgt Ion: 93 Resp: 42050
 Ion Ratio Lower Upper
 93 100
 95 83.8 65.9 98.9
 174 125.0 92.4 138.6





#47

Bromodichloromethane

Concen: 18.61 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

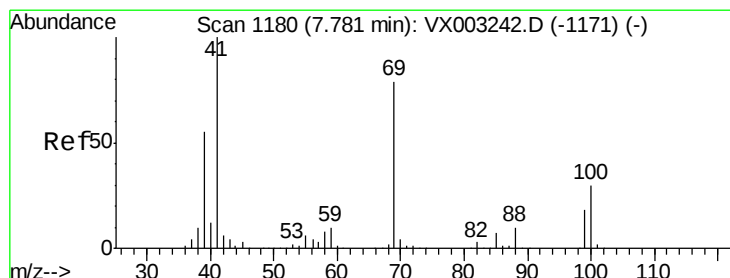
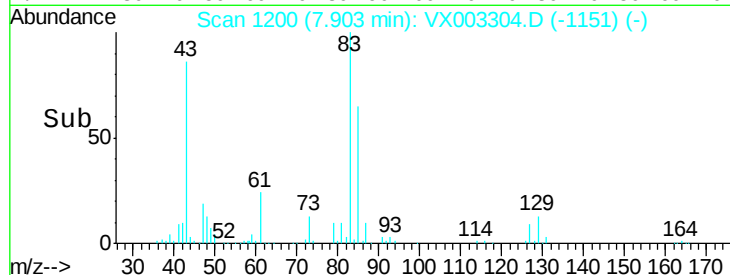
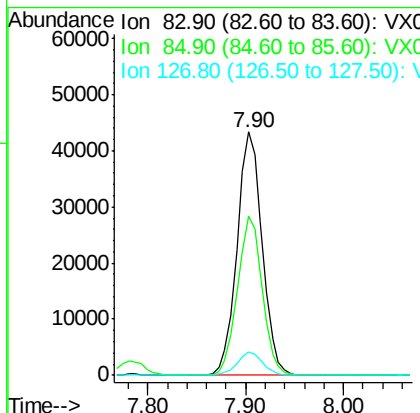
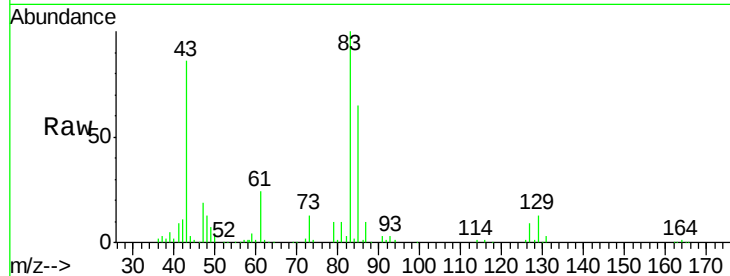
ClientSampleId :

VX0710WBS02

Tot Ion:	83	Resp:	77195
Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.3	75.5
127	9.4	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.83 ug/l

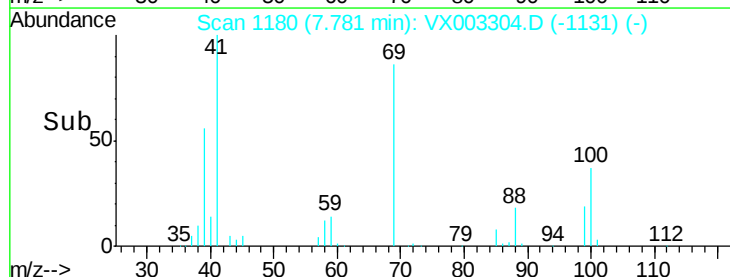
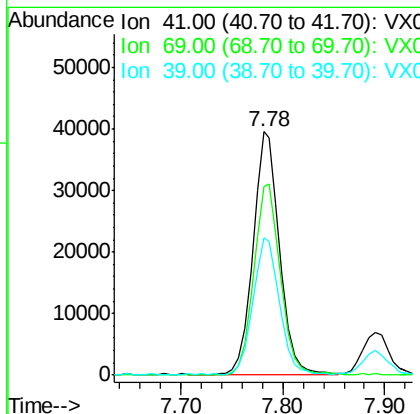
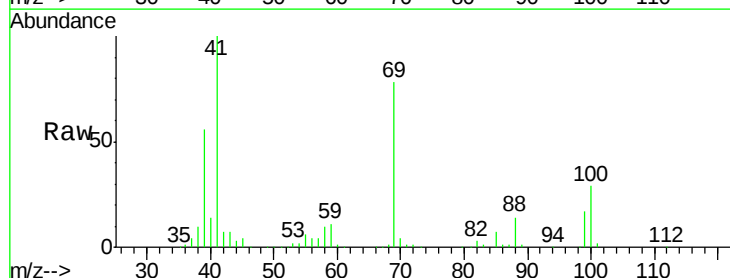
RT: 7.78 min Scan# 1180

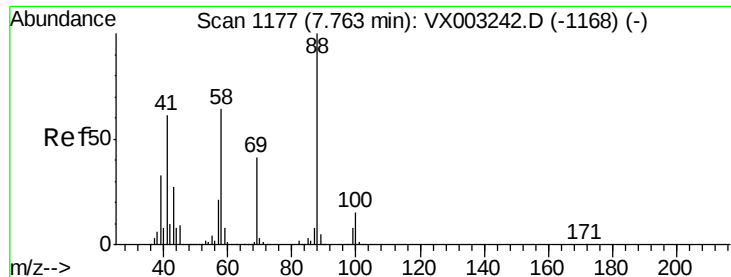
Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Tgt Ion:	41	Resp:	71156
Ion	Ratio	Lower	Upper
41	100		
69	79.9	59.1	88.7
39	55.9	48.9	73.3





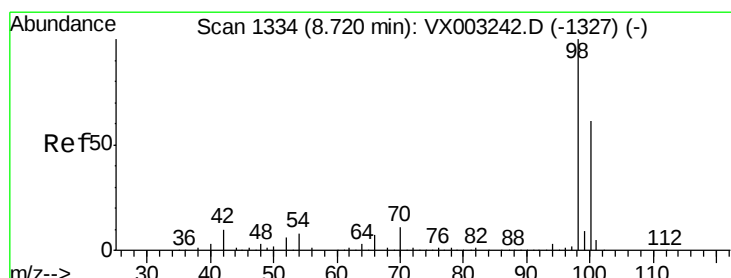
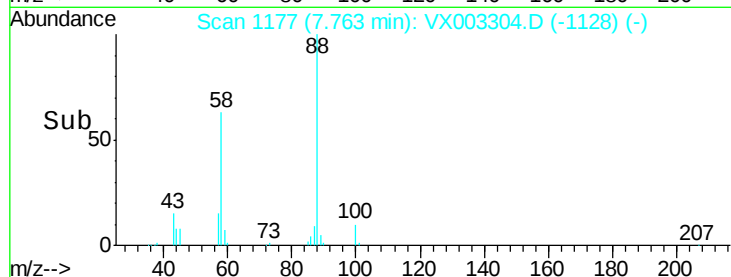
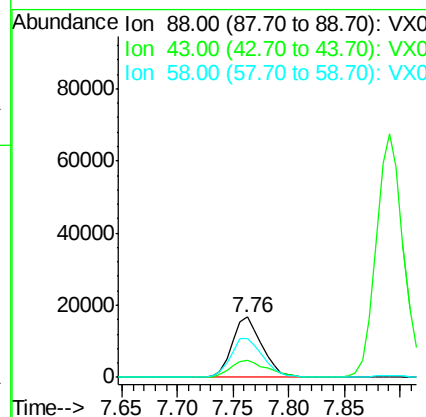
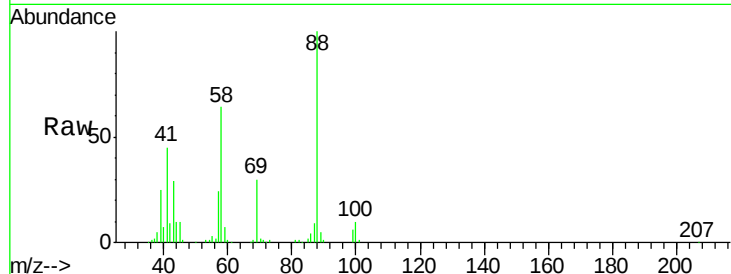
#49
1,4-Dioxane
Concen: 392.87 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS02

Tot Ion	88	Resp	31046
Ion	Ratio	Lower	Upper
88	100		
43	34.1	29.8	44.6
58	71.7	57.1	85.7

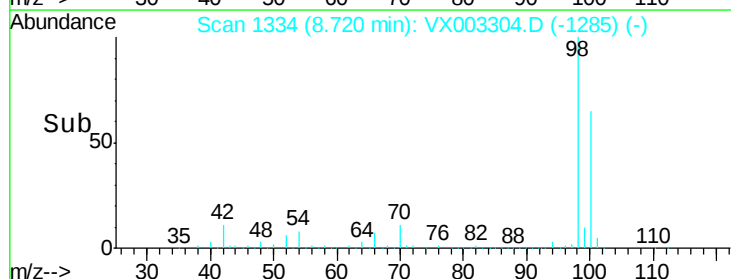
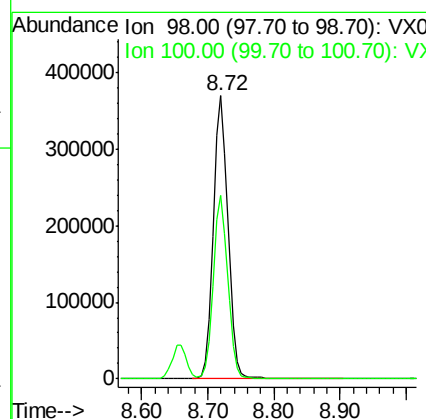
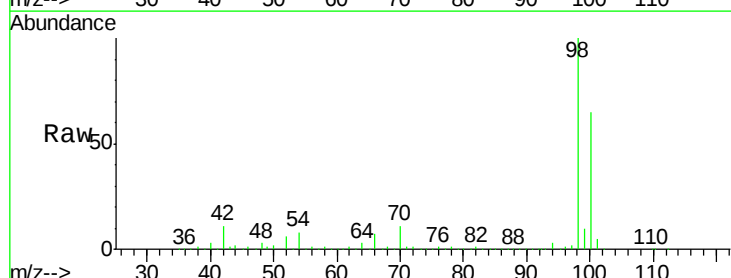
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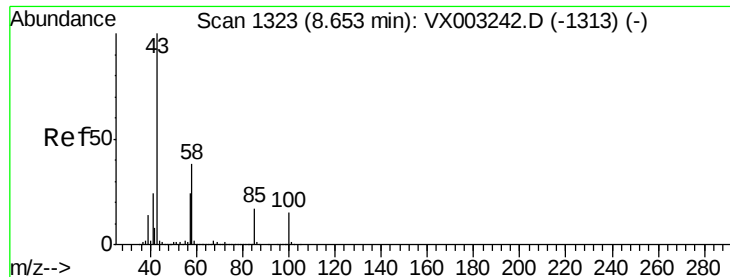
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#50
Toluene-d8
Concen: 49.20 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Tgt Ion	98	Resp	567756
Ion	Ratio	Lower	Upper
98	100		
100	64.6	50.9	76.3





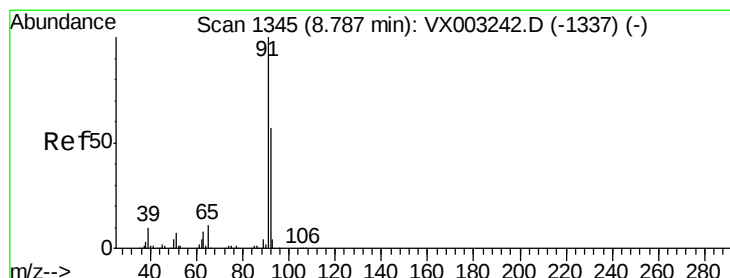
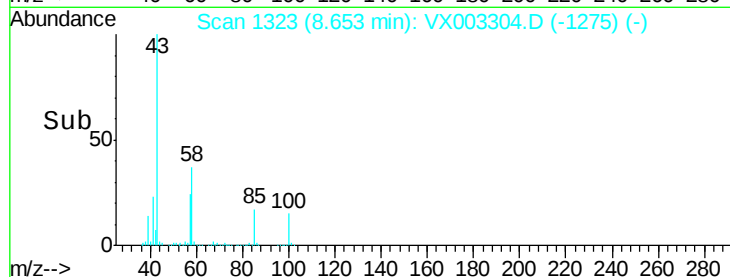
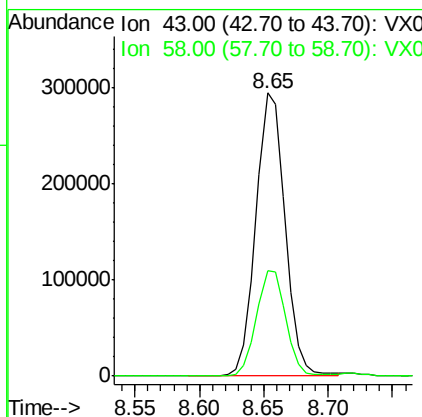
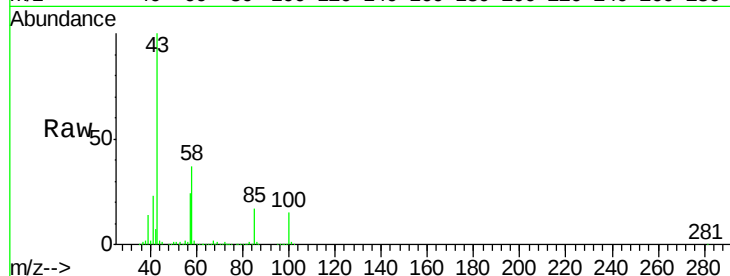
#51
4-Methyl-2-Pentanone
Concen: 100.08 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS02

Tot Ion: 43 Resp: 459144
Ion Ratio Lower Upper
43 100
58 37.6 28.6 42.8

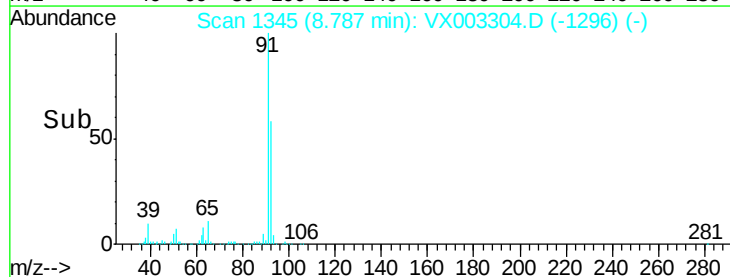
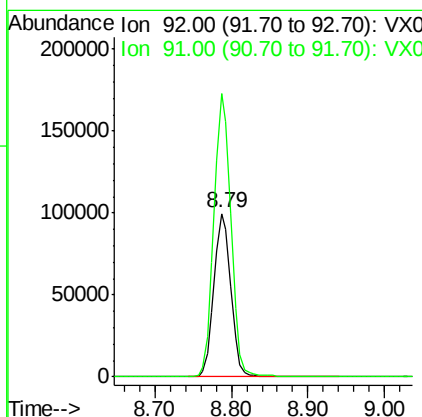
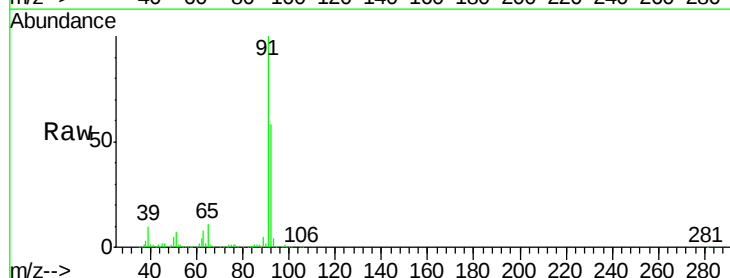
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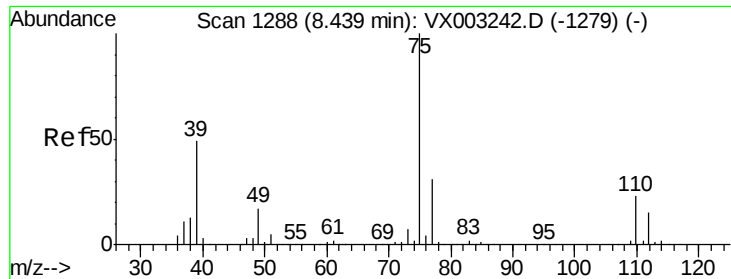
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#52
Toluene
Concen: 19.16 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Tgt Ion: 92 Resp: 153612
Ion Ratio Lower Upper
92 100
91 174.5 140.4 210.6





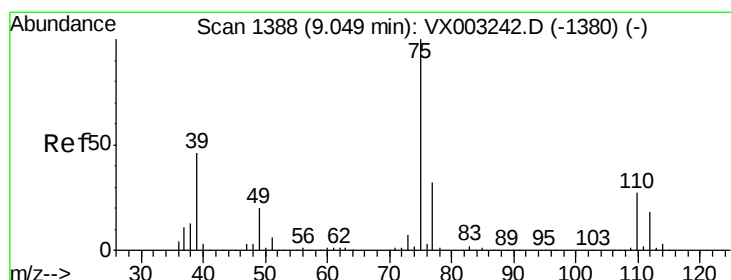
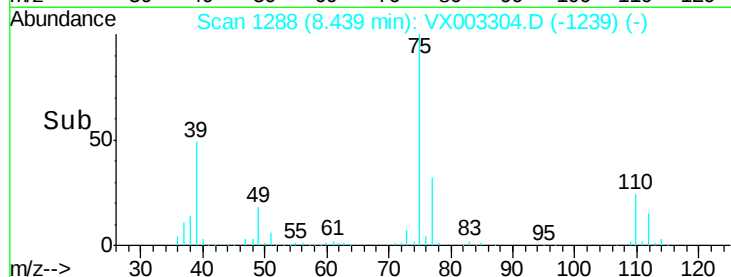
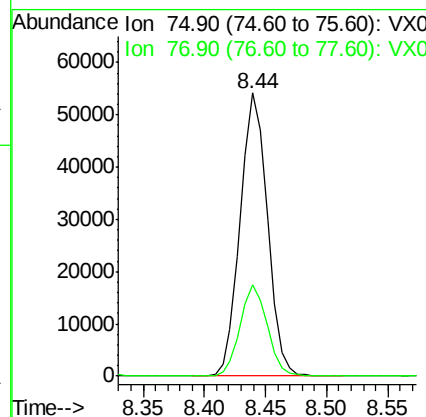
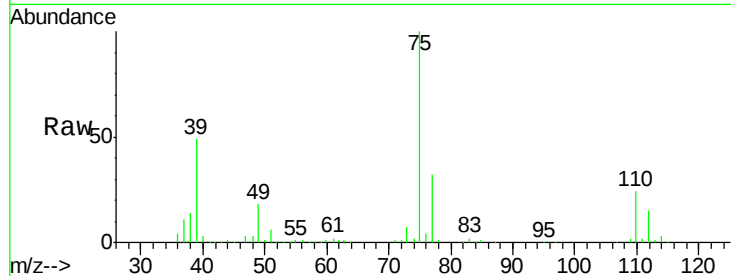
#53
t-1,3-Dichloropropene
Concen: 17.13 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS02

Tot Ion: 75 Resp: 83589
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2

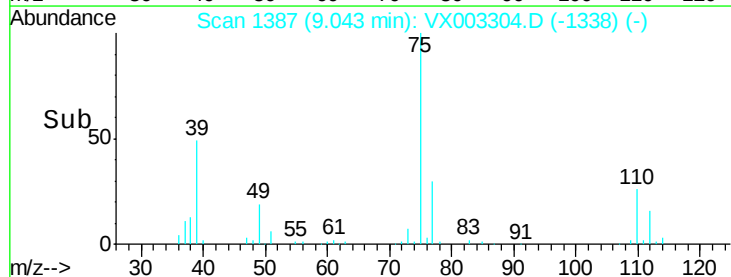
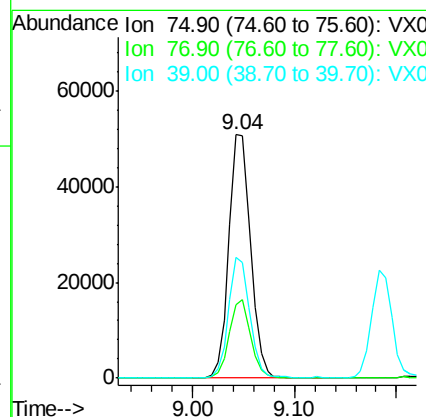
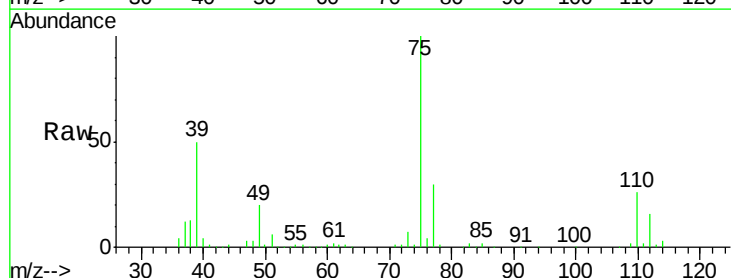
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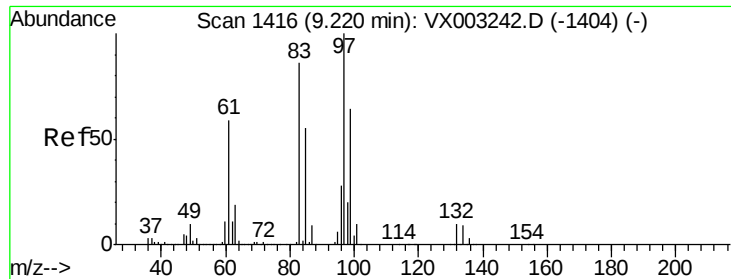
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#54
cis-1,3-Dichloropropene
Concen: 16.97 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Tgt Ion: 75 Resp: 75361
Ion Ratio Lower Upper
75 100
77 30.2 24.8 37.2
39 49.5 42.4 63.6





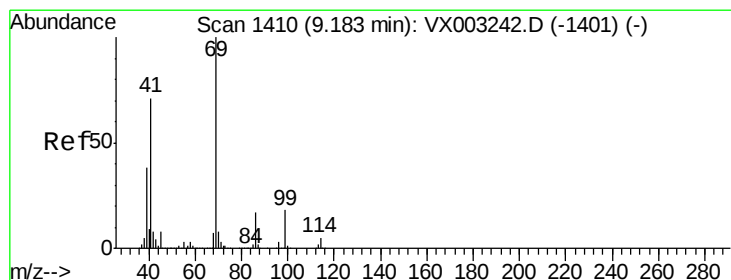
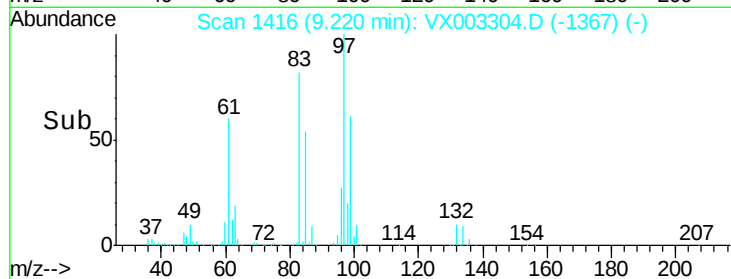
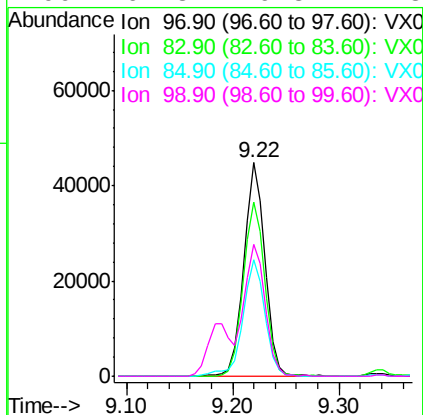
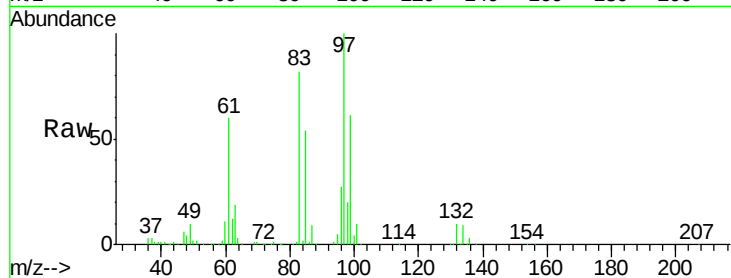
#55
 1,1,2-Trichloroethane
 Concen: 18.86 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS02

Tot Ion:	97	Resp:	62744
Ion	Ratio	Lower	Upper
97	100		
83	81.6	70.2	105.2
85	54.3	44.9	67.3
99	61.3	49.8	74.8

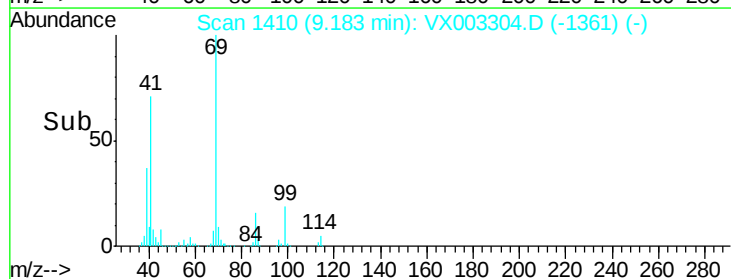
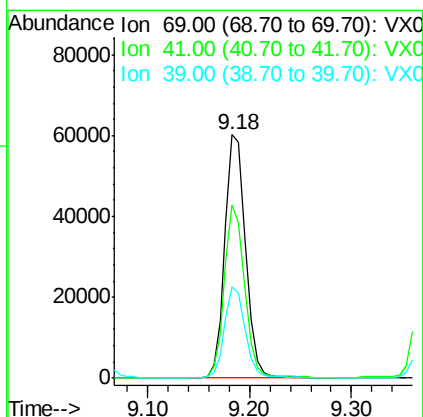
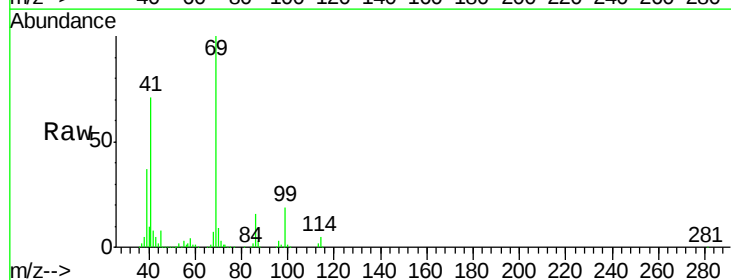
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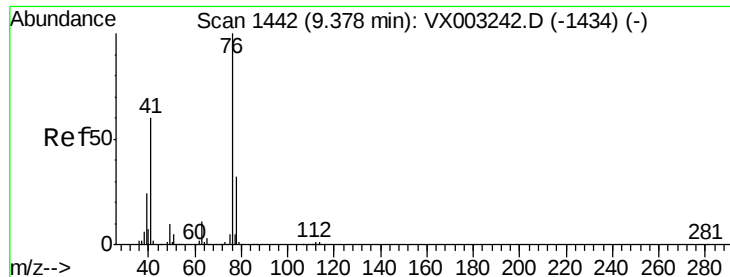
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#56
 Ethyl methacrylate
 Concen: 18.73 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

Tgt Ion:	69	Resp:	85342
Ion	Ratio	Lower	Upper
69	100		
41	69.4	60.3	90.5
39	36.8	35.8	53.8





#57

1,3-Dichloropropane

Concen: 18.95 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampled :

VX0710WBS02

Tot Ion: 76 Resp: 101548

Ion Ratio Lower Upper

76 100

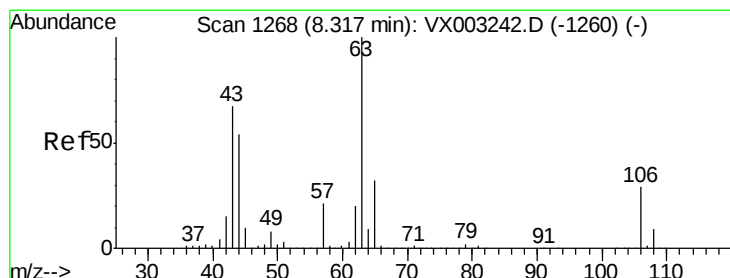
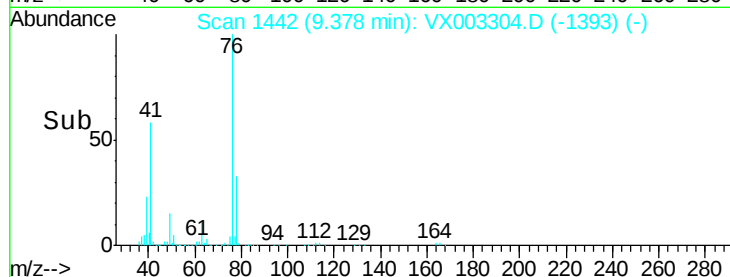
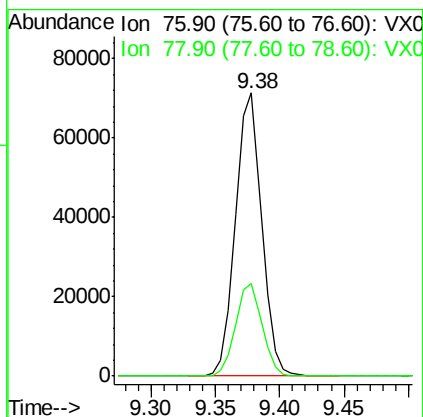
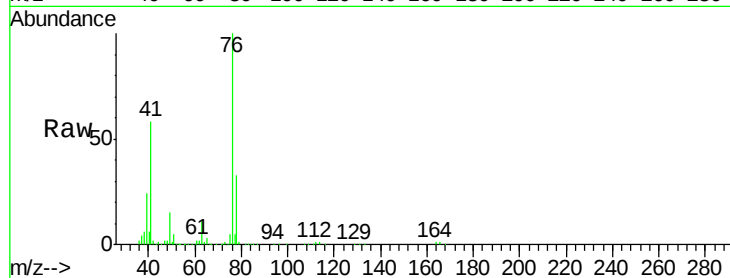
78 33.1 25.8 38.6

Manual Integrations

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MMDadoda

7/11/2018 3:09:30 PM



#58

2-Chloroethyl Vinyl ether

Concen: 103.96 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VX003304.D

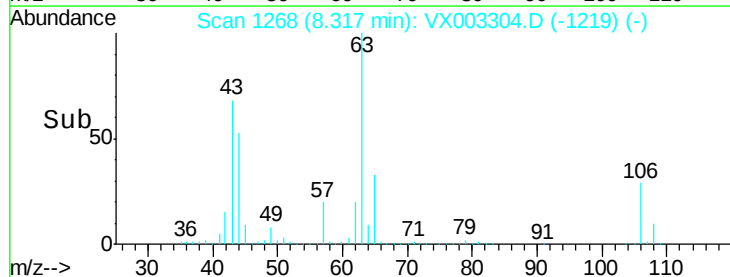
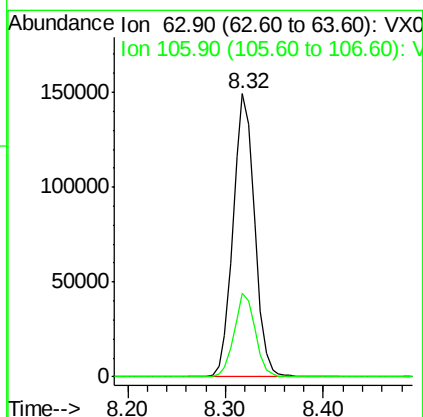
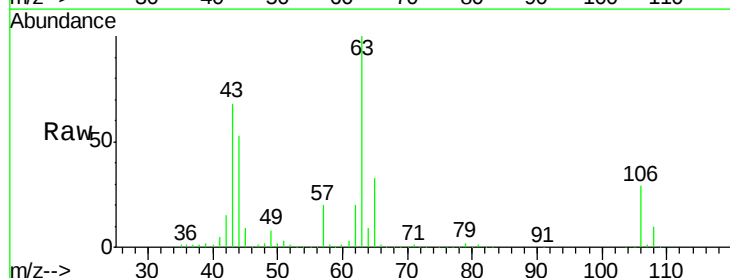
Acq: 11 Jul 2018 01:03

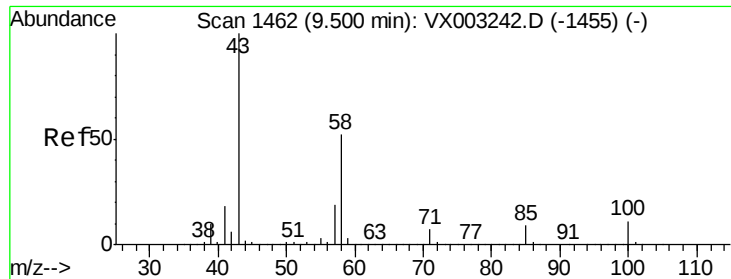
Tgt Ion: 63 Resp: 228510

Ion Ratio Lower Upper

63 100

106 29.0 21.8 32.8





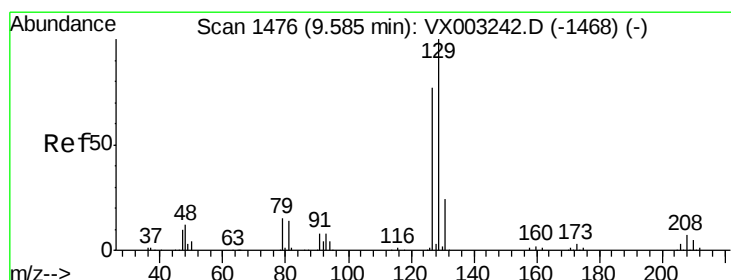
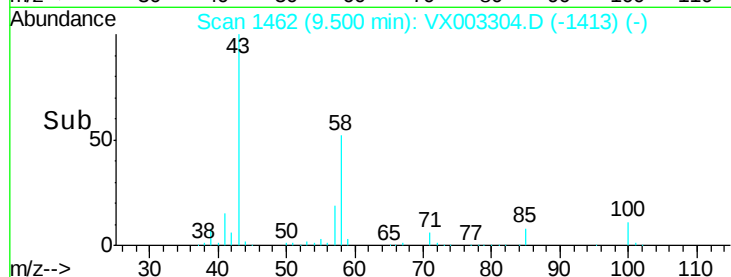
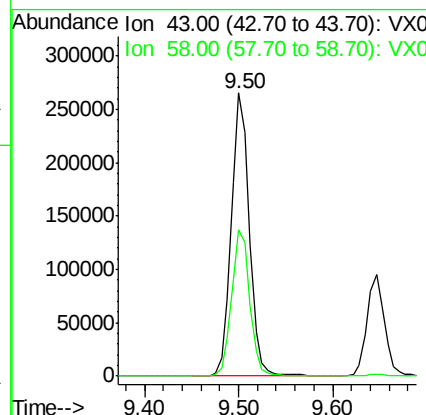
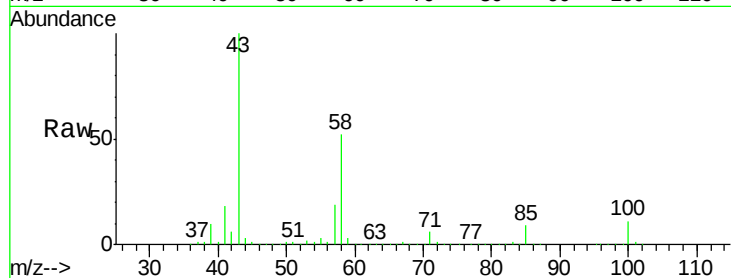
#59
2-Hexanone
Concen: 100.88 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS02

Tot Ion	43	Resp	351513
Ion Ratio	100	Lower	Upper
58	52.1	24.6	73.6

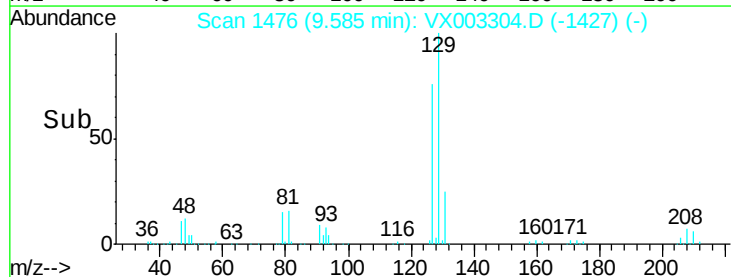
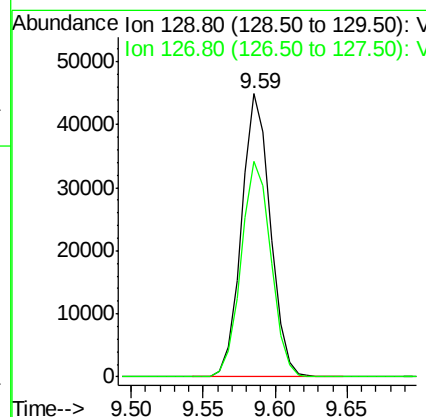
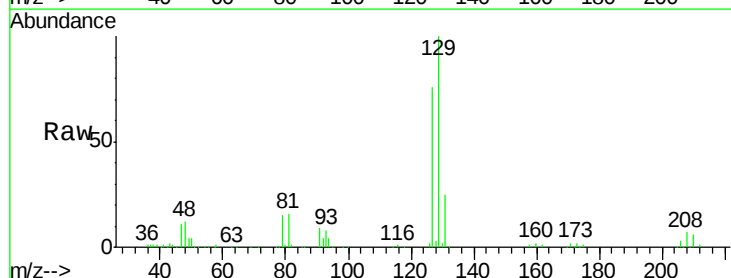
Manual Integrations
APPROVED

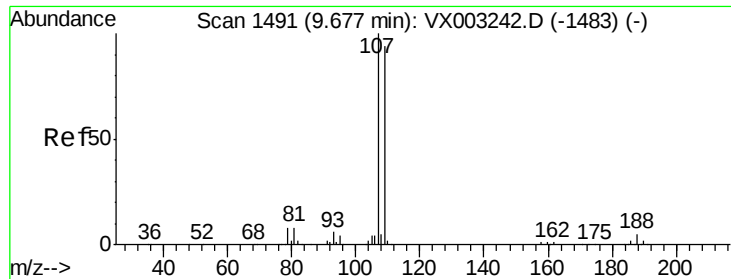
MMDadoda
7/11/2018 3:09:30 PM



#60
Dibromochloromethane
Concen: 17.97 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Tgt Ion	129	Resp	62431
Ion Ratio	100	Lower	Upper
127	78.7	38.5	115.3





#61

1,2-Dibromoethane

Concen: 18.99 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS02

Tot Ion:107 Resp: 66191

Ion Ratio Lower Upper

107 100

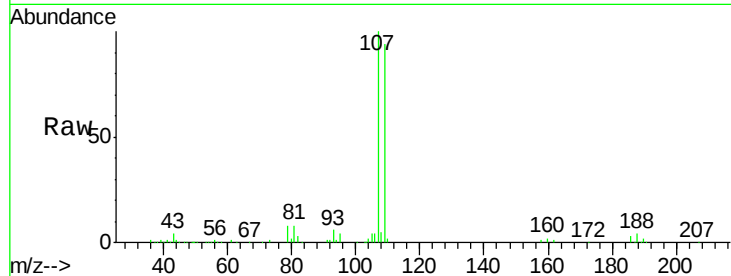
109 93.8 75.3 112.9

Manual Integrations

APPROVED

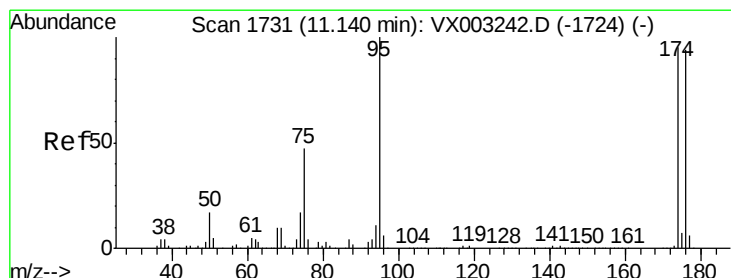
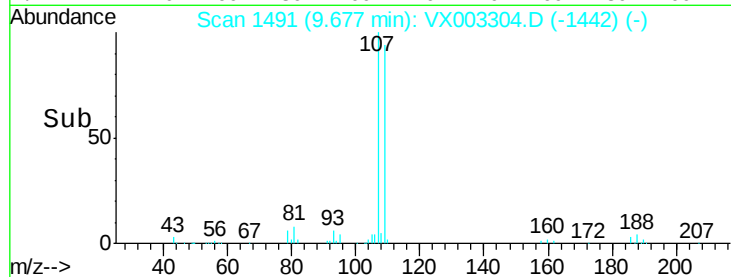
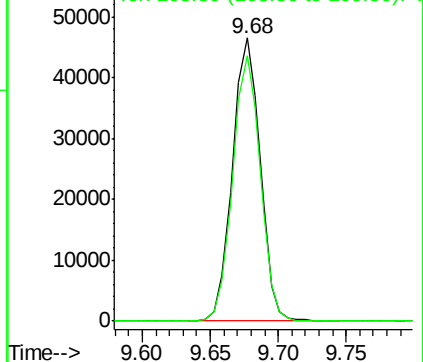
MMDadoda

7/11/2018 3:09:30 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.22 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

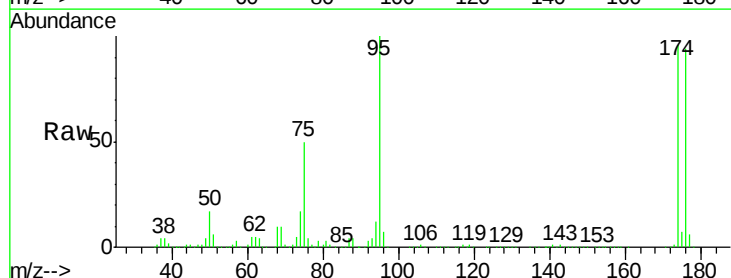
Tgt Ion: 95 Resp: 205595

Ion Ratio Lower Upper

95 100

174 99.8 0.0 187.4

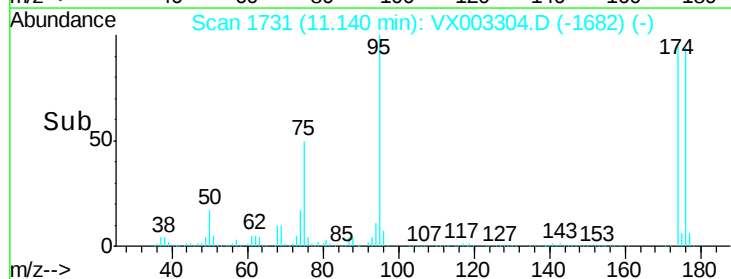
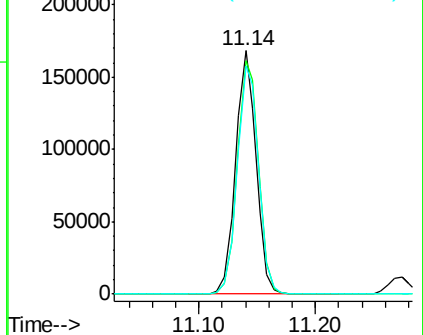
176 97.9 0.0 181.0

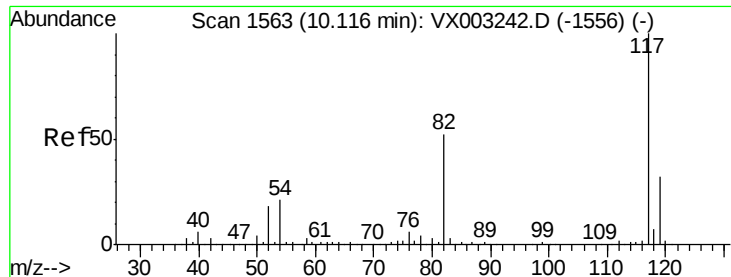


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





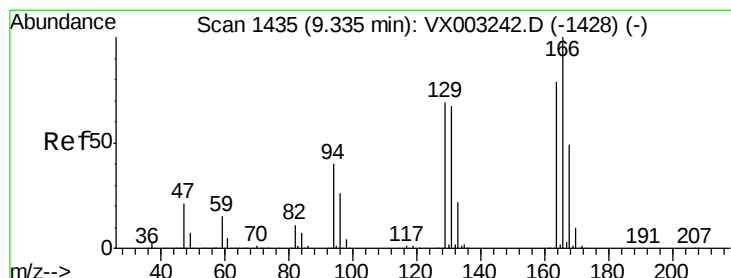
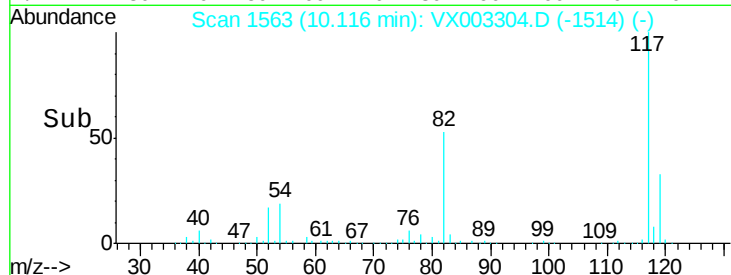
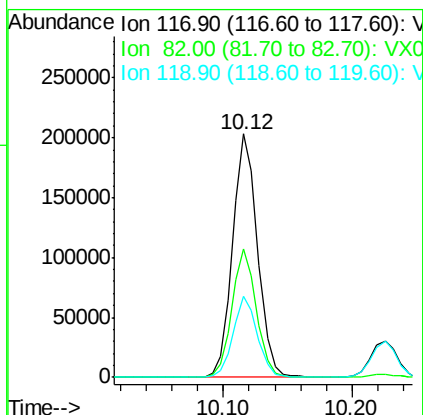
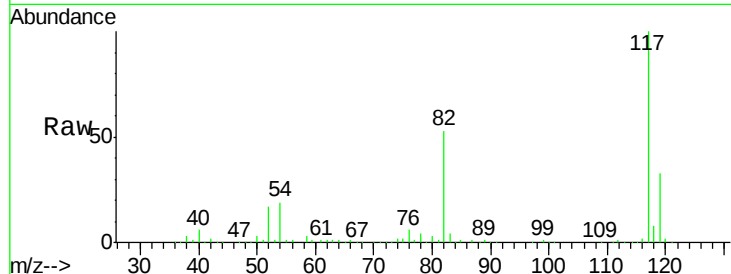
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	45.0	67.4
119	33.4	25.8	38.6

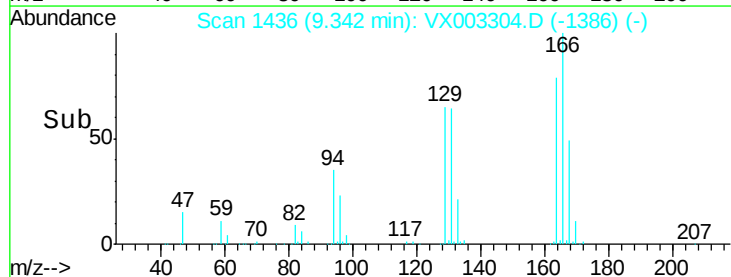
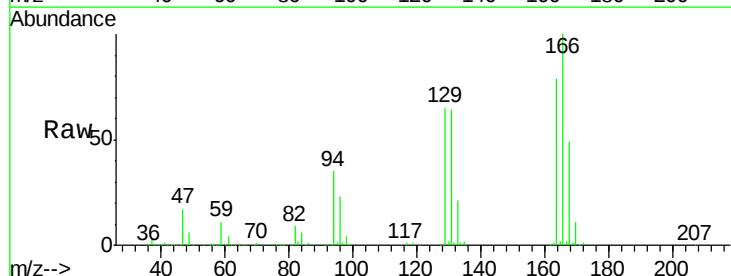
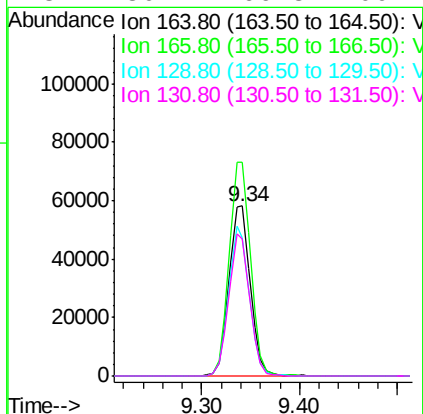
Manual Integrations
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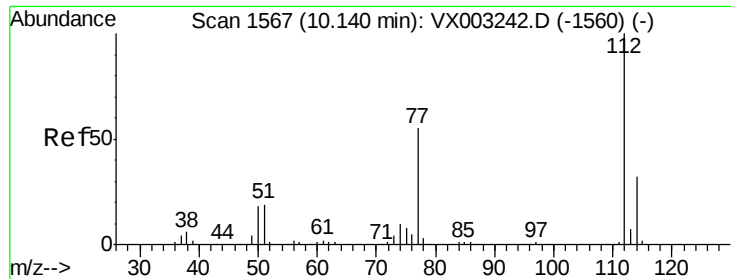
MMDadoda
7/11/2018 3:09:30 PM



#64
Tetrachloroethene
Concen: 21.20 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.8	102.9	154.3
129	81.7	68.6	102.8
131	80.7	66.8	100.2





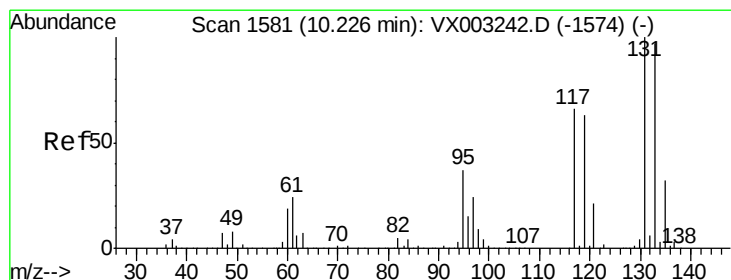
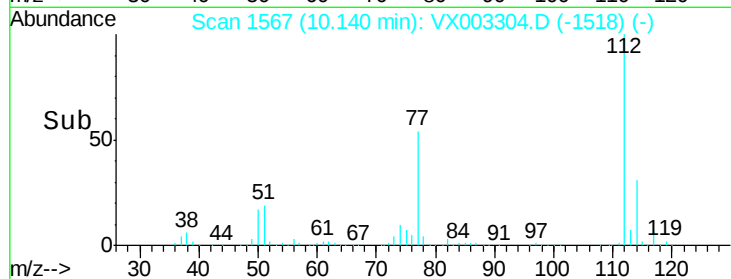
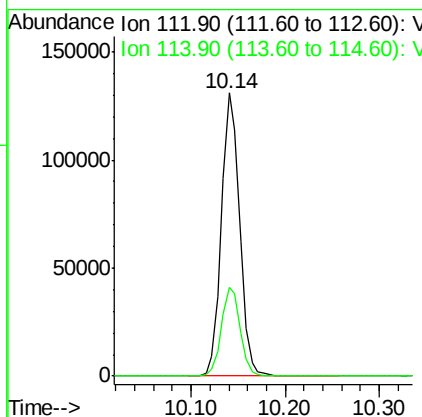
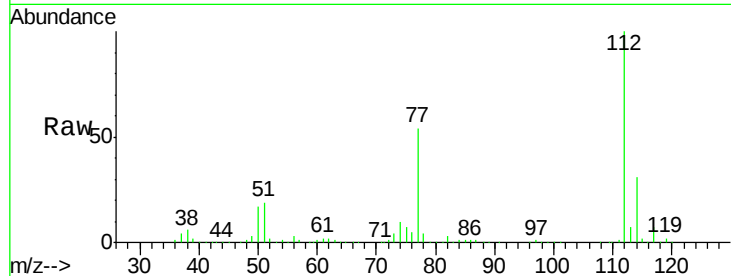
#65
Chlorobenzene
Concen: 18.90 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Instrument :
MSVOA_X
ClientSampled :
VX0710WBS02

Tot Ion:112 Resp: 176098
Ion Ratio Lower Upper
112 100
114 31.4 25.3 37.9

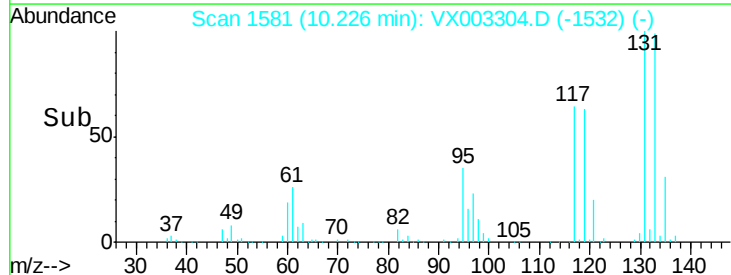
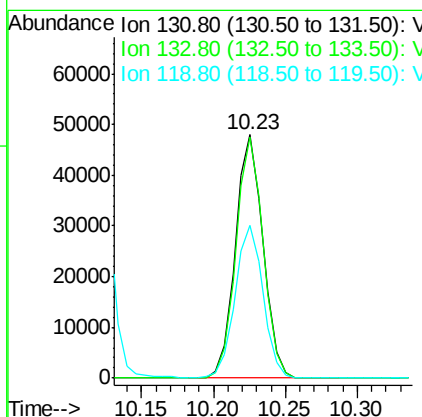
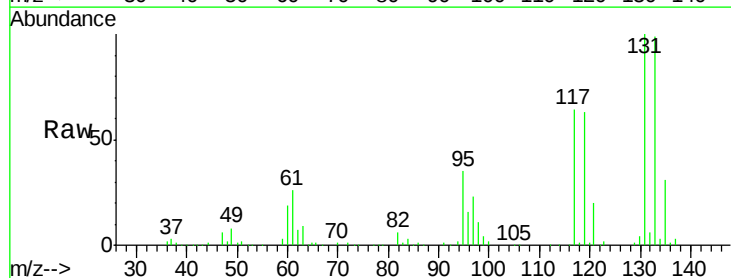
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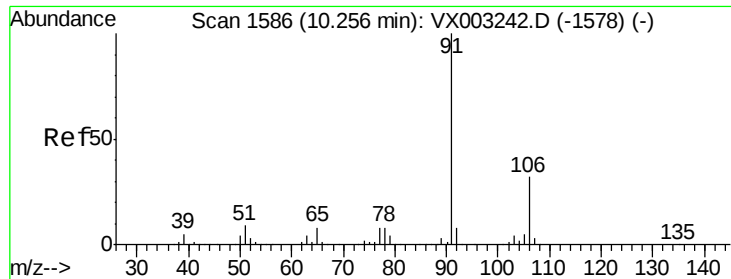
MMDadoda
7/11/2018 3:09:30 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.07 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Tgt Ion:131 Resp: 64132
Ion Ratio Lower Upper
131 100
133 97.3 47.9 143.6
119 63.9 31.8 95.3





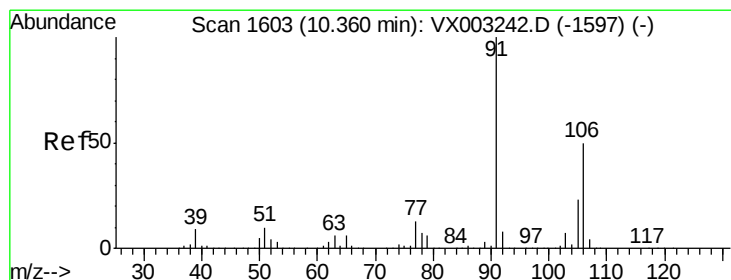
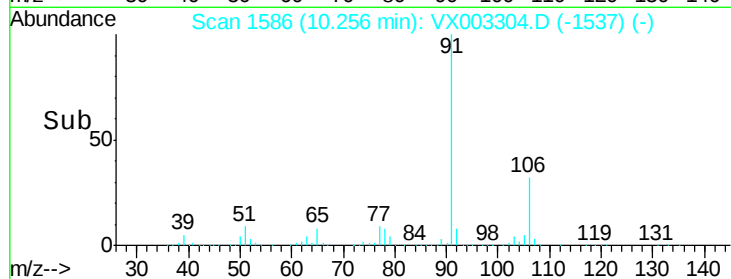
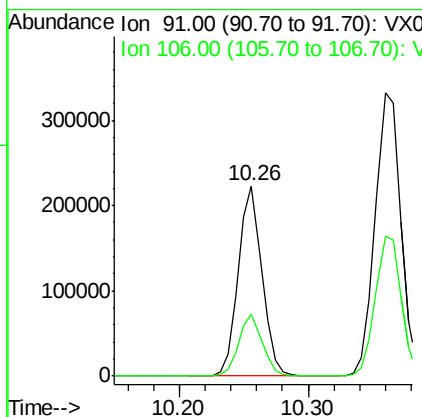
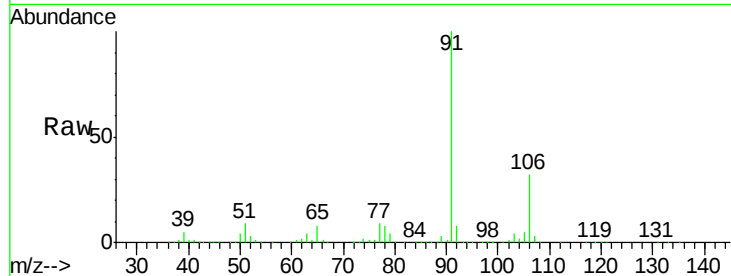
#67
Ethyl Benzene
Concen: 18.99 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS02

Tot Ion: 91 Resp: 286200
Ion Ratio Lower Upper
91 100
106 32.3 25.5 38.3

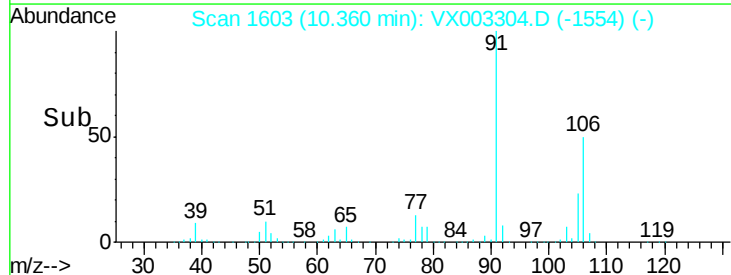
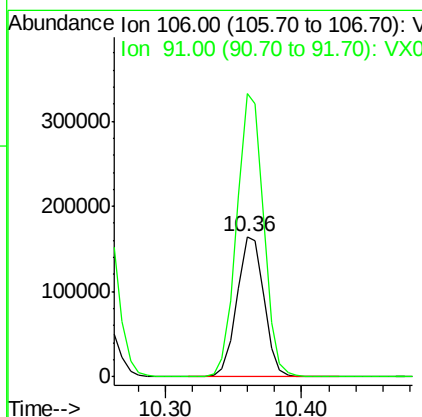
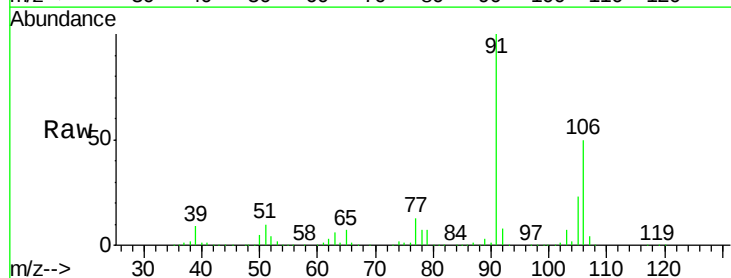
Manual Integrations
APPROVED

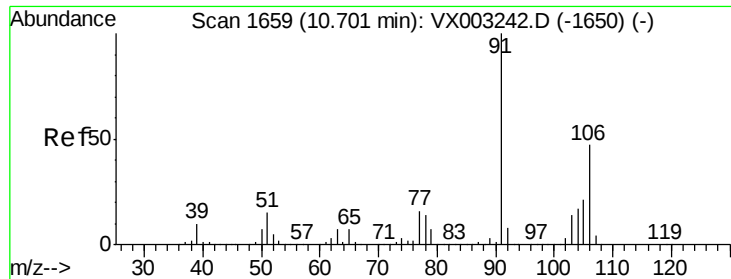
MMDadoda
7/11/2018 3:09:30 PM



#68
m/p-Xylenes
Concen: 38.71 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Tgt Ion: 106 Resp: 226923
Ion Ratio Lower Upper
106 100
91 200.8 163.4 245.2





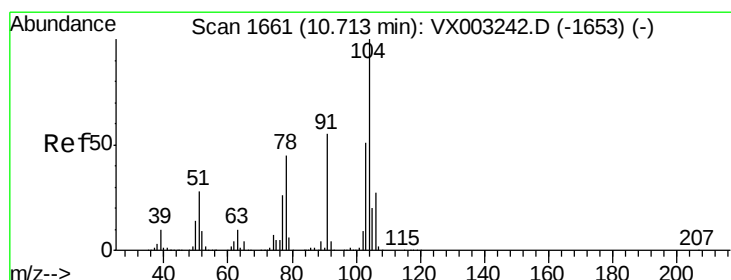
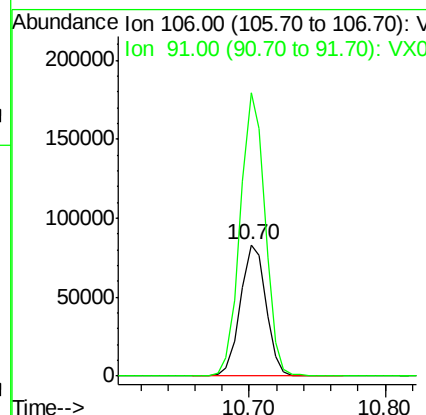
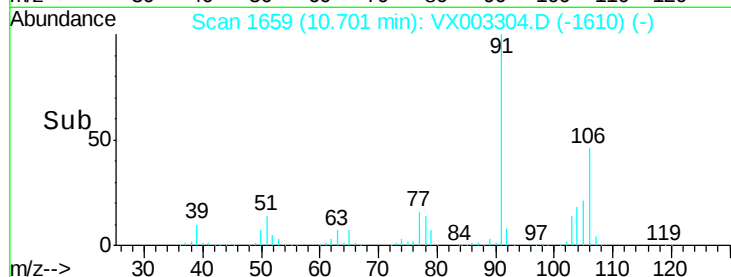
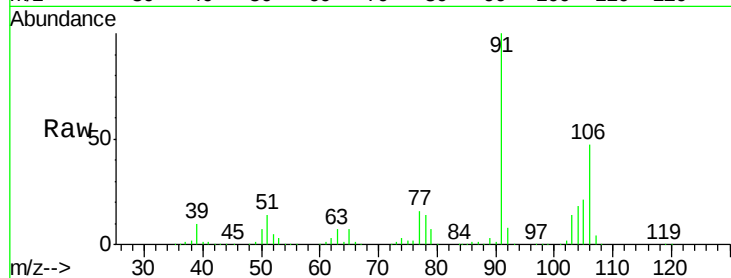
#69
o-Xylene
Concen: 19.27 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Instrument :
MSVOA_X
ClientSampled :
VX0710WBS02

Tot Ion:106 Resp: 109470
Ion Ratio Lower Upper
106 100
91 209.0 108.2 324.6

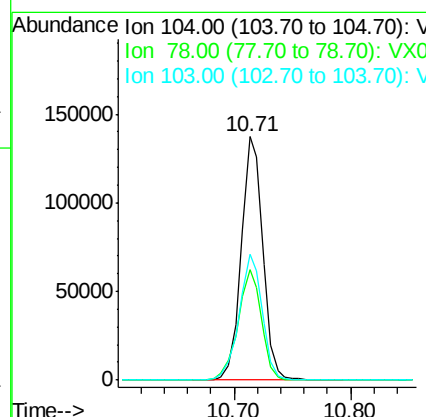
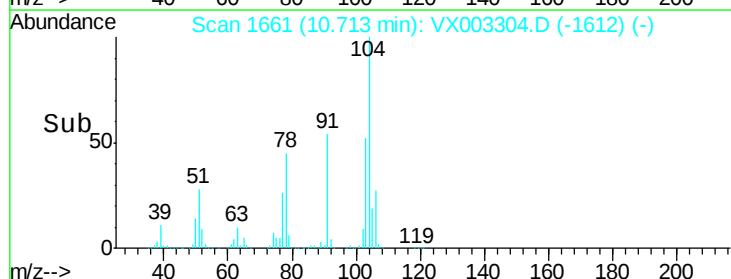
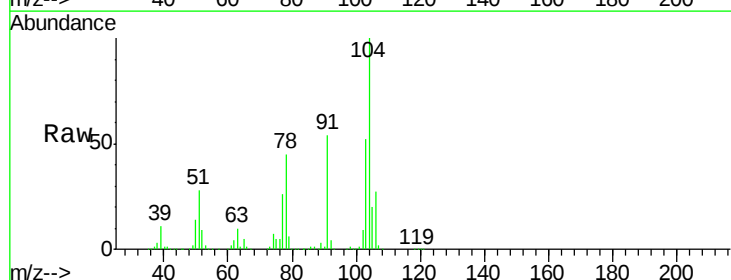
Manual Integrations
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#70
Styrene
Concen: 19.26 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Tgt Ion:104 Resp: 177416
Ion Ratio Lower Upper
104 100
78 49.3 41.0 61.6
103 55.4 44.2 66.4





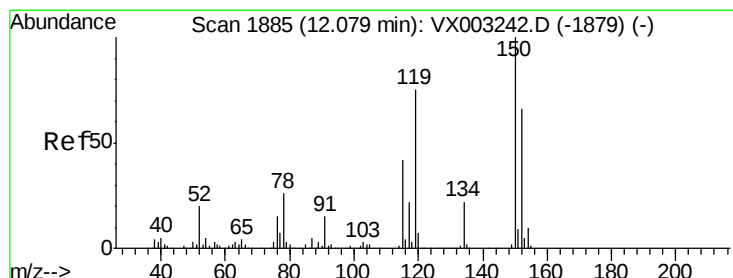
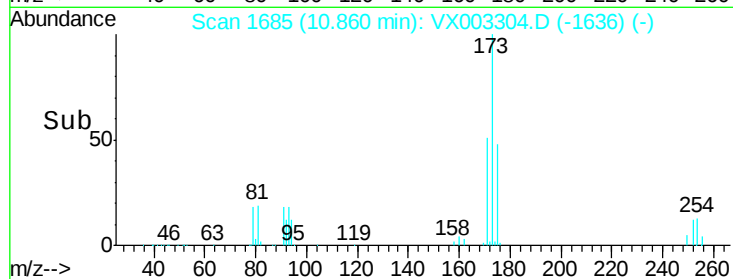
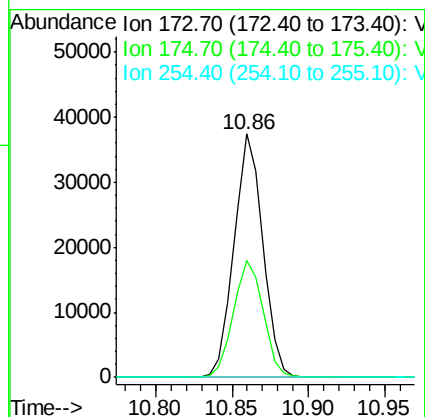
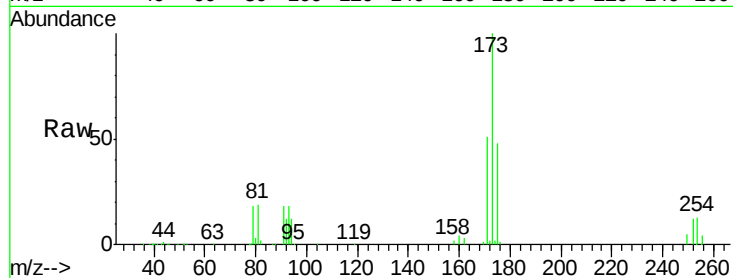
#71
Bromoform
Concen: 17.68 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Instrument :
MSVOA_X
ClientSampled :
VX0710WBS02

Tot Ion:173 Resp: 48897
Ion Ratio Lower Upper
173 100
175 49.2 24.7 74.1
254 0.1 0.2 0.2#

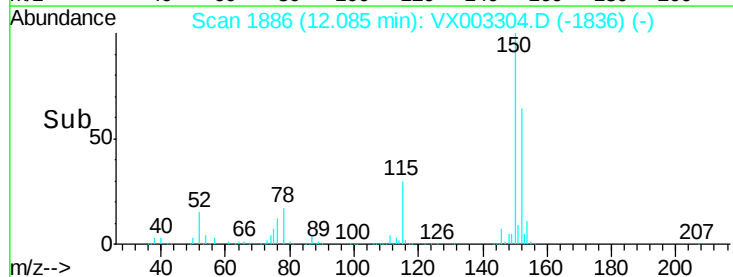
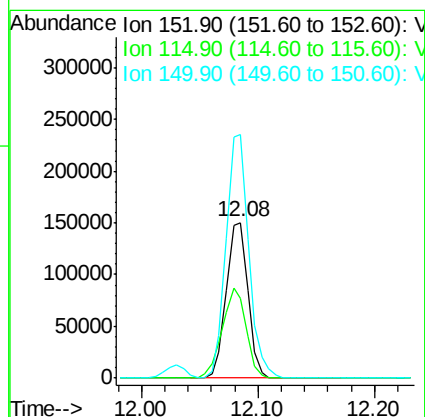
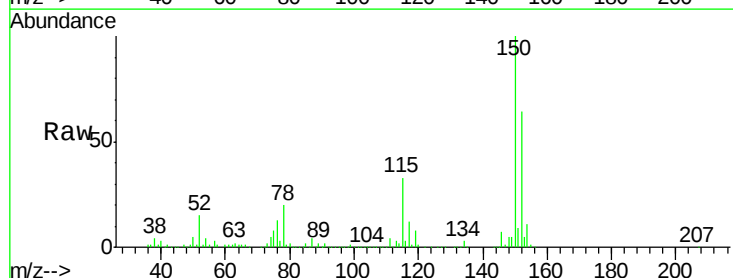
Manual Integrations
APPROVED

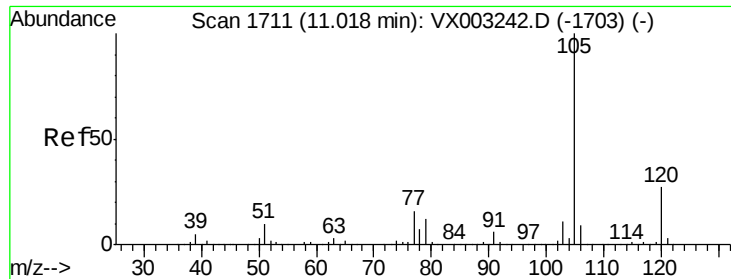
MMDadoda
7/11/2018 3:09:30 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Tgt Ion:152 Resp: 194036
Ion Ratio Lower Upper
152 100
115 63.5 40.1 120.2
150 164.5 0.0 347.2





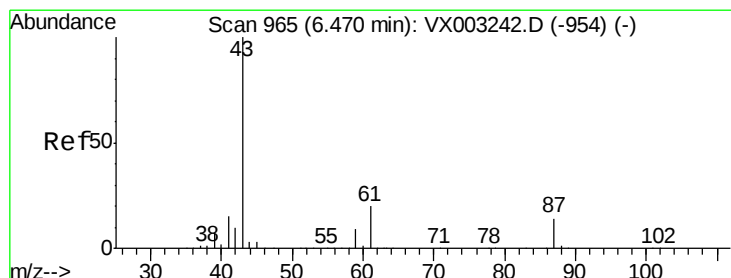
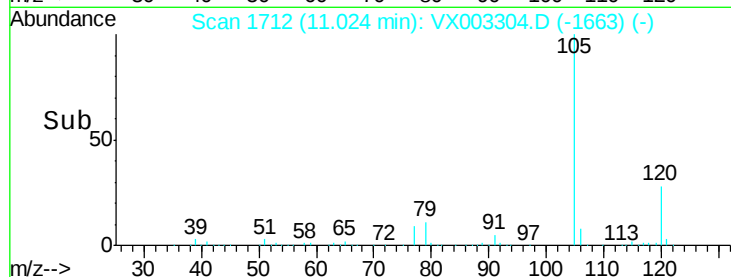
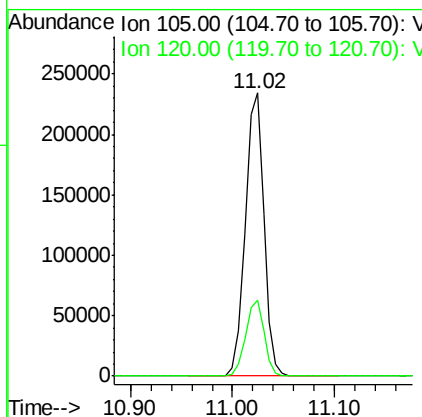
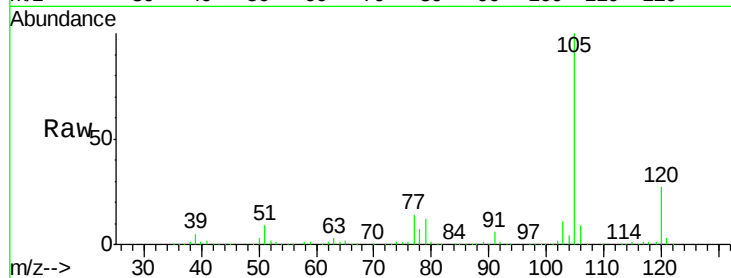
#73
Isopropylbenzene
Concen: 19.27 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS02

Tot Ion:105 Resp: 295206
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4

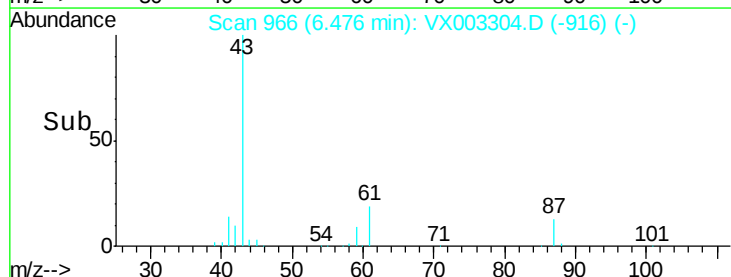
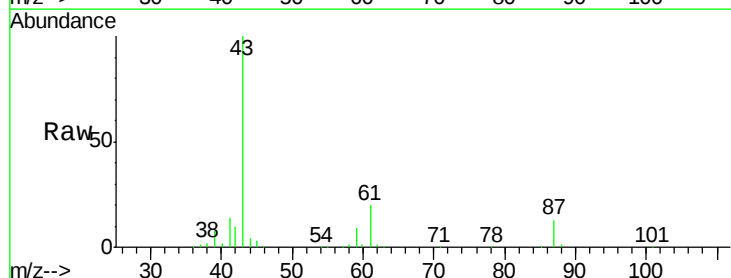
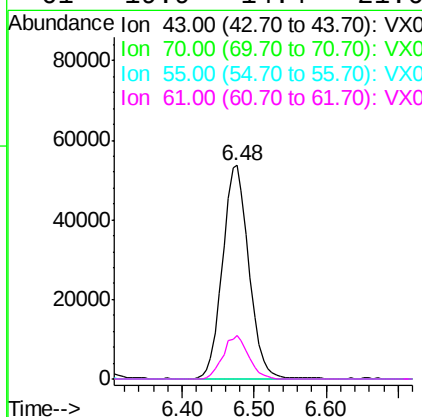
Manual Integrations
APPROVED

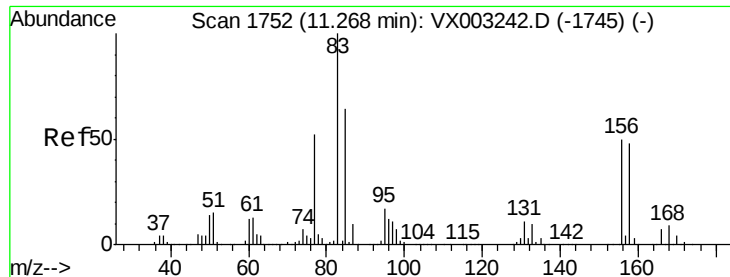
MMDadoda
7/11/2018 3:09:30 PM



#74
N-ethyl acetate
Concen: 18.57 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.01 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Tgt Ion: 43 Resp: 135700
Ion Ratio Lower Upper
43 100
70 0.0 0.0 0.0
55 0.2 0.0 0.0#
61 19.9 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.17 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS02

Tot Ion: 83 Resp: 91072

Ion Ratio Lower Upper

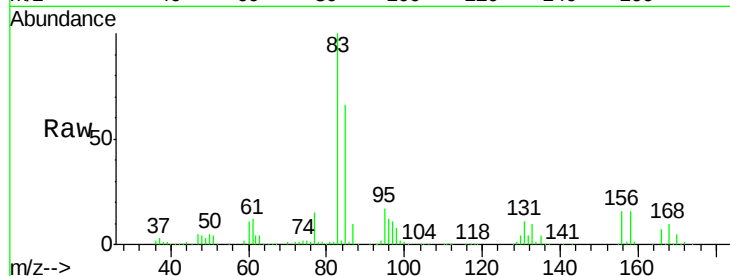
83 100

131 11.1 5.6 16.8

85 65.1 32.4 97.2

Manual Integrations
APPROVED

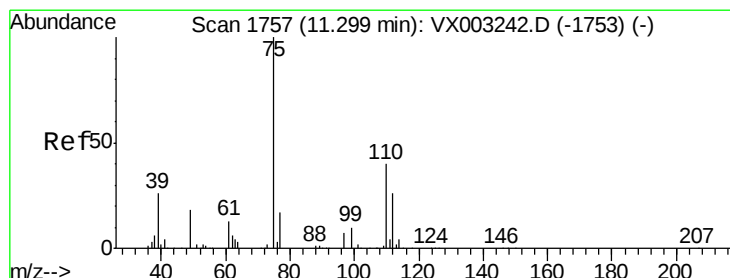
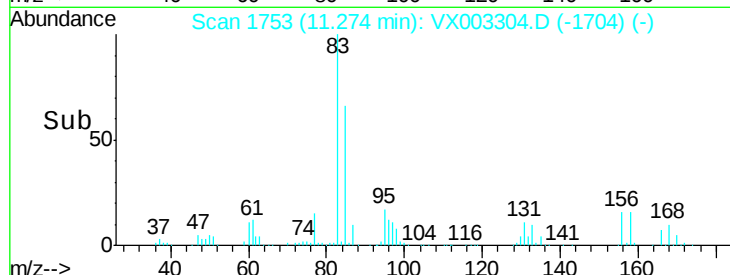
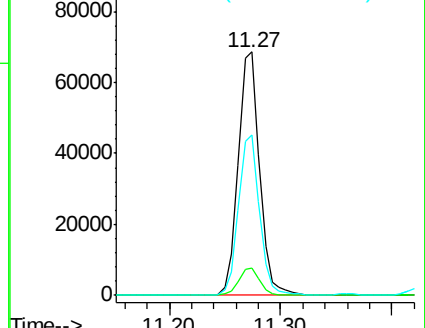
MMDadoda
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.40 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003304.D

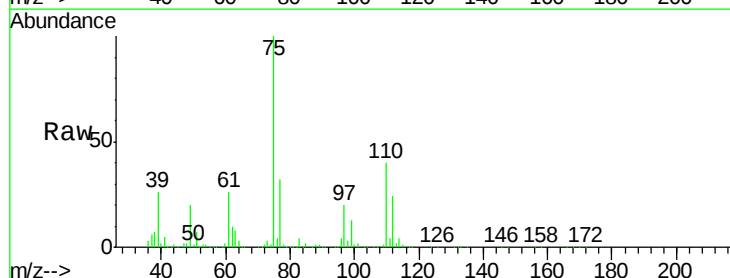
Acq: 11 Jul 2018 01:03

Tgt Ion: 75 Resp: 89729

Ion Ratio Lower Upper

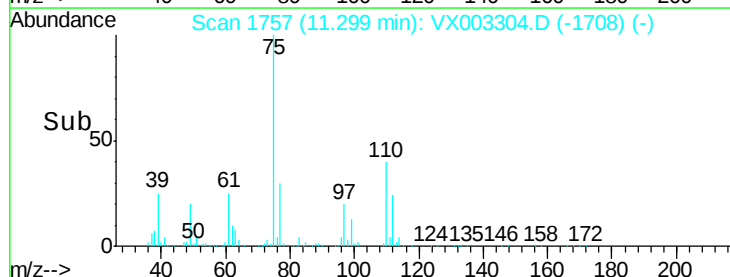
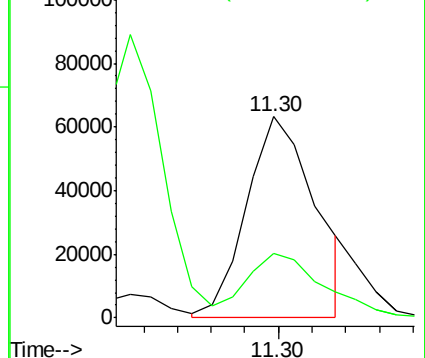
75 100

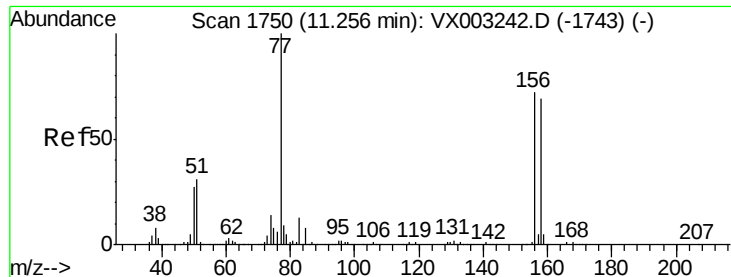
77 36.2 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.22 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS02

Tot Ion:156 Resp: 85000

Ion Ratio Lower Upper

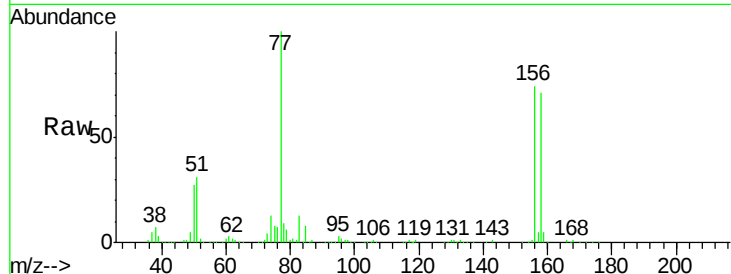
156 100

77 132.2 71.4 214.2

158 96.5 48.9 146.6

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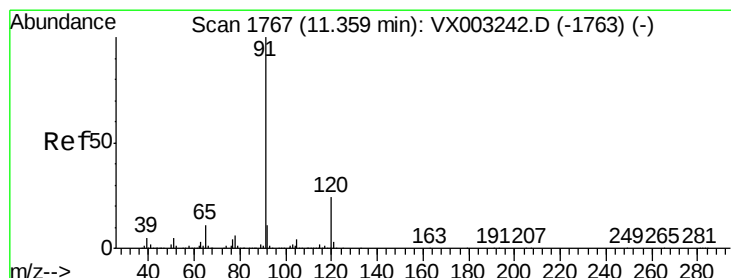
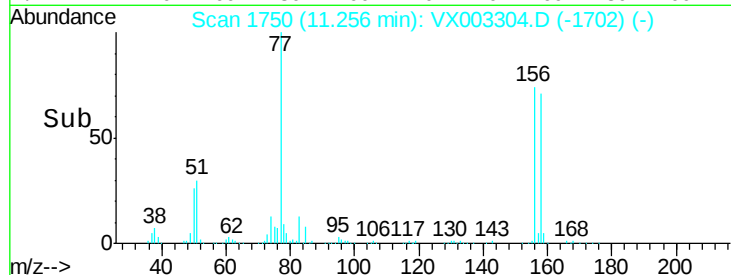
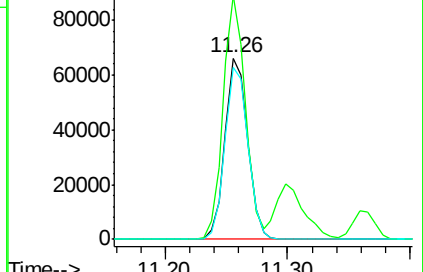
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.28 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX003304.D

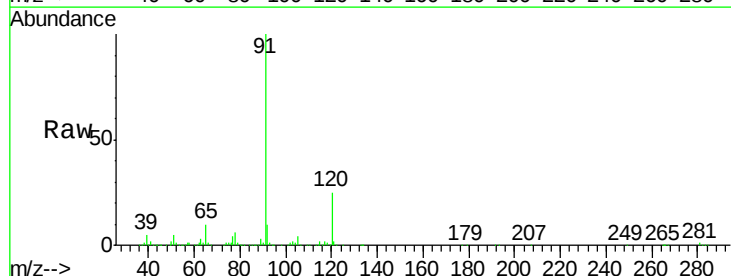
Acq: 11 Jul 2018 01:03

Tgt Ion: 91 Resp: 328483

Ion Ratio Lower Upper

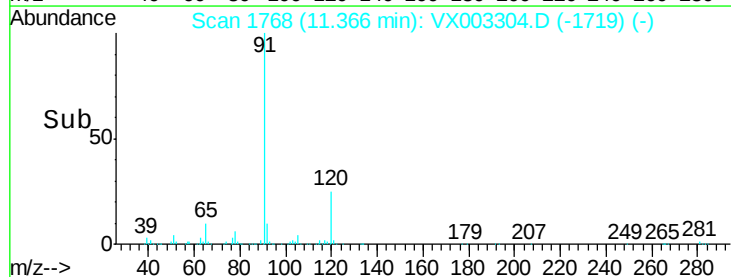
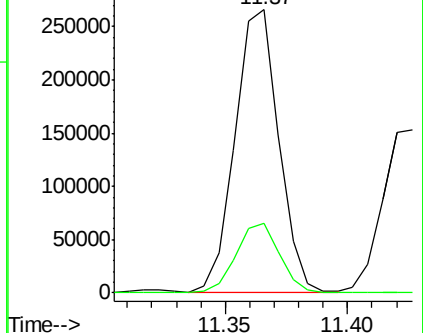
91 100

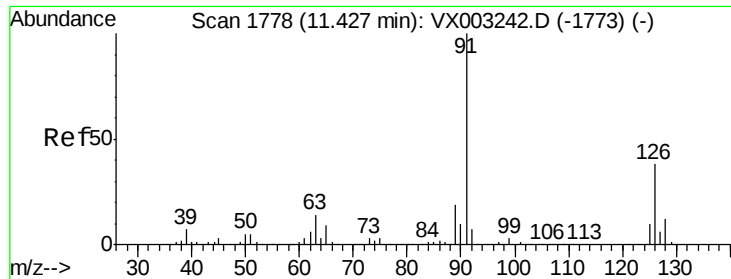
120 24.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.13 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS02

Tot Ion: 91 Resp: 198464

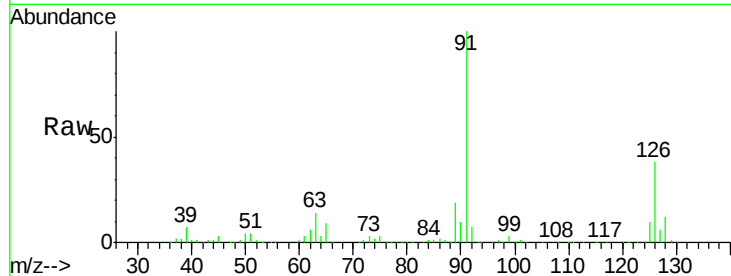
Ion Ratio Lower Upper

91 100

126 36.8 17.7 53.1

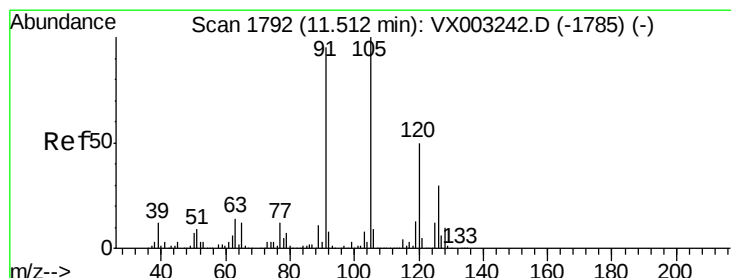
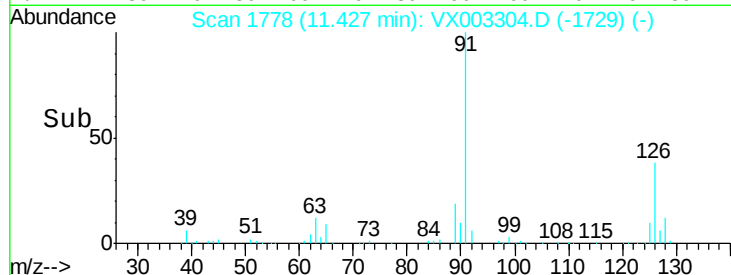
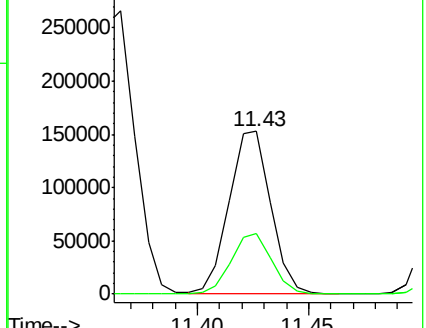
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Abundance Ion 91.00 (90.70 to 91.70): VX003304.D (-1729) (-)

Ion 125.90 (125.60 to 126.60): VX003304.D (-1729) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.22 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003304.D

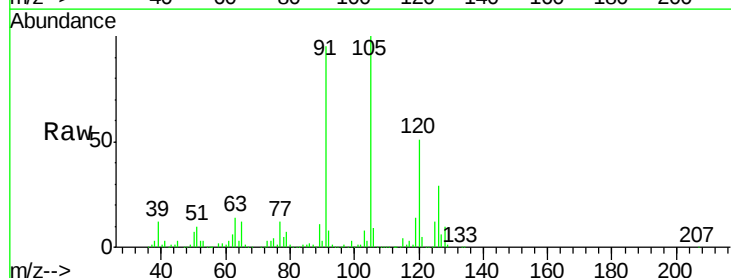
Acq: 11 Jul 2018 01:03

Tgt Ion: 105 Resp: 245200

Ion Ratio Lower Upper

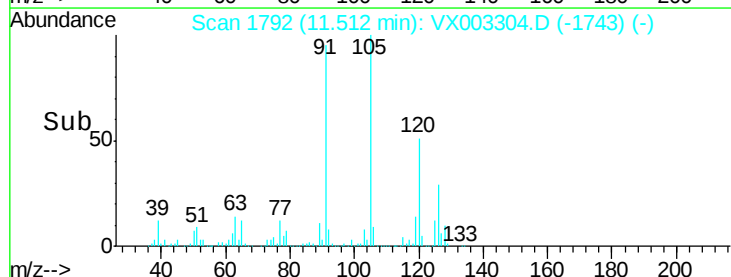
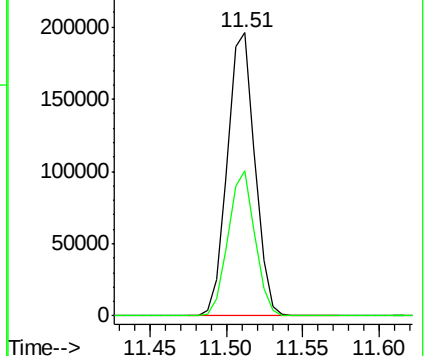
105 100

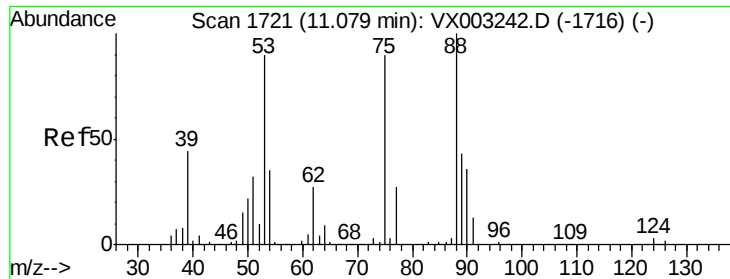
120 49.8 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX003304.D (-1743) (-)

Ion 120.00 (119.70 to 120.70): VX003304.D (-1743) (-)





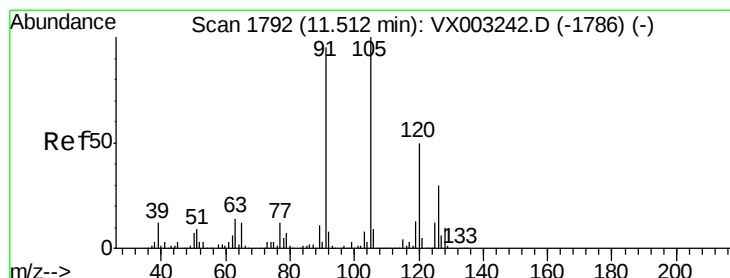
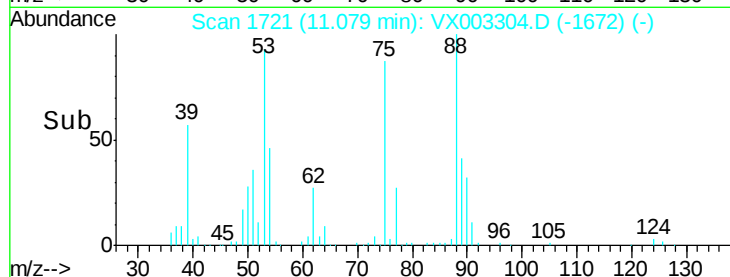
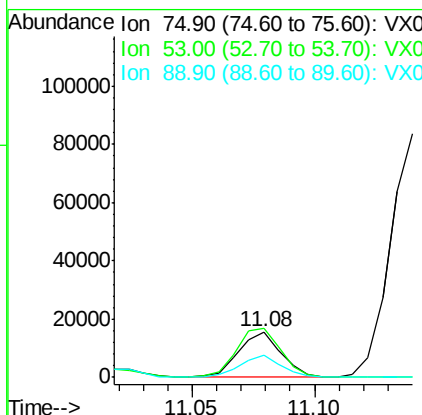
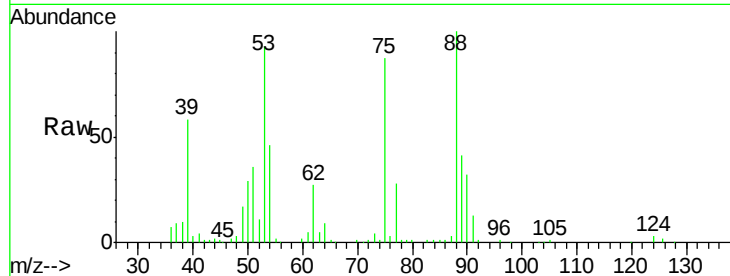
#81
trans-1,4-Dichloro-2-butene
Concen: 14.62 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	112.8	86.8	130.2
89	48.1	38.2	57.2

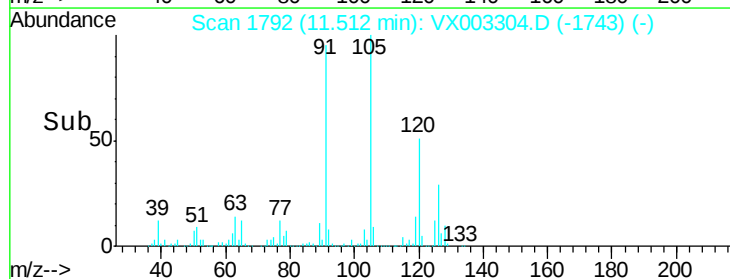
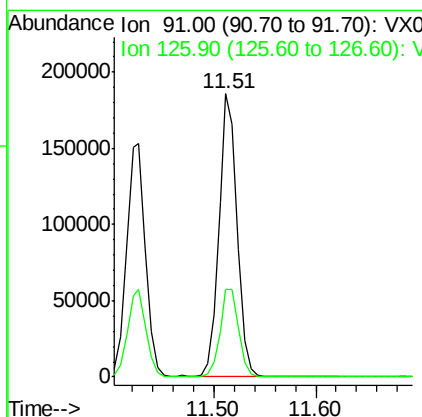
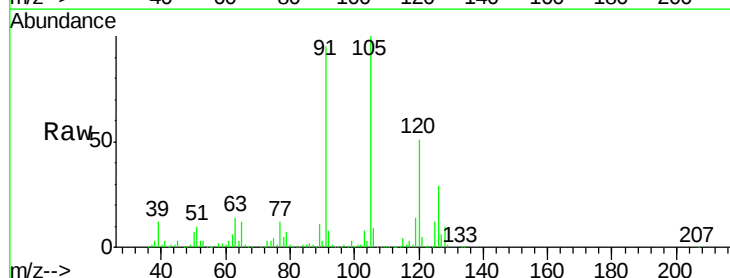
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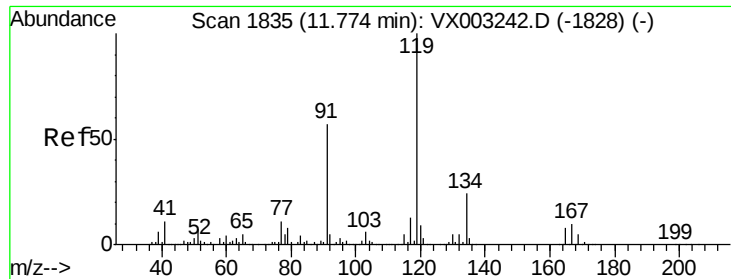
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#82
4-Chlorotoluene
Concen: 19.08 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	15.4	46.4





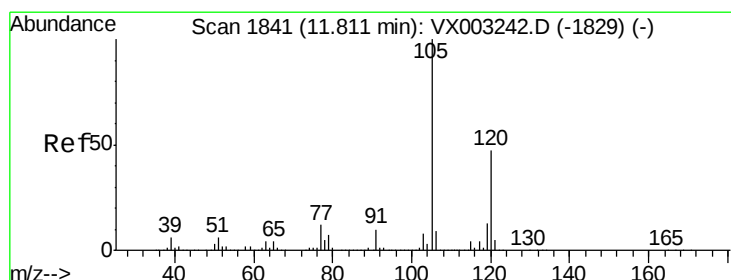
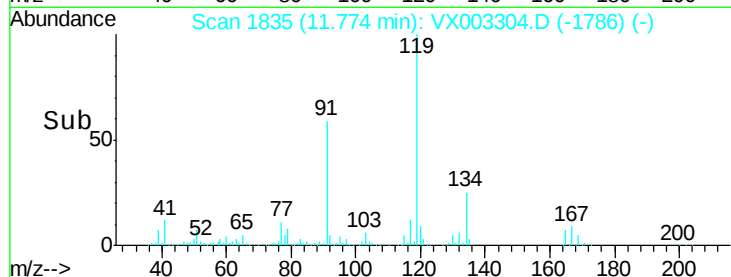
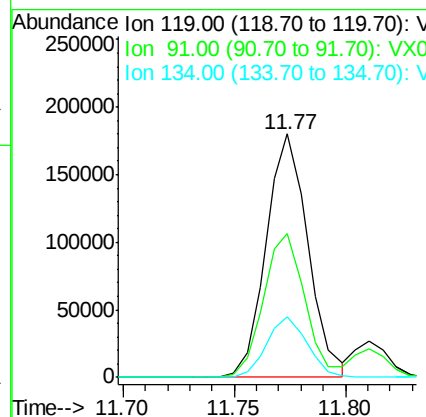
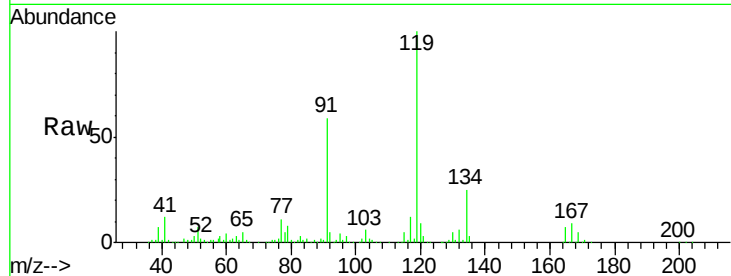
#83
 tert-Butylbenzene
 Concen: 18.42 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
119	100		234755		
91	58.9	30.3	90.9		
134	24.4	11.7	35.1		

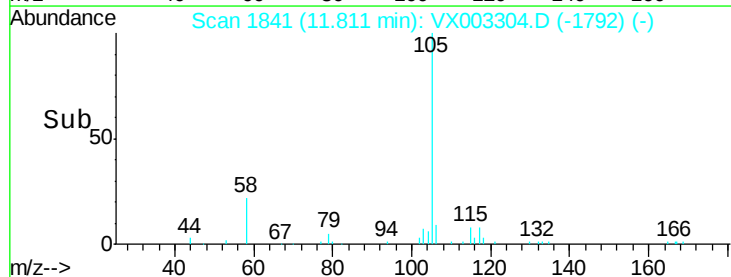
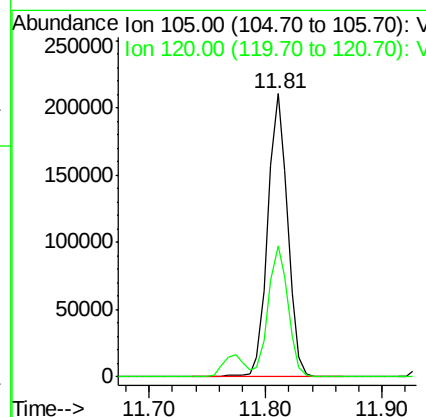
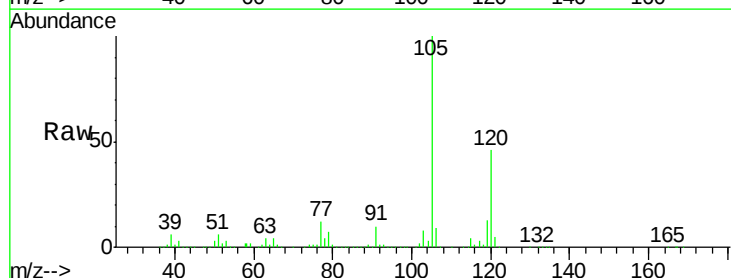
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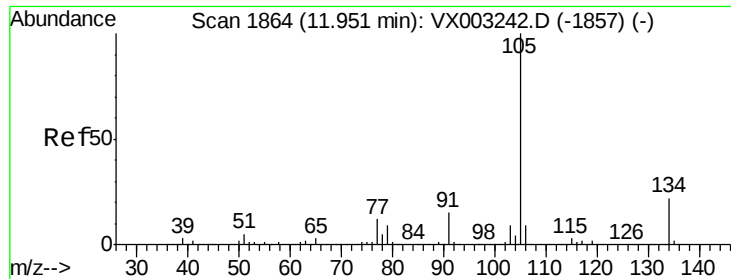
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.24 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		251292		
120	46.2	22.3	66.8		





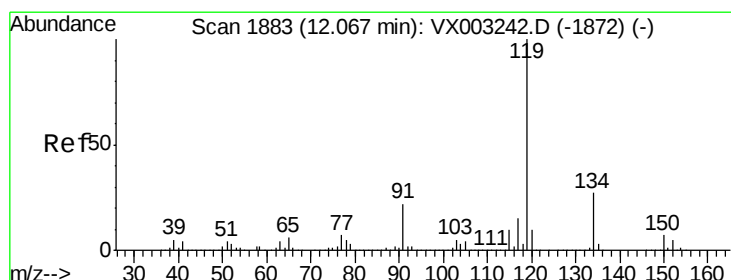
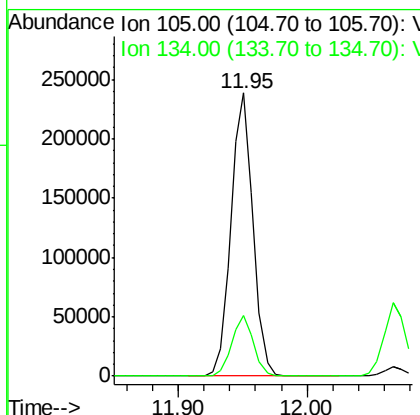
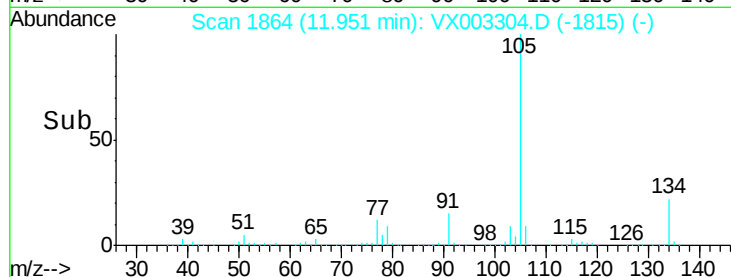
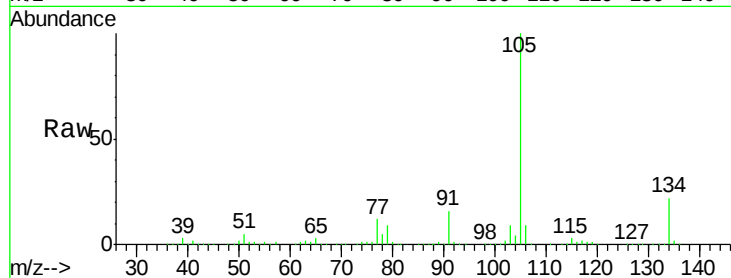
#85
 sec-Butylbenzene
 Concen: 18.90 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

Instrument :
 MSVOA_X
 ClientSampled :
 VX0710WBS02

Tot Ion:105 Resp: 284642
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.4 31.1

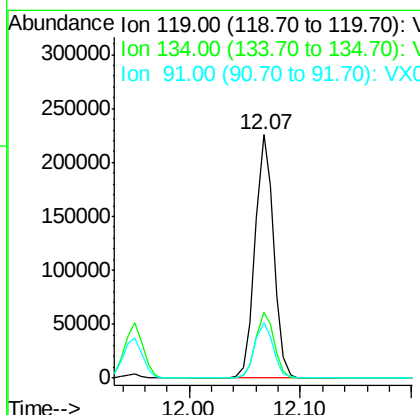
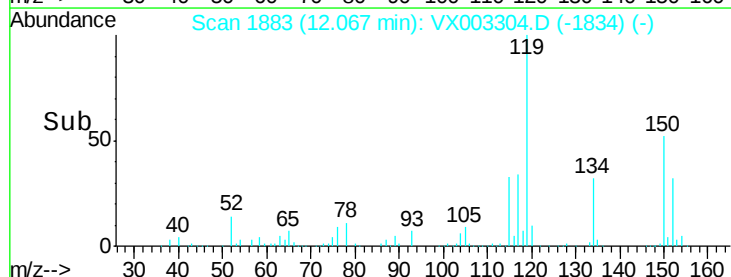
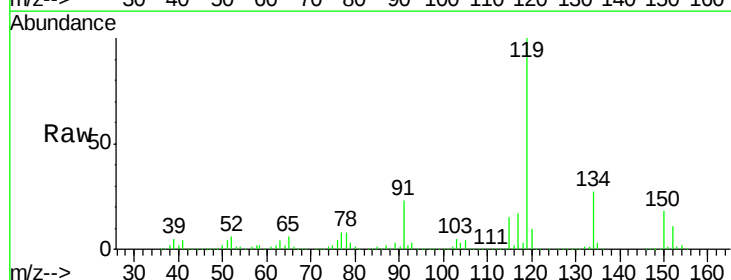
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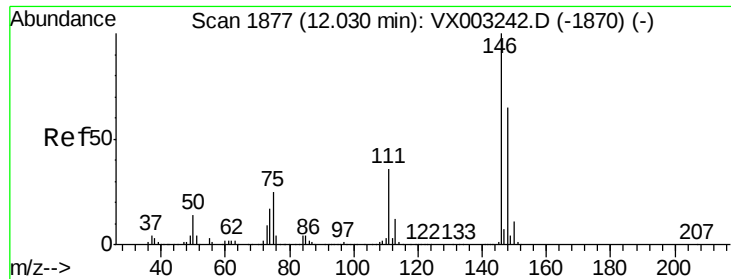
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#86
 p-Isopropyltoluene
 Concen: 19.10 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

Tgt Ion:119 Resp: 262108
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.4 40.1
 91 22.9 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 18.80 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

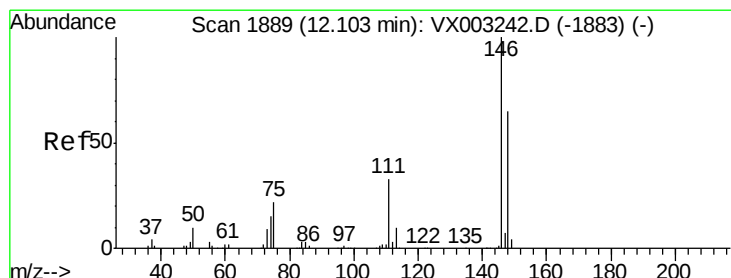
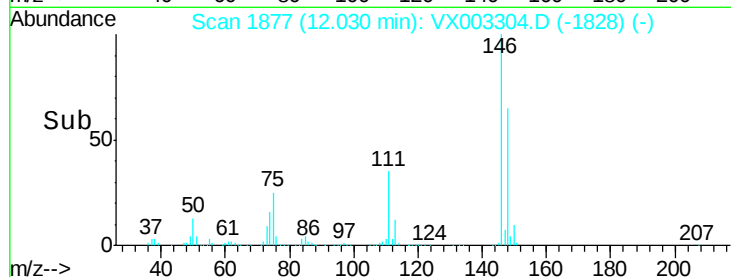
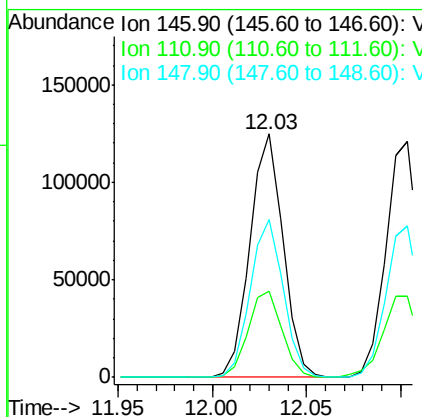
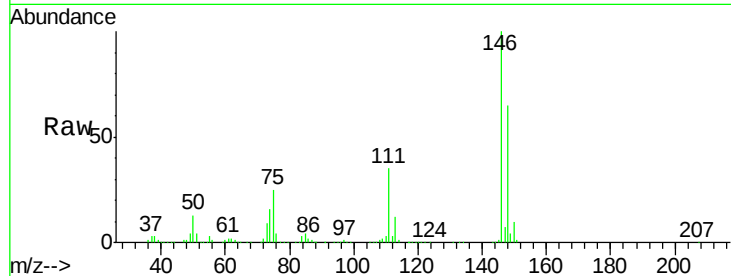
ClientSampleId :

VX0710WBS02

Tot Ion:	146	Resp:	152518
Ion Ratio	Lower	Upper	
146	100		
111	36.3	18.9	56.7
148	64.4	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 18.58 ug/l

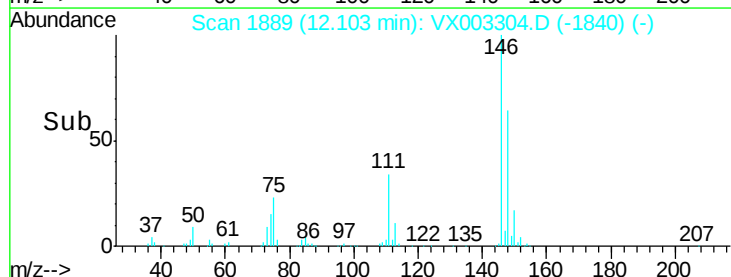
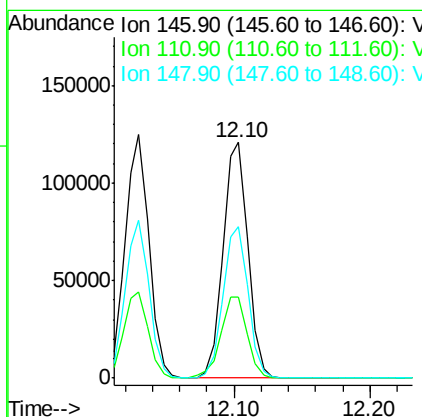
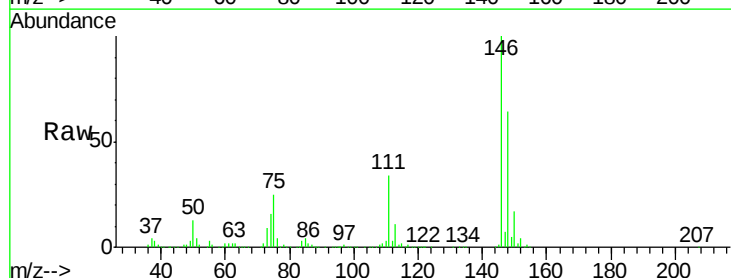
RT: 12.10 min Scan# 1889

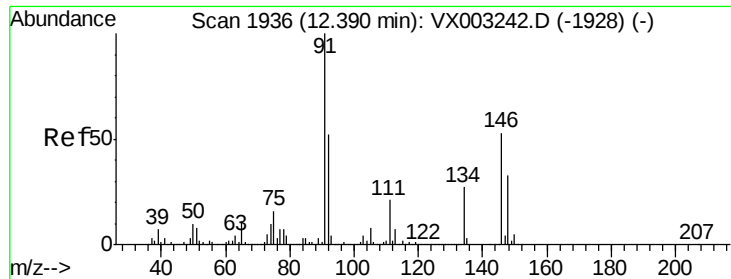
Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Tgt Ion:	146	Resp:	152652
Ion Ratio	Lower	Upper	
146	100		
111	36.6	18.7	56.1
148	65.0	32.4	97.0





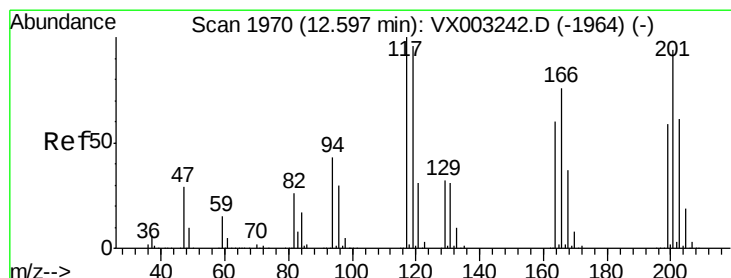
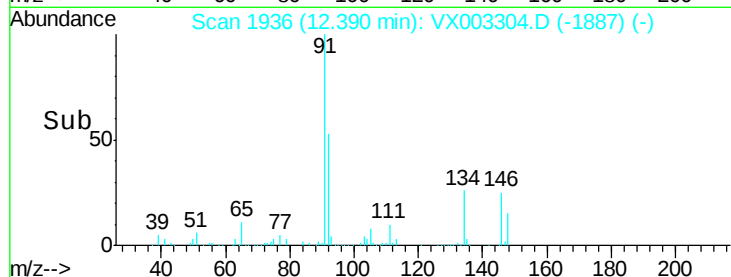
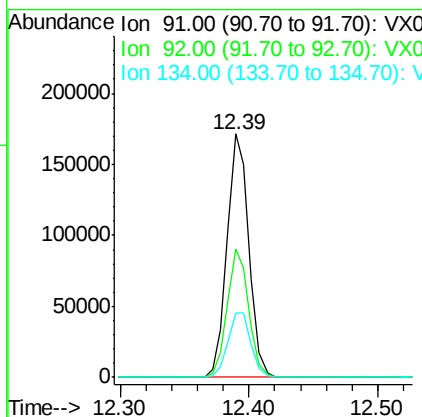
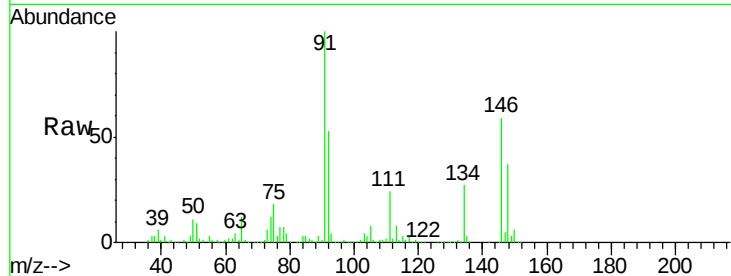
#89
n-Butylbenzene
Concen: 17.87 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.0	78.0
134	27.9	13.5	40.5

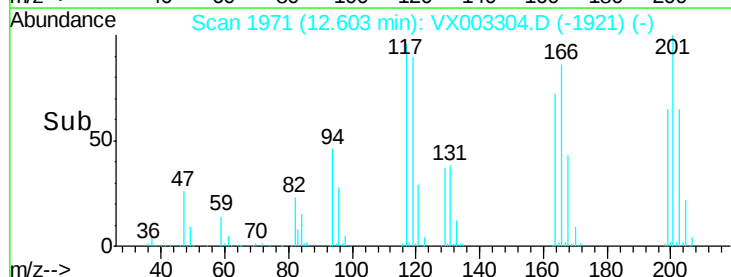
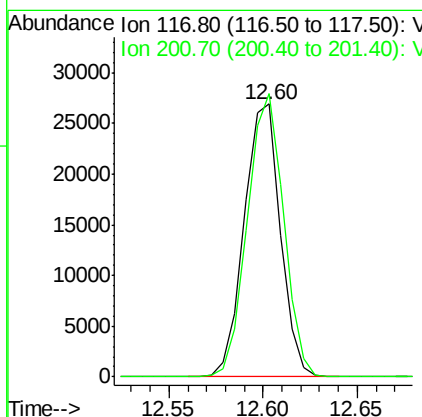
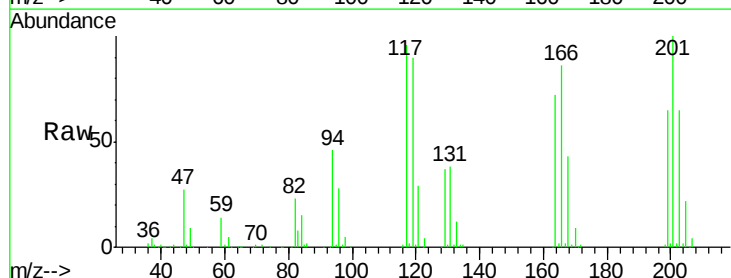
Manual Integrations
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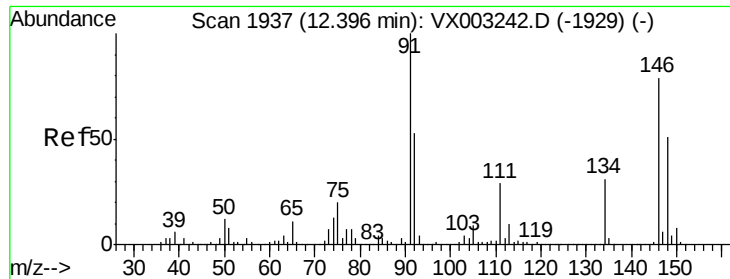
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#90
Hexachloroethane
Concen: 17.16 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	103.3	49.0	147.0





#91

1,2-Dichlorobenzene

Concen: 18.74 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

Instrument :

MSVOA_X

ClientSampleId :

VX0710WBS02

Tot Ion:146 Resp: 152662

Ion Ratio Lower Upper

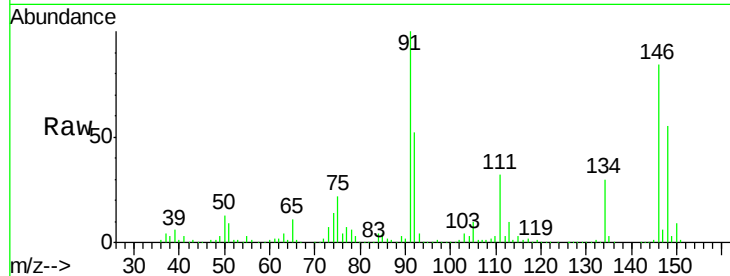
146 100

111 37.8 19.4 58.1

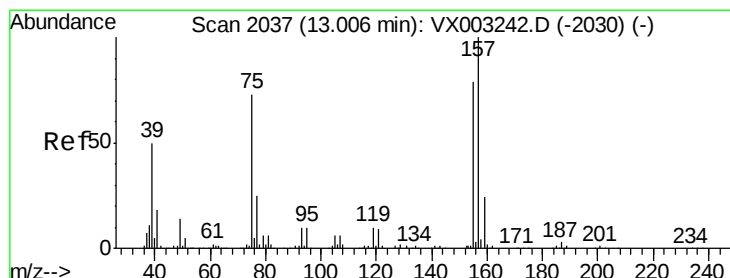
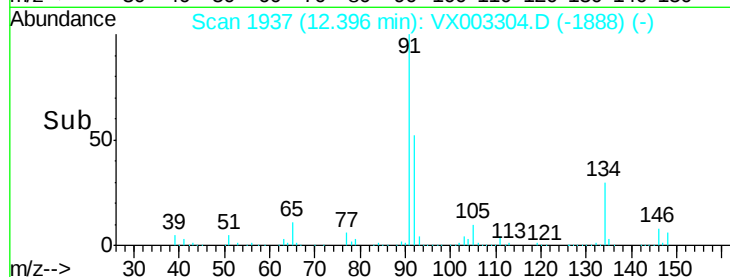
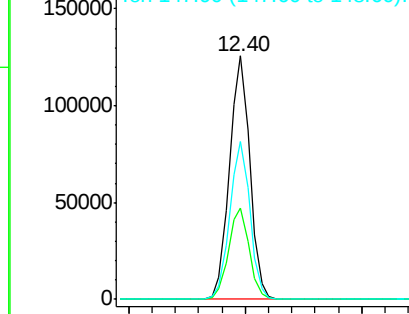
148 64.2 31.7 95.1

Manual Integrations
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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: 18.74 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. -0.00 min

Lab File: VX003304.D

Acq: 11 Jul 2018 01:03

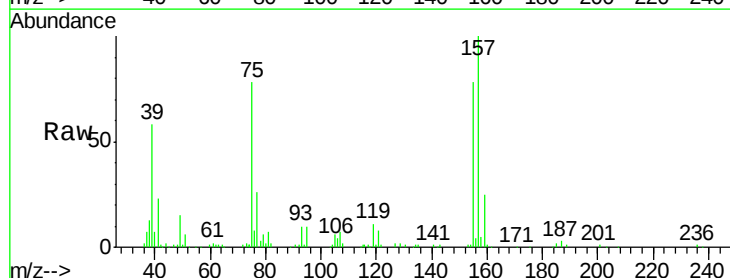
Tgt Ion: 75 Resp: 19104

Ion Ratio Lower Upper

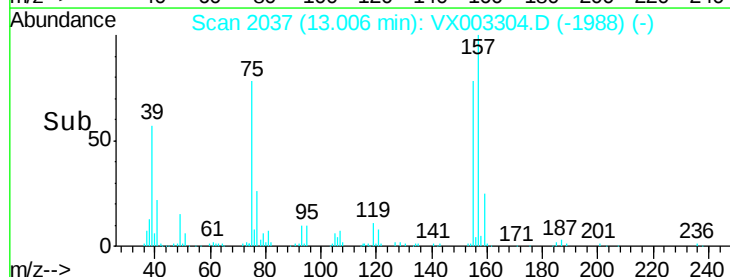
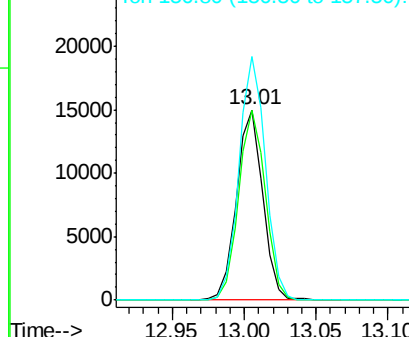
75 100

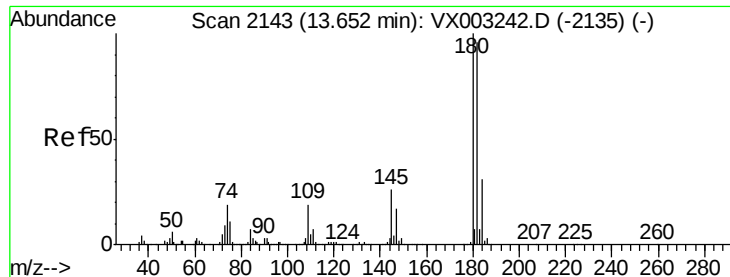
155 101.0 45.8 137.4

157 127.4 60.1 180.3



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





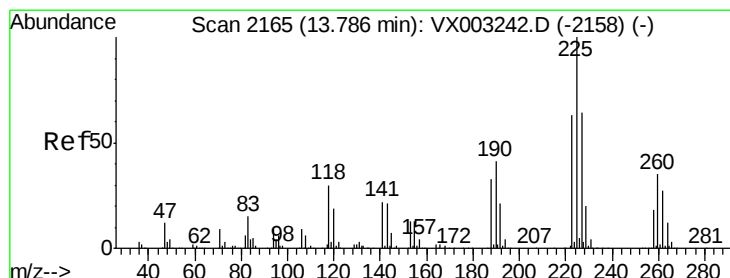
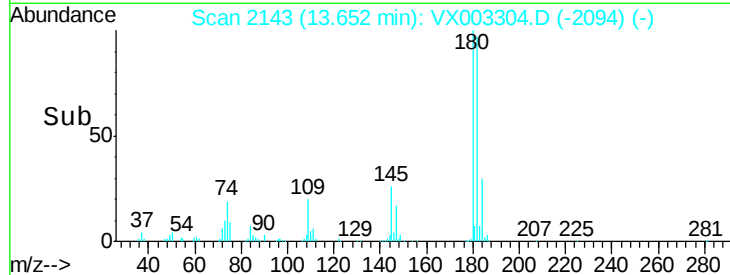
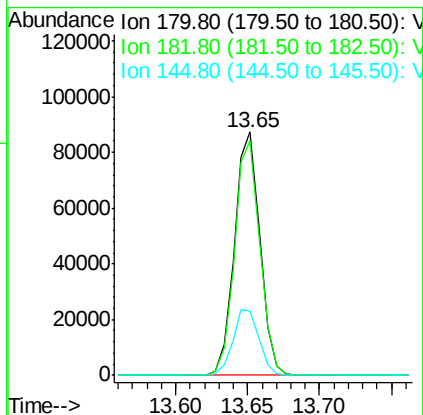
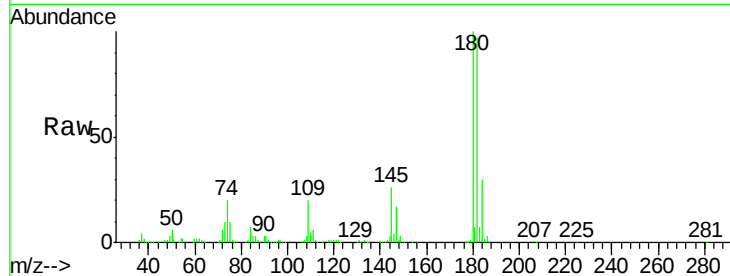
#93
 1,2,4-Trichlorobenzene
 Concen: 18.18 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.7	143.1
145	27.7	14.1	42.4

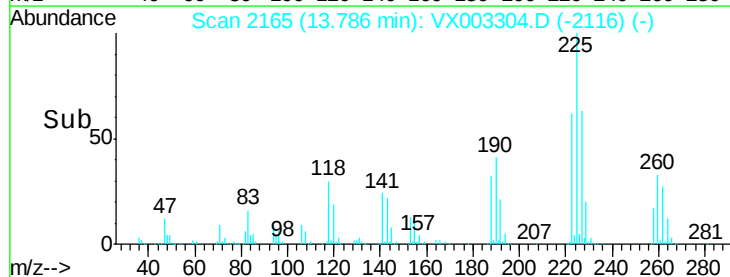
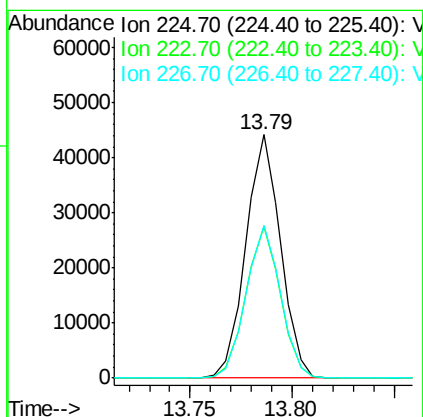
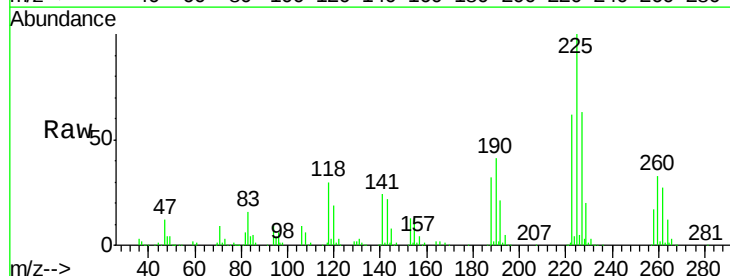
Manual Integrations
 APPROVED

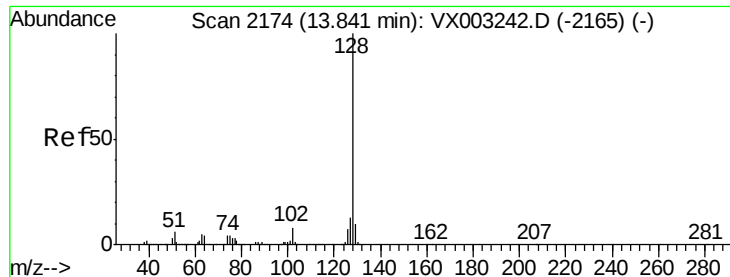
MMDadoda
 7/11/2018 3:09:30 PM



#94
 Hexachlorobutadiene
 Concen: 17.67 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003304.D
 Acq: 11 Jul 2018 01:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.6	95.0
227	62.3	32.4	97.2





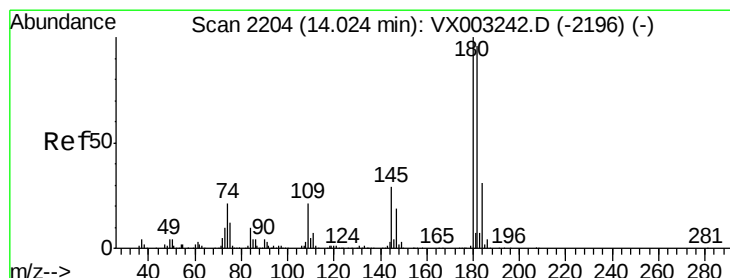
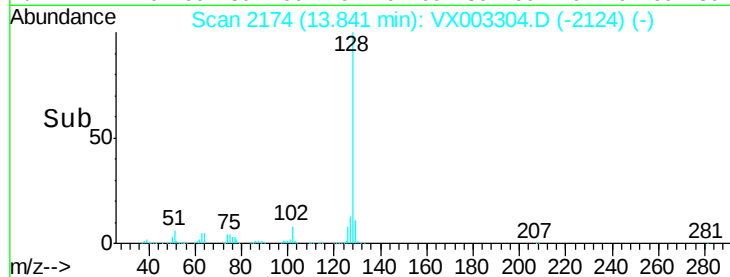
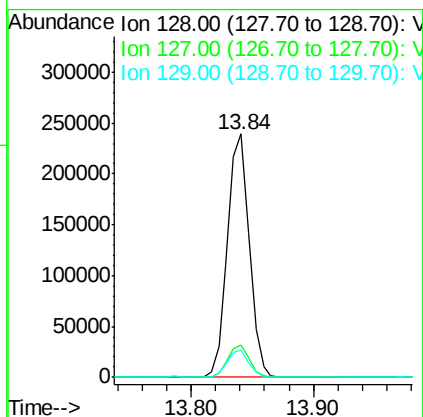
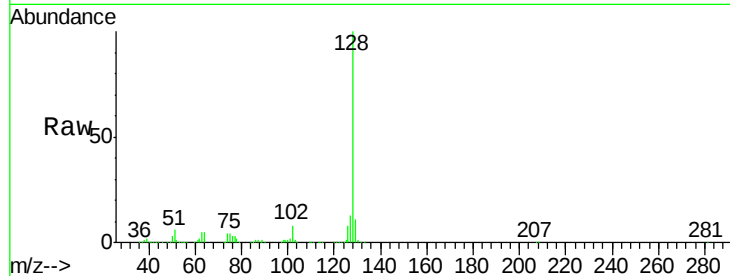
#95
Naphthalene
Concen: 19.01 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.01 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
7/11/2018 3:09:30 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.64 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX003304.D
Acq: 11 Jul 2018 01:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.0	144.0
145	29.2	14.8	44.3

