

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090418\
 Data File : VX004344.D
 Acq On : 04 Sep 2018 13:58
 Operator : JC/MD
 Sample : VX0904WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904WBS02

Manual Integrations
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 9/5/2018 4:52:23 PM

Quant Time: Sep 05 07:07:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	311684	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	447059	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	409473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	243885	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	200152	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
35) Dibromofluoromethane	5.50	113	172802	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	
50) Toluene-d8	8.71	98	642917	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
62) 4-Bromofluorobenzene	11.14	95	237129	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	68478	18.97	ug/l	96
3) Chloromethane	1.32	50	75927	19.21	ug/l	100
4) Vinyl Chloride	1.40	62	78441	19.21	ug/l	100
5) Bromomethane	1.64	94	37913	17.52	ug/l	97
6) Chloroethane	1.72	64	60726	20.14	ug/l	100
7) Trichlorofluoromethane	1.92	101	108520	19.39	ug/l	98
8) Diethyl Ether	2.18	74	48778	20.35	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	69317	19.78	ug/l	100
10) Methyl Iodide	2.51	142	62419	18.70	ug/l	98
11) Tert butyl alcohol	3.07	59	94269	108.86	ug/l	100
12) 1,1-Dichloroethene	2.37	96	63318	19.18	ug/l	99
13) Acrolein	2.29	56	22168	106.18	ug/l	97
14) Allyl chloride	2.72	41	126189	20.80	ug/l	96
15) Acrylonitrile	3.15	53	228007	106.32	ug/l	100
16) Acetone	2.45	43	199591	116.03	ug/l	100
17) Carbon Disulfide	2.56	76	157108	17.66	ug/l	99
18) Methyl Acetate	2.78	43	162897	27.02	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	226970	20.86	ug/l	97
20) Methylene Chloride	2.86	84	78526	20.08	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	69229	18.94	ug/l	96
22) Diisopropyl ether	3.87	45	233454	20.61	ug/l	94
23) Vinyl Acetate	3.82	43	882782	96.16	ug/l	100
24) 1,1-Dichloroethane	3.69	63	136649	20.70	ug/l	100
25) 2-Butanone	4.70	43	297175	107.55	ug/l	99
26) 2,2-Dichloropropane	4.58	77	104953	20.27	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	80348	19.38	ug/l	99
28) Bromochloromethane	5.01	49	64856	22.19	ug/l	98
29) Tetrahydrofuran	5.16	42	183288	105.01	ug/l	99
30) Chloroform	5.21	83	133022	20.10	ug/l	99
31) Cyclohexane	5.57	56	106311	18.67	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	109704	19.88	ug/l	99
36) 1,1-Dichloropropene	5.79	75	94887	18.88	ug/l	98
37) Ethyl Acetate	4.86	43	102101	20.66	ug/l	99
38) Carbon Tetrachloride	5.78	117	93359	19.75	ug/l	99

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Manual Integrations
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Quant Time: Sep 05 07:07:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	107625	18.76	ug/l	99
40) Benzene	6.14	78	303572	20.21	ug/l	100
41) Methacrylonitrile	5.06	41	60502	21.12	ug/l	99
42) 1,2-Dichloroethane	6.20	62	102661	20.04	ug/l	99
43) Isopropyl Acetate	6.46	43	155978	20.54	ug/l	99
44) Trichloroethene	7.21	130	81486	19.60	ug/l	99
45) 1,2-Dichloropropane	7.52	63	78669	20.93	ug/l	100
46) Dibromomethane	7.67	93	50240	20.07	ug/l	99
47) Bromodichloromethane	7.90	83	95722	20.56	ug/l	99
48) Methyl methacrylate	7.78	41	83611	20.57	ug/l	99
49) 1,4-Dioxane	7.76	88	40862	442.84	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	566363	102.63	ug/l	99
52) Toluene	8.79	92	193156	20.55	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	104259	20.27	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	115850	20.68	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	80178	21.13	ug/l	99
56) Ethyl methacrylate	9.18	69	105550	20.43	ug/l	99
57) 1,3-Dichloropropane	9.37	76	134112	20.97	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	305889	115.56	ug/l	99
59) 2-Hexanone	9.50	43	434498	103.20	ug/l	99
60) Dibromochloromethane	9.59	129	75196	20.34	ug/l	98
61) 1,2-Dibromoethane	9.67	107	80654	20.54	ug/l	98
64) Tetrachloroethene	9.34	164	85217	21.07	ug/l	99
65) Chlorobenzene	10.14	112	209200	20.36	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	69957	19.74	ug/l	98
67) Ethyl Benzene	10.25	91	323043	19.36	ug/l	95
68) m/p-Xylenes	10.36	106	276916	42.43	ug/l	100
69) o-Xylene	10.70	106	131433	21.29	ug/l	99
70) Styrene	10.71	104	222653	22.28	ug/l	99
71) Bromoform	10.86	173	57797	20.23	ug/l #	99
73) Isopropylbenzene	11.02	105	359630	22.45	ug/l	100
74) N-amyl acetate	10.90	43	129763	21.04	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	120383	21.48	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	111564m	22.49	ug/l	
77) Bromobenzene	11.26	156	95656	21.29	ug/l	97
78) n-propylbenzene	11.36	91	407473	22.12	ug/l	99
79) 2-Chlorotoluene	11.42	91	248175	21.89	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	301358	22.72	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	31860	20.84	ug/l	96
82) 4-Chlorotoluene	11.51	91	288863	21.65	ug/l	100
83) tert-Butylbenzene	11.77	119	293941	22.02	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	310632	22.81	ug/l	99
85) sec-Butylbenzene	11.94	105	363040	22.91	ug/l	100
86) p-Isopropyltoluene	12.07	119	318444	22.43	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	180986	21.39	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	173093	19.41	ug/l	97
89) n-Butylbenzene	12.39	91	257114	22.27	ug/l	100
90) Hexachloroethane	12.60	117	42776	21.55	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	168102	21.74	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21347	21.62	ug/l	97

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS02

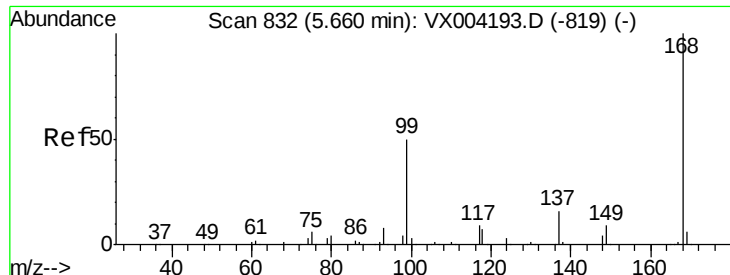
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Quant Time: Sep 05 07:07:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	121161	21.54	ug/l	100
94) Hexachlorobutadiene	13.78	225	66836	25.47	ug/l	96
95) Naphthalene	13.83	128	373822	23.49	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	132841	22.31	ug/l	100

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



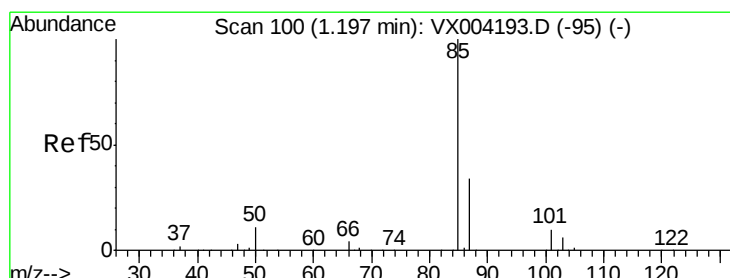
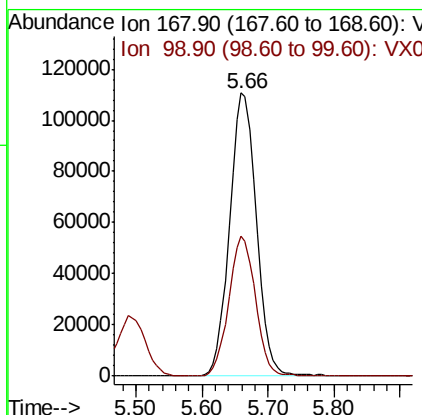
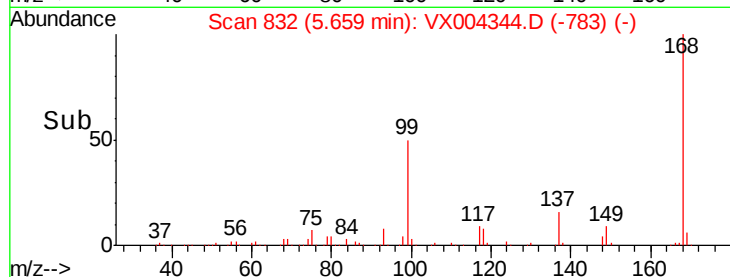
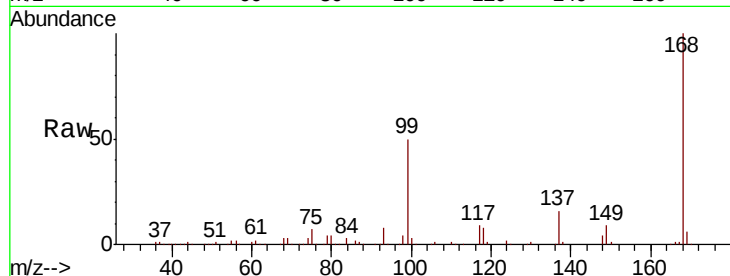
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.66 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS02

Tot Ion	Ratio	Lower	Upper
168	100		
99	49.6	39.9	59.9

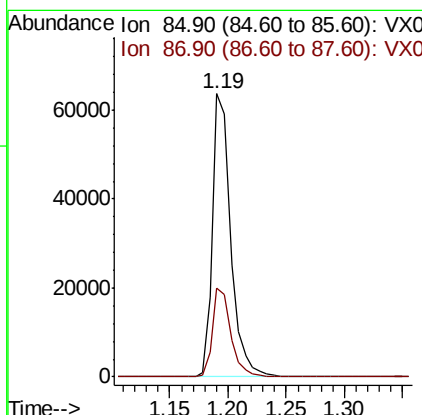
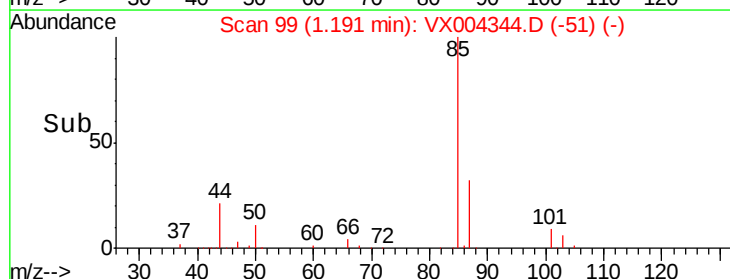
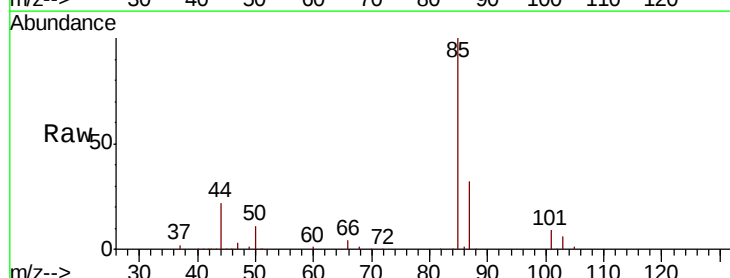
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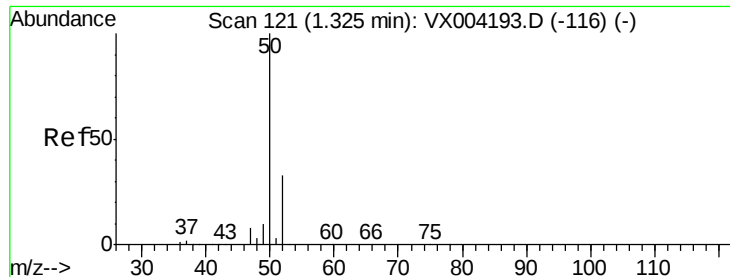
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#2
Dichlorodifluoromethane
Concen: 18.97 ug/l
RT: 1.19 min Scan# 99
Delta R.T. -0.01 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.6	17.0	50.9





#3

Chloromethane

Concen: 19.21 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0904WBS02

Tot Ion: 50 Resp: 75927

Ion Ratio Lower Upper

50 100

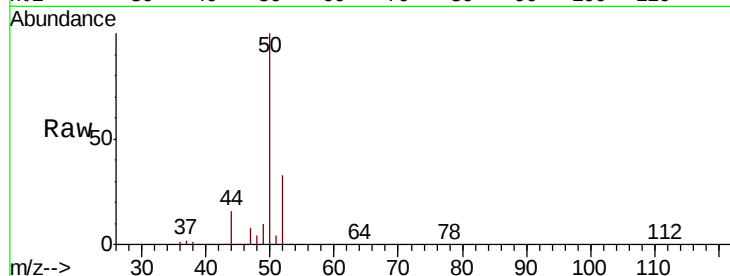
52 32.7 26.2 39.2

Manual Integrations

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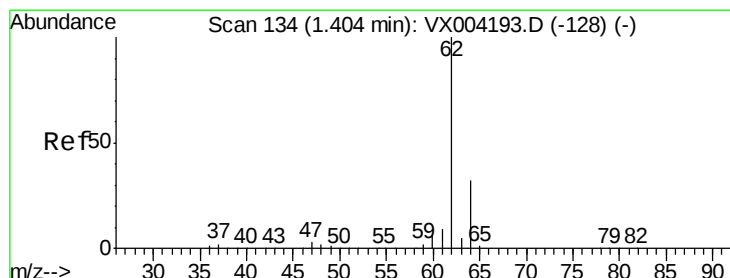
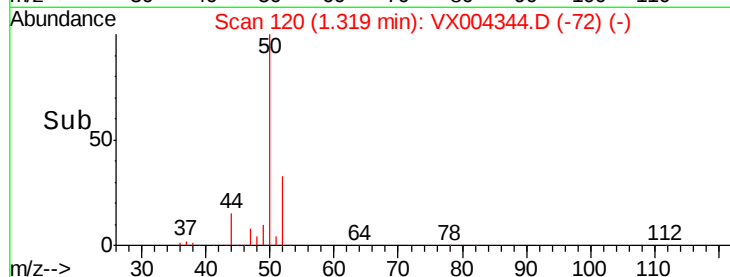
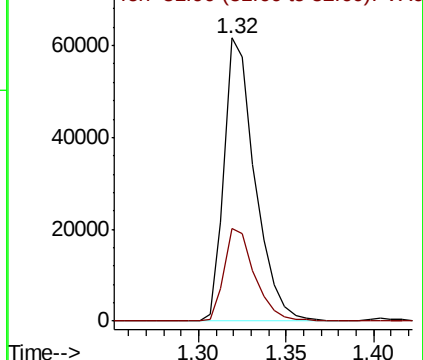
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.21 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004344.D

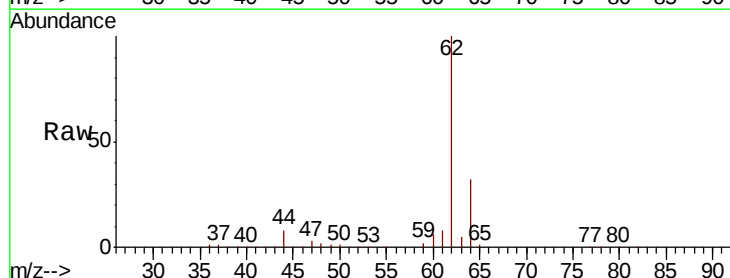
Acq: 04 Sep 2018 13:58

Tgt Ion: 62 Resp: 78441

Ion Ratio Lower Upper

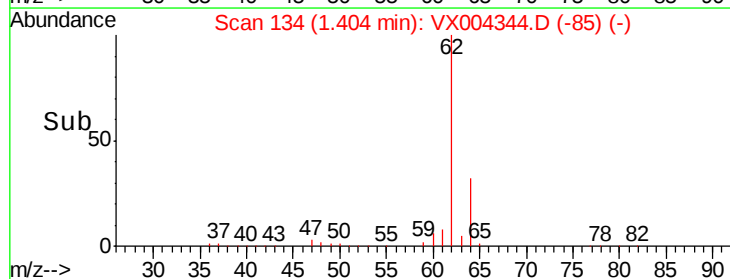
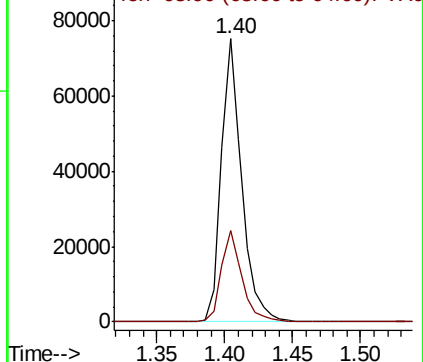
62 100

64 32.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.52 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0904WBS02

Tot Ion: 94 Resp: 37913

Ion Ratio Lower Upper

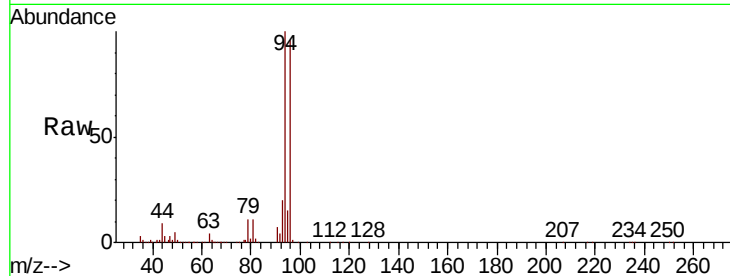
94 100

96 96.4 74.5 111.7

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

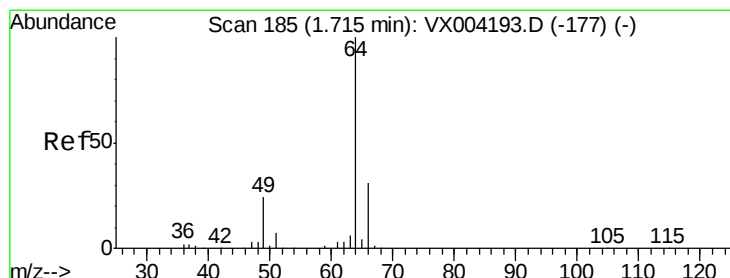
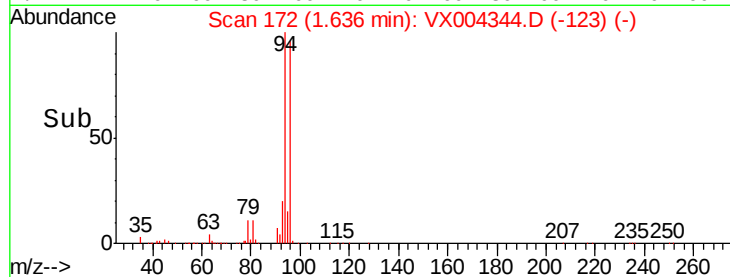
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 20.14 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX004344.D

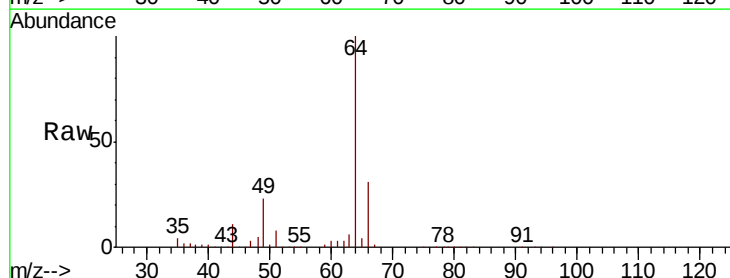
Acq: 04 Sep 2018 13:58

Tgt Ion: 64 Resp: 60726

Ion Ratio Lower Upper

64 100

66 30.6 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

40000

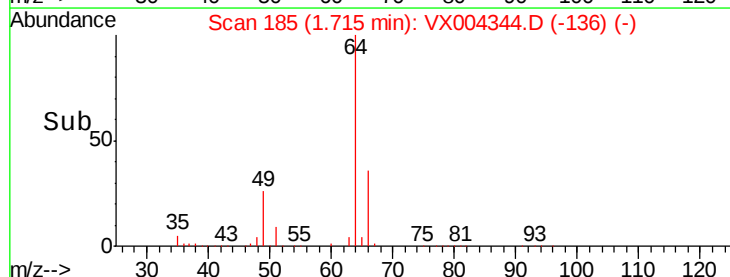
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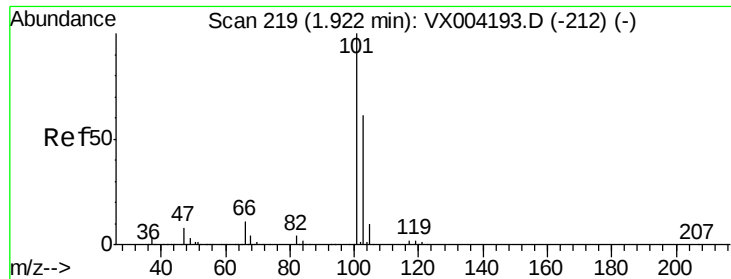
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Time-->





#7

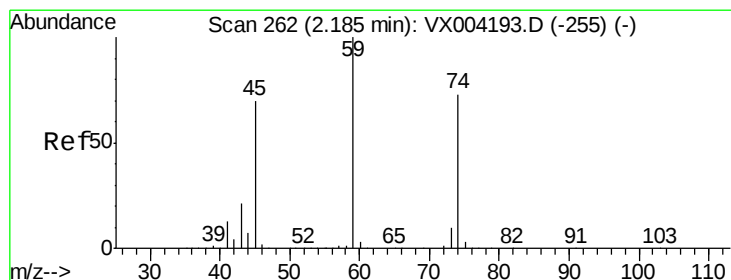
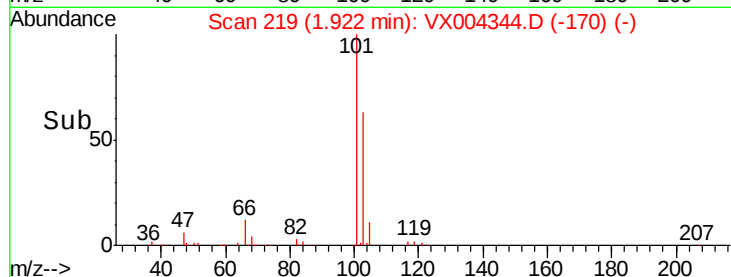
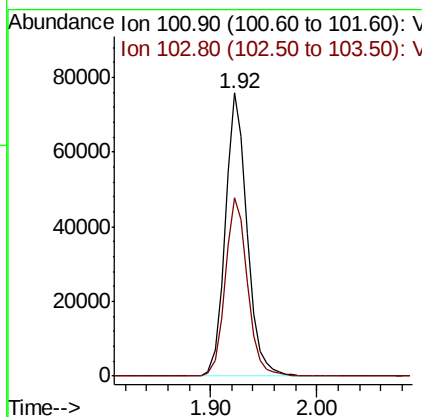
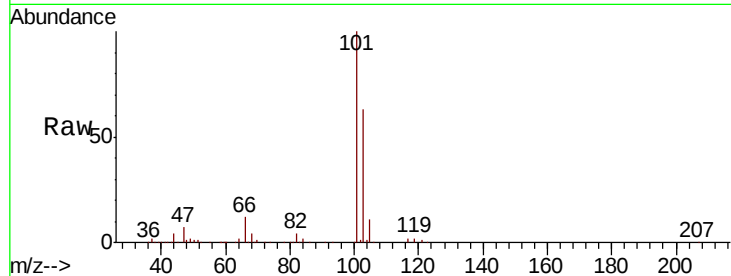
Trichlorofluoromethane
Concen: 19.39 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	48.9	73.3

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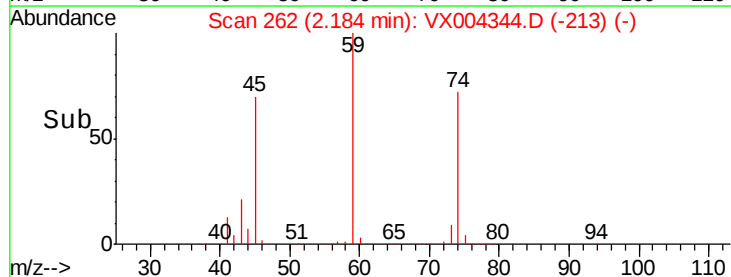
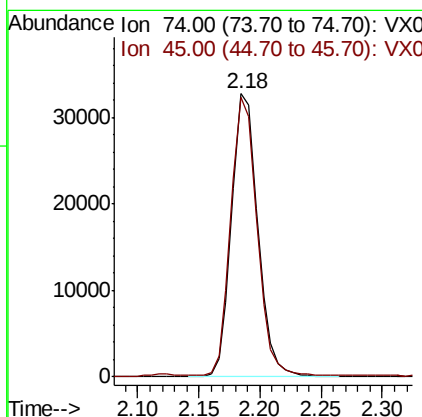
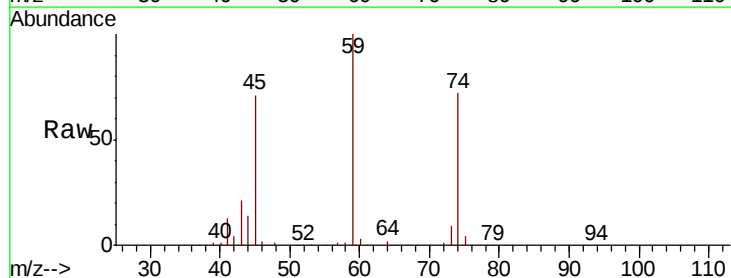
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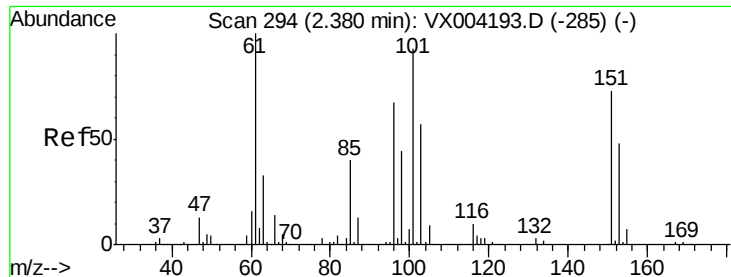


#8

Diethyl Ether
Concen: 20.35 ug/l
RT: 2.18 min Scan# 262
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.5	48.3	144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.78 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

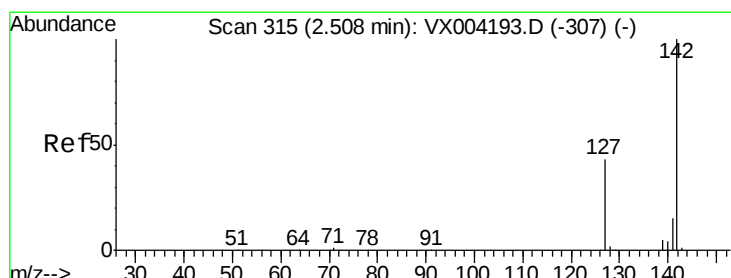
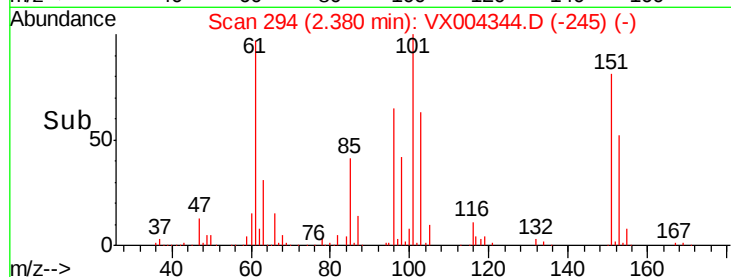
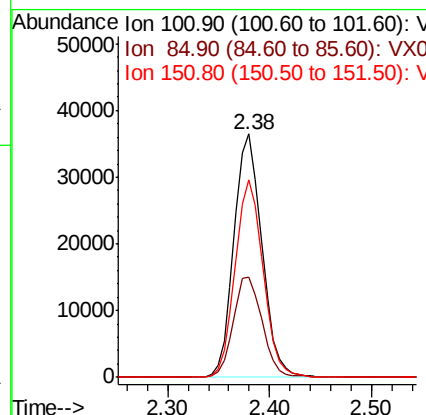
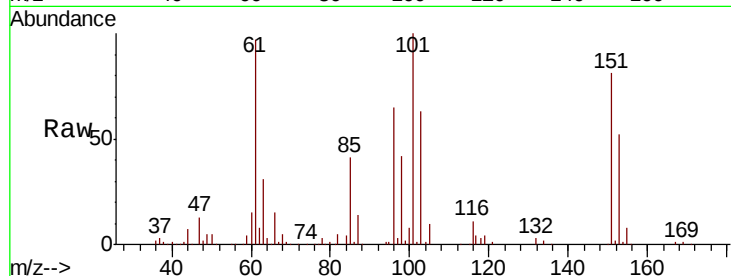
ClientSampleId :

VX0904WBS02

Tot Ion:	101	Resp:	69317
Ion Ratio	Lower	Upper	
101	100		
85	42.5	34.2	51.4
151	81.1	65.0	97.6

Manual Integrations
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#10

Methyl Iodide

Concen: 18.70 ug/l

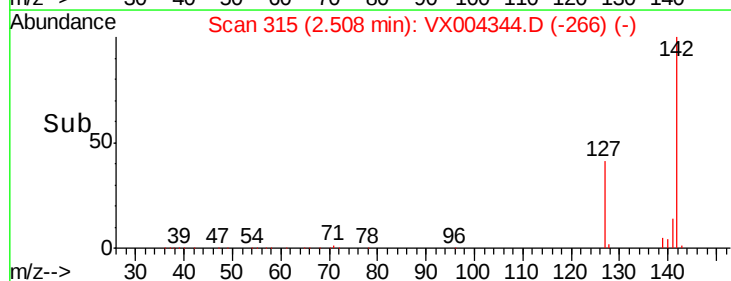
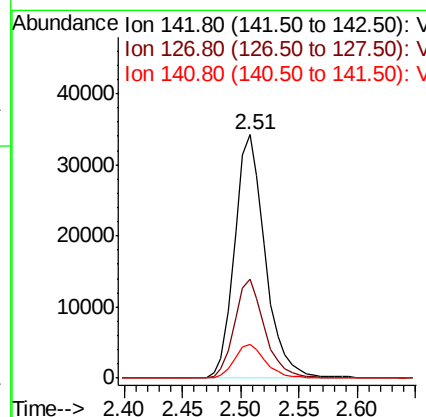
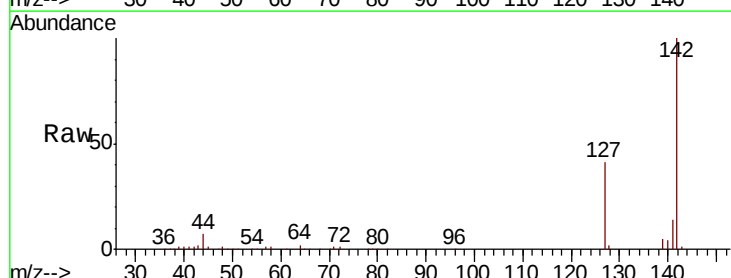
RT: 2.51 min Scan# 315

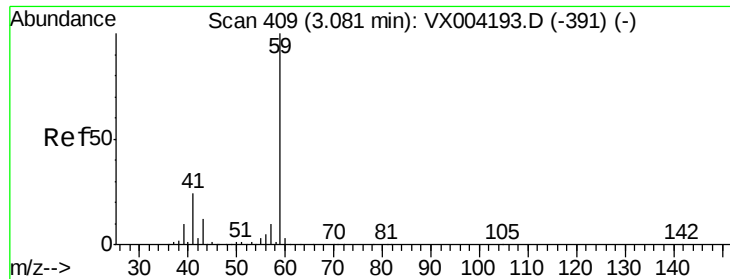
Delta R.T. 0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Tgt Ion:	142	Resp:	62419
Ion Ratio	Lower	Upper	
142	100		
127	40.6	33.8	50.6
141	13.9	11.4	17.0





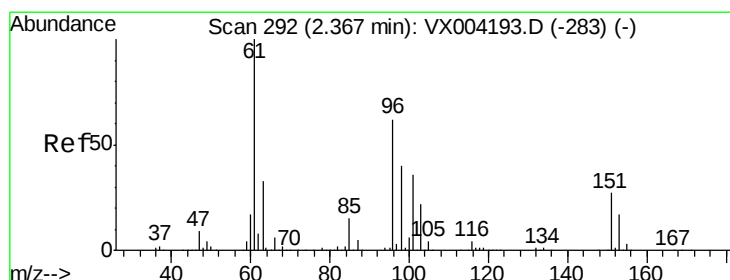
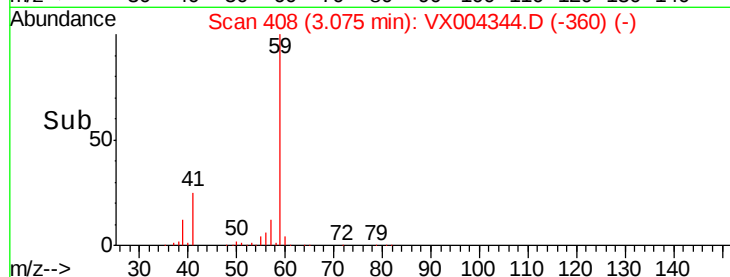
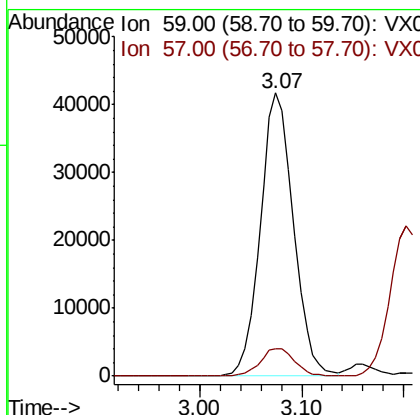
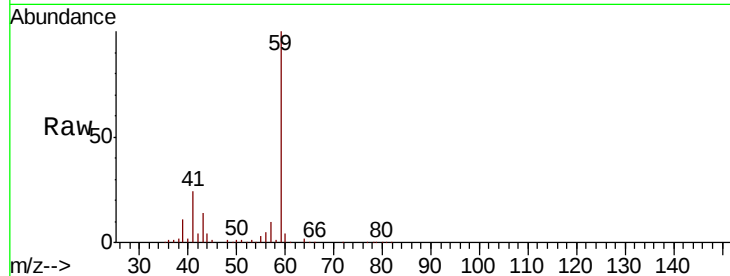
#11
Tert butyl alcohol
Concen: 108.86 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS02

Tot Ion: 59 Resp: 94269
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4

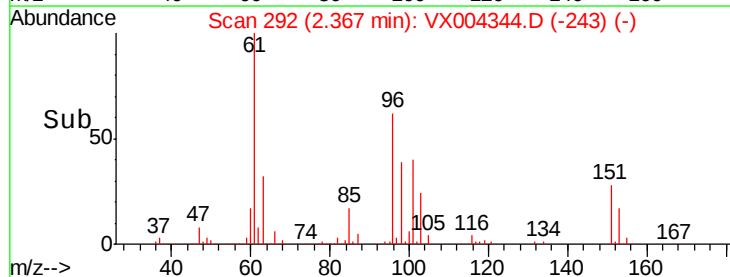
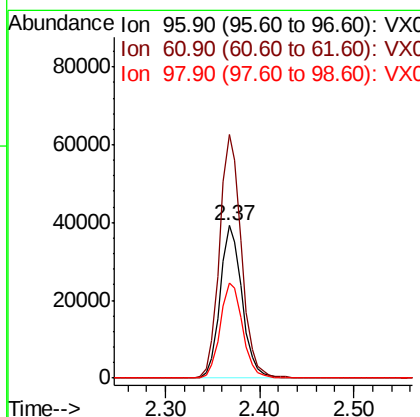
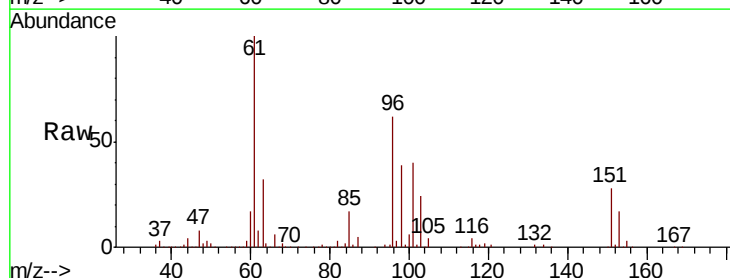
Manual Integrations
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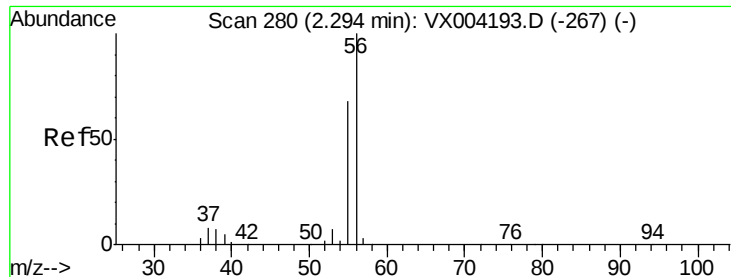
MMDadoda
9/5/2018 4:52:23 PM



#12
1,1-Dichloroethene
Concen: 19.18 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Tgt Ion: 96 Resp: 63318
Ion Ratio Lower Upper
96 100
61 160.1 128.8 193.2
98 62.7 52.2 78.2





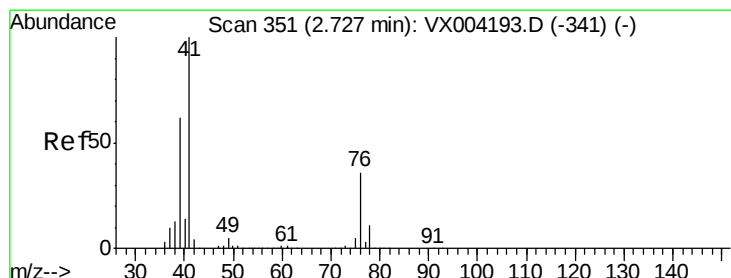
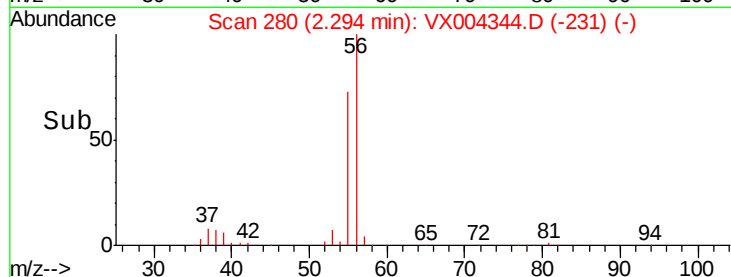
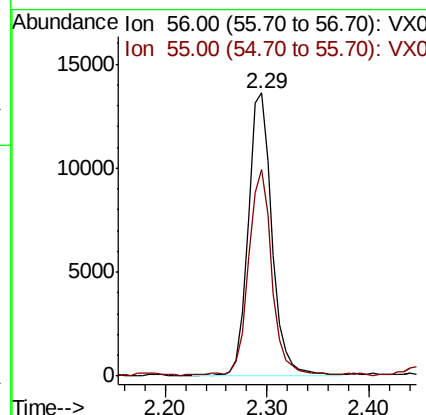
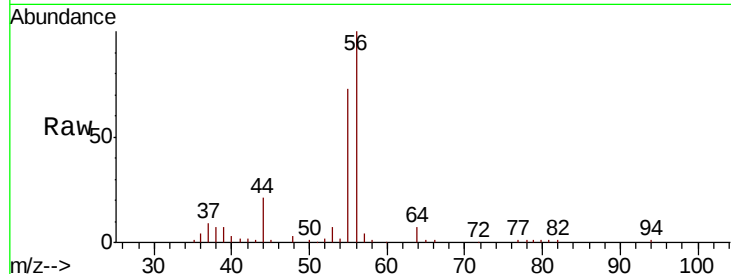
#13
Acrolein
Concen: 106.18 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS02

Tot Ion	56	55	Ratio	Lower	Upper
22168	100	71.2		54.7	82.1

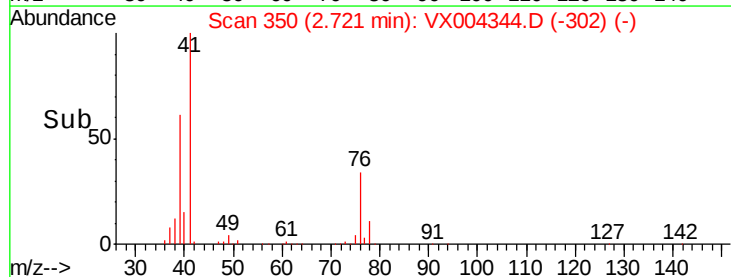
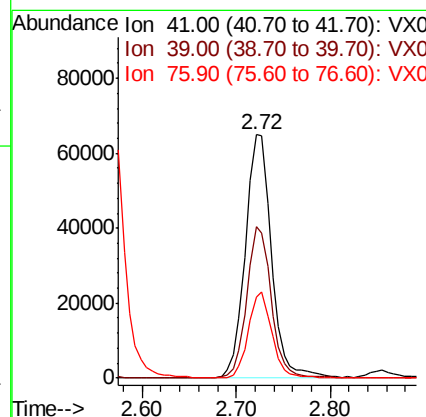
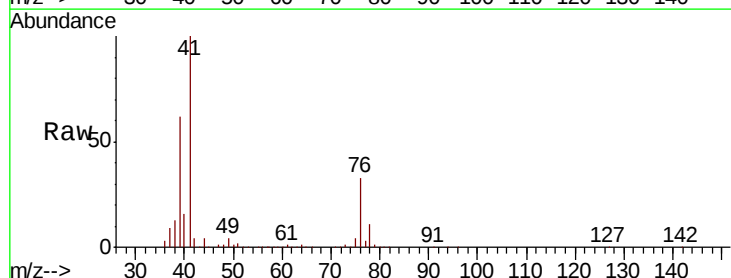
Manual Integrations
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#14
Allyl chloride
Concen: 20.80 ug/l
RT: 2.72 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Tgt Ion	41	39	76	Ratio	Lower	Upper
126189	100	58.0	32.1		48.9	73.3
					26.7	40.1





#15

Acrylonitrile

Concen: 106.32 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

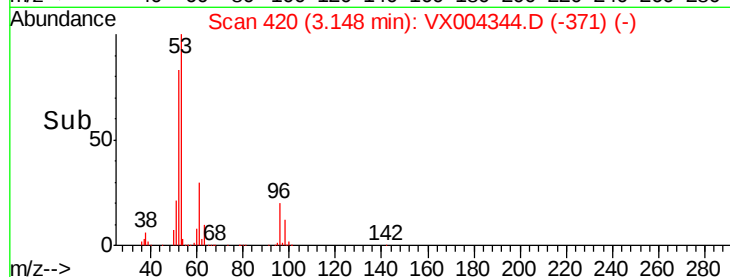
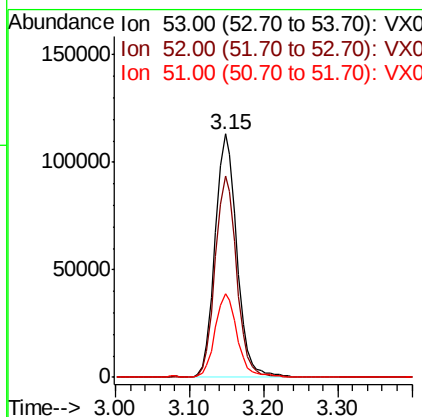
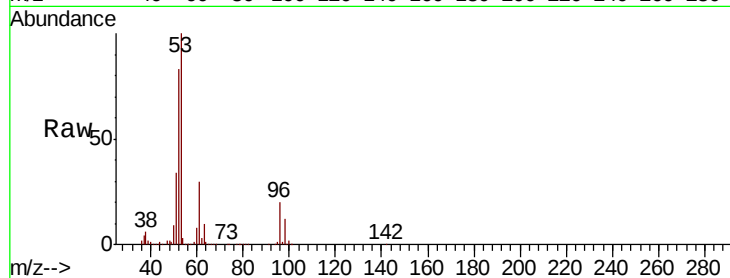
ClientSampleId :

VX0904WBS02

Tot Ion:	53	Resp:	228007
Ion	Ratio	Lower	Upper
53	100		
52	81.5	65.2	97.8
51	34.6	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 116.03 ug/l

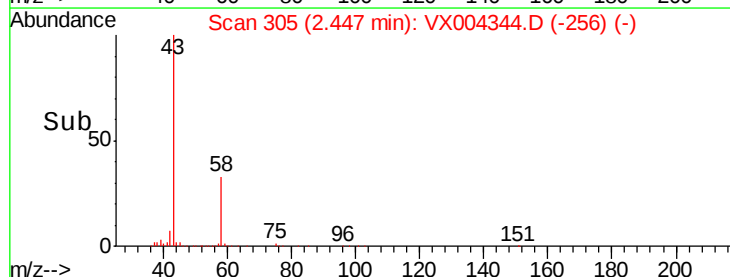
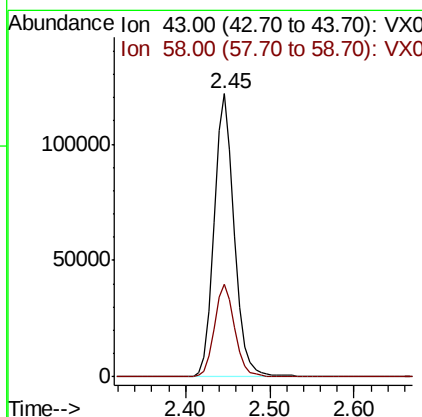
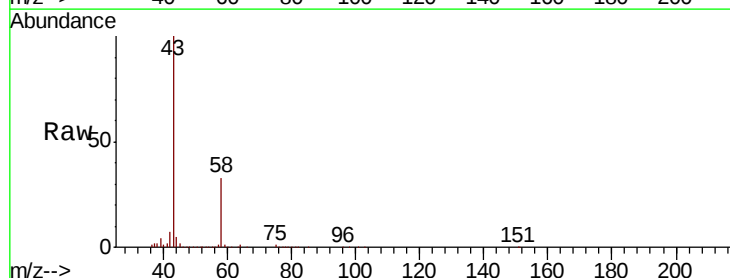
RT: 2.45 min Scan# 305

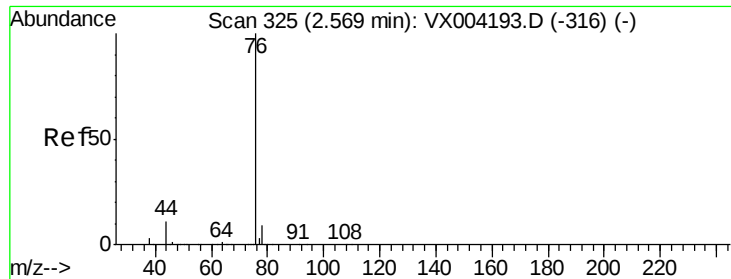
Delta R.T. 0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Tgt Ion:	43	Resp:	199591
Ion	Ratio	Lower	Upper
43	100		
58	33.0	26.2	39.4





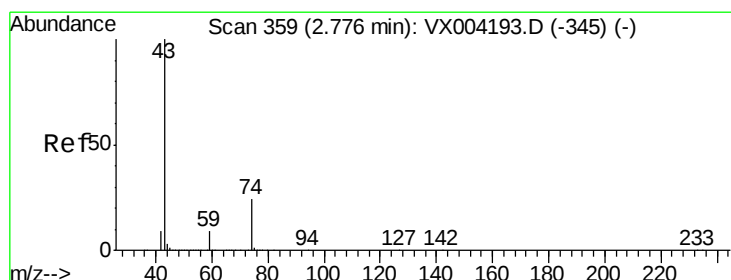
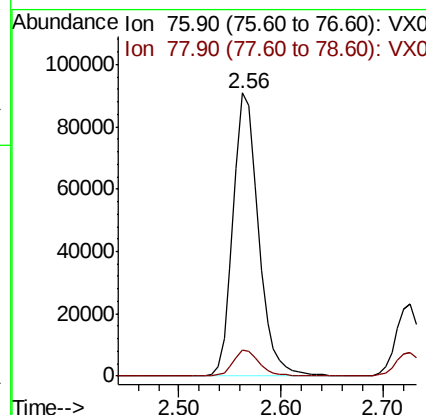
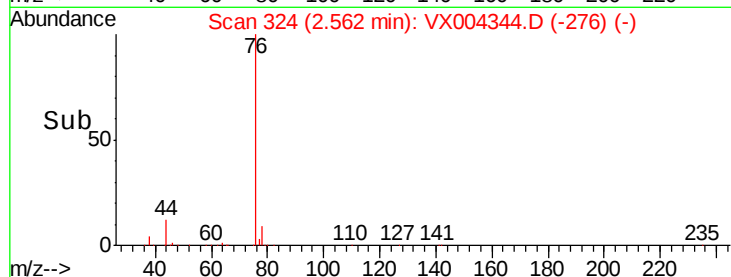
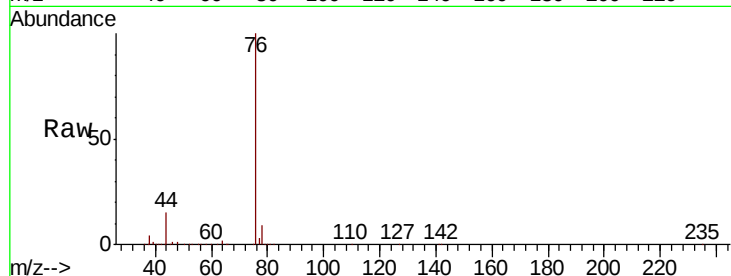
#17
Carbon Disulfide
Concen: 17.66 ug/l
RT: 2.56 min Scan# 324
Delta R.T. -0.01 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.6

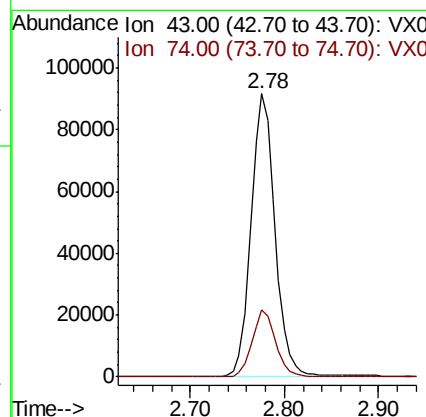
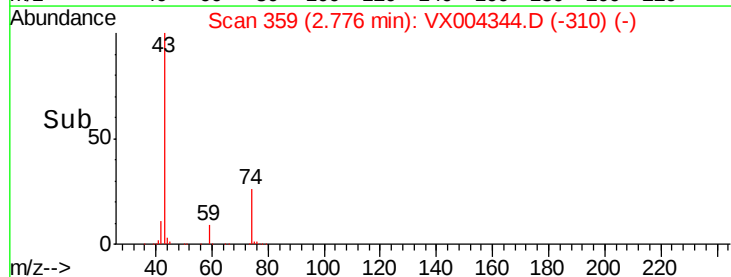
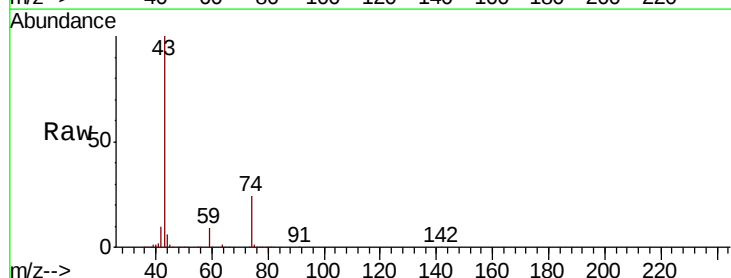
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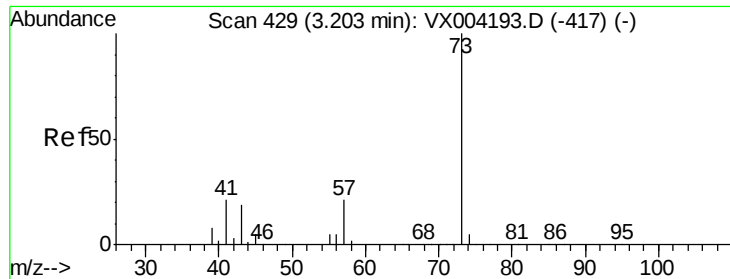
MMDadoda
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#18
Methyl Acetate
Concen: 27.02 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.9	19.4	29.2





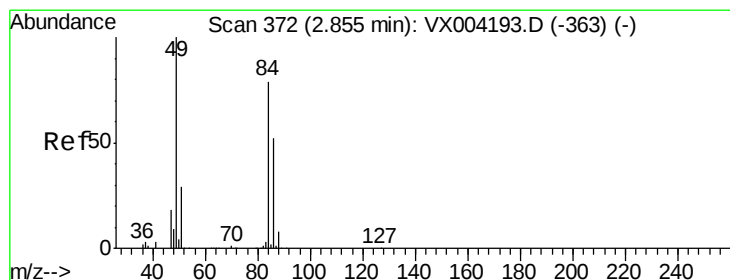
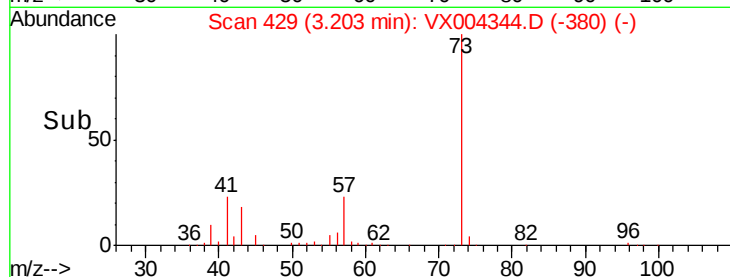
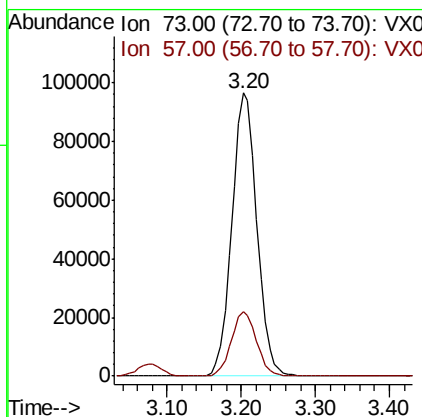
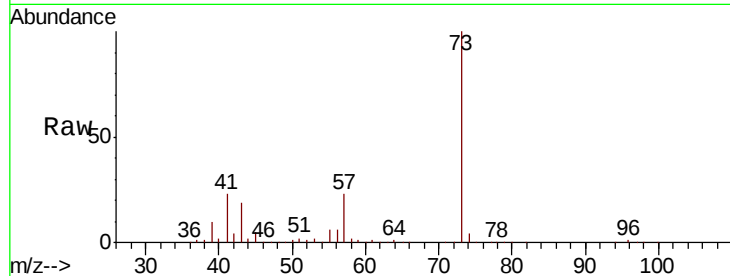
#19
Methvl tert-butvl Ether
Concen: 20.86 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS02

Tot Ion: 73 Resp: 226970
Ion Ratio Lower Upper
73 100
57 23.0 17.1 25.7

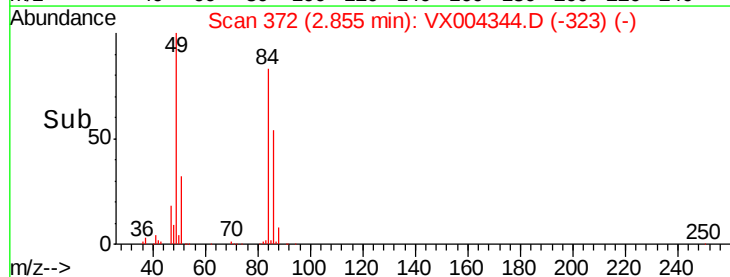
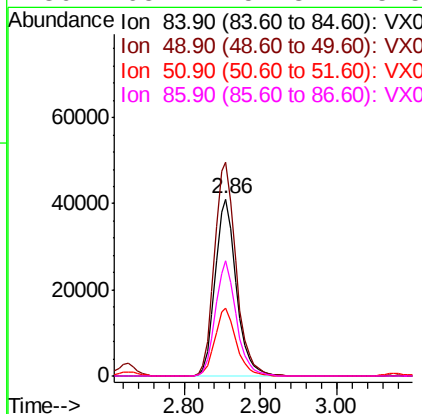
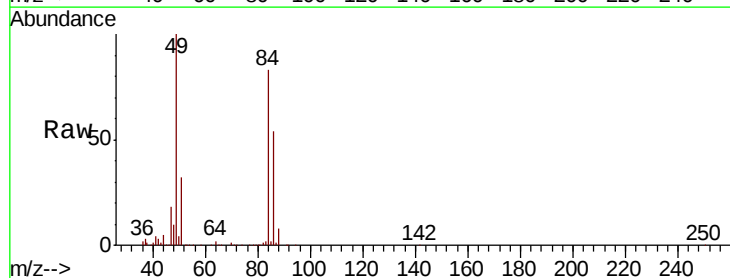
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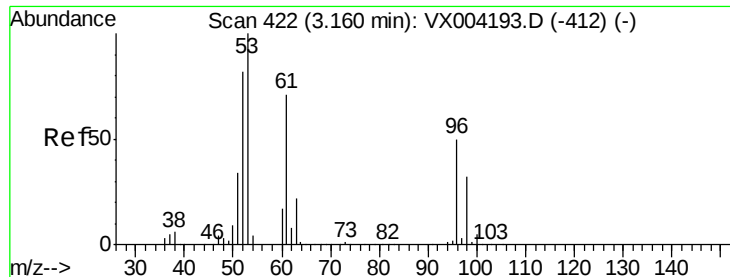
MMDadoda
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#20
Methylene Chloride
Concen: 20.08 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Tgt Ion: 84 Resp: 78526
Ion Ratio Lower Upper
84 100
49 120.5 101.2 151.8
51 37.8 29.5 44.3
86 65.2 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 18.94 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0904WBS02

Tot Ion: 96 Resp: 69229

Ion Ratio Lower Upper

96 100

61 136.0 113.8 170.6

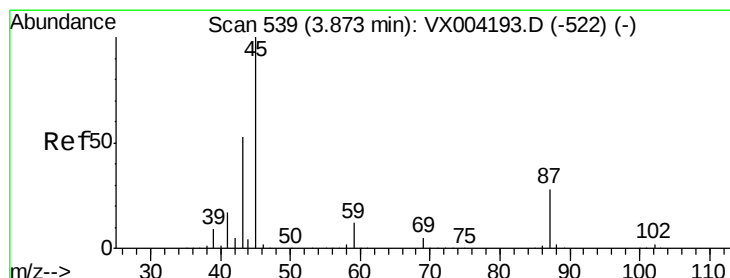
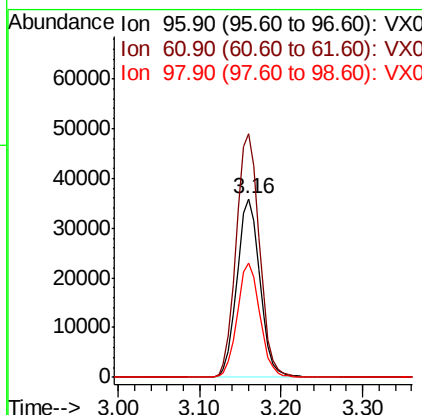
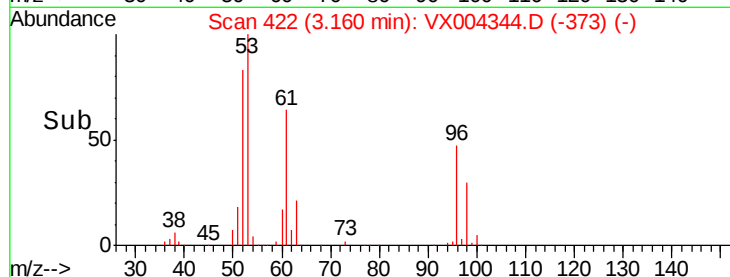
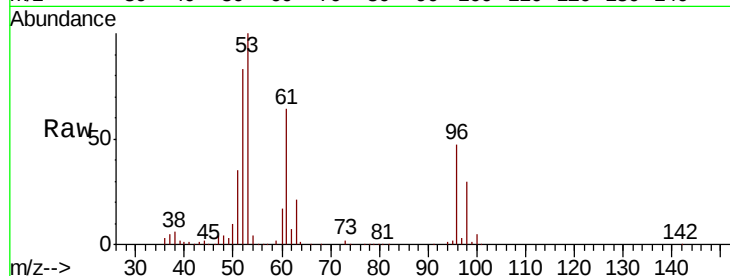
98 64.1 51.8 77.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 20.61 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Tgt Ion: 45 Resp: 233454

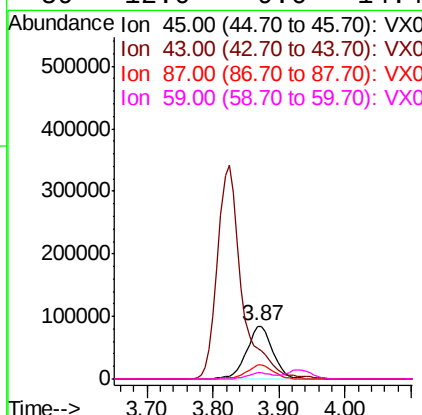
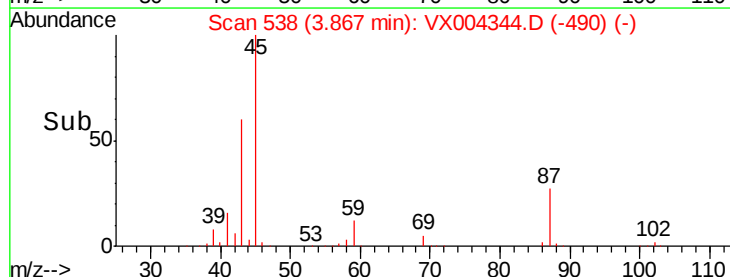
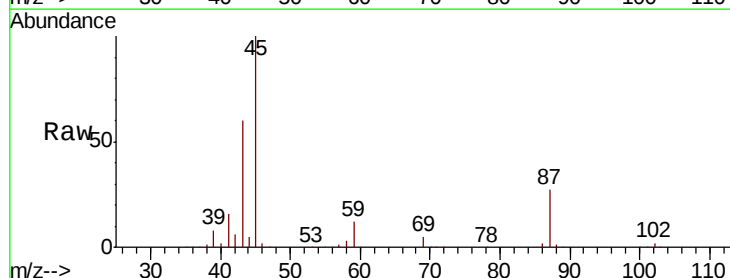
Ion Ratio Lower Upper

45 100

43 59.5 42.8 64.2

87 26.6 22.6 34.0

59 12.0 9.6 14.4





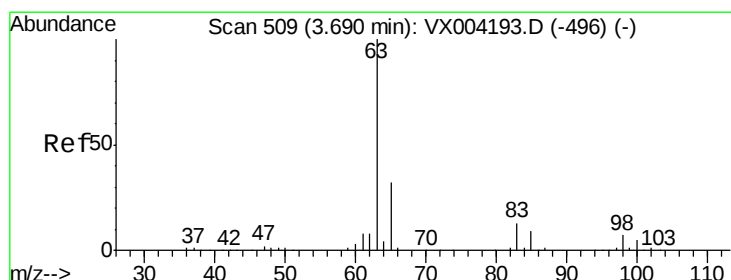
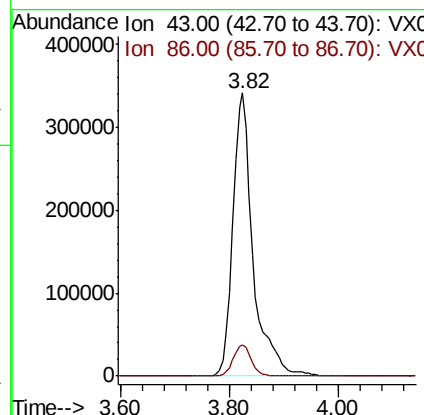
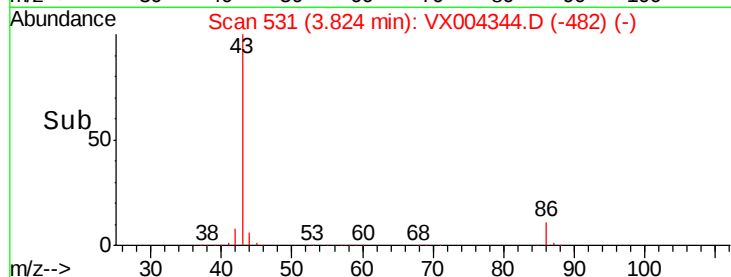
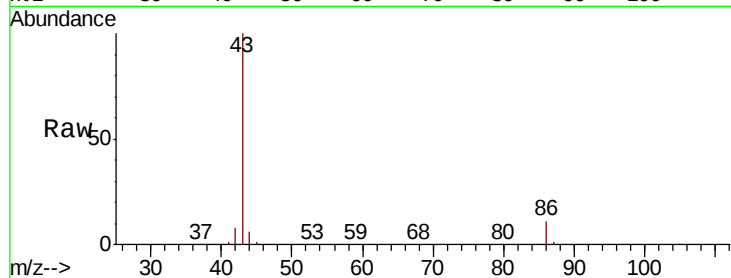
#23
 Vinyl Acetate
 Concen: 96.16 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
86	11.1	8.9	13.3

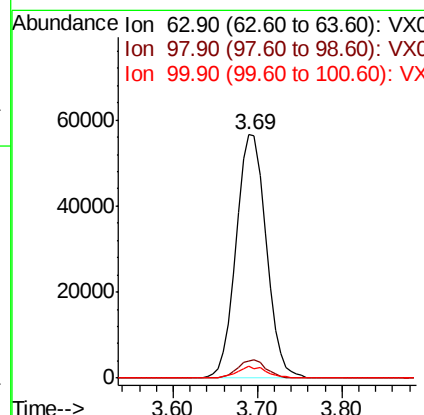
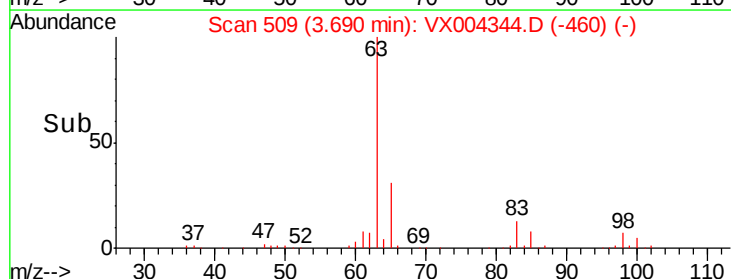
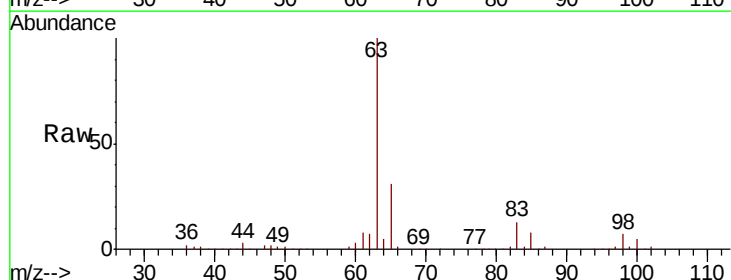
Manual Integrations
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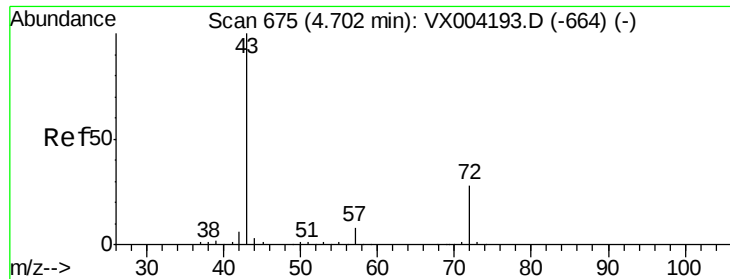
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 20.70 ug/l
 RT: 3.69 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.5	10.4
100	4.9	2.4	7.1





#25

2-Butanone

Concen: 107.55 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0904WBS02

Tot Ion: 43 Resp: 297175

Ion Ratio Lower Upper

43 100

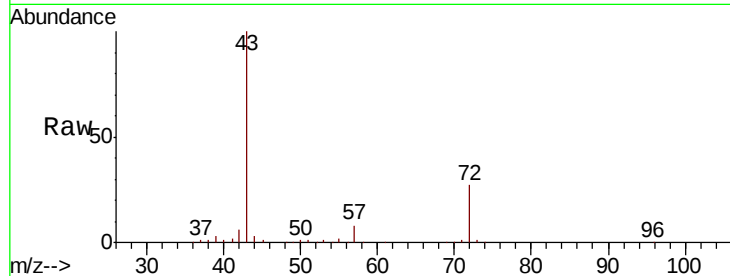
72 27.1 22.0 33.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

120000

100000

80000

60000

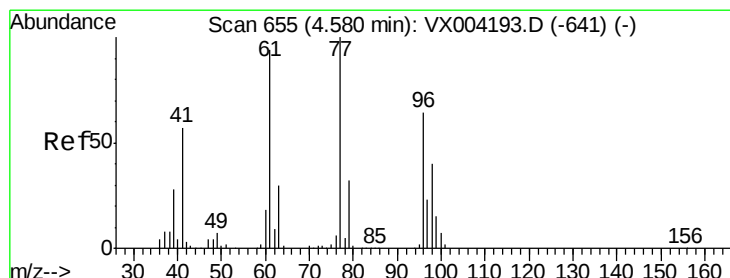
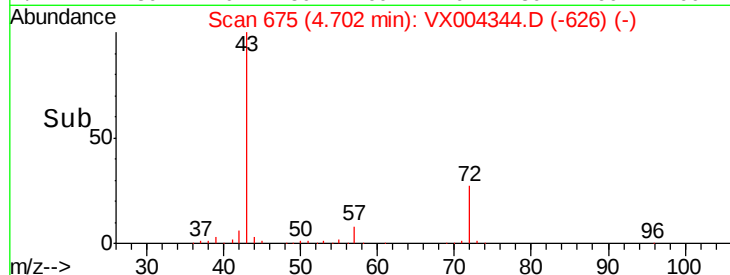
40000

20000

0

Time-->

4.60 4.70 4.80



#26

2,2-Dichloropropane

Concen: 20.27 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX004344.D

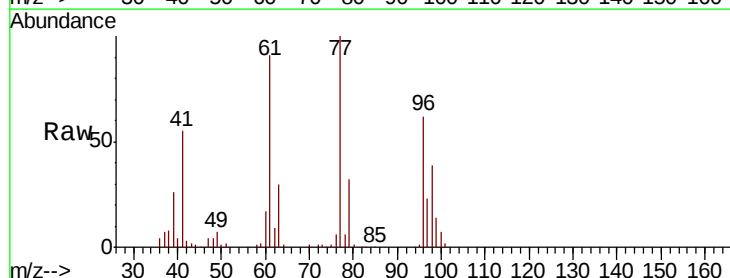
Acq: 04 Sep 2018 13:58

Tgt Ion: 77 Resp: 104953

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

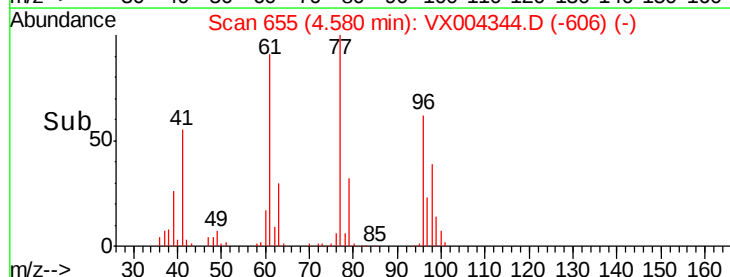
20000

10000

0

Time-->

4.50 4.60 4.70





#27

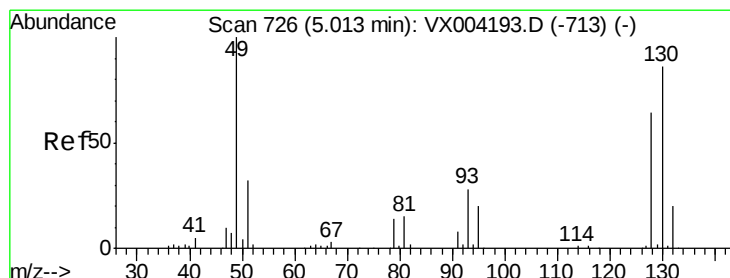
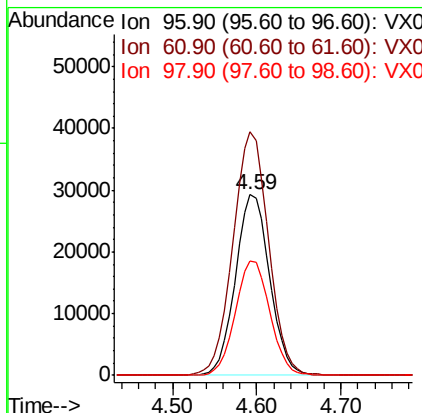
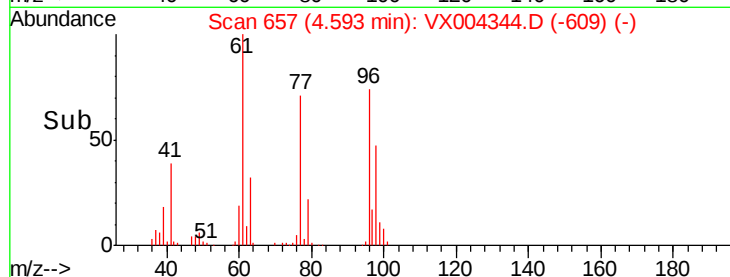
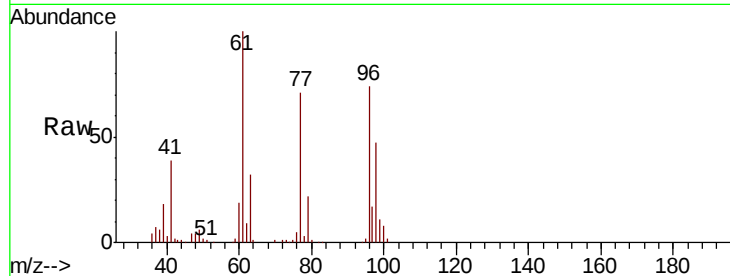
cis-1,2-Dichloroethene
 Concen: 19.38 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.6	0.0	282.6
98	63.6	0.0	130.2

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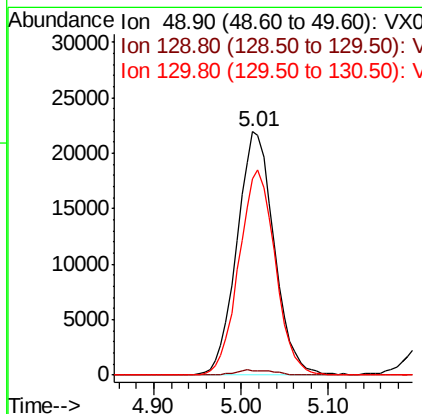
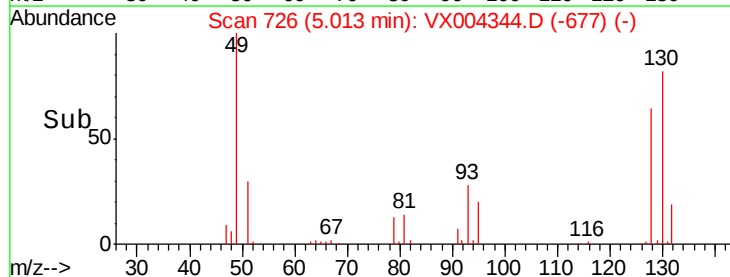
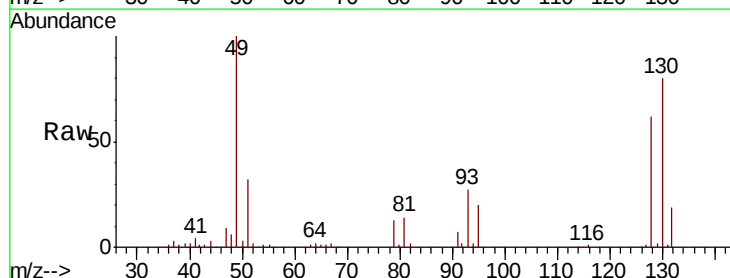
MMDadoda
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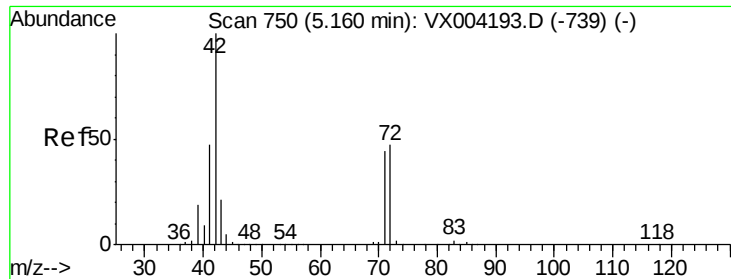


#28

Bromochloromethane
 Concen: 22.19 ug/l
 RT: 5.01 min Scan# 726
 Delta R.T. -0.00 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	82.4	67.5	101.3





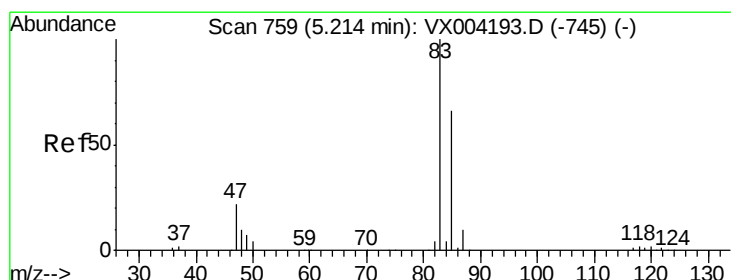
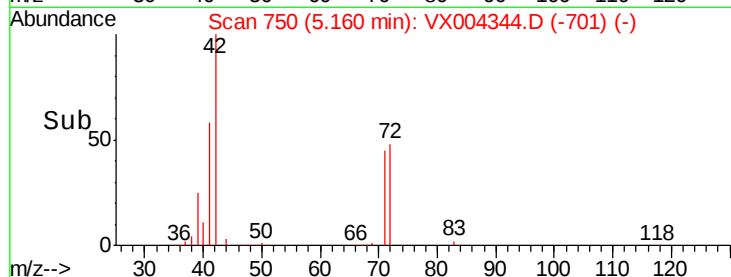
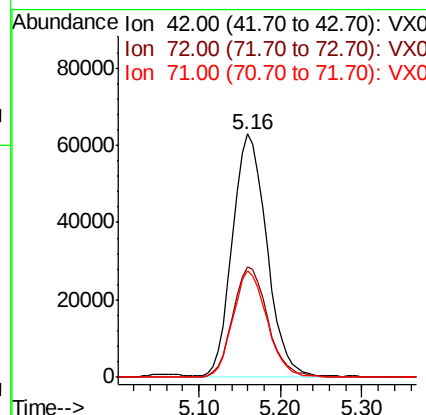
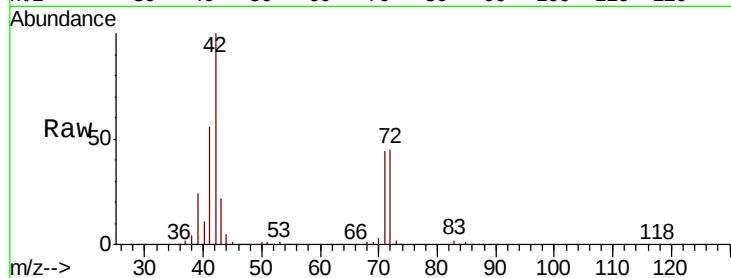
#29
Tetrahydrofuran
Concen: 105.01 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.3	37.4	56.0
71	43.6	34.5	51.7

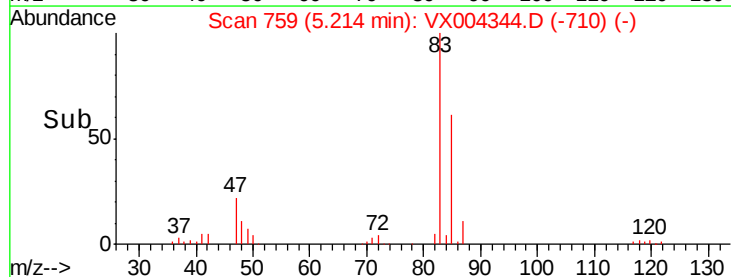
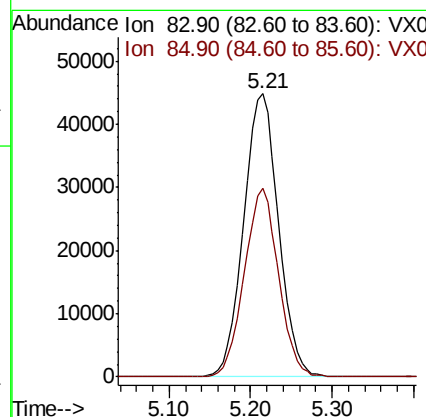
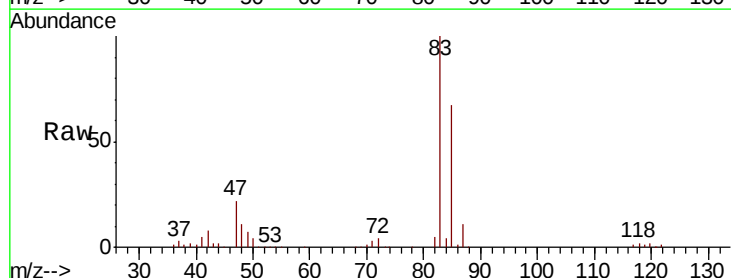
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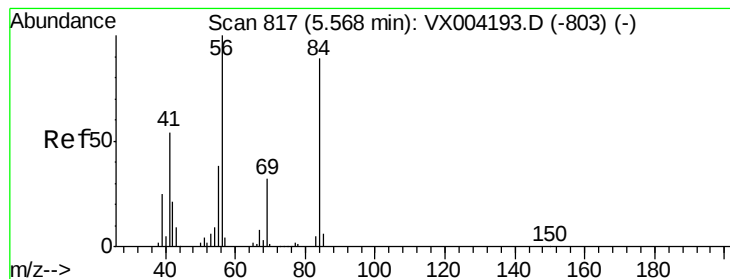
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#30
Chloroform
Concen: 20.10 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	52.6	79.0





#31

Cyclohexane

Concen: 18.67 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

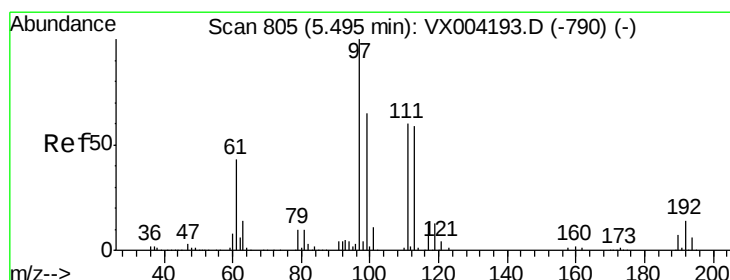
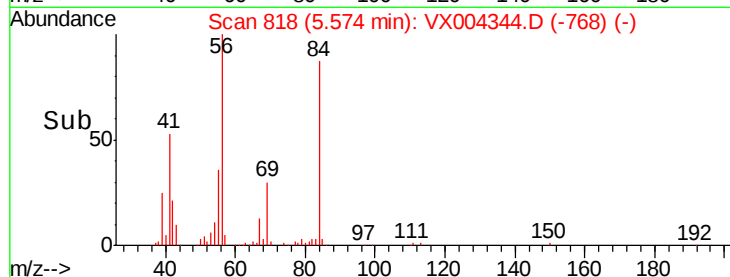
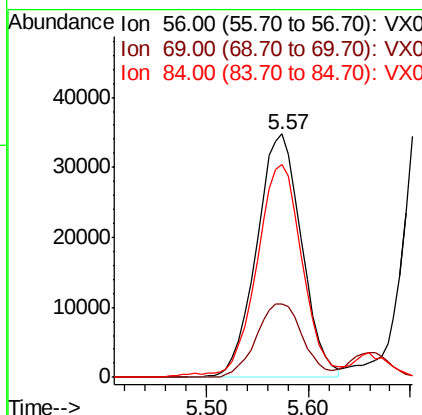
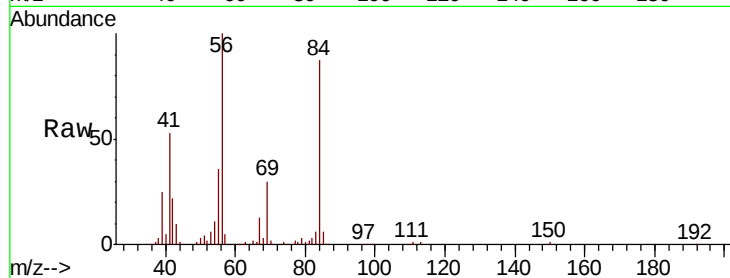
ClientSampleId :

VX0904WBS02

Tot Ion:	56	Resp:	106311
Ion Ratio	Lower	Upper	
56	100		
69	30.1	25.4	38.2
84	85.7	71.4	107.2

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#32

1,1,1-Trichloroethane

Concen: 19.88 ug/l

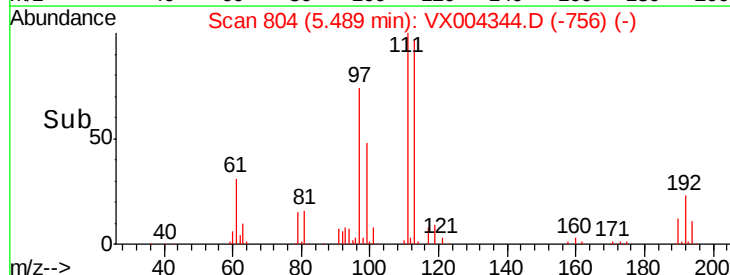
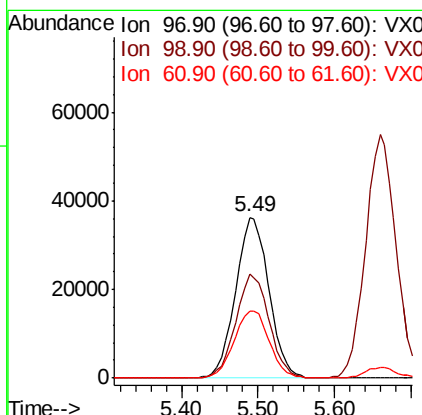
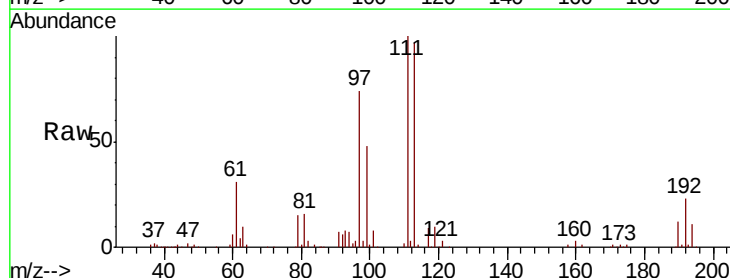
RT: 5.49 min Scan# 804

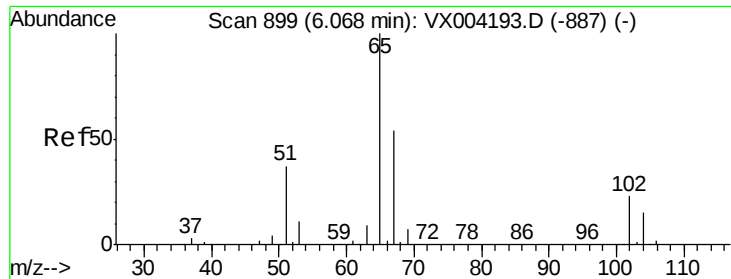
Delta R.T. -0.01 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Tgt Ion:	97	Resp:	109704
Ion Ratio	Lower	Upper	
97	100		
99	64.6	52.0	78.0
61	44.0	34.9	52.3





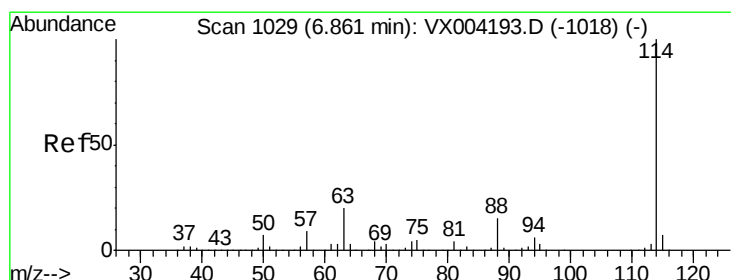
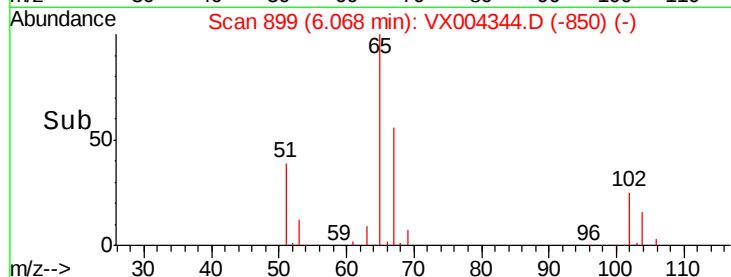
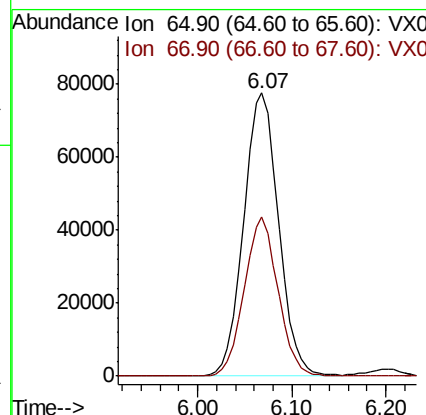
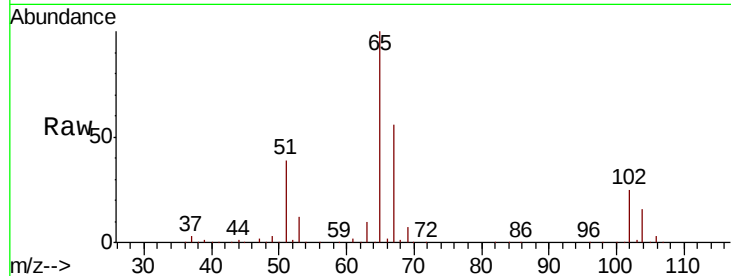
#33
 1,2-Dichloroethane-d4
 Concen: 49.27 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904WBS02

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	106.8

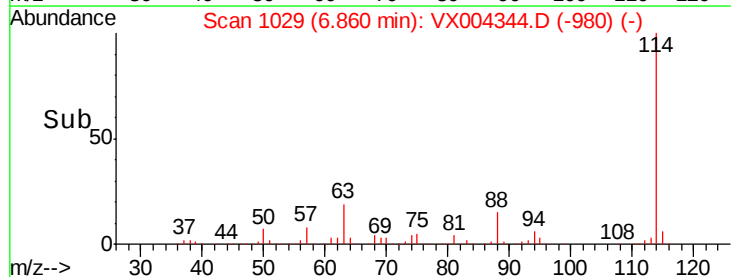
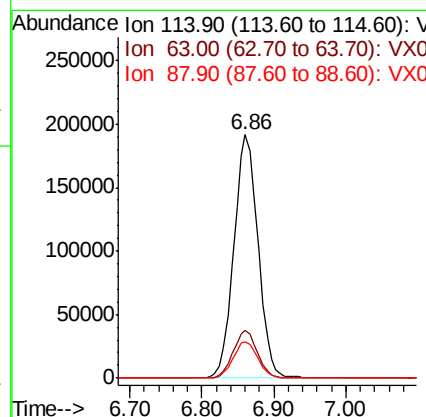
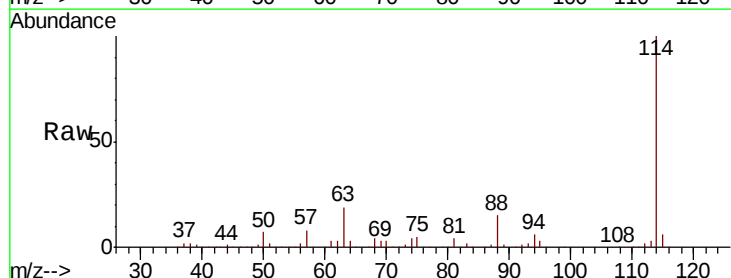
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.0
88	15.1	0.0	30.4





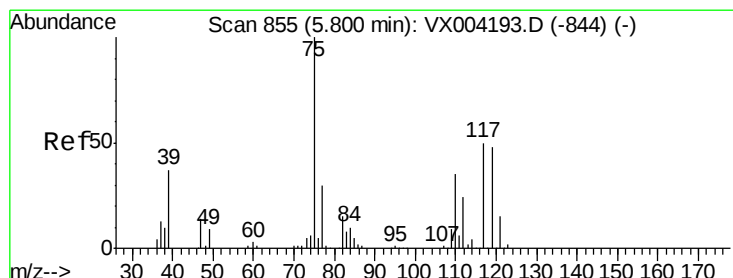
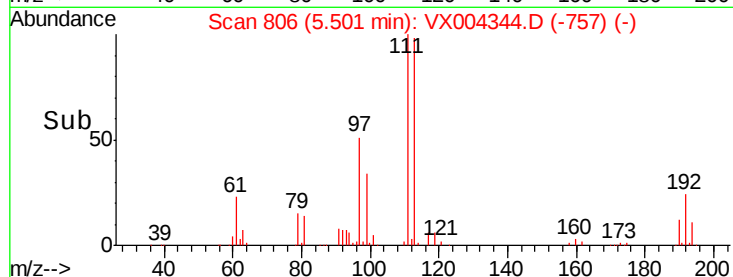
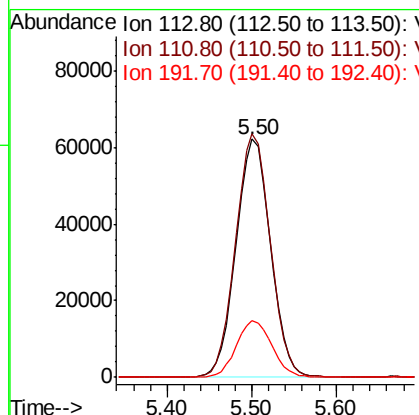
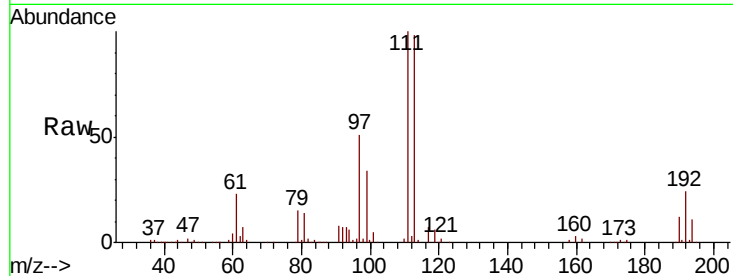
#35
 Dibromofluoromethane
 Concen: 51.96 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	172802		
111	102.7	82.4	123.6	
192	24.5	19.4	29.2	

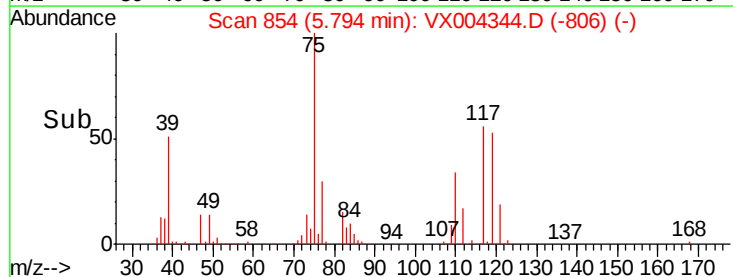
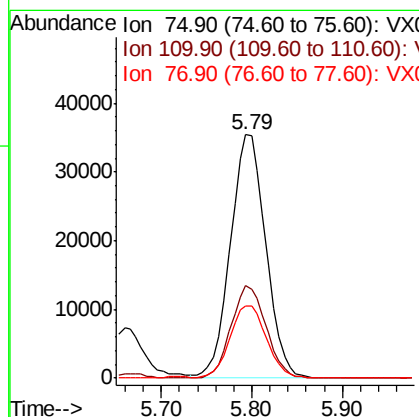
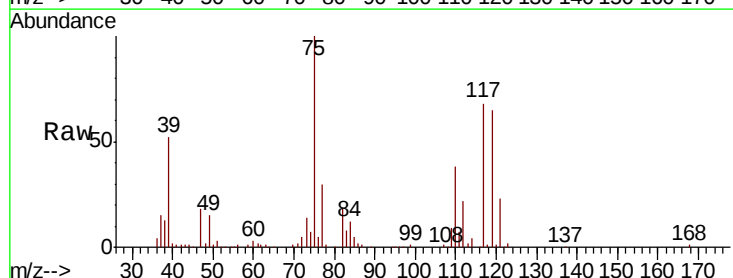
Manual Integrations
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#36
 1,1-Dichloropropene
 Concen: 18.88 ug/l
 RT: 5.79 min Scan# 854
 Delta R.T. -0.01 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	94887		
110	37.9	18.0	54.0	
77	31.1	24.6	36.8	





#37

Ethyl Acetate

Concen: 20.66 ug/l

RT: 4.86 min Scan# 701

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

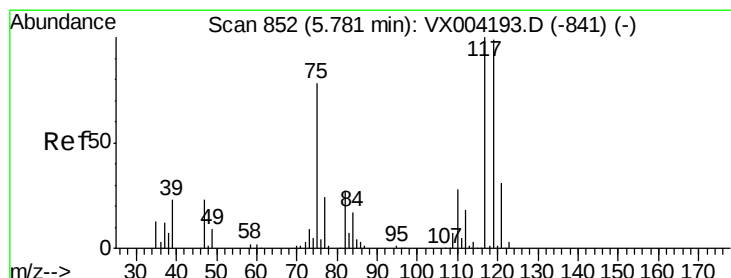
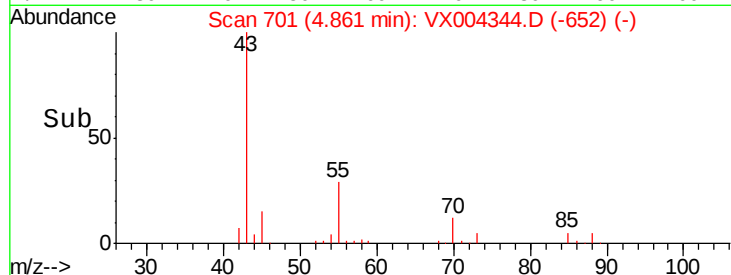
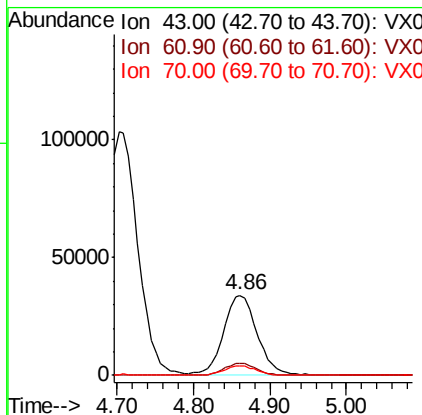
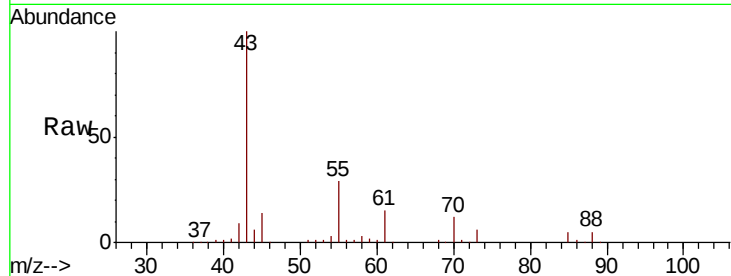
ClientSampleId :

VX0904WBS02

Tot Ion:	43	Resp:	102101
Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.5	17.3
70	11.4	9.0	13.6

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 19.75 ug/l

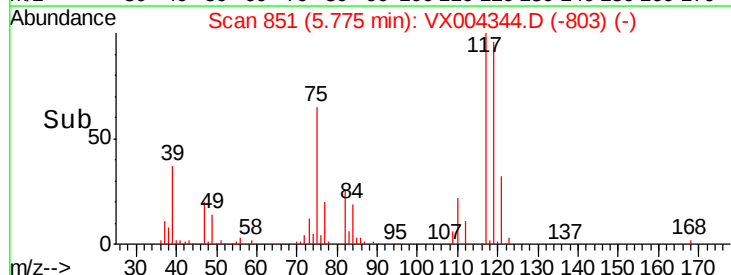
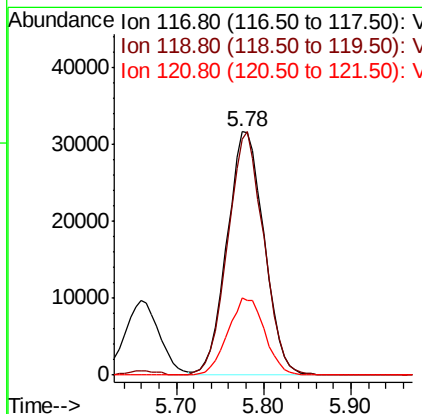
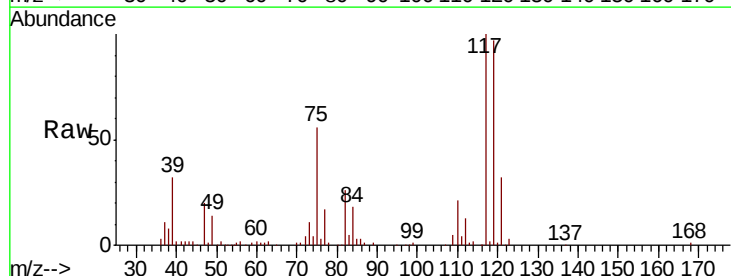
RT: 5.78 min Scan# 851

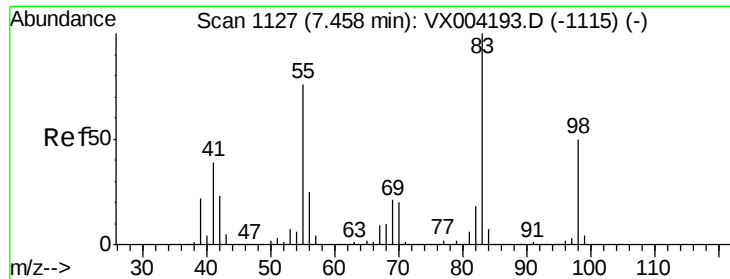
Delta R.T. -0.01 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Tgt Ion:	117	Resp:	93359
Ion	Ratio	Lower	Upper
117	100		
119	96.8	78.8	118.2
121	31.6	24.9	37.3





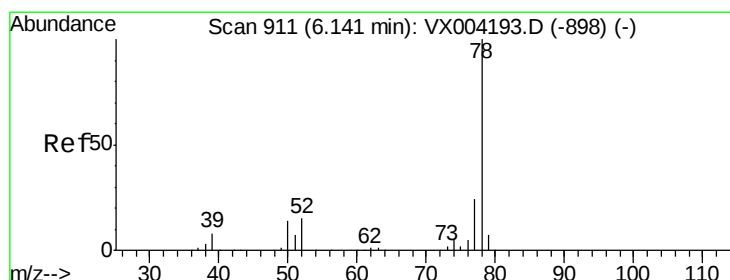
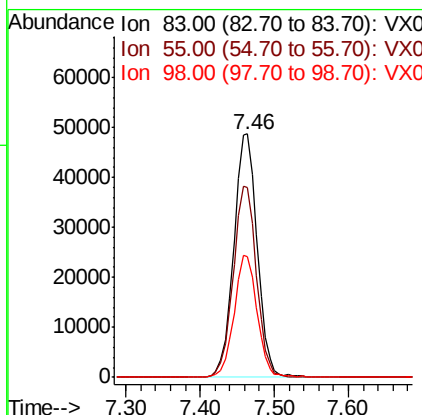
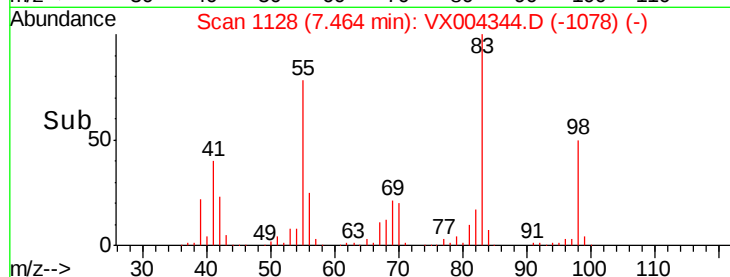
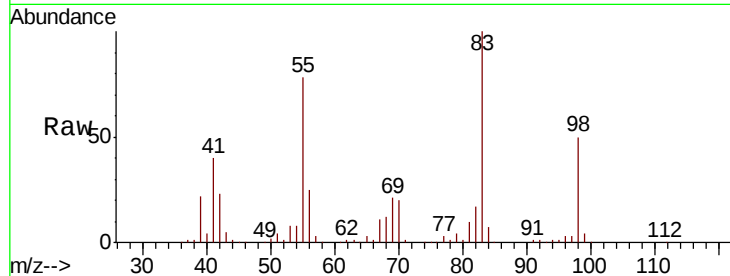
#39
Methvlcvclohexane
Concen: 18.76 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	107625		
55	78.0		61.0	91.4
98	49.8		39.6	59.4

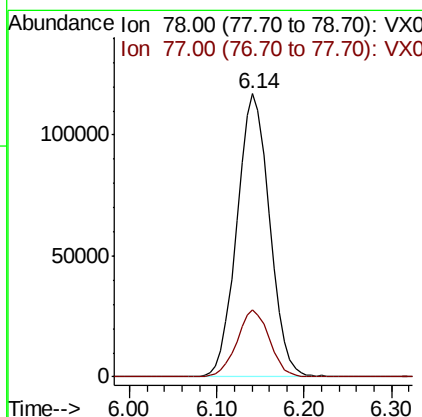
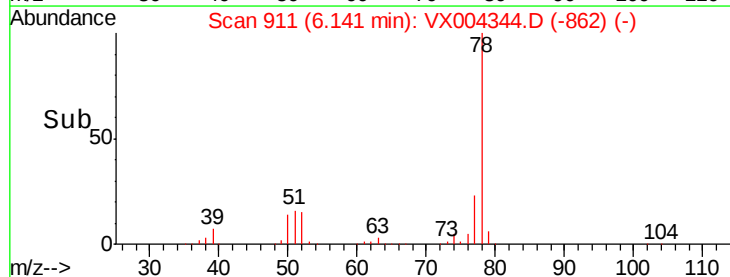
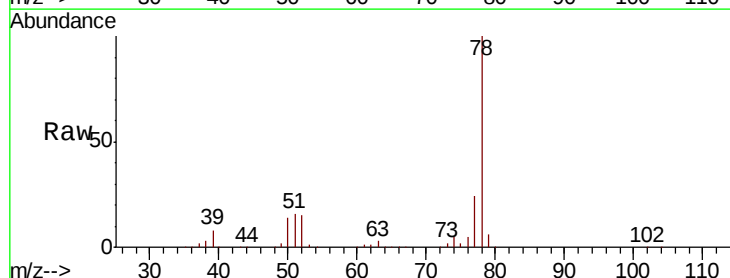
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#40
Benzene
Concen: 20.21 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	303572		
77	23.7		19.0	28.4





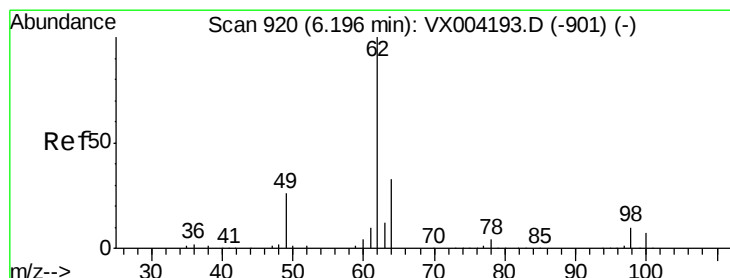
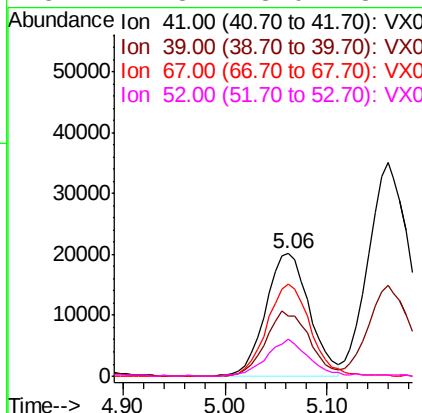
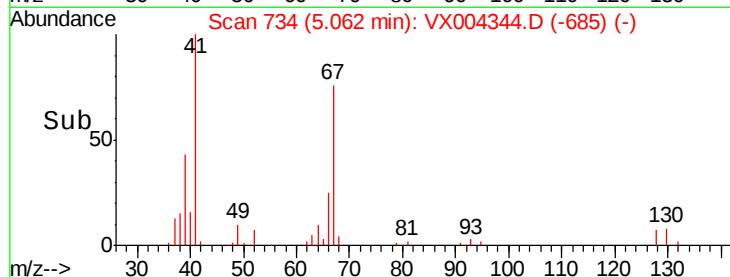
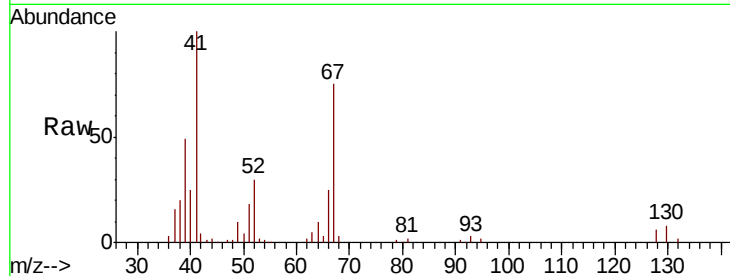
#41
Methacrylonitrile
Concen: 21.12 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.6	42.4	63.6	
67	74.1	59.2	88.8	
52	27.8	23.0	34.4	

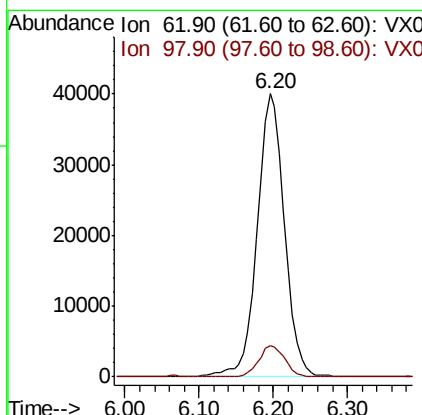
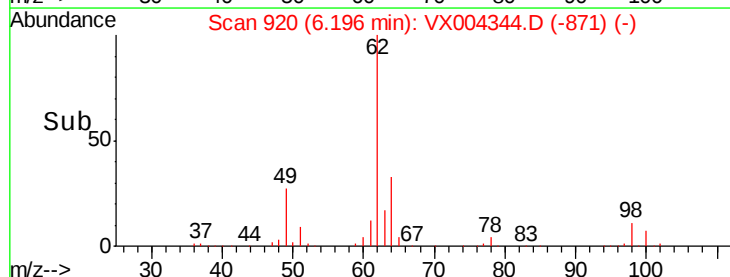
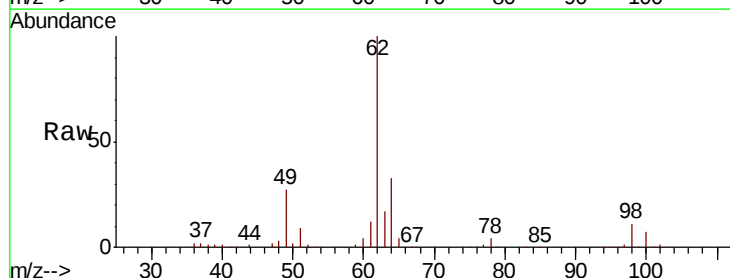
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 20.04 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.7	0.0	20.6	





#43

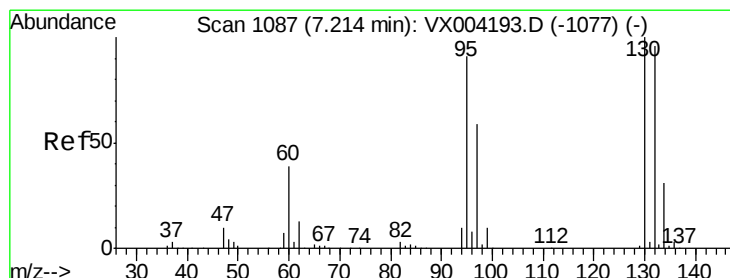
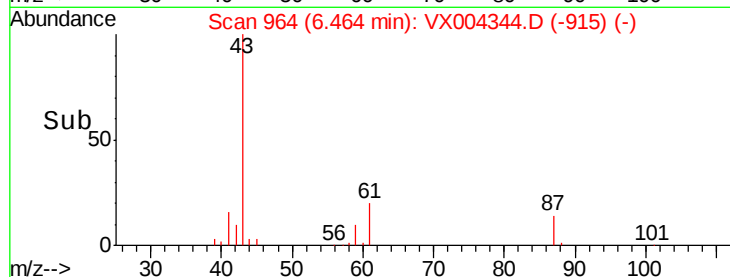
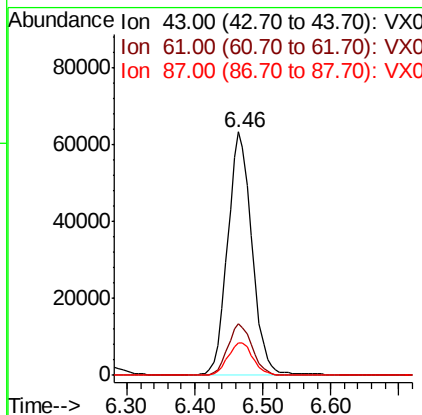
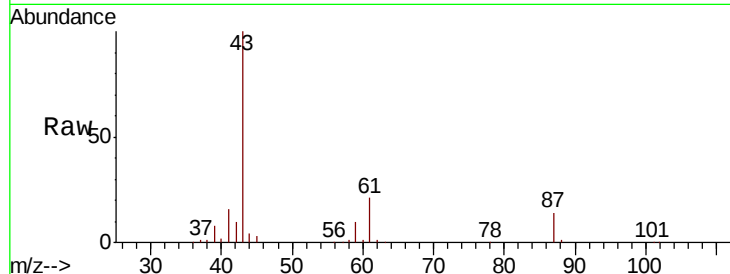
Isopropyl Acetate
 Concen: 20.54 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.00 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.4	17.0	25.4
87	13.9	11.4	17.2

Manual Integrations
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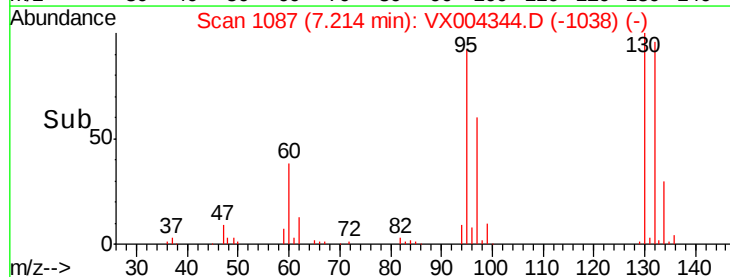
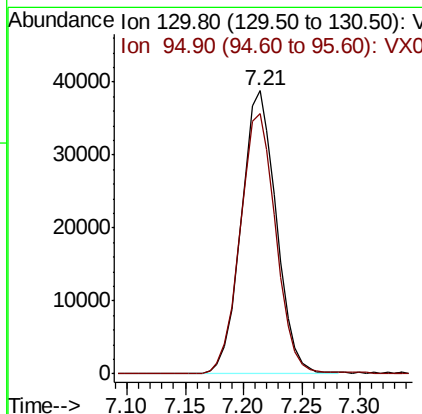
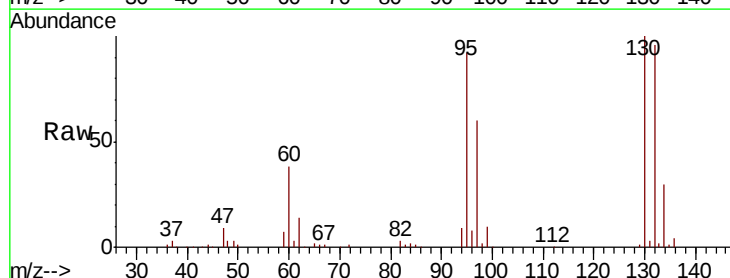
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#44

Trichloroethene
 Concen: 19.60 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	181.6





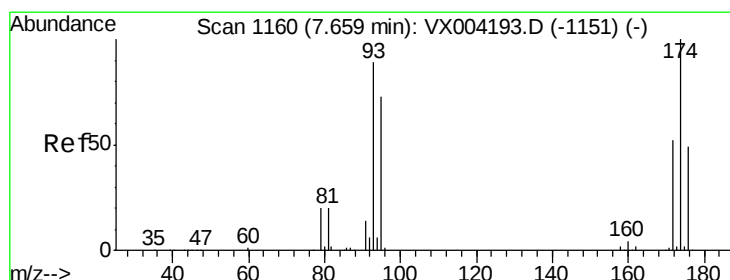
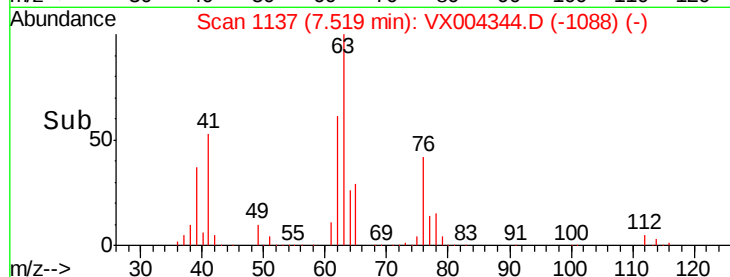
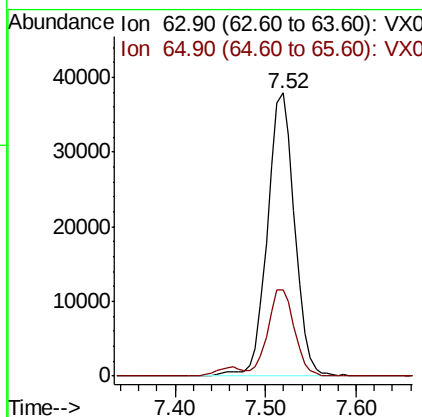
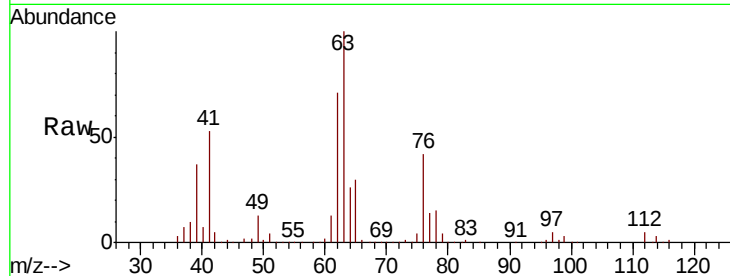
#45
 1,2-Dichloropropane
 Concen: 20.93 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904WBS02

Tot Ion: 63 Resp: 78669
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.3 36.5

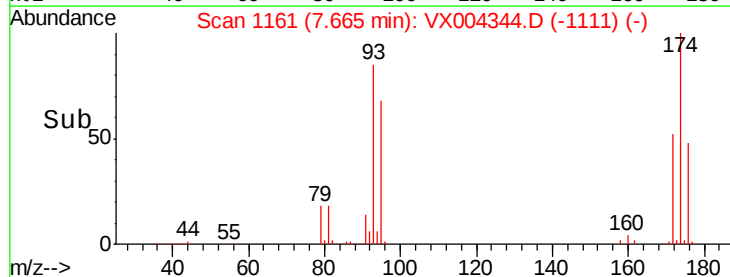
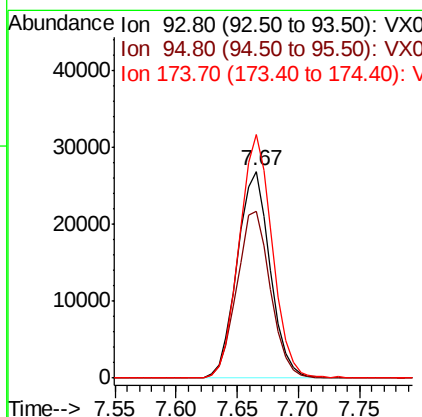
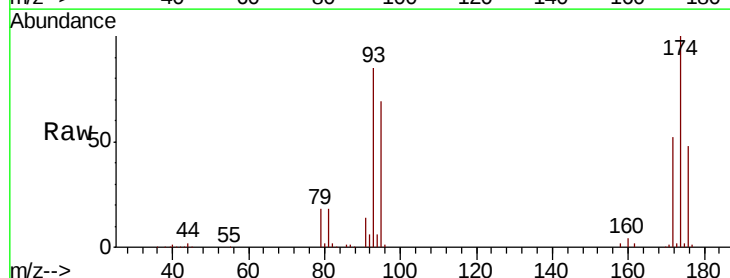
Manual Integrations
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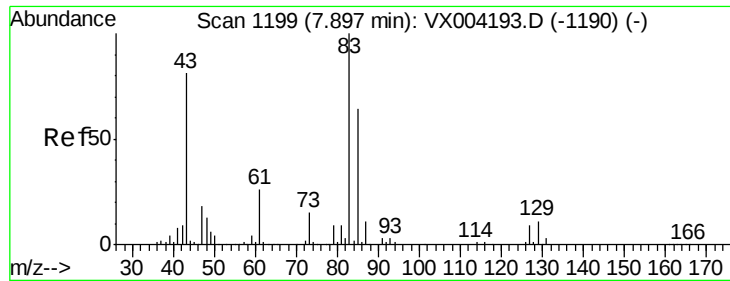
MMDadoda
 9/5/2018 4:52:23 PM



#46
 Dibromomethane
 Concen: 20.07 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

Tgt Ion: 93 Resp: 50240
 Ion Ratio Lower Upper
 93 100
 95 82.7 65.5 98.3
 174 118.6 94.2 141.4





#47

Bromodichloromethane

Concen: 20.56 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.01 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

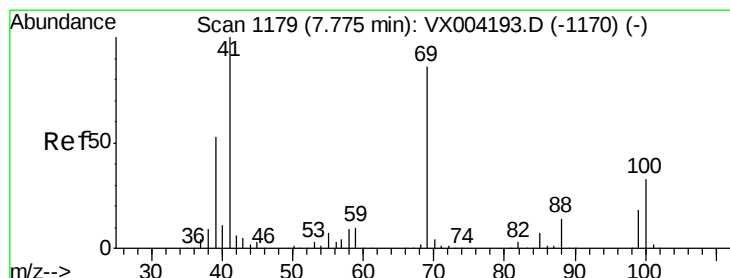
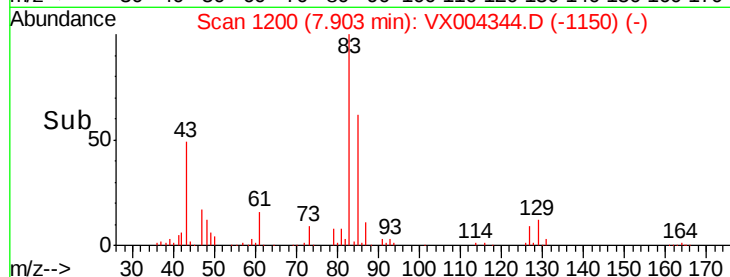
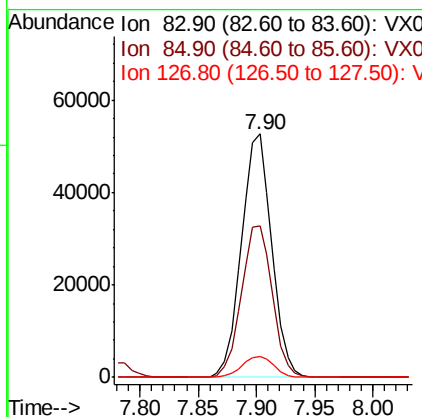
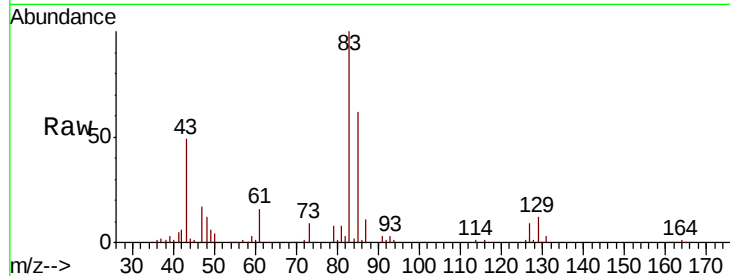
ClientSampleId :

VX0904WBS02

Tot Ion:	83	Resp:	95722
Ion Ratio	Lower	Upper	
83	100		
85	62.5	50.9	76.3
127	8.7	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.57 ug/l

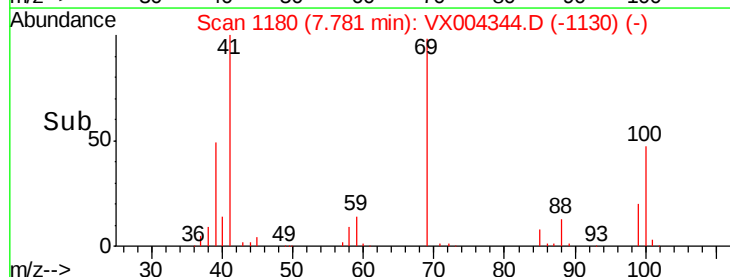
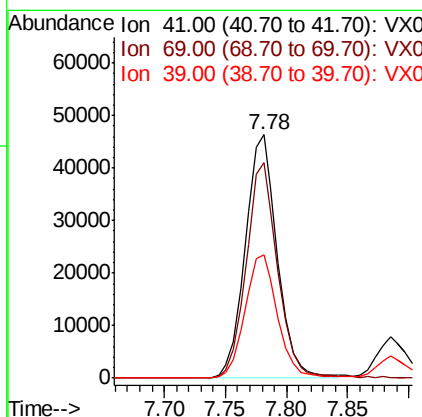
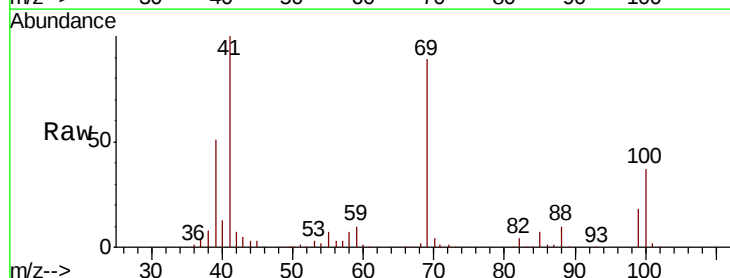
RT: 7.78 min Scan# 1180

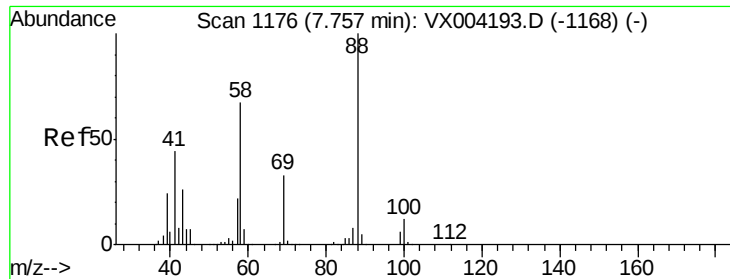
Delta R.T. 0.01 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Tgt Ion:	41	Resp:	83611
Ion Ratio	Lower	Upper	
41	100		
69	87.6	70.2	105.4
39	52.5	42.7	64.1





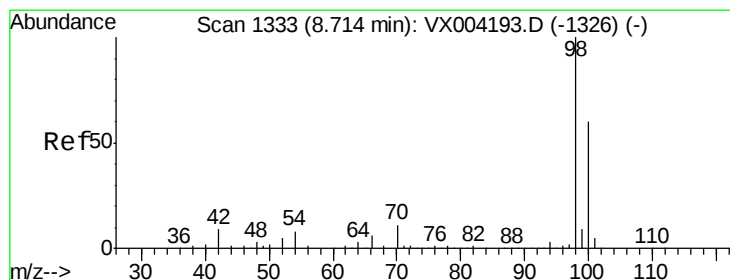
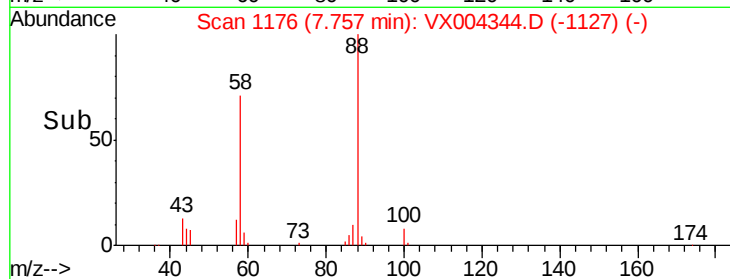
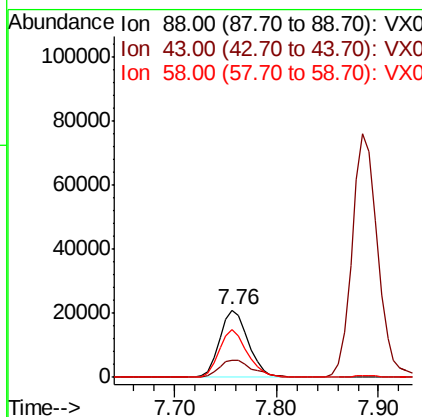
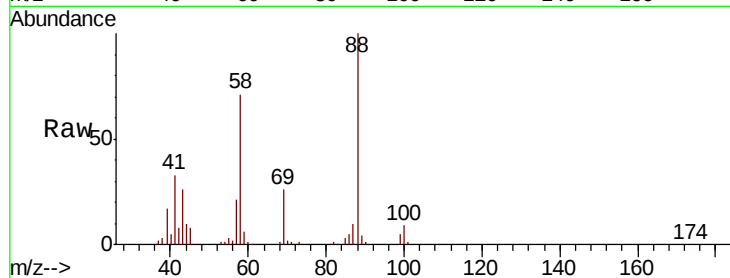
#49
1,4-Dioxane
Concen: 442.84 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.2	24.7	37.1
58	69.4	55.3	82.9

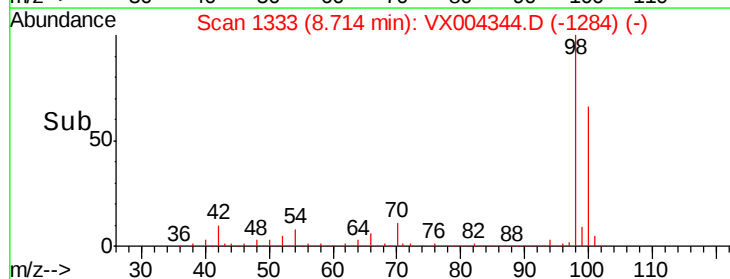
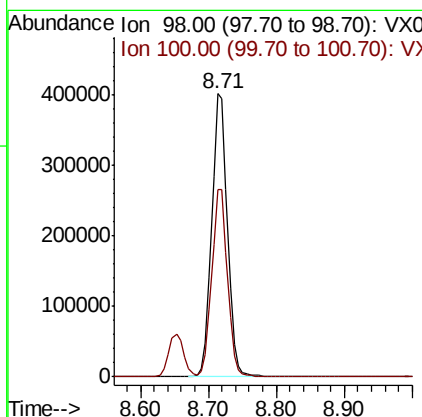
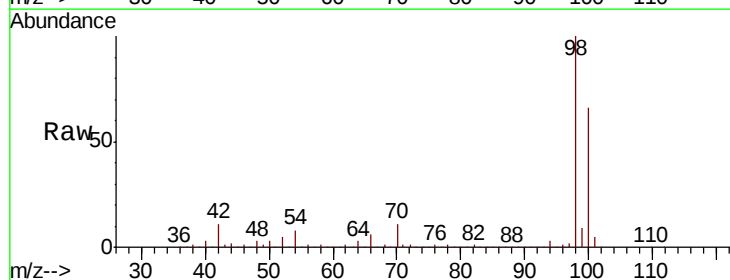
Manual Integrations
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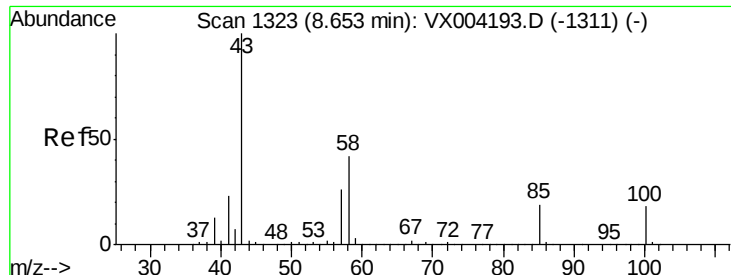
MMDadoda
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#50
Toluene-d8
Concen: 51.21 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 102.63 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0904WBS02

Tot Ion: 43 Resp: 566363

Ion Ratio Lower Upper

43 100

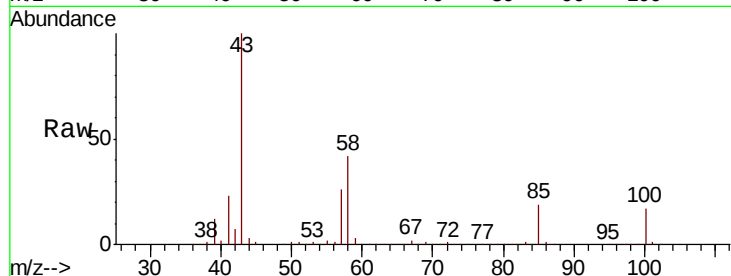
58 40.9 33.1 49.7

Manual Integrations

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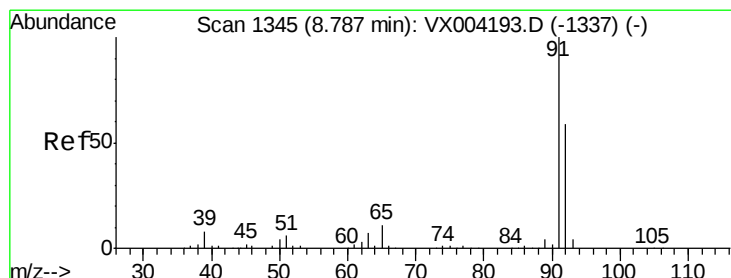
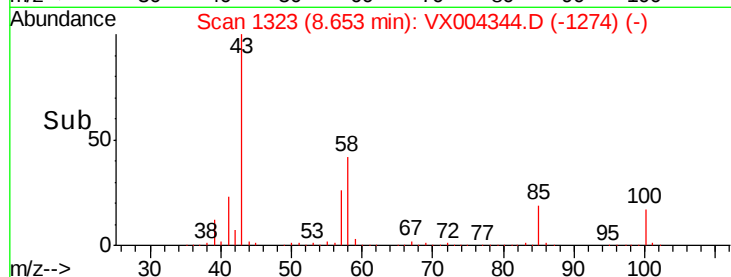
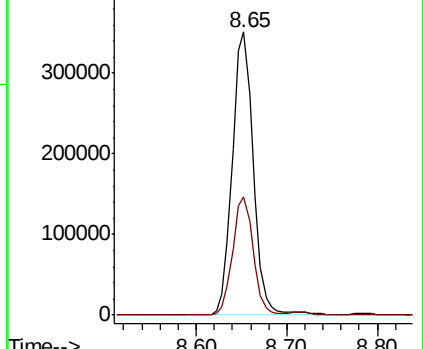
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.55 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004344.D

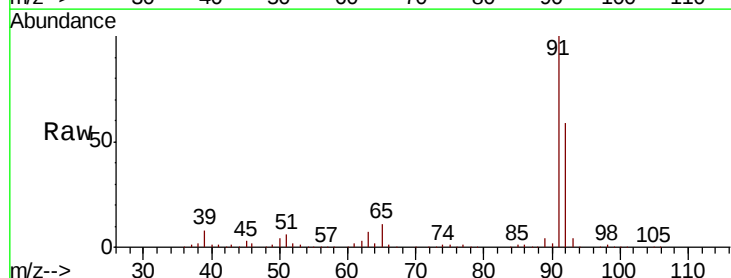
Acq: 04 Sep 2018 13:58

Tgt Ion: 92 Resp: 193156

Ion Ratio Lower Upper

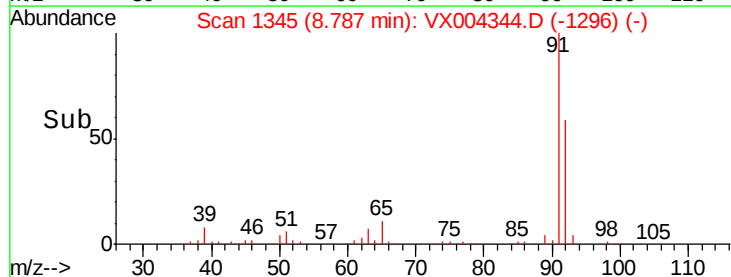
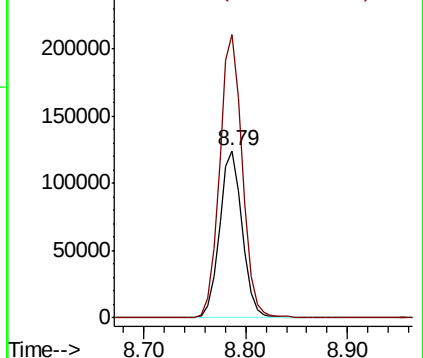
92 100

91 169.9 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 20.27 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0904WBS02

Tot Ion: 75 Resp: 104259

Ion Ratio Lower Upper

75 100

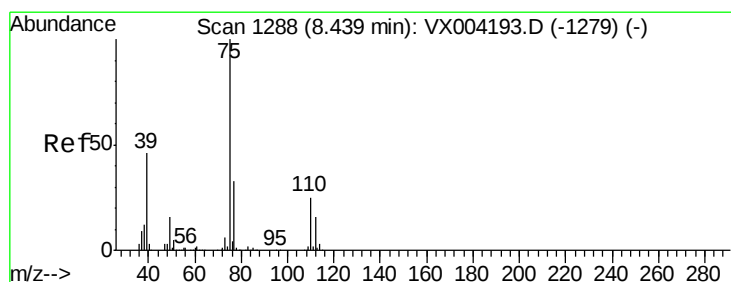
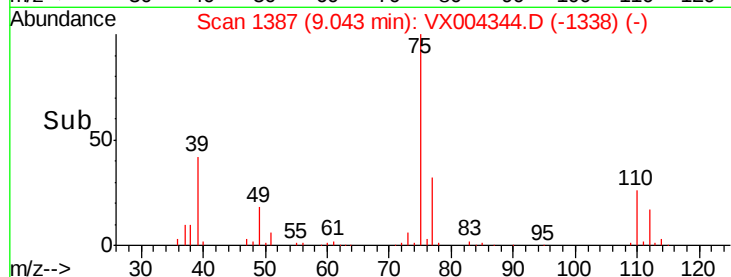
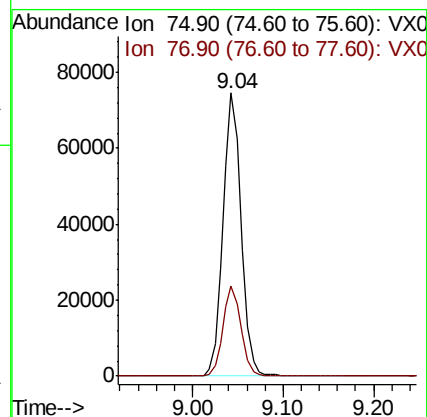
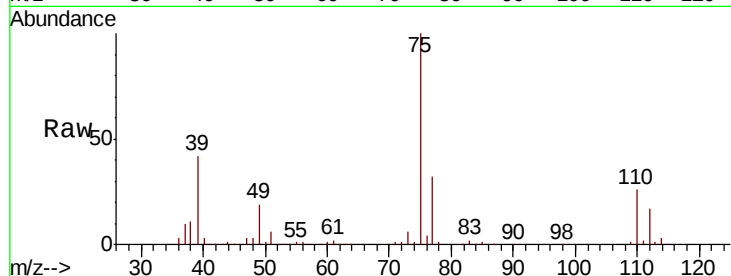
77 31.9 24.6 37.0

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 20.68 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

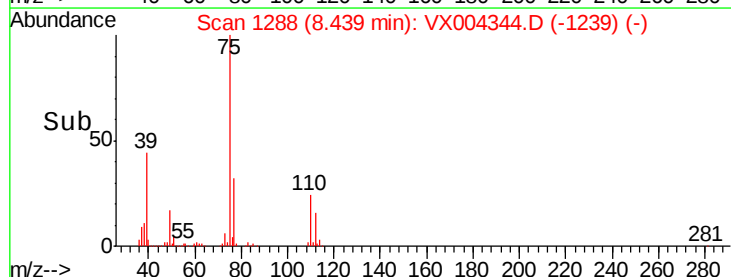
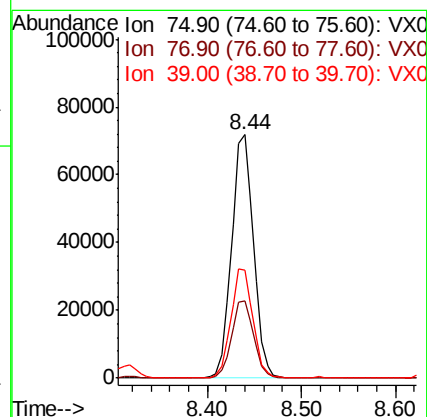
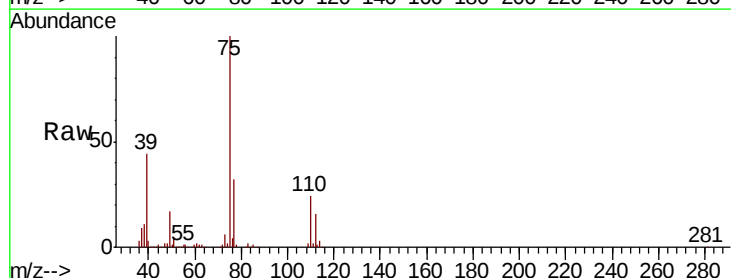
Tgt Ion: 75 Resp: 115850

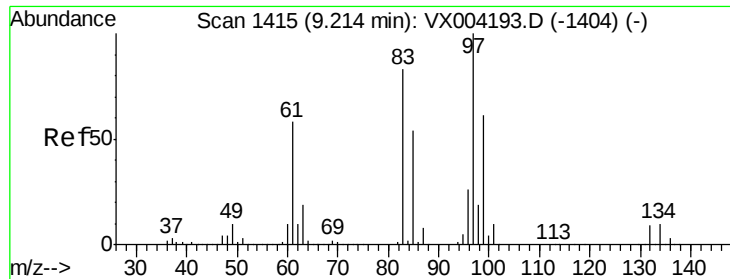
Ion Ratio Lower Upper

75 100

77 31.5 26.2 39.2

39 44.1 36.4 54.6





#55

1,1,2-Trichloroethane

Concen: 21.13 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.01 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

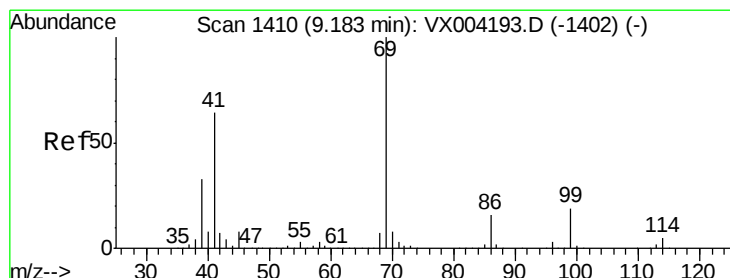
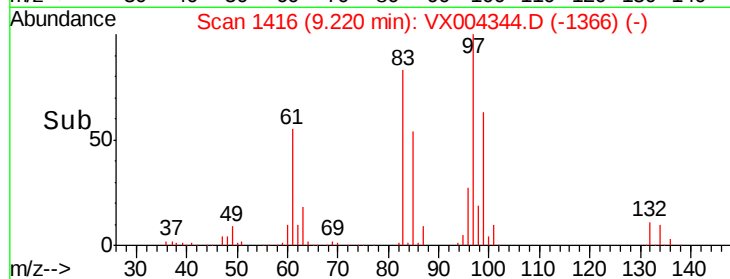
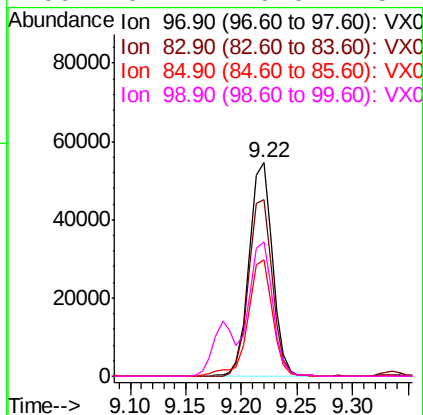
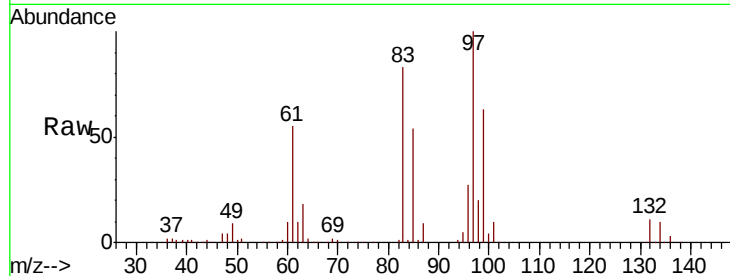
ClientSampleId :

VX0904WBS02

Tot Ion:	97	Resp:	80178
Ion	Ratio	Lower	Upper
97	100		
83	82.6	66.4	99.6
85	54.4	43.3	64.9
99	62.7	49.0	73.4

Manual Integrations
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#56

Ethyl methacrylate

Concen: 20.43 ug/l

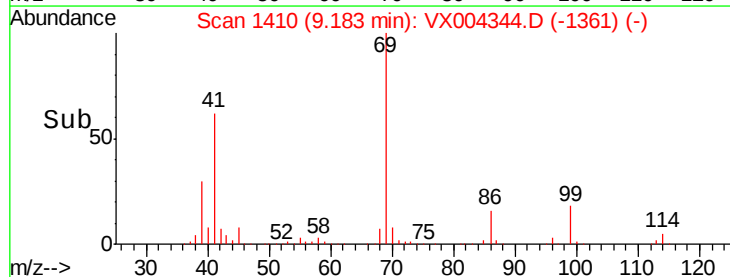
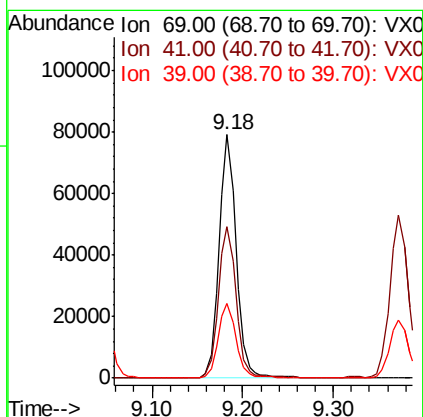
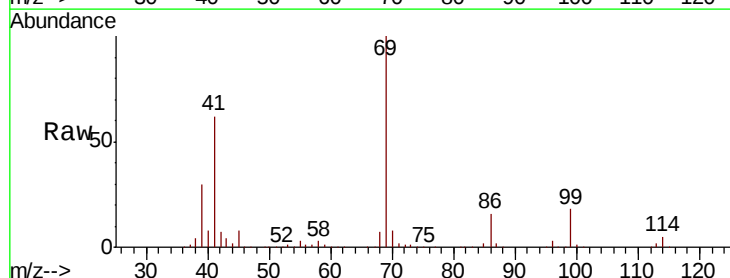
RT: 9.18 min Scan# 1410

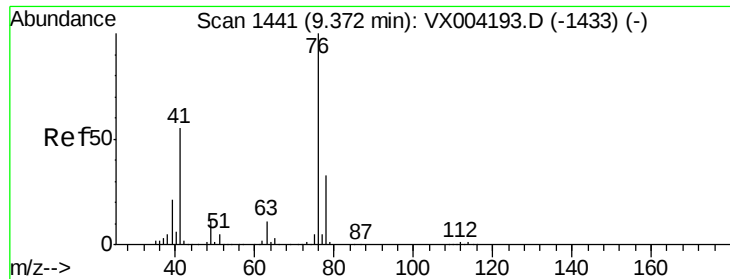
Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Tgt Ion:	69	Resp:	105550
Ion	Ratio	Lower	Upper
69	100		
41	64.1	51.0	76.4
39	31.3	26.1	39.1





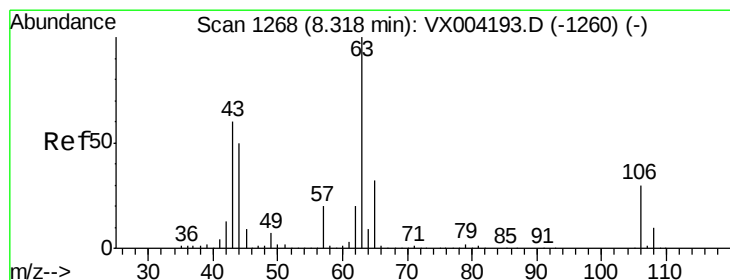
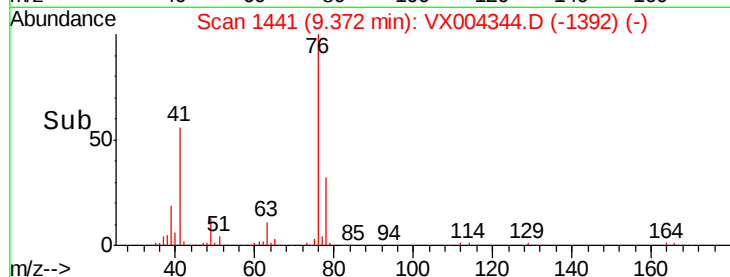
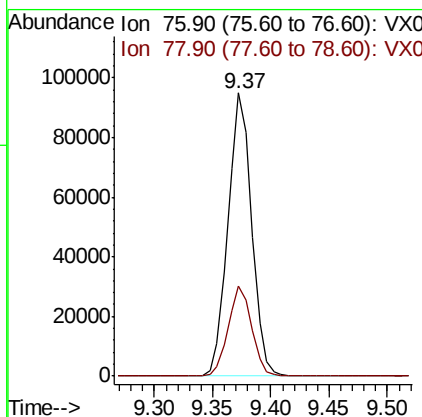
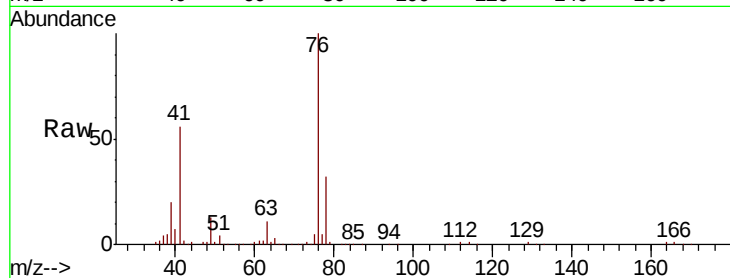
#57
 1,3-Dichloropropane
 Concen: 20.97 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

Instrument :
 MSVOA_X
 ClientSampled :
 VX0904WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.5	38.3

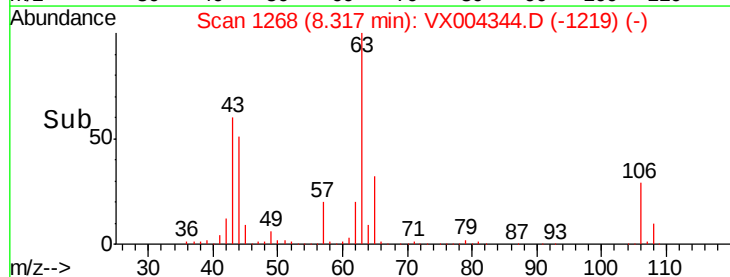
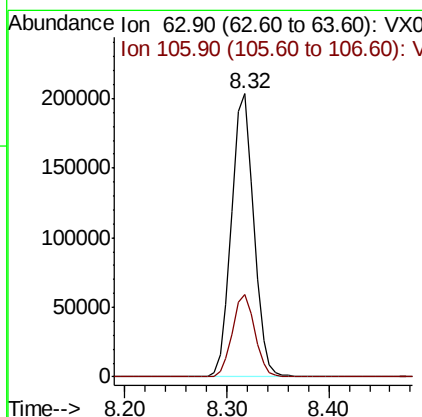
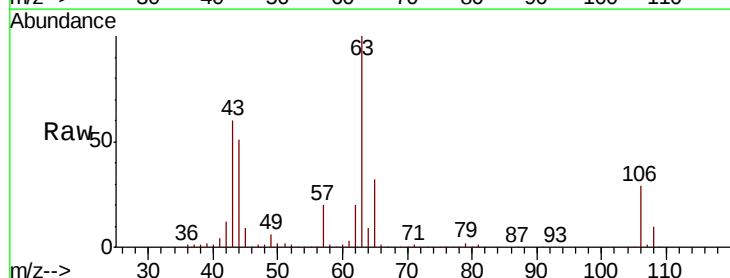
Manual Integrations
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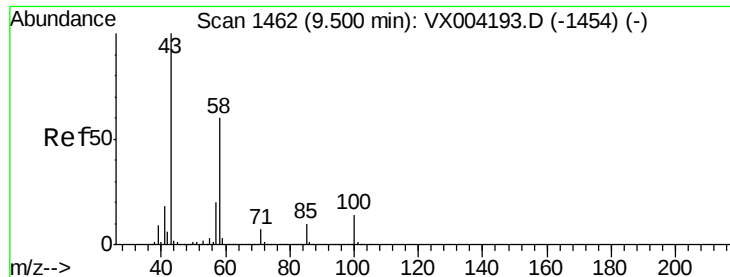
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 9/5/2018 4:52:23 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 115.56 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.3	23.9	35.9





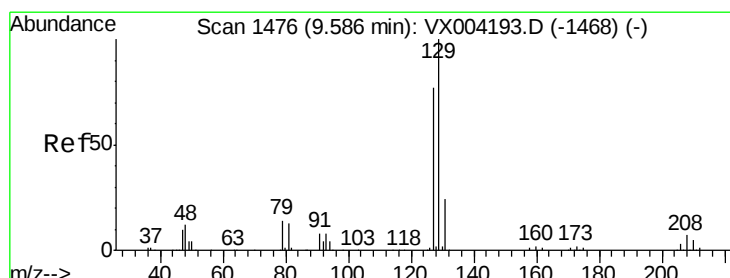
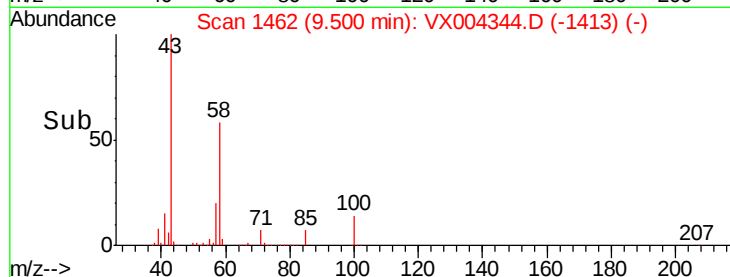
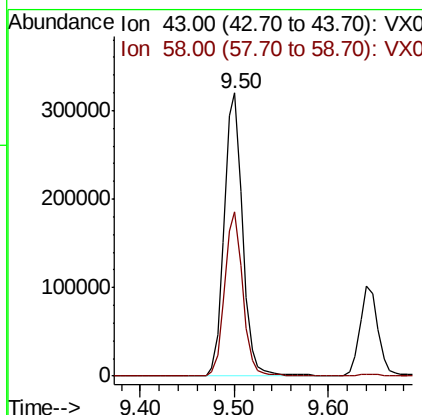
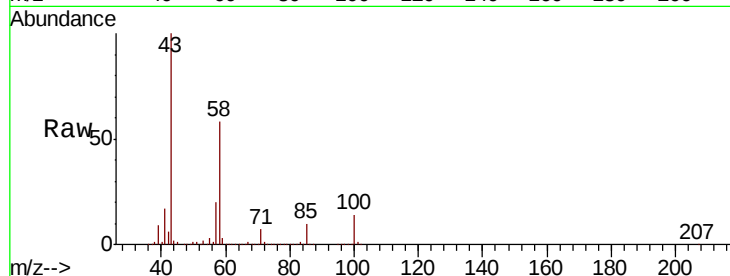
#59
2-Hexanone
Concen: 103.20 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.0	29.0	87.0

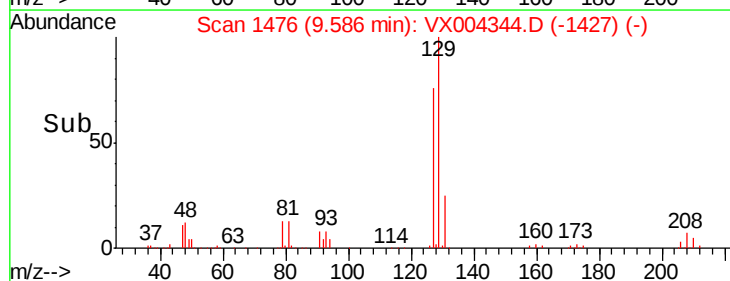
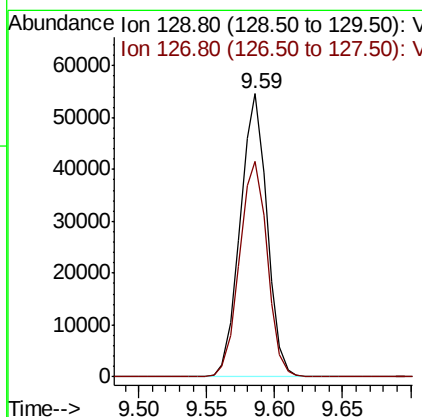
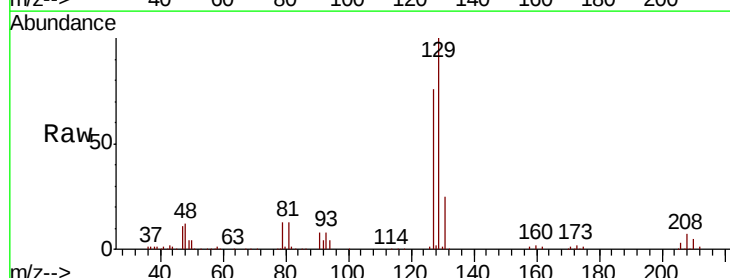
Manual Integrations
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9/5/2018 4:52:23 PM



#60
Dibromochloromethane
Concen: 20.34 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.5	38.5	115.5





#61

1,2-Dibromoethane

Concen: 20.54 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0904WBS02

Tot Ion:107 Resp: 80654

Ion Ratio Lower Upper

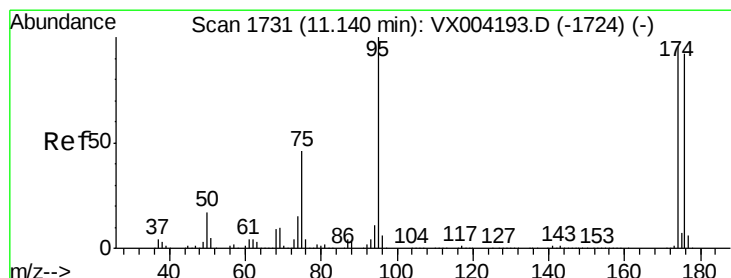
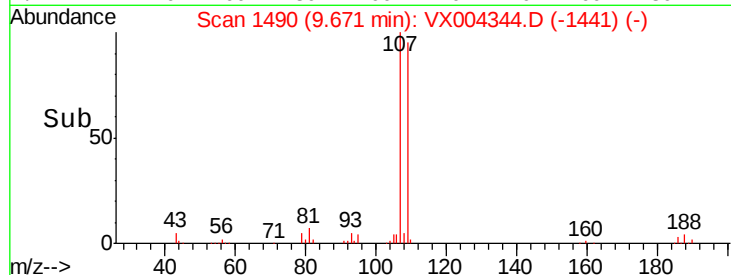
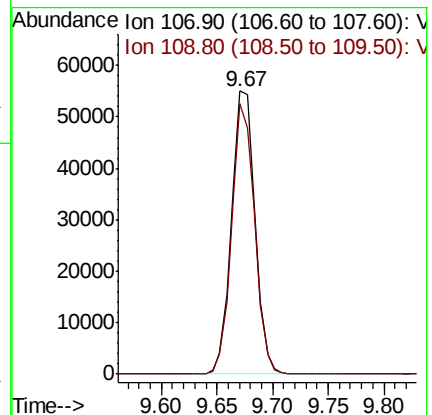
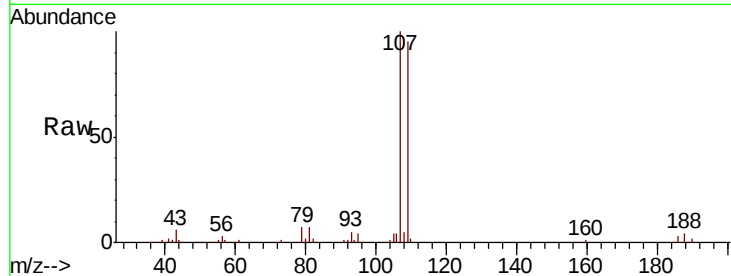
107 100

109 93.0 76.0 114.0

Manual Integrations
APPROVED

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#62

4-Bromofluorobenzene

Concen: 50.62 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

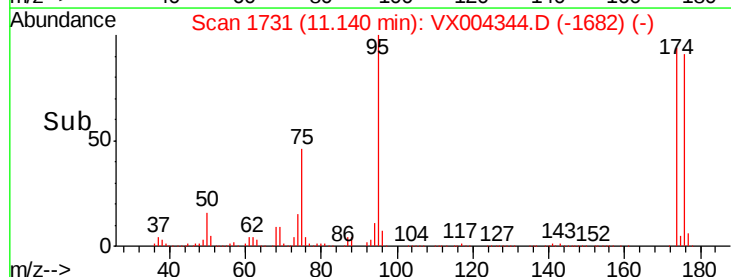
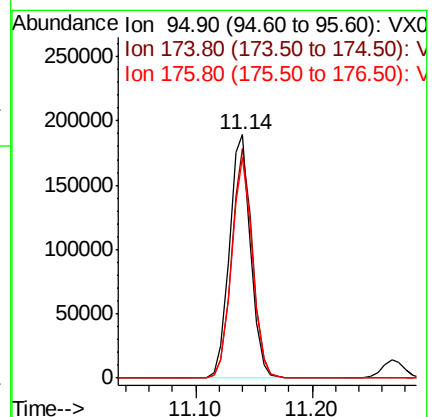
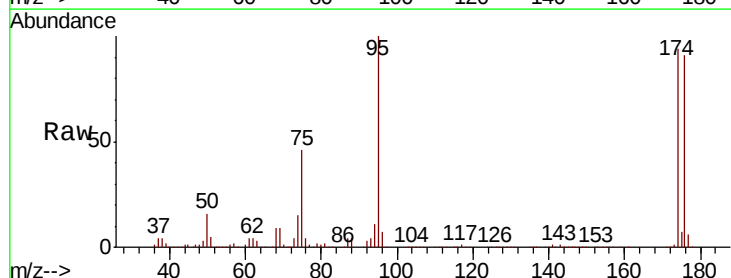
Tgt Ion: 95 Resp: 237129

Ion Ratio Lower Upper

95 100

174 93.0 0.0 185.2

176 89.2 0.0 178.6





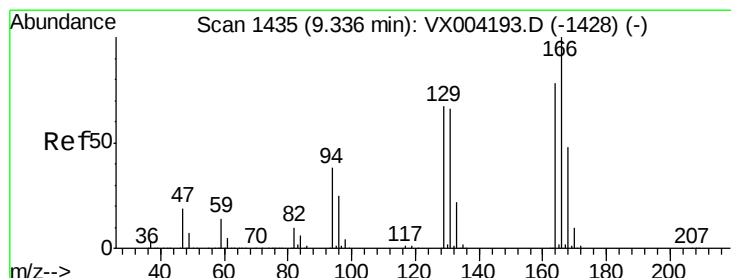
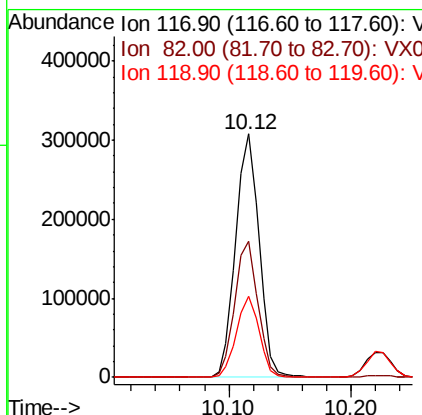
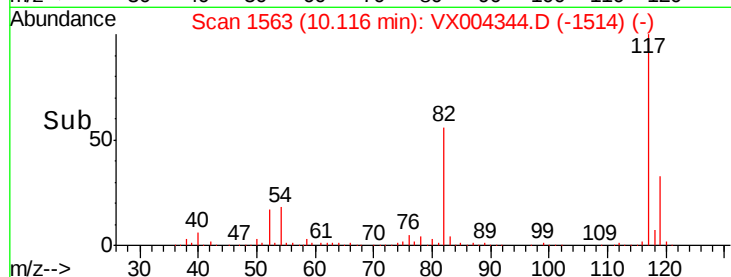
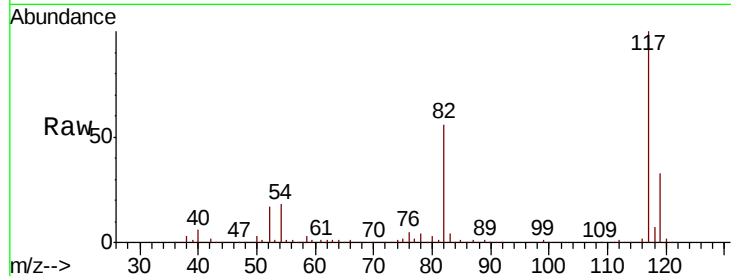
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	47.8	71.6
119	33.2	29.3	43.9

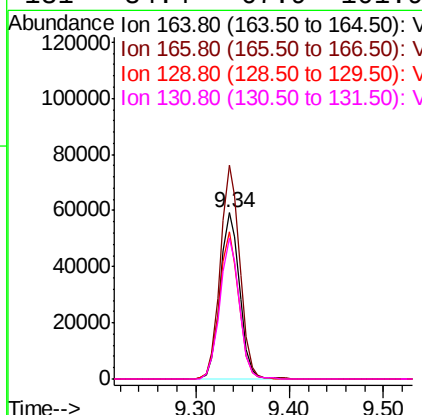
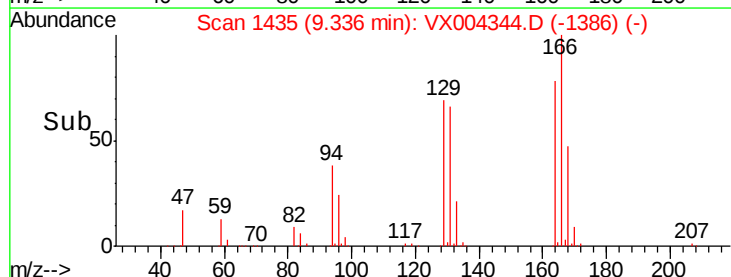
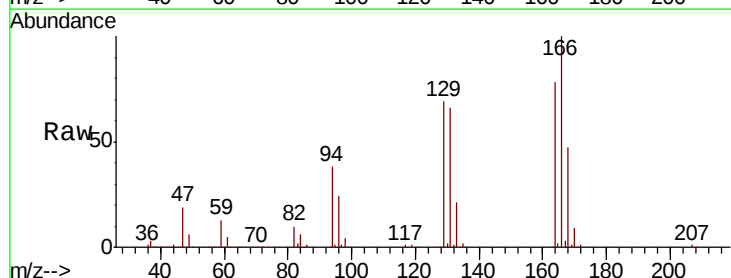
Manual Integrations
APPROVED

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#64
Tetrachloroethene
Concen: 21.07 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.5	102.8	154.2
129	88.6	69.4	104.0
131	84.4	67.9	101.9





#65

Chlorobenzene

Concen: 20.36 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0904WBS02

Tot Ion:112 Resp: 209200

Ion Ratio Lower Upper

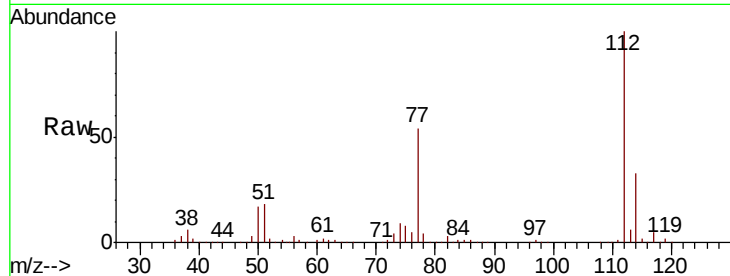
112 100

114 33.5 27.8 41.8

Manual Integrations
APPROVED

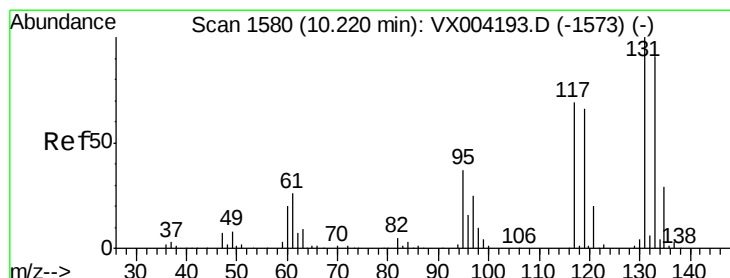
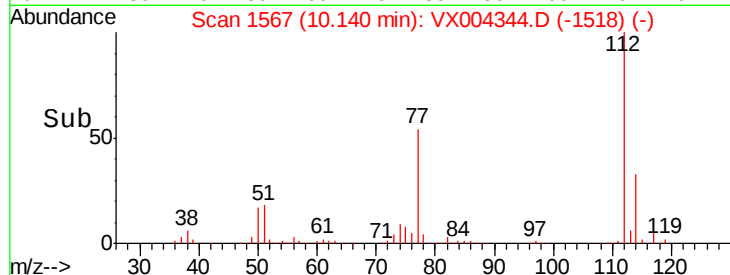
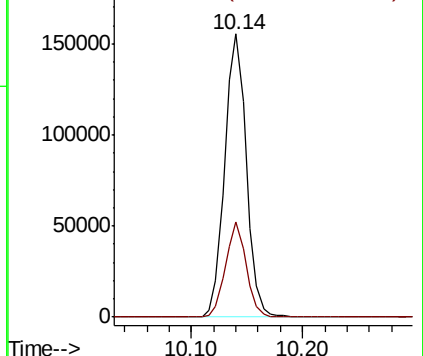
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.74 ug/l

RT: 10.22 min Scan# 1580

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

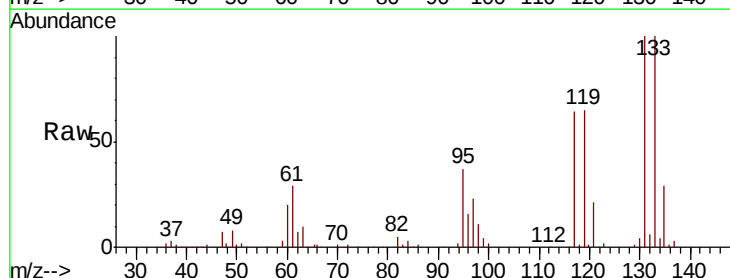
Tgt Ion:131 Resp: 69957

Ion Ratio Lower Upper

131 100

133 98.8 48.1 144.4

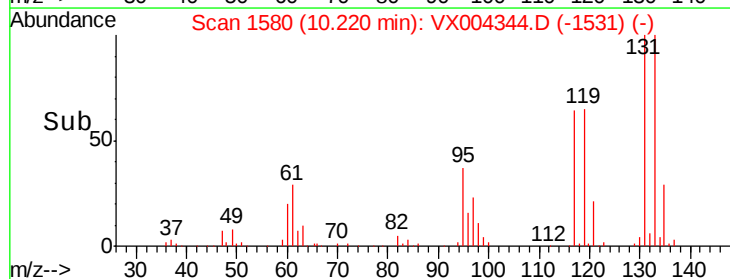
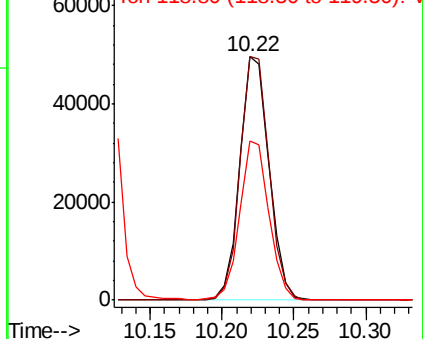
119 65.2 32.9 98.6

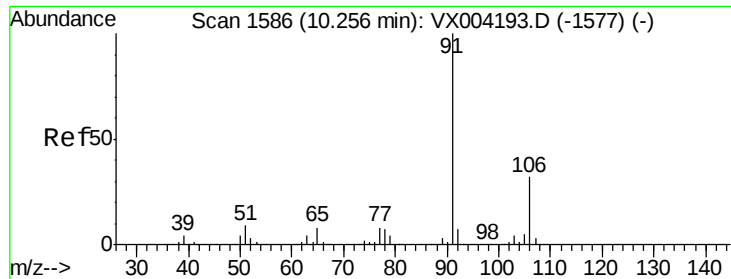


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





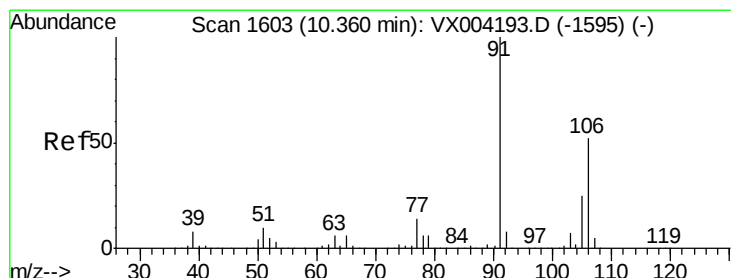
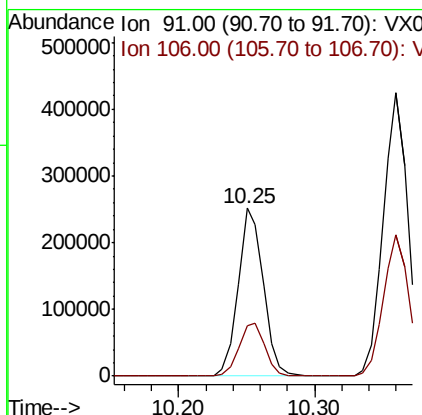
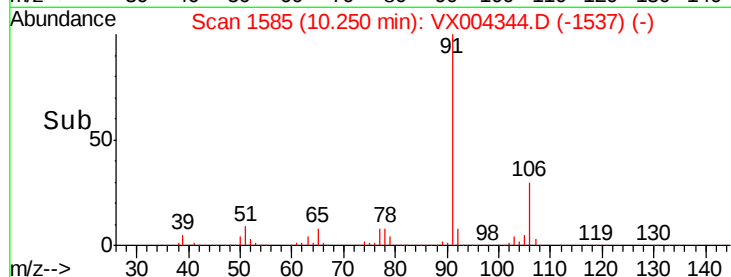
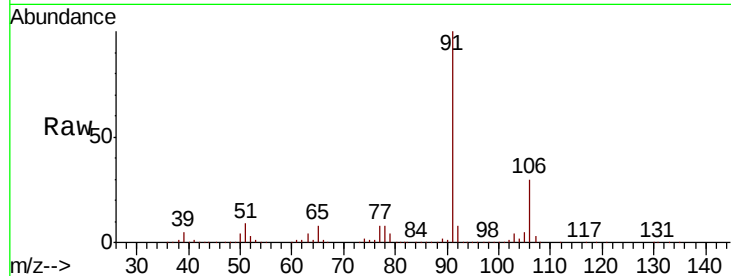
#67
Ethyl Benzene
Concen: 19.36 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS02

Tot Ion: 91 Resp: 323043
Ion Ratio Lower Upper
91 100
106 29.7 25.9 38.9

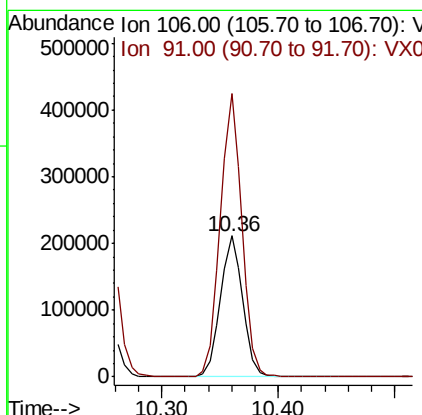
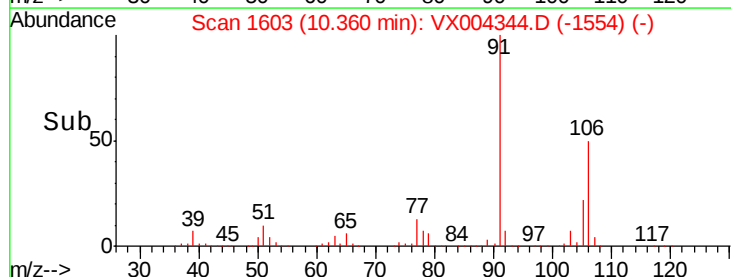
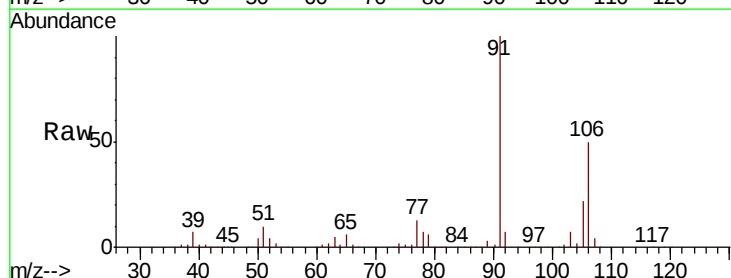
Manual Integrations
APPROVED

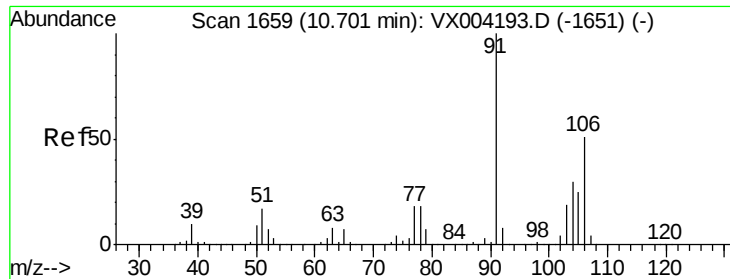
MMDadoda
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#68
m/p-Xylenes
Concen: 42.43 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Tgt Ion: 106 Resp: 276916
Ion Ratio Lower Upper
106 100
91 196.4 157.1 235.7





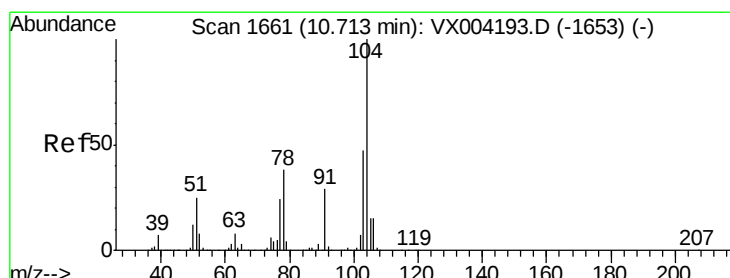
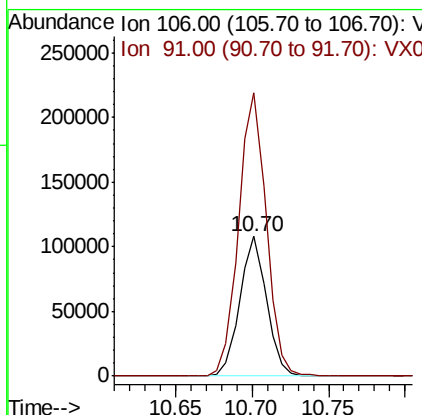
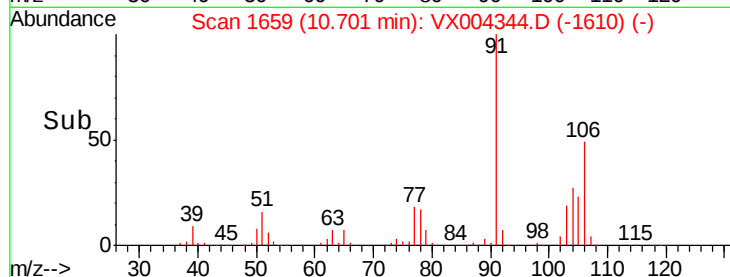
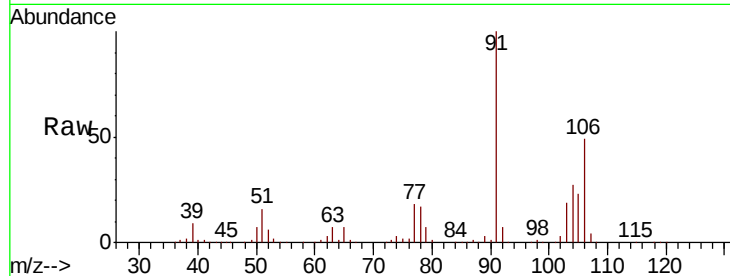
#69
o-Xylene
Concen: 21.29 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampled :
VX0904WBS02

Tot Ion:106 Resp: 131433
Ion Ratio Lower Upper
106 100
91 209.1 105.1 315.1

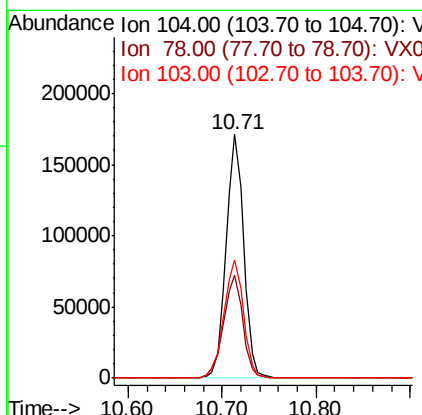
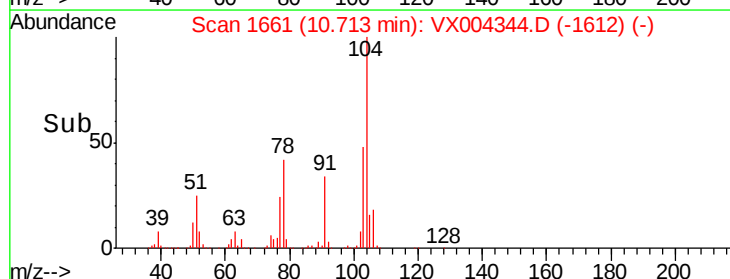
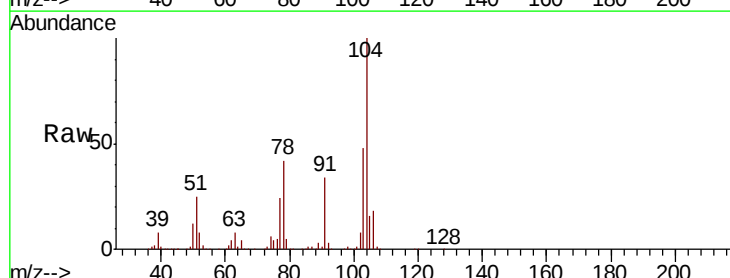
Manual Integrations
APPROVED

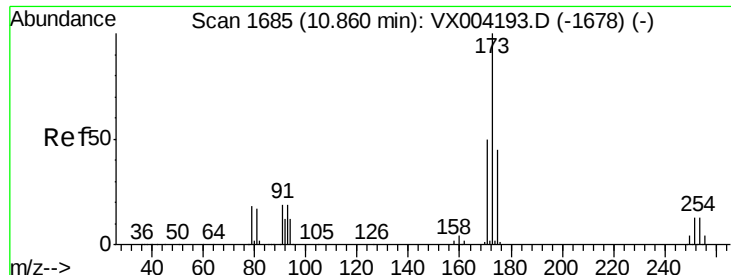
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#70
Styrene
Concen: 22.28 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Tgt Ion:104 Resp: 222653
Ion Ratio Lower Upper
104 100
78 46.6 37.4 56.0
103 53.9 43.8 65.6





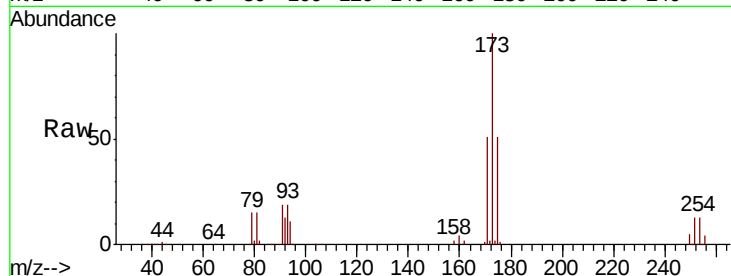
#71
Bromoform
Concen: 20.23 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.1	72.3
254	0.1	0.2	0.2#

Manual Integrations
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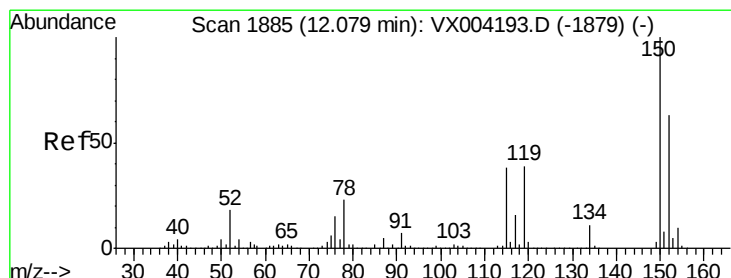
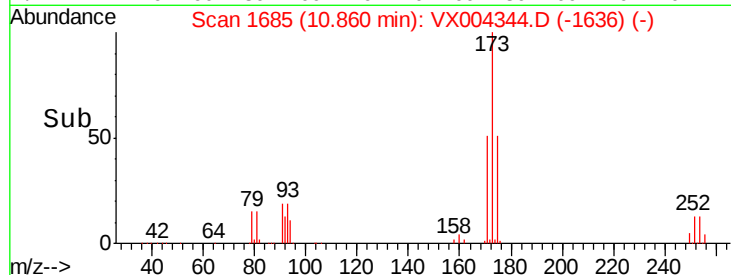
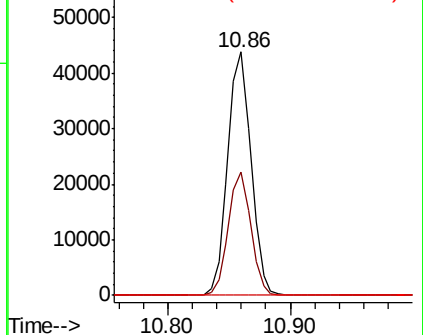


Abundance

Ion 172.70 (172.40 to 173.40): V

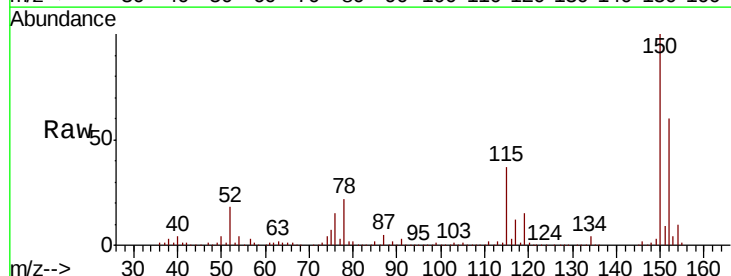
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.0	39.0	117.0
150	169.0	0.0	351.0

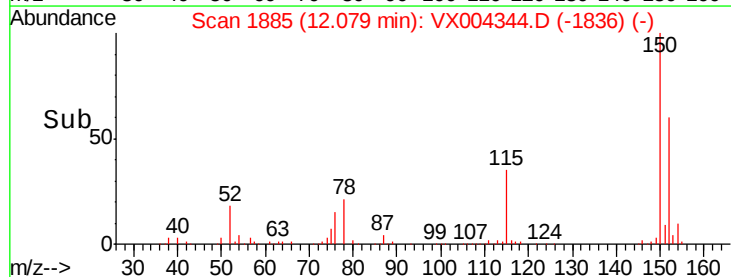
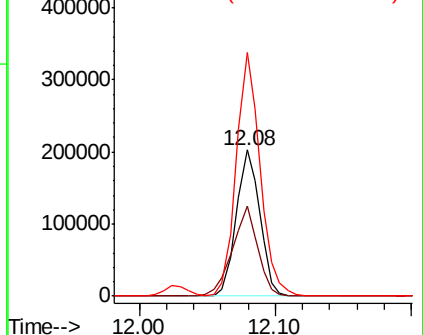


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.45 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0904WBS02

Tot Ion: 105 Resp: 359630

Ion Ratio Lower Upper

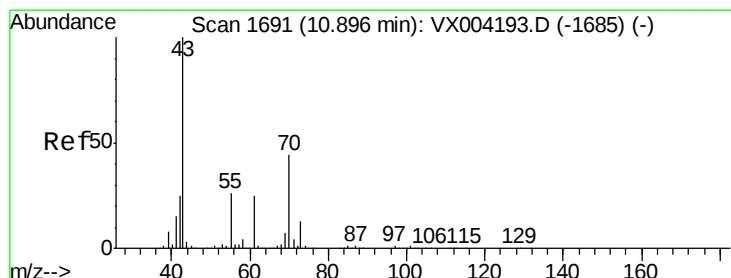
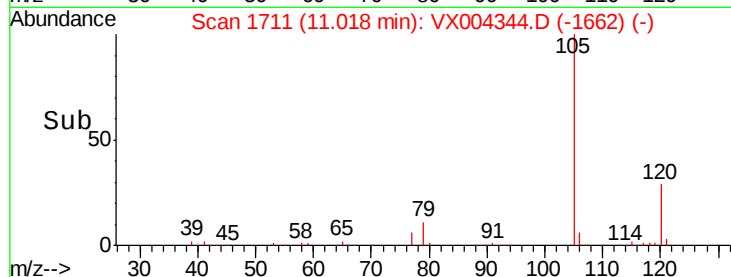
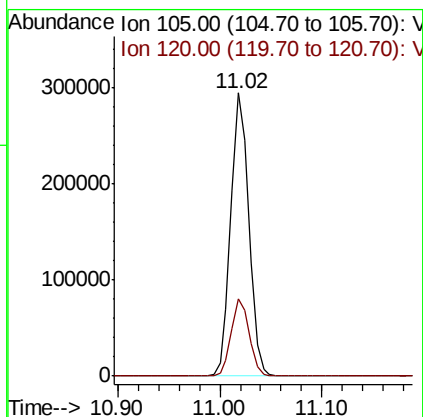
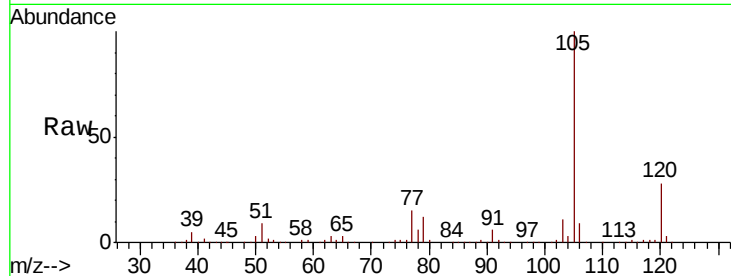
105 100

120 27.1 13.5 40.4

Manual Integrations
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#74

N-ethyl acetate

Concen: 21.04 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.01 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Tgt Ion: 43 Resp: 129763

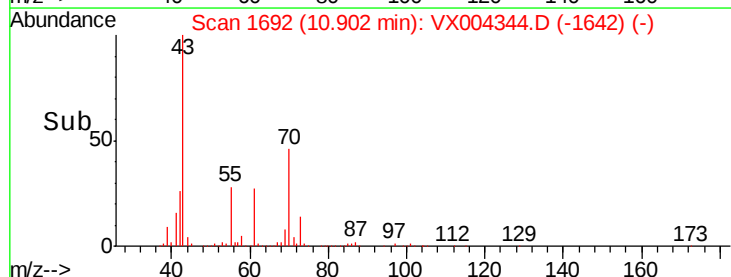
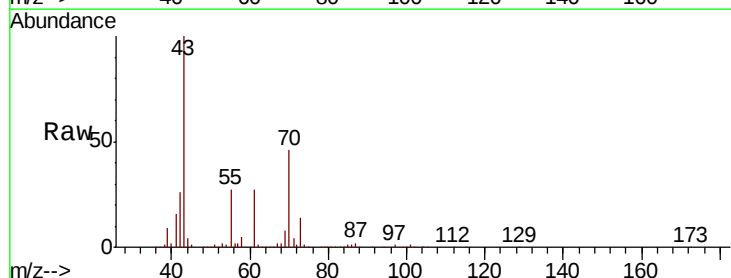
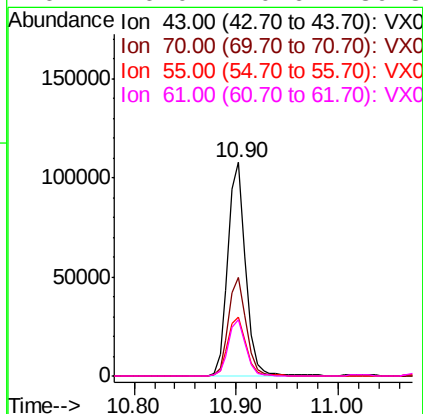
Ion Ratio Lower Upper

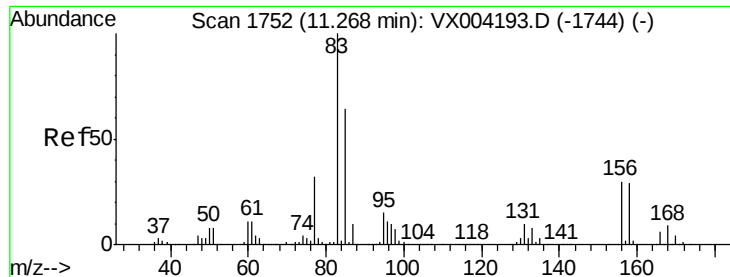
43 100

70 46.4 37.4 56.0

55 28.7 21.8 32.8

61 26.0 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.48 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

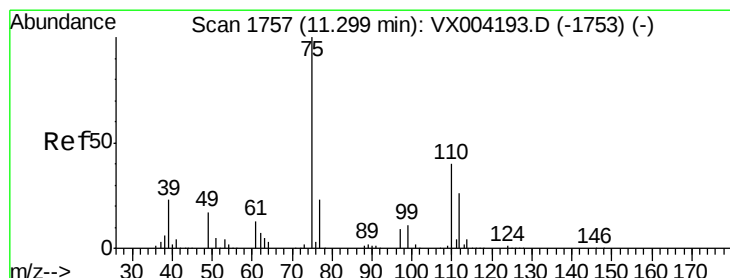
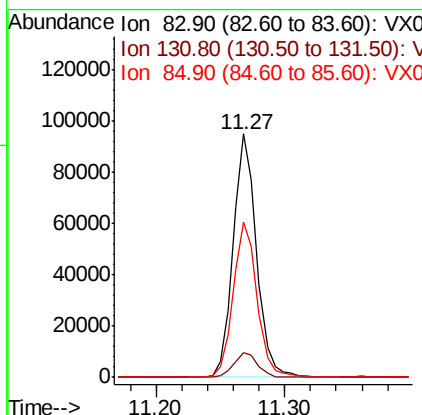
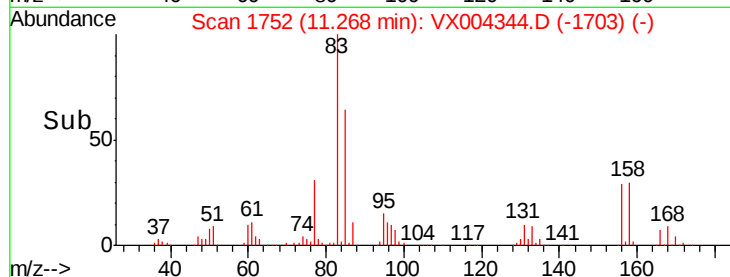
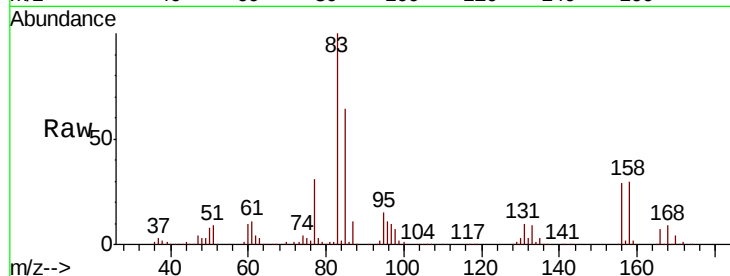
ClientSampleId :

VX0904WBS02

Tot Ion:	83	Resp:	120383
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.2	15.6
85	65.2	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 22.49 ug/l m

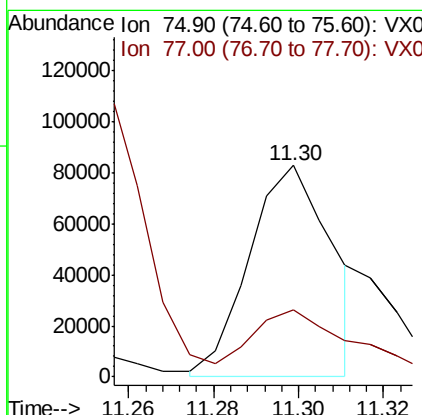
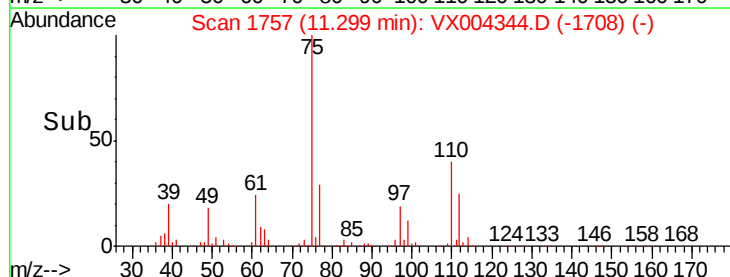
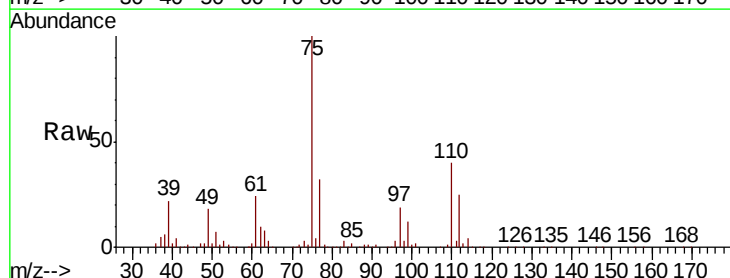
RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Tgt Ion:	75	Resp:	111564
Ion Ratio	Lower	Upper	
75	100		
77	39.4	20.2	60.6





#77

Bromobenzene

Concen: 21.29 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0904WBS02

Tot Ion:156 Resp: 95656

Ion Ratio Lower Upper

156 100

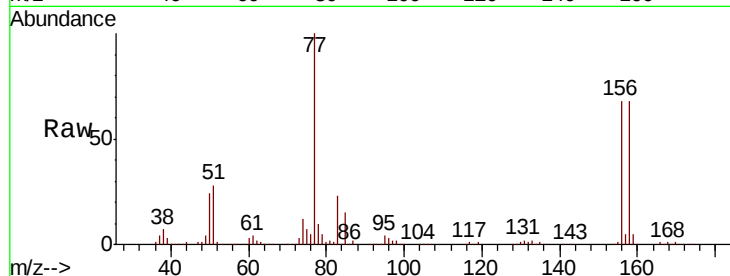
77 148.3 71.5 214.3

158 99.7 48.9 146.8

Manual Integrations
APPROVED

MMDadoda

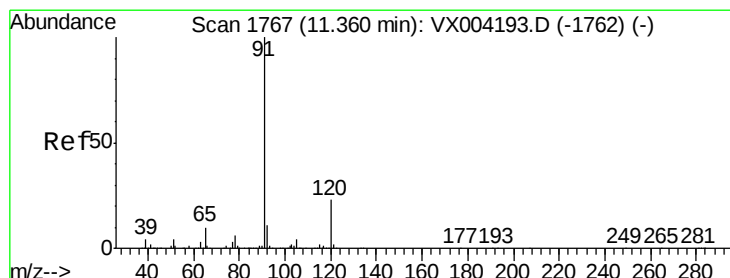
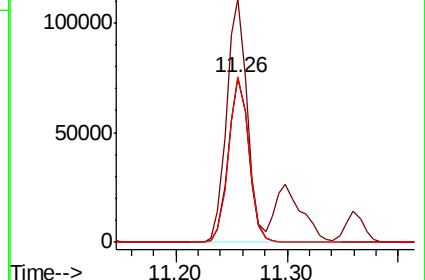
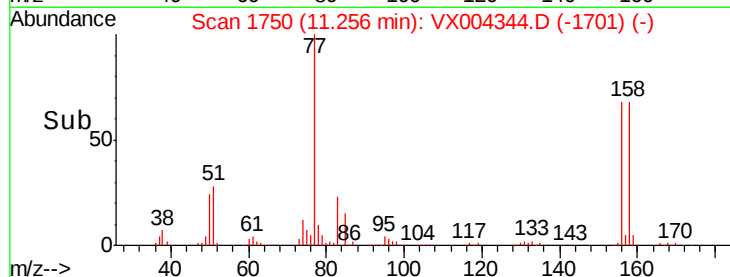
9/5/2018 4:52:23 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.12 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004344.D

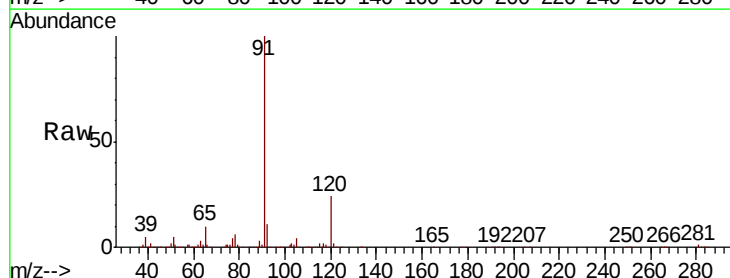
Acq: 04 Sep 2018 13:58

Tgt Ion: 91 Resp: 407473

Ion Ratio Lower Upper

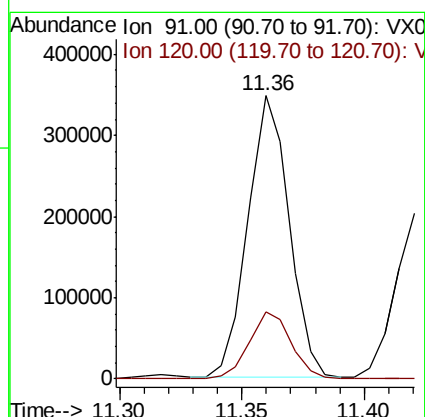
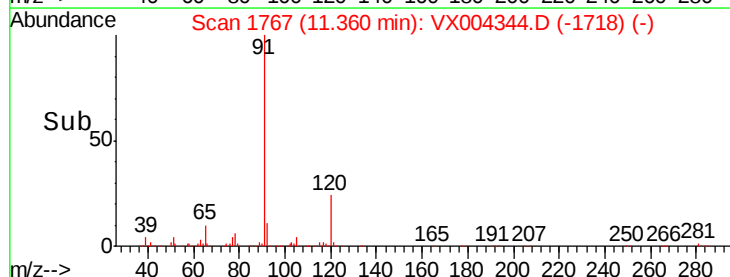
91 100

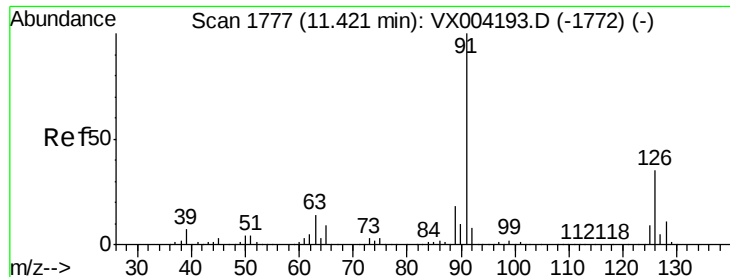
120 24.2 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.89 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0904WBS02

Tot Ion: 91 Resp: 248175

Ion Ratio Lower Upper

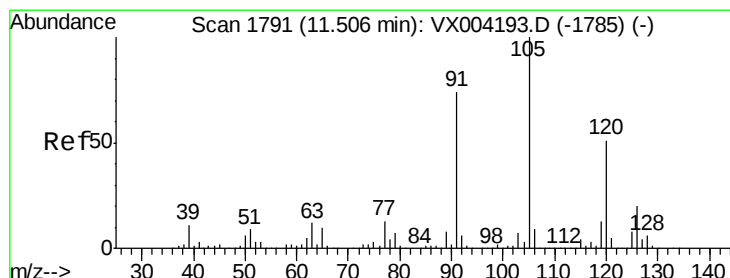
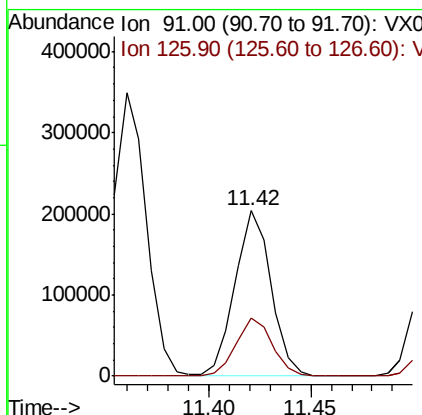
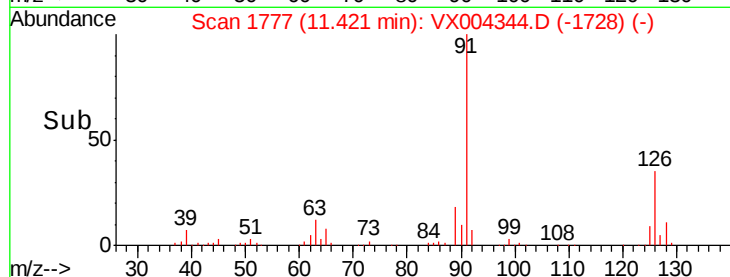
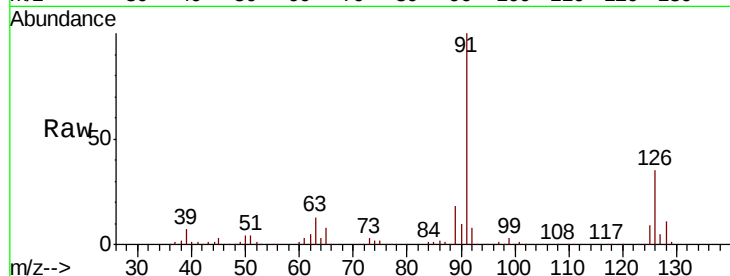
91 100

126 35.8 17.9 53.7

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#80

1,3,5-Trimethylbenzene

Concen: 22.72 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX004344.D

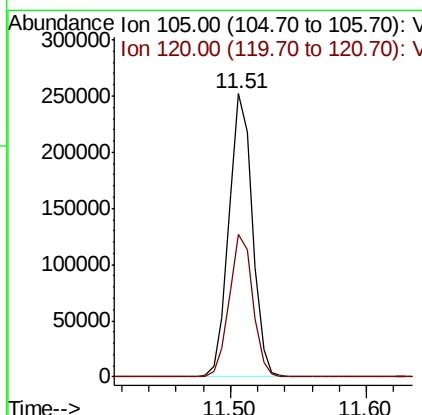
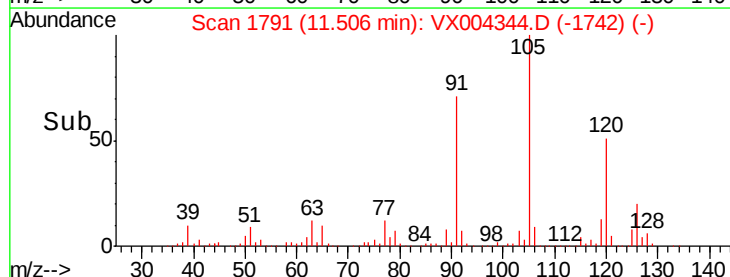
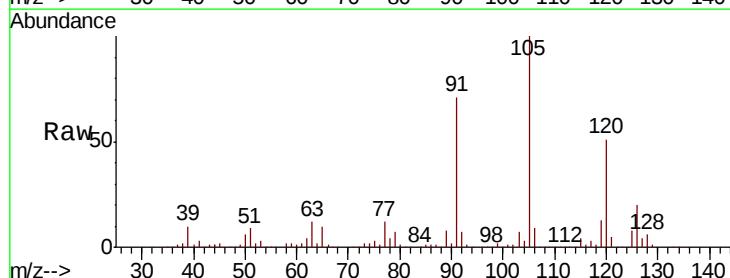
Acq: 04 Sep 2018 13:58

Tgt Ion: 105 Resp: 301358

Ion Ratio Lower Upper

105 100

120 51.0 25.6 76.8





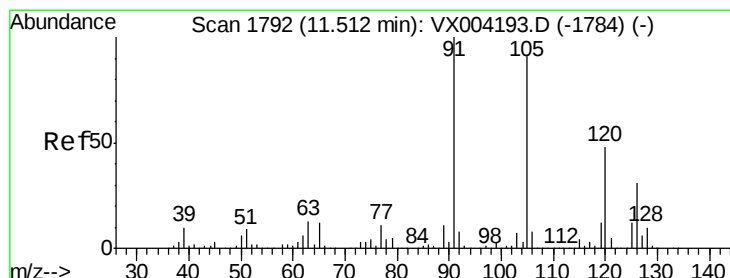
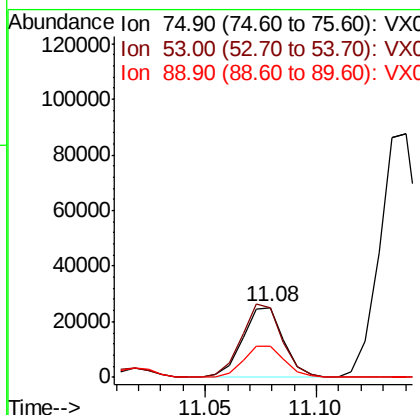
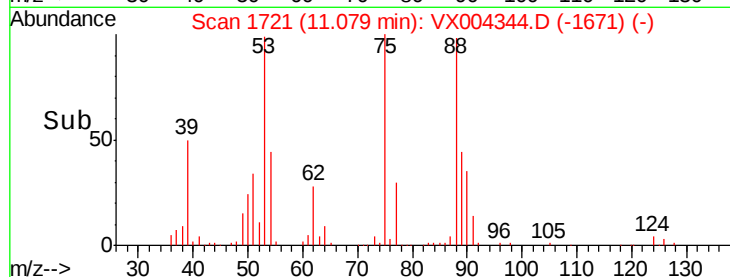
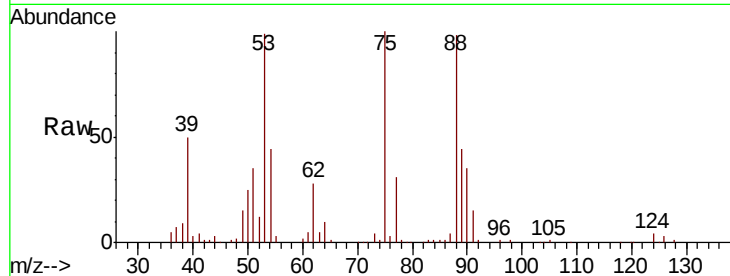
#81
trans-1,4-Dichloro-2-butene
Concen: 20.84 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.01 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.3	80.1	120.1
89	45.0	37.2	55.8

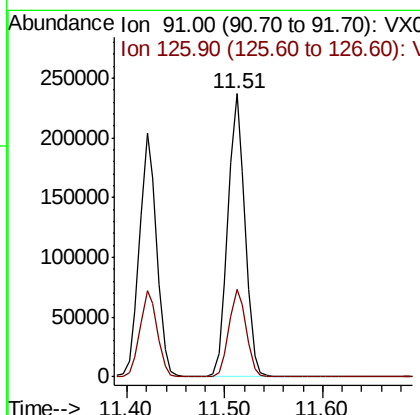
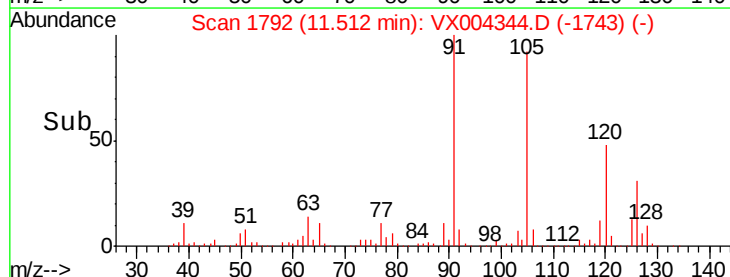
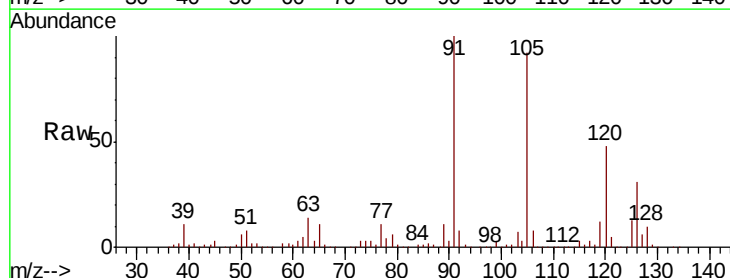
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#82
4-Chlorotoluene
Concen: 21.65 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.5	46.5





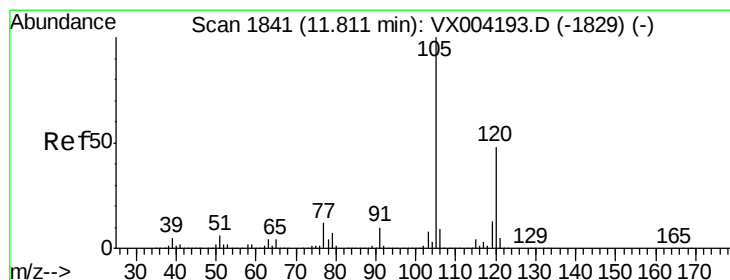
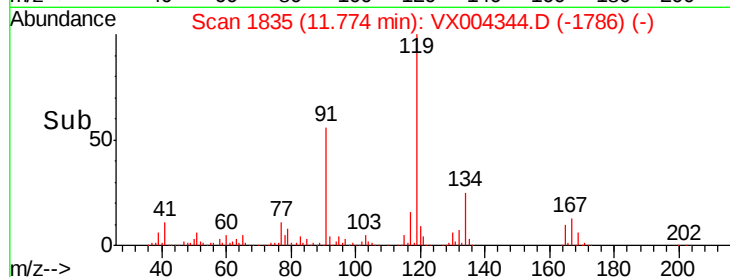
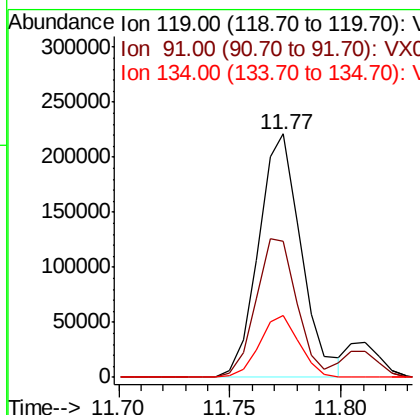
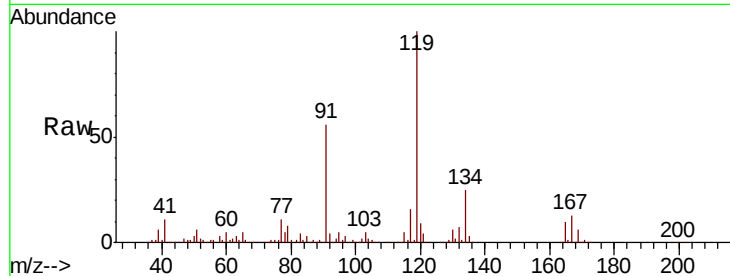
#83
 tert-Butylbenzene
 Concen: 22.02 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904WBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.2	27.0	81.0
134	24.0	11.7	35.1

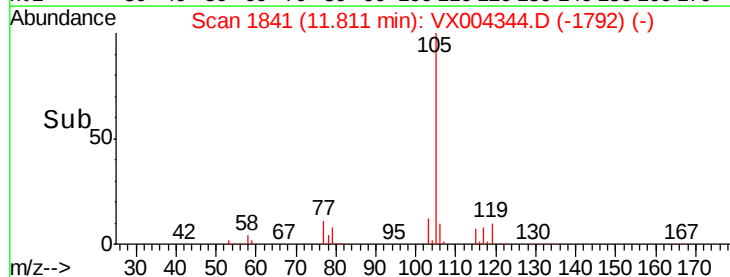
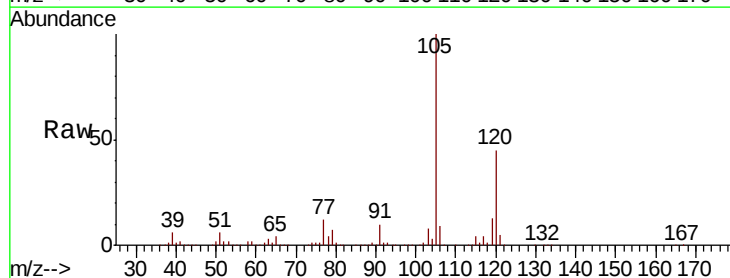
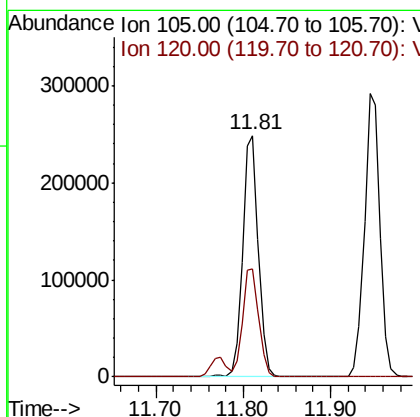
Manual Integrations
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#84
 1,2,4-Trimethylbenzene
 Concen: 22.81 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	23.2	69.6





#85

sec-Butylbenzene

Concen: 22.91 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

ClientSampleId :

VX0904WBS02

Tot Ion:105 Resp: 363040

Ion Ratio Lower Upper

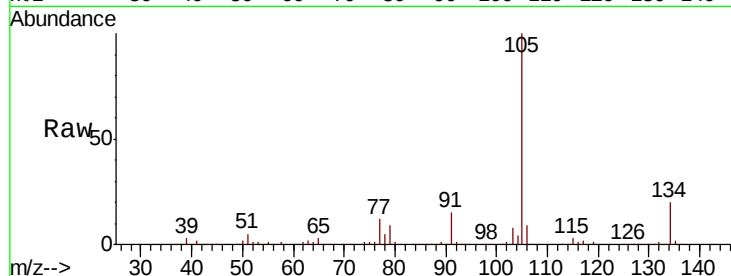
105 100

134 20.8 10.5 31.5

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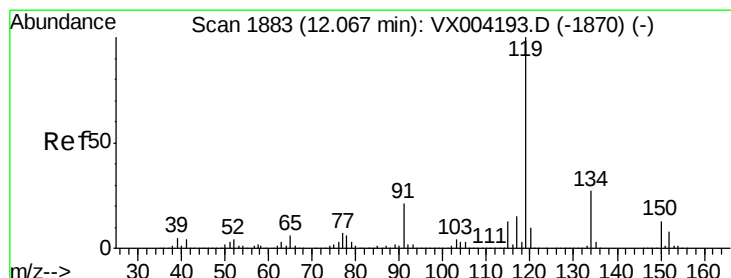
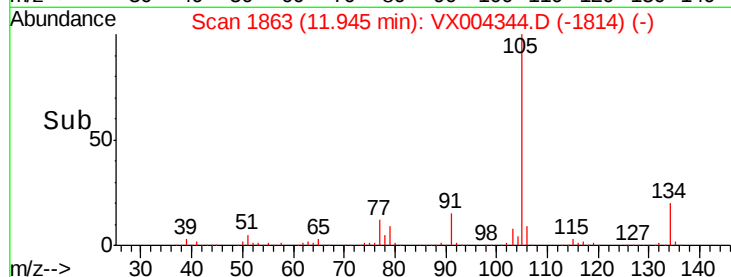
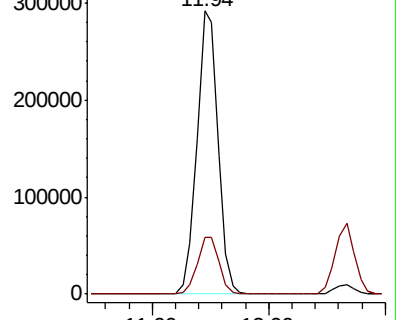
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.43 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

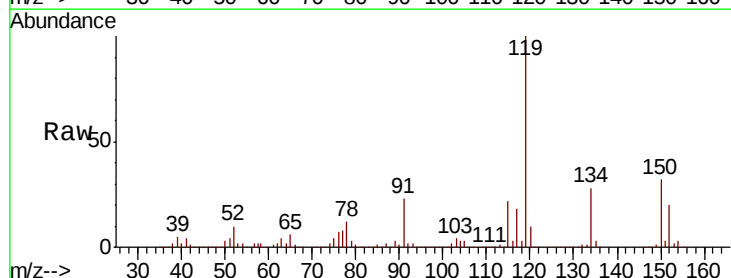
Tgt Ion:119 Resp: 318444

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

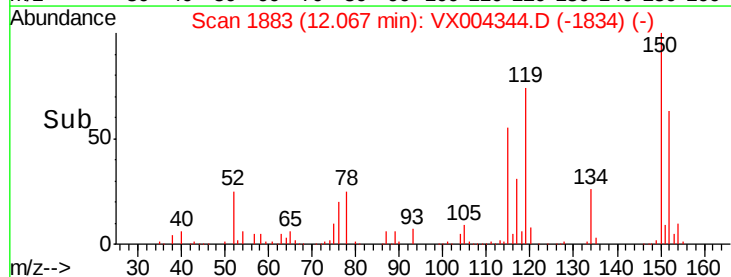
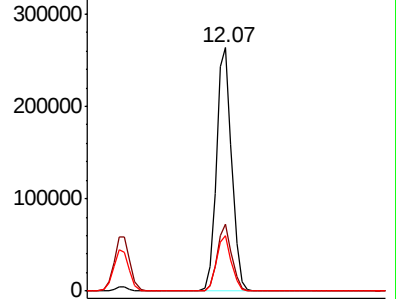
91 22.3 10.9 32.7

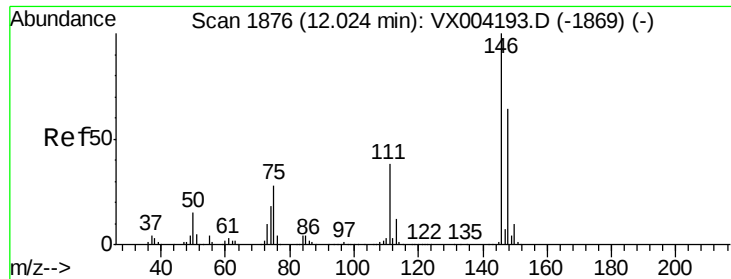


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 21.39 ug/l

RT: 12.02 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Instrument :

MSVOA_X

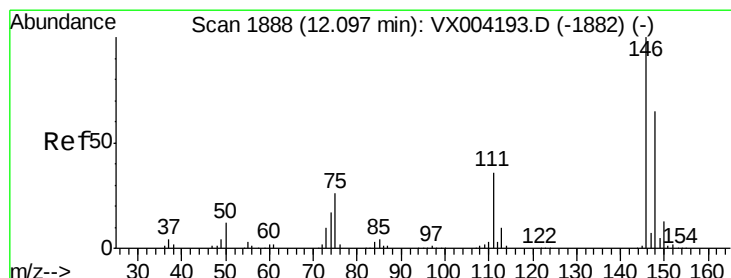
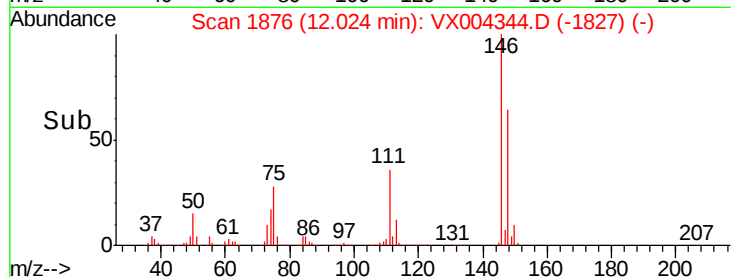
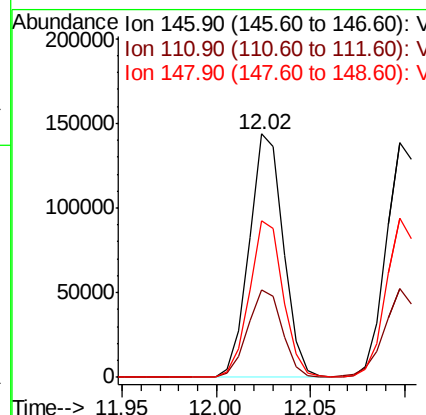
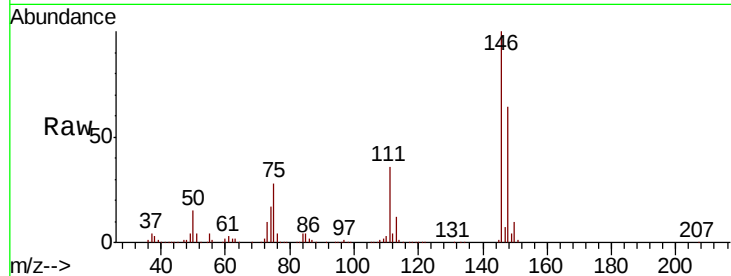
ClientSampleId :

VX0904WBS02

Tot Ion:	146	Resp:	180986
Ion Ratio	Lower	Upper	
146	100		
111	36.4	18.7	56.1
148	63.4	32.1	96.5

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#88

1,4-Dichlorobenzene

Concen: 19.41 ug/l

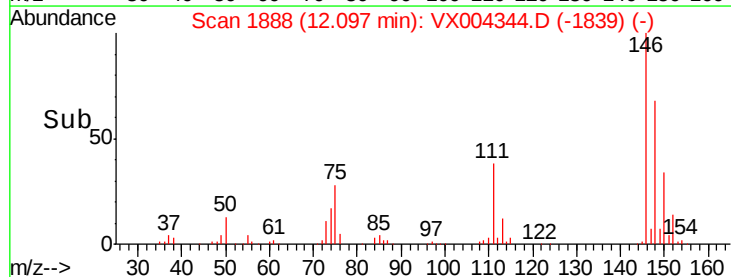
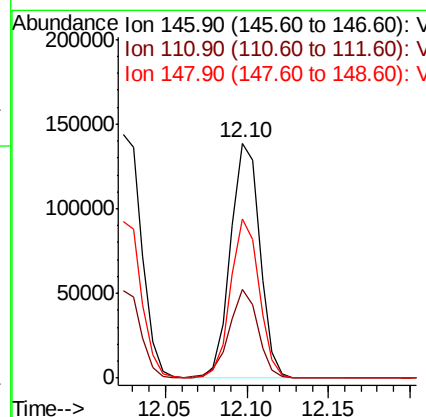
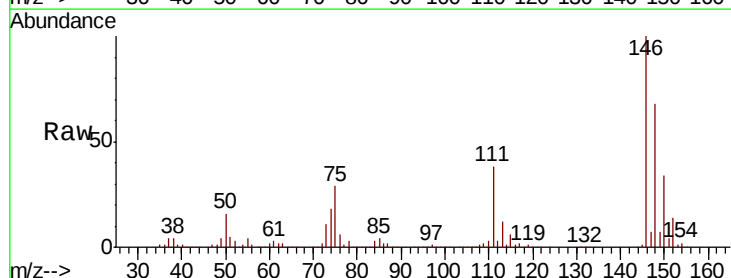
RT: 12.10 min Scan# 1888

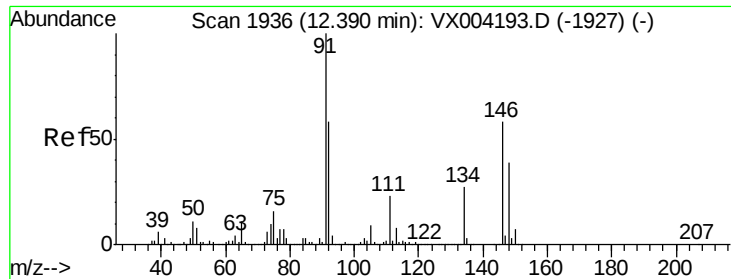
Delta R.T. -0.00 min

Lab File: VX004344.D

Acq: 04 Sep 2018 13:58

Tgt Ion:	146	Resp:	173093
Ion Ratio	Lower	Upper	
146	100		
111	37.5	18.1	54.1
148	66.4	32.0	96.0





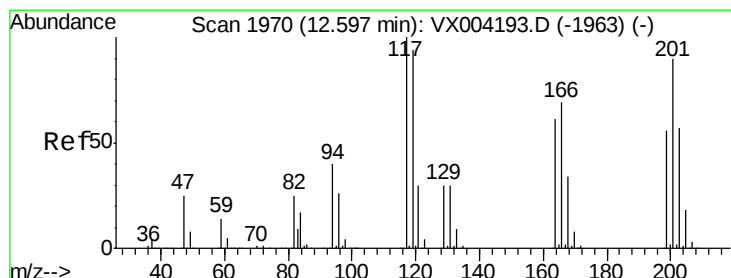
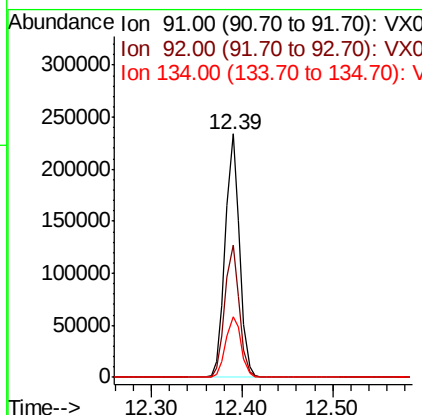
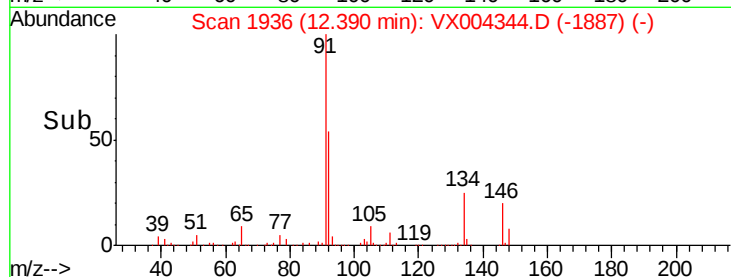
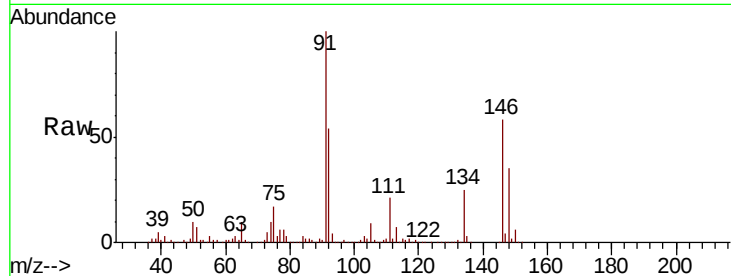
#89
n-Butylbenzene
Concen: 22.27 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.3	81.9
134	26.8	13.6	40.7

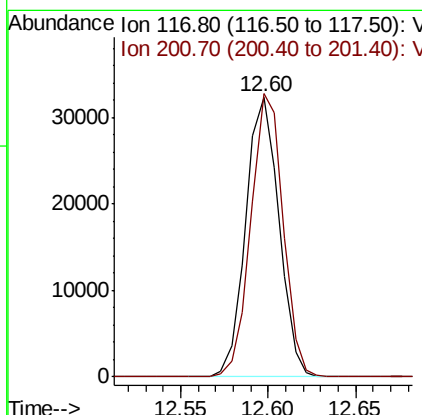
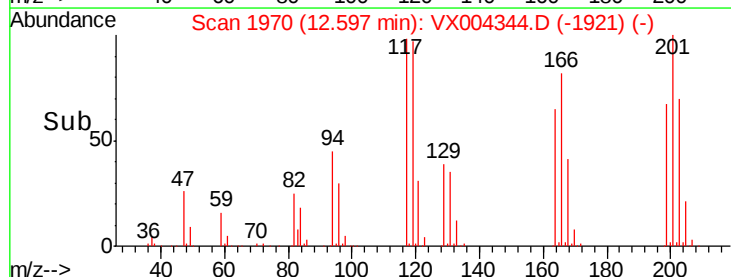
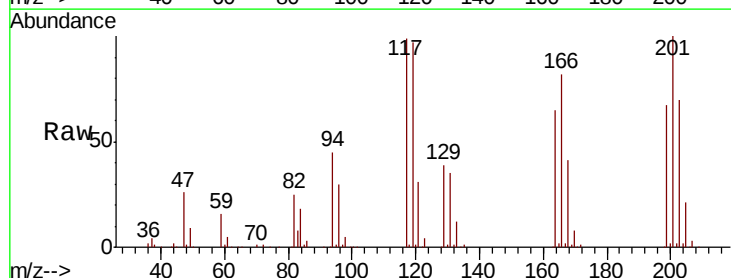
Manual Integrations
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#90
Hexachloroethane
Concen: 21.55 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	98.2	46.9	140.6





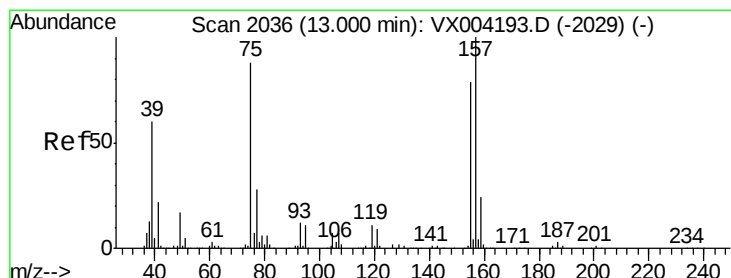
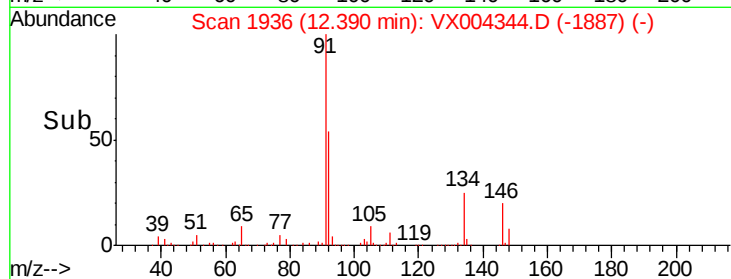
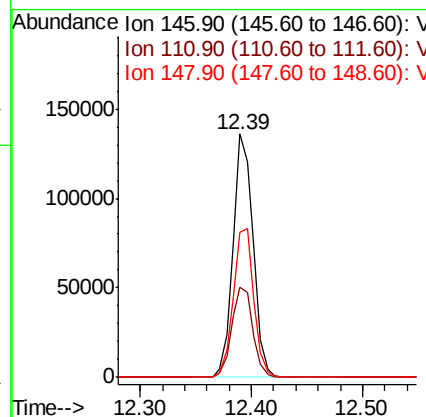
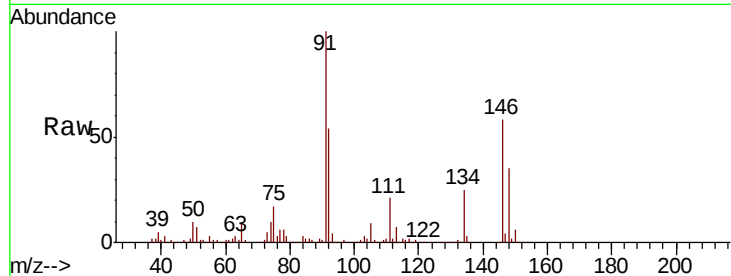
#91
 1,2-Dichlorobenzene
 Concen: 21.74 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0904WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.4	58.1
148	62.7	32.8	98.3

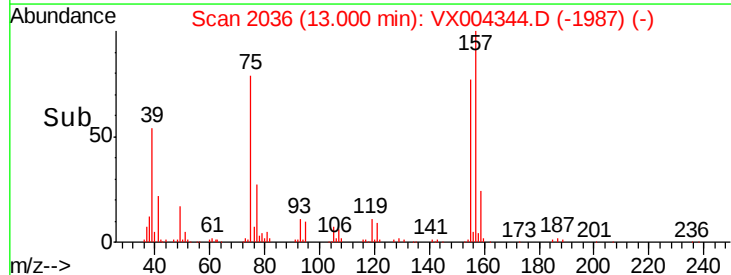
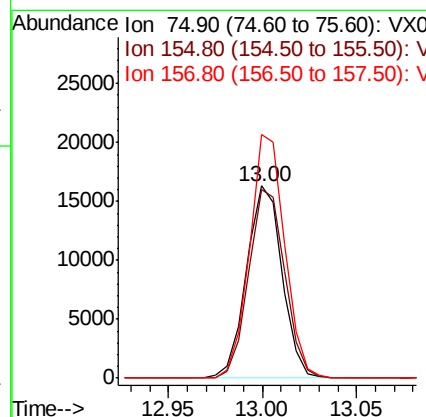
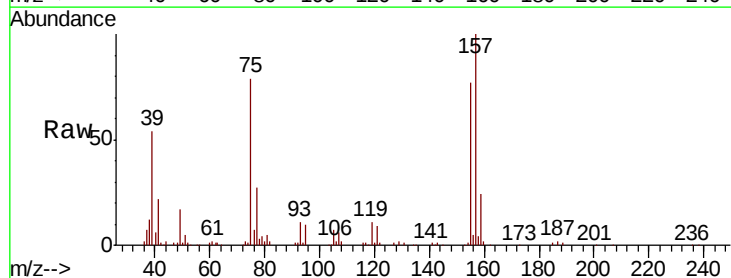
Manual Integrations
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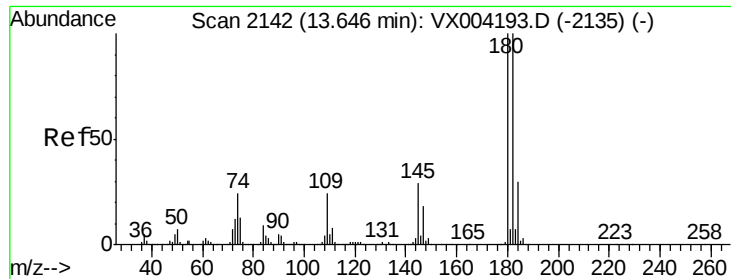
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.62 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.5	48.0	144.2
157	124.9	61.4	184.1





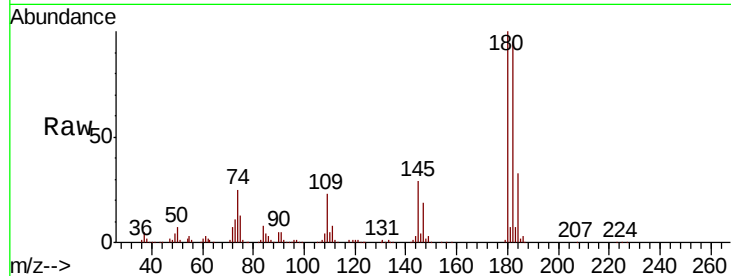
#93
 1,2,4-Trichlorobenzene
 Concen: 21.54 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

Instrument :
 MSVOA_X
 ClientSampled :
 VX0904WBS02

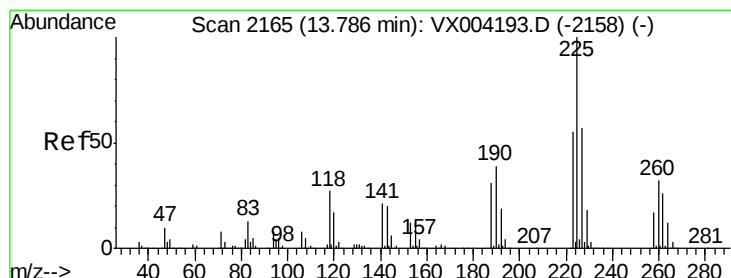
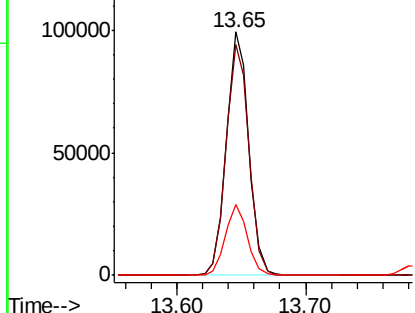
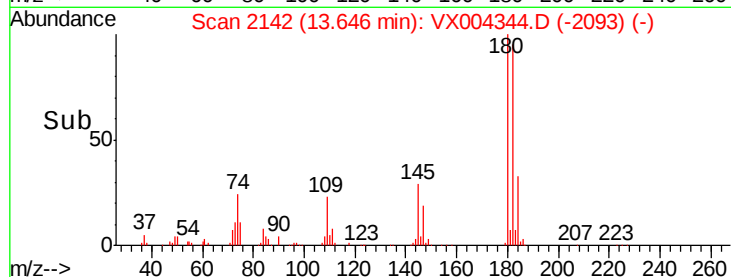
Tot Ion	Ratio	Resp	Lower	Upper
180	100	121161		
182	97.1	48.4	145.0	
145	28.6	14.3	42.9	

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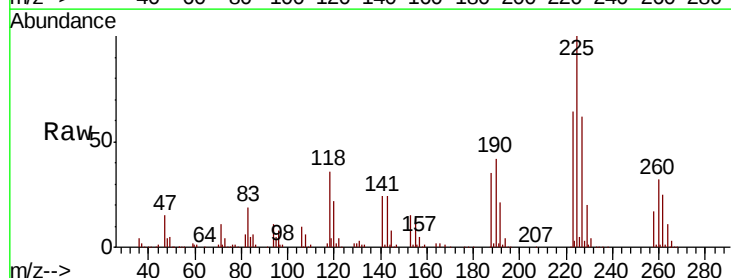


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

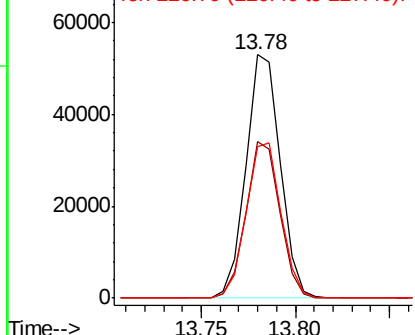
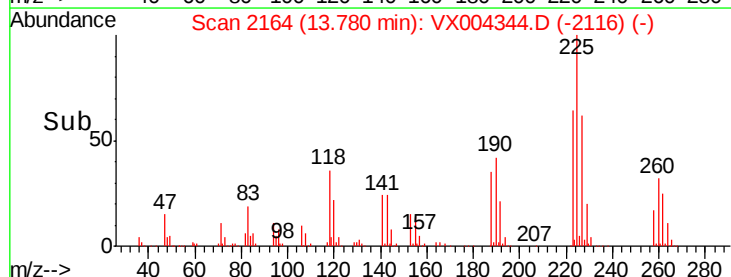


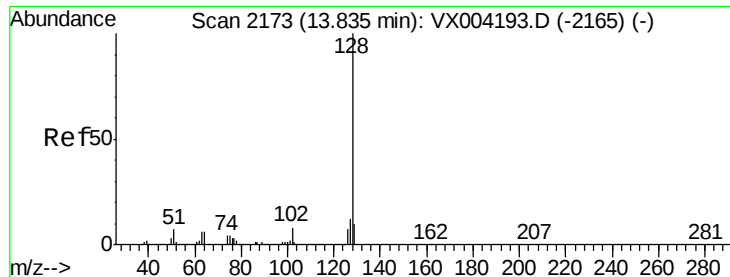
#94
 Hexachlorobutadiene
 Concen: 25.47 ug/l
 RT: 13.78 min Scan# 2164
 Delta R.T. -0.01 min
 Lab File: VX004344.D
 Acq: 04 Sep 2018 13:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	66836		
223	63.5	30.1	90.5	
227	64.7	30.8	92.4	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





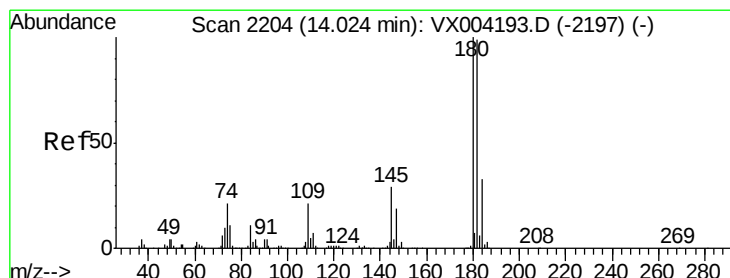
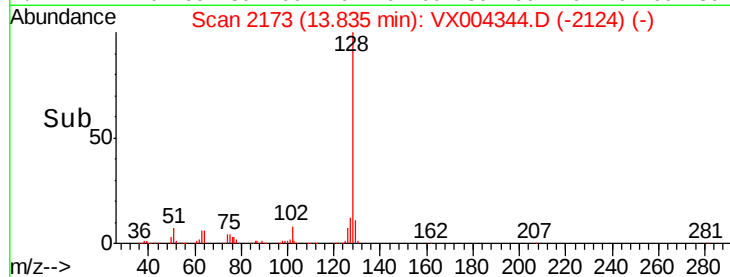
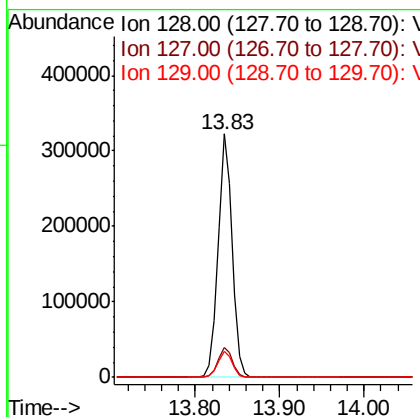
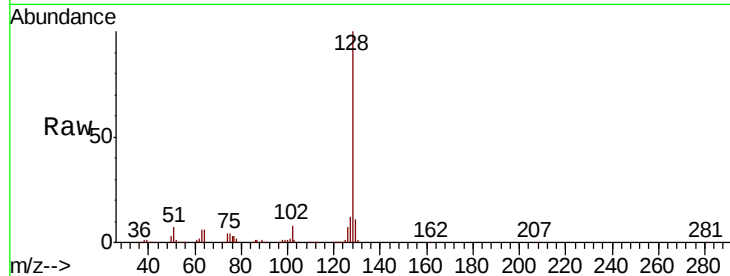
#95
Naphthalene
Concen: 23.49 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Instrument :
MSVOA_X
ClientSampleId :
VX0904WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.9	8.6	12.8

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#96
1,2,3-Trichlorobenzene
Concen: 22.31 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX004344.D
Acq: 04 Sep 2018 13:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	48.5	145.6
145	30.0	14.9	44.9

