

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100818\
 Data File : VX005114.D
 Acq On : 08 Oct 2018 09:20
 Operator : JC/MD
 Sample : VX1008WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/9/2018 1:47:47 PM

Quant Time: Oct 08 17:15:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	213530	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	305605	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	292459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	189878	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	145119	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	
35) Dibromofluoromethane	5.50	113	119022	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	
50) Toluene-d8	8.71	98	452493	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	
62) 4-Bromofluorobenzene	11.14	95	170140	54.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.70%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	53537	18.39	ug/l	96
3) Chloromethane	1.32	50	60213	17.05	ug/l	94
4) Vinyl Chloride	1.40	62	59756	18.04	ug/l	99
5) Bromomethane	1.64	94	36635	18.65	ug/l	95
6) Chloroethane	1.71	64	34642	17.68	ug/l	96
7) Trichlorofluoromethane	1.92	101	80947	19.74	ug/l	96
8) Diethyl Ether	2.19	74	31899	17.90	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	46814	20.04	ug/l	98
10) Methyl Iodide	2.51	142	37934	12.13	ug/l	90
11) Tert butyl alcohol	3.08	59	83297	97.66	ug/l	100
12) 1,1-Dichloroethene	2.37	96	42732	18.47	ug/l	97
13) Acrolein	2.29	56	13577	22.37	ug/l	87
14) Allyl chloride	2.72	41	96584	19.13	ug/l	94
15) Acrylonitrile	3.15	53	178465	95.05	ug/l	96
16) Acetone	2.45	43	161564	90.72	ug/l	93
17) Carbon Disulfide	2.56	76	110720	15.93	ug/l	100
18) Methyl Acetate	2.78	43	106302	23.56	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	162351	20.34	ug/l	95
20) Methylene Chloride	2.85	84	49819	18.72	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	45920	18.13	ug/l	86
22) Diisopropyl ether	3.87	45	161823	19.04	ug/l	98
23) Vinyl Acetate	3.82	43	702371	90.26	ug/l	98
24) 1,1-Dichloroethane	3.70	63	94723	18.68	ug/l	99
25) 2-Butanone	4.71	43	235947	89.89	ug/l	98
26) 2,2-Dichloropropane	4.58	77	69295	19.62	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	49881	17.63	ug/l	93
28) Bromochloromethane	5.02	49	42844	17.94	ug/l	98
29) Tetrahydrofuran	5.16	42	154274	94.56	ug/l	99
30) Chloroform	5.21	83	87135	18.18	ug/l	99
31) Cyclohexane	5.57	56	72704	18.73	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	73333	18.74	ug/l	96
36) 1,1-Dichloropropene	5.79	75	61084	17.29	ug/l	96
37) Ethyl Acetate	4.86	43	81817	17.44	ug/l	98
38) Carbon Tetrachloride	5.78	117	63426	17.07	ug/l	95

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	69437	19.24	ug/l	87
40) Benzene	6.14	78	193328	17.47	ug/l	95
41) Methacrylonitrile	5.06	41	46631	17.93	ug/l	98
42) 1,2-Dichloroethane	6.20	62	69406	17.75	ug/l	98
43) Isopropyl Acetate	6.46	43	121627	17.96	ug/l	97
44) Trichloroethene	7.21	130	52324	19.24	ug/l	98
45) 1,2-Dichloropropane	7.52	63	52640	19.40	ug/l	100
46) Dibromomethane	7.66	93	33486	19.64	ug/l	100
47) Bromodichloromethane	7.90	83	62853	19.69	ug/l	99
48) Methyl methacrylate	7.78	41	62692	20.40	ug/l	99
49) 1,4-Dioxane	7.76	88	30018	393.19	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	443617	104.06	ug/l	99
52) Toluene	8.79	92	121133	19.93	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	70851	19.64	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	77210	20.43	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	50138	18.83	ug/l	96
56) Ethyl methacrylate	9.18	69	75888	19.42	ug/l	96
57) 1,3-Dichloropropane	9.37	76	84075	18.97	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	221746	105.38	ug/l	98
59) 2-Hexanone	9.50	43	356212	100.27	ug/l	95
60) Dibromochloromethane	9.59	129	50995	19.15	ug/l	97
61) 1,2-Dibromoethane	9.67	107	52585	18.44	ug/l	97
64) Tetrachloroethene	9.34	164	52960	18.40	ug/l	95
65) Chlorobenzene	10.14	112	136968	18.26	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	49423	18.75	ug/l	99
67) Ethyl Benzene	10.25	91	225062	18.90	ug/l	95
68) m/p-Xylenes	10.36	106	177322	38.11	ug/l	95
69) o-Xylene	10.70	106	84355	19.74	ug/l	100
70) Styrene	10.71	104	144466	19.44	ug/l	100
71) Bromoform	10.86	173	41700	18.47	ug/l	95
73) Isopropylbenzene	11.02	105	233862	19.54	ug/l	100
74) N-amyl acetate	10.90	43	108538	17.67	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	85270	17.50	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	79508m	18.68	ug/l	
77) Bromobenzene	11.26	156	64324	18.50	ug/l	99
78) n-propylbenzene	11.36	91	273369	19.91	ug/l	99
79) 2-Chlorotoluene	11.42	91	165777	19.37	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	201344	18.23	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	23165	16.24	ug/l	99
82) 4-Chlorotoluene	11.51	91	194111	19.27	ug/l	100
83) tert-Butylbenzene	11.77	119	200293	20.33	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	207149	18.19	ug/l	99
85) sec-Butylbenzene	11.94	105	243489	20.29	ug/l	100
86) p-Isopropyltoluene	12.07	119	217079	19.96	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	122297	18.84	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	121389	18.12	ug/l	97
89) n-Butylbenzene	12.39	91	190891	19.33	ug/l	99
90) Hexachloroethane	12.60	117	34561	19.09	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	123724	18.24	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19640	18.36	ug/l	99

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ClientSampleId :
VX1008WBS01

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	92188	19.37	ug/l	99
94) Hexachlorobutadiene	13.78	225	48352	19.59	ug/l	99
95) Naphthalene	13.83	128	274122	17.83	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	94112	19.15	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS01

Tgt Ion:168 Resp: 213530

Ion Ratio Lower Upper

168 100

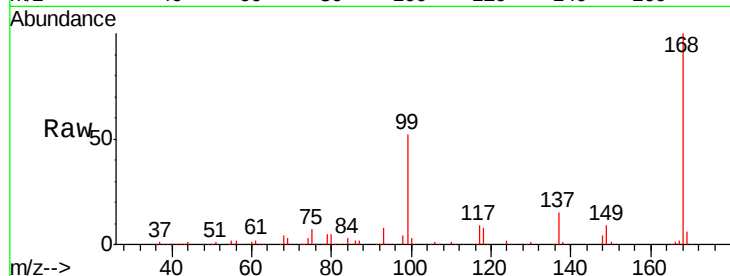
99 52.2 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VX004724.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX005114.D (-690) (-)

5.66

80000

60000

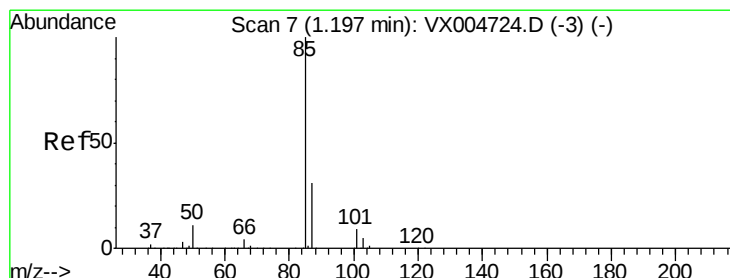
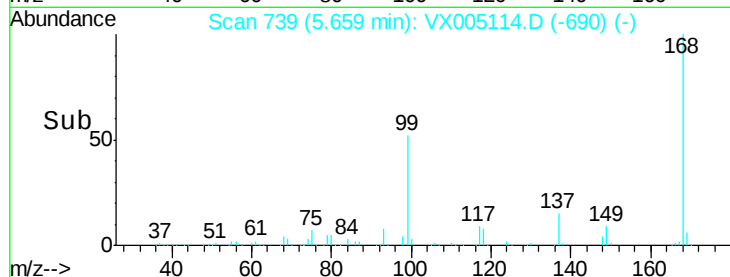
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.39 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005114.D

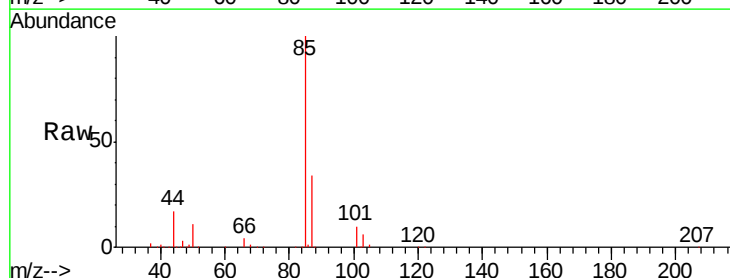
Acq: 08 Oct 2018 09:20

Tgt Ion: 85 Resp: 53537

Ion Ratio Lower Upper

85 100

87 33.6 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX004724.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VX005114.D (-1) (-)

1.20

50000

40000

30000

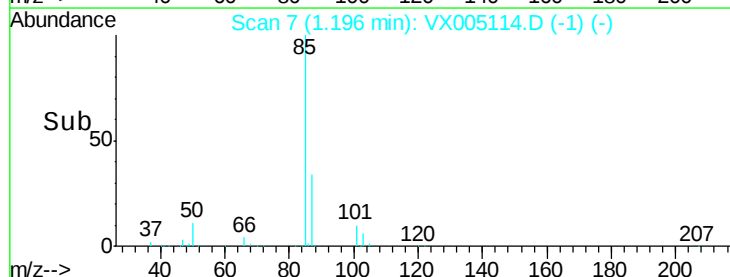
20000

10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 17.05 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS01

Tgt Ion: 50 Resp: 60213

Ion Ratio Lower Upper

50 100

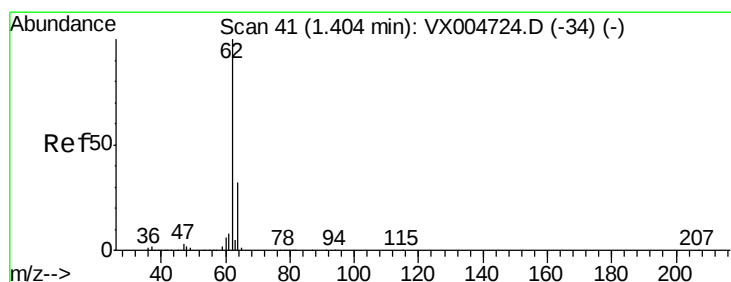
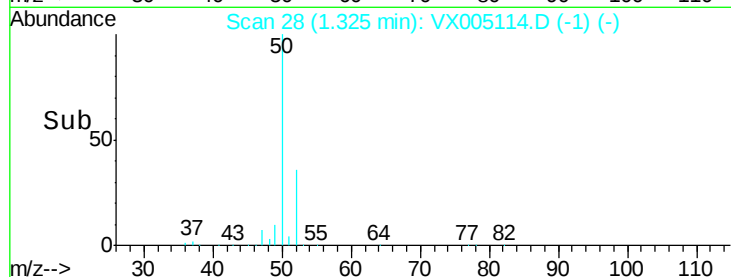
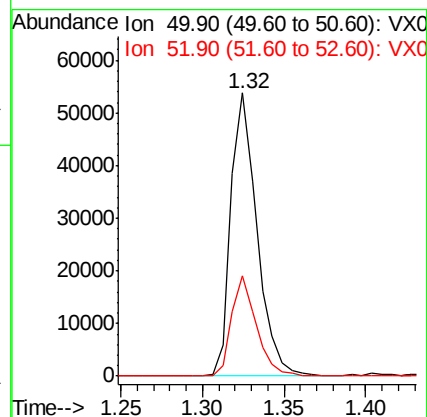
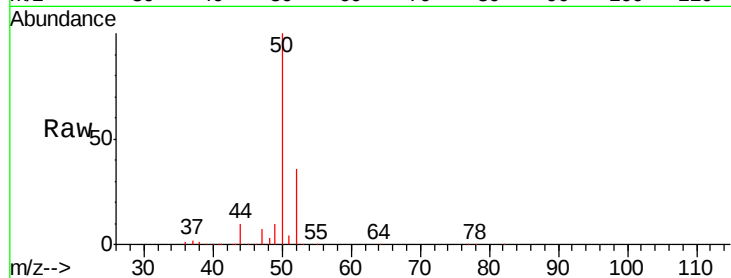
52 35.6 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.04 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005114.D

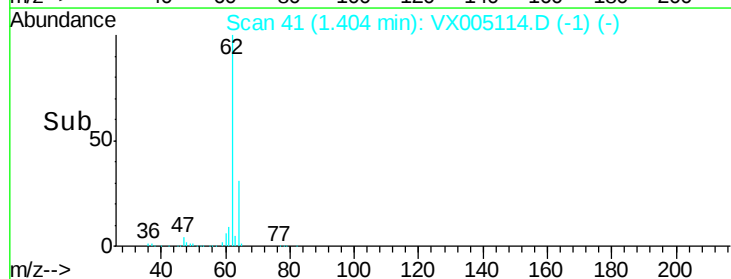
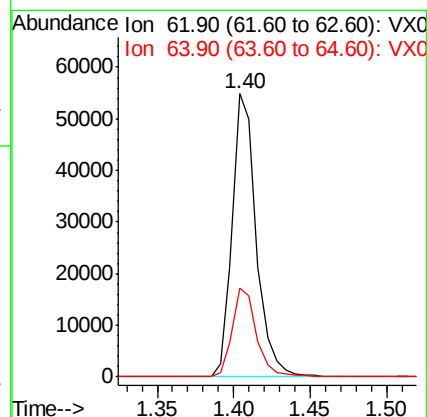
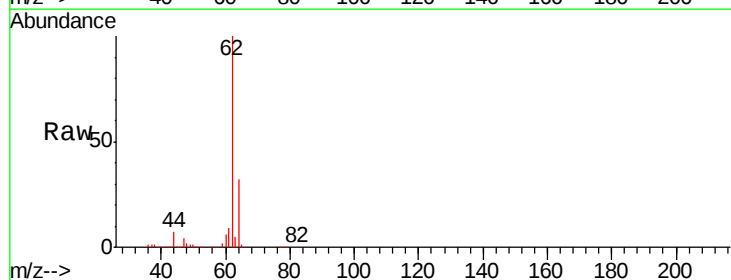
Acq: 08 Oct 2018 09:20

Tgt Ion: 62 Resp: 59756

Ion Ratio Lower Upper

62 100

64 31.6 25.5 38.3





#5

Bromomethane

Concen: 18.65 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS01

Tgt Ion: 94 Resp: 36635

Ion Ratio Lower Upper

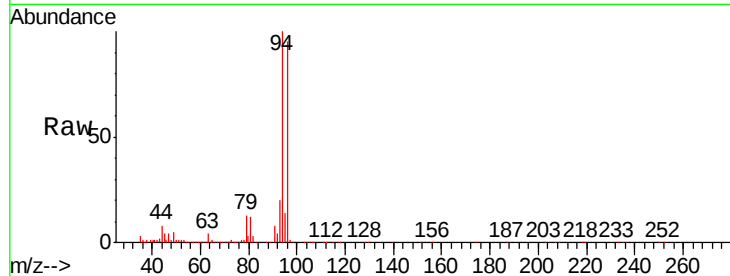
94 100

96 94.7 79.5 119.3

Manual Integrations
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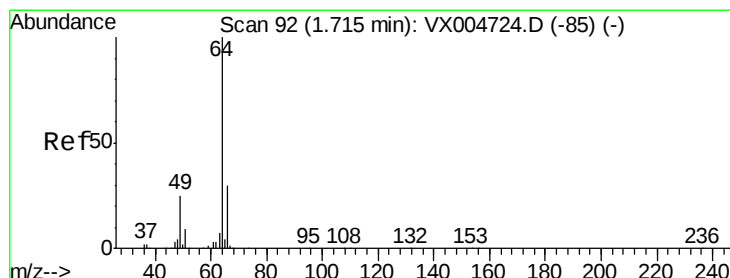
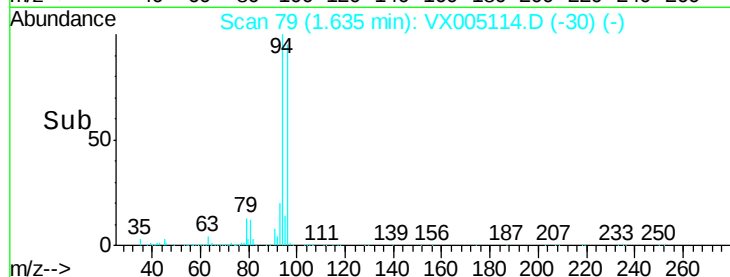
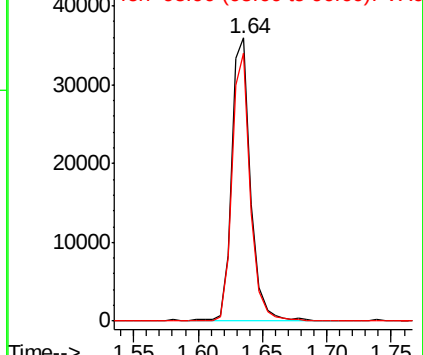
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.68 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX005114.D

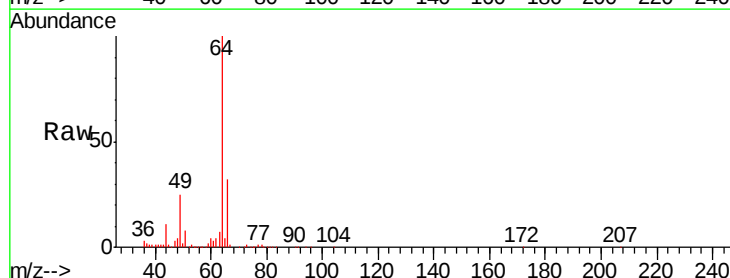
Acq: 08 Oct 2018 09:20

Tgt Ion: 64 Resp: 34642

Ion Ratio Lower Upper

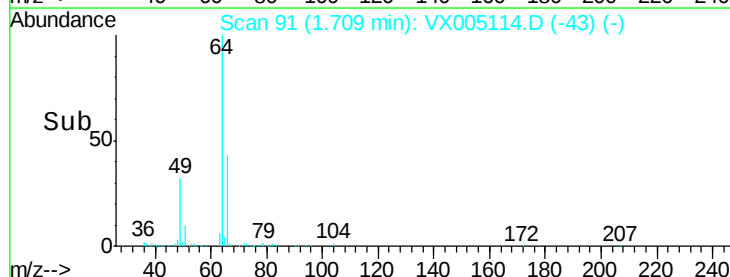
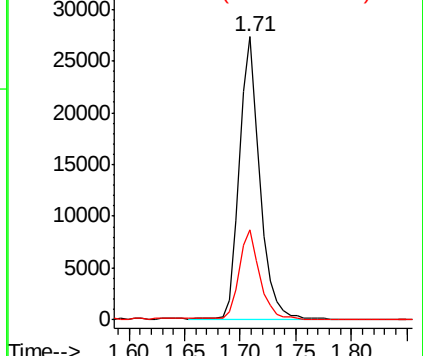
64 100

66 31.9 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

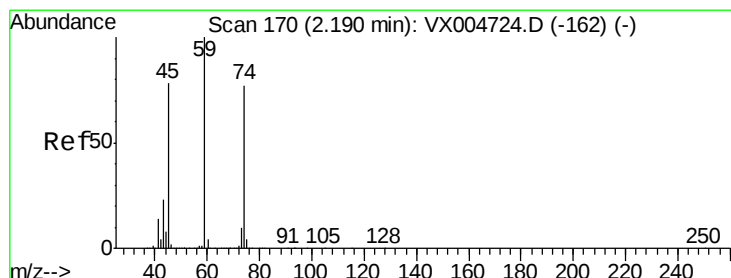
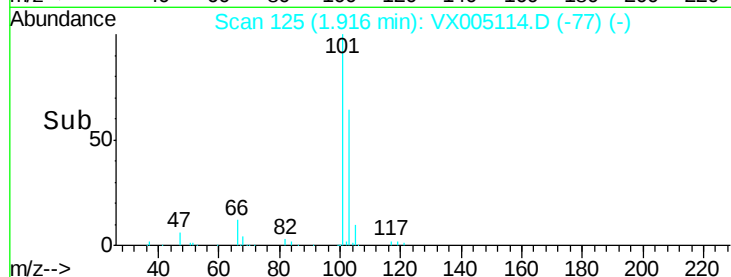
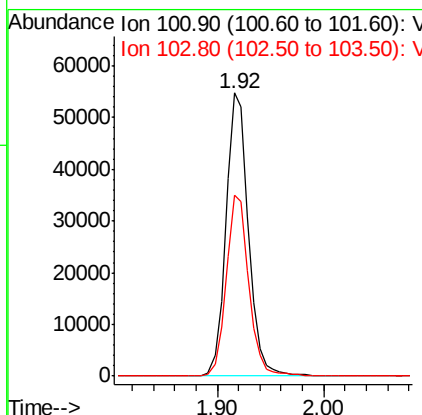
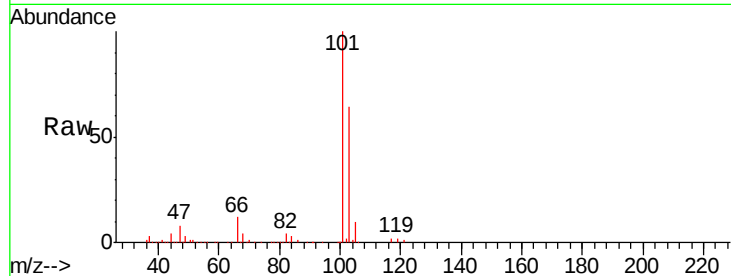
Trichlorofluoromethane
 Concen: 19.74 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX005114.D
 Acq: 08 Oct 2018 09:20

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Tgt Ion	Ratio	Lower	Upper
101	100		
103	63.8	48.4	72.6

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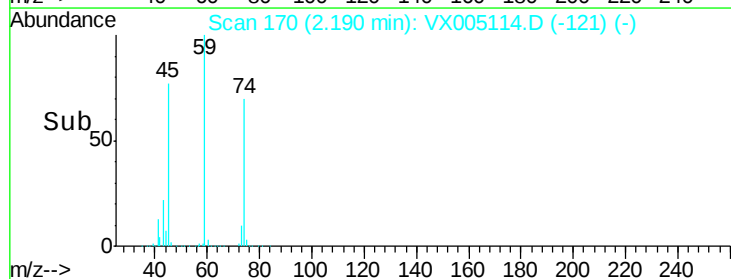
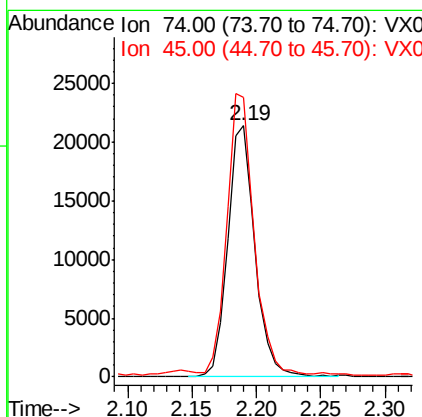
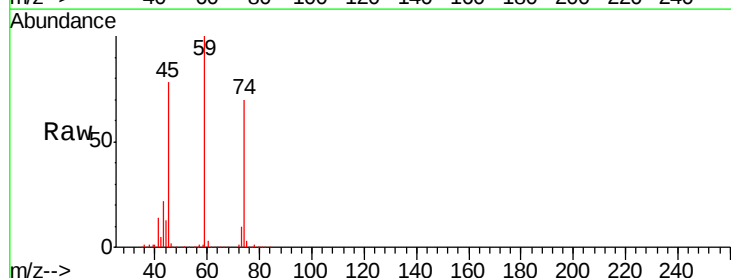
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#8

Diethyl Ether
 Concen: 17.90 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005114.D
 Acq: 08 Oct 2018 09:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.0	52.5	157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.04 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Instrument :

MSVOA_X

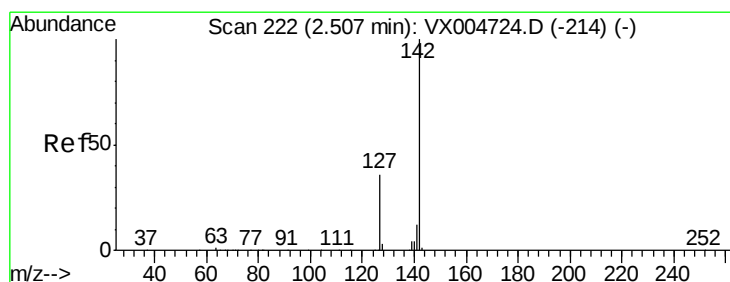
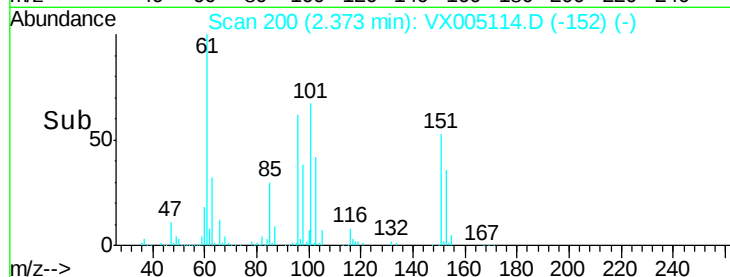
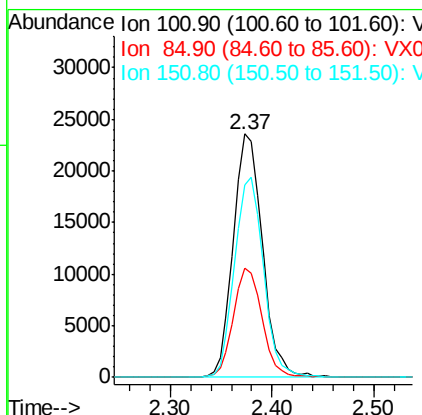
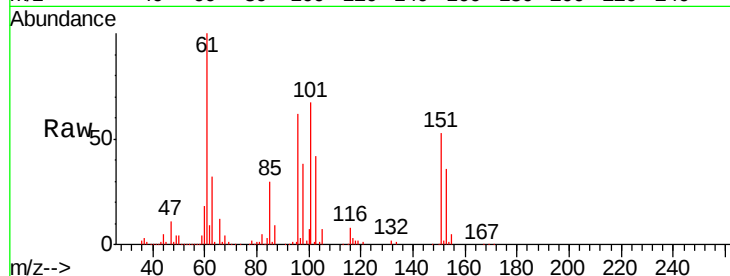
ClientSampleId :

VX1008WBS01

Tgt Ion:	101	Resp:	46814
Ion Ratio	Lower	Upper	
101	100		
85	44.3	35.9	53.9
151	81.6	66.6	100.0

Manual Integrations
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#10

Methyl Iodide

Concen: 12.13 ug/l

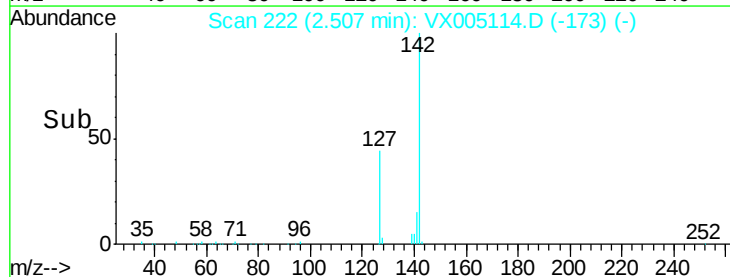
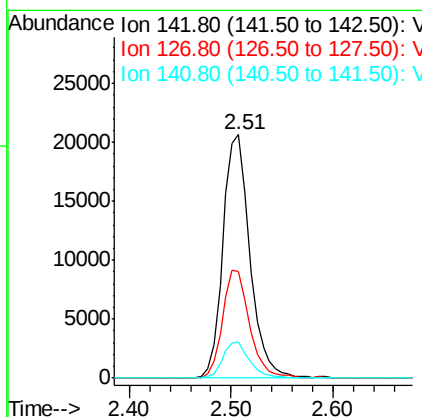
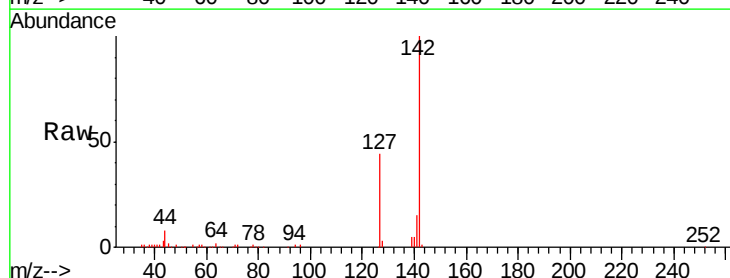
RT: 2.51 min Scan# 222

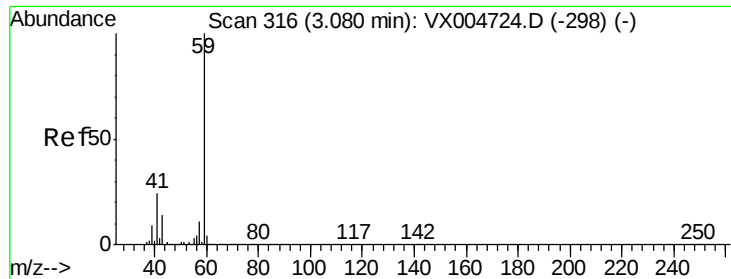
Delta R.T. -0.00 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Tgt Ion:	142	Resp:	37934
Ion Ratio	Lower	Upper	
142	100		
127	44.3	30.1	45.1
141	14.5	10.1	15.1





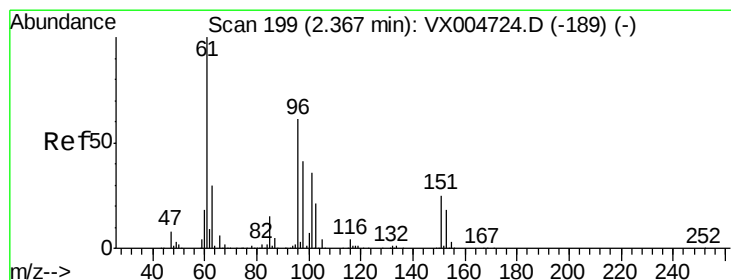
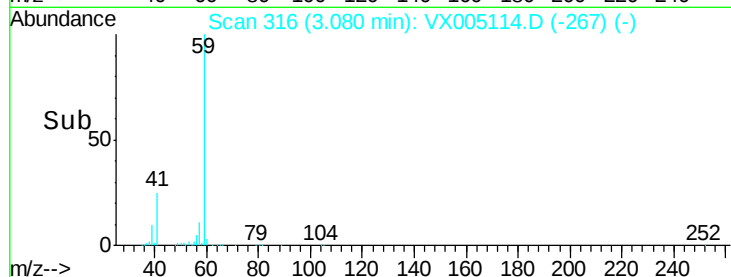
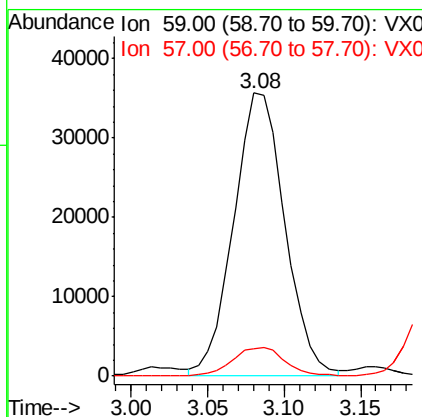
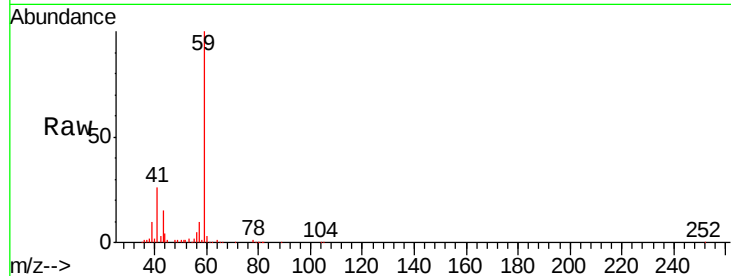
#11
Tert butyl alcohol
Concen: 97.66 ug/l
RT: 3.08 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX005114.D
Acq: 08 Oct 2018 09:20

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS01

Tgt Ion: 59 Resp: 83297
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

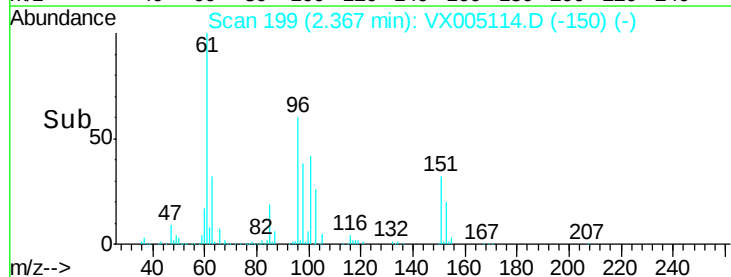
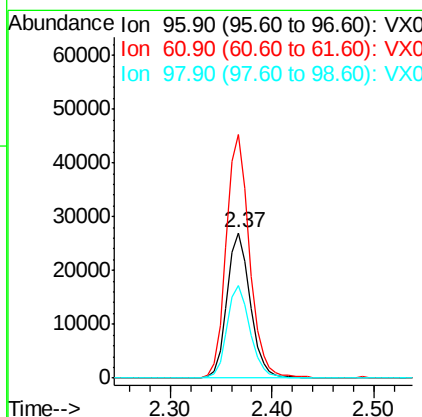
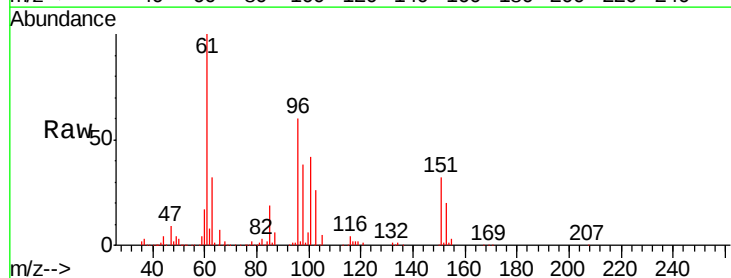
Manual Integrations
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#12
1,1-Dichloroethene
Concen: 18.47 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX005114.D
Acq: 08 Oct 2018 09:20

Tgt Ion: 96 Resp: 42732
Ion Ratio Lower Upper
96 100
61 166.9 130.2 195.4
98 63.3 53.4 80.0





#13

Acrolein

Concen: 22.37 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Instrument :

MSVOA_X

ClientSampled :

VX1008WBS01

Tgt Ion: 56 Resp: 13577

Ion Ratio Lower Upper

56 100

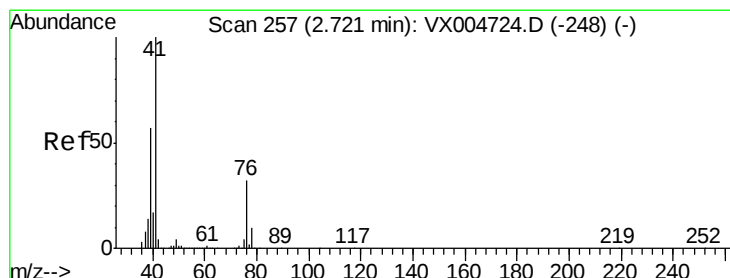
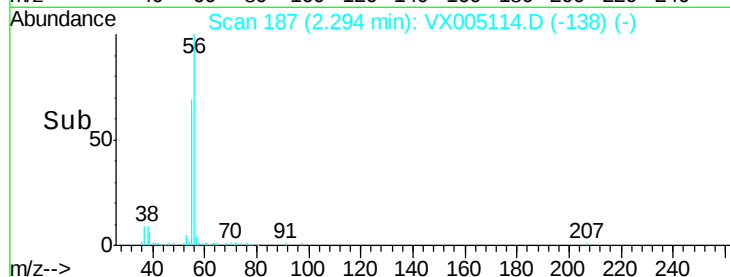
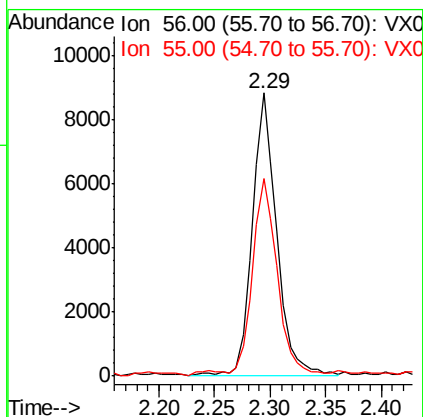
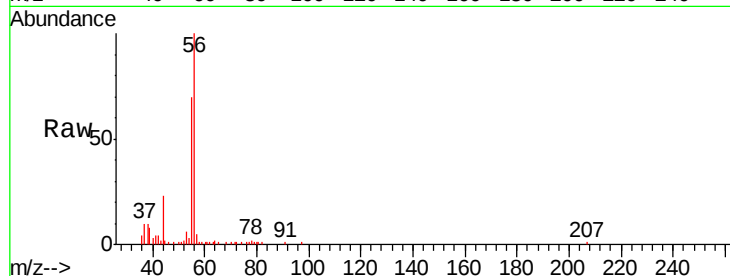
55 68.2 63.4 95.2

Manual Integrations

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#14

Allyl chloride

Concen: 19.13 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

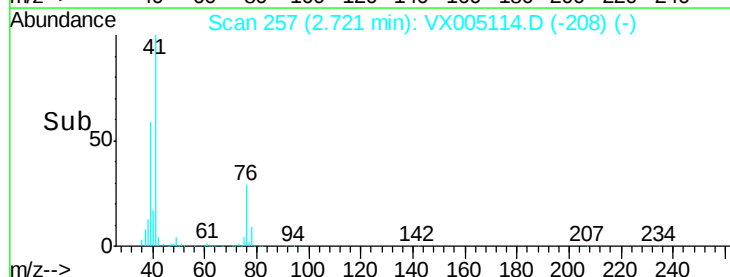
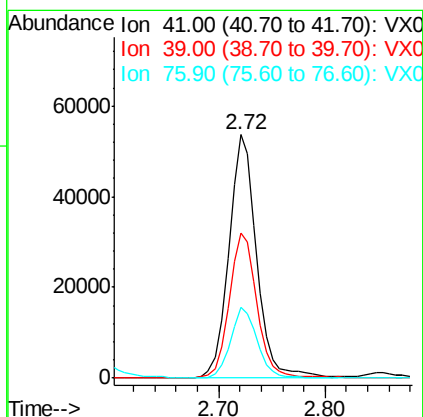
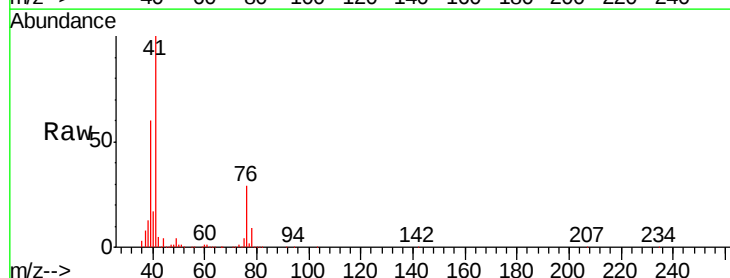
Tgt Ion: 41 Resp: 96584

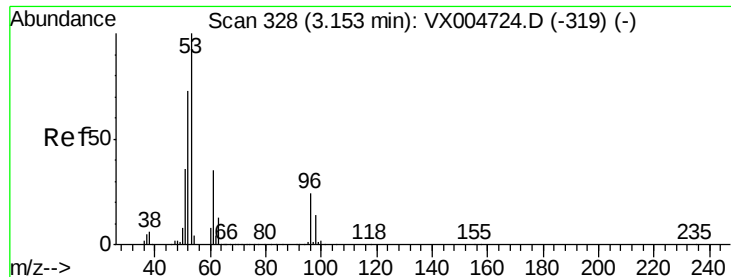
Ion Ratio Lower Upper

41 100

39 59.9 44.1 66.1

76 28.0 25.0 37.4





#15

Acrylonitrile

Concen: 95.05 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Instrument :

MSVOA_X

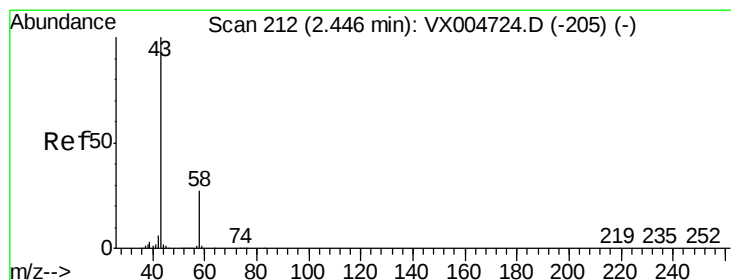
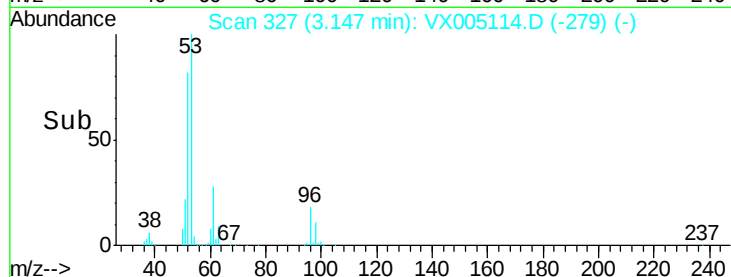
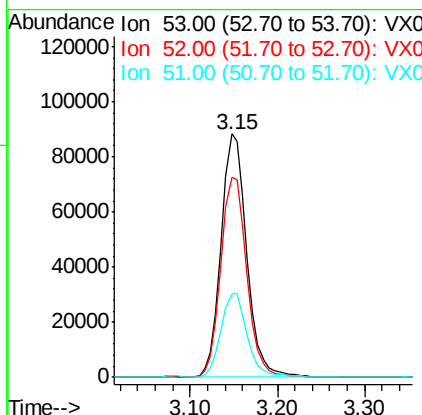
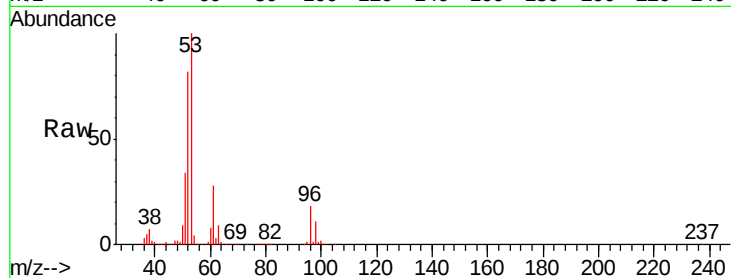
ClientSampleId :

VX1008WBS01

Tgt Ion:	53	Resp:	178465
Ion Ratio		Lower	Upper
53	100		
52	83.7	63.0	94.4
51	35.7	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 90.72 ug/l

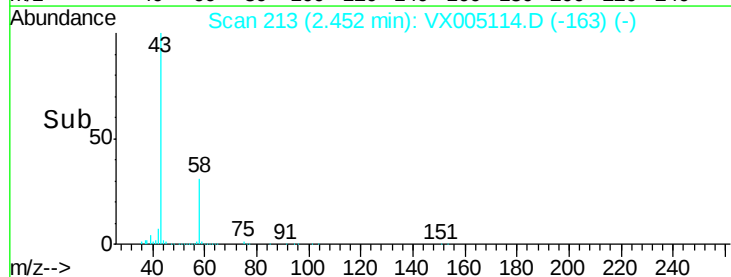
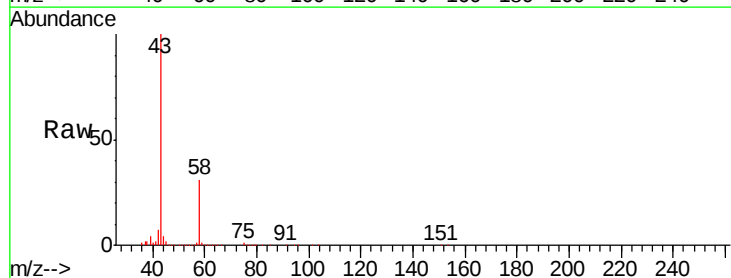
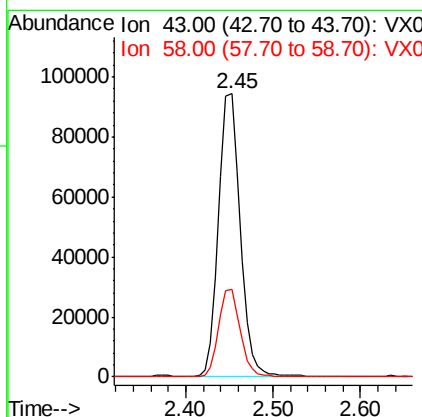
RT: 2.45 min Scan# 213

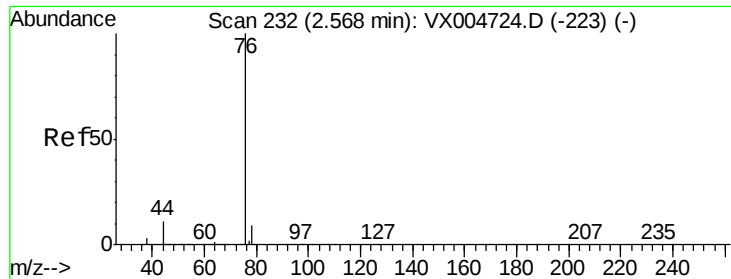
Delta R.T. 0.01 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Tgt Ion:	43	Resp:	161564
Ion Ratio		Lower	Upper
43	100		
58	30.9	21.8	32.6





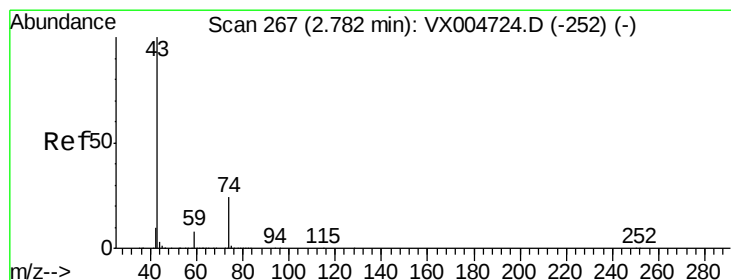
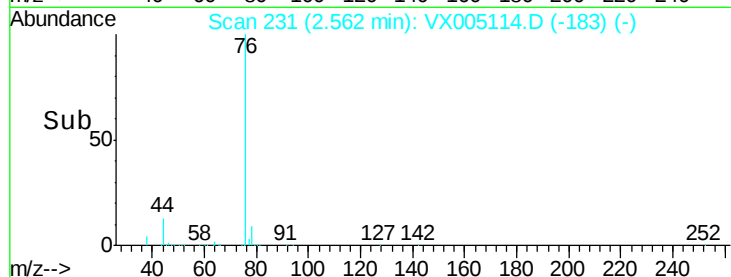
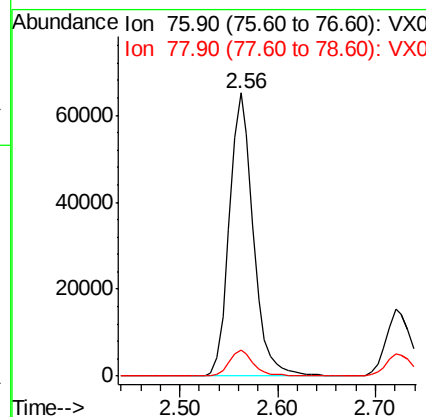
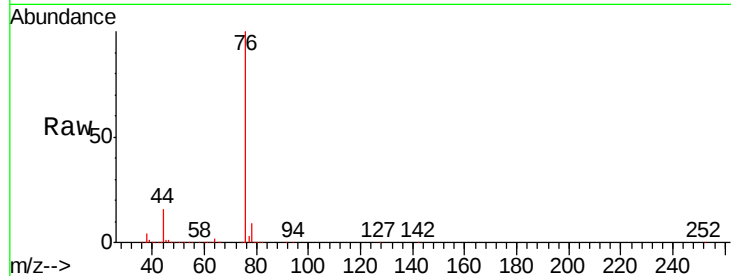
#17
Carbon Disulfide
Concen: 15.93 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX005114.D
Acq: 08 Oct 2018 09:20

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.0	10.6

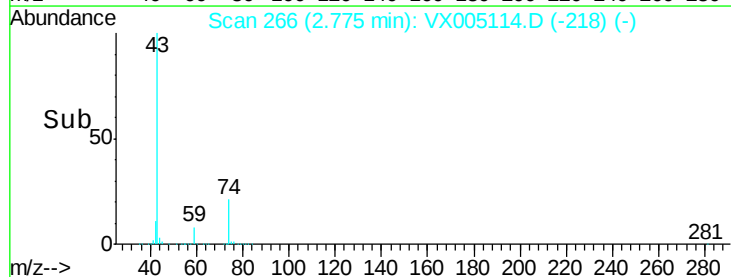
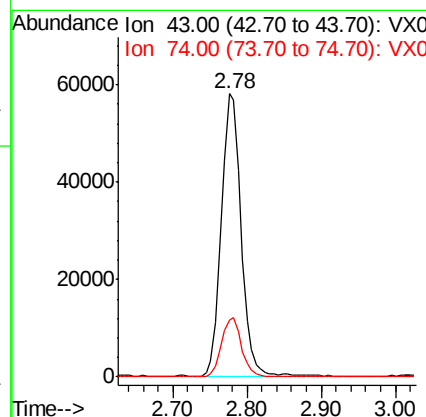
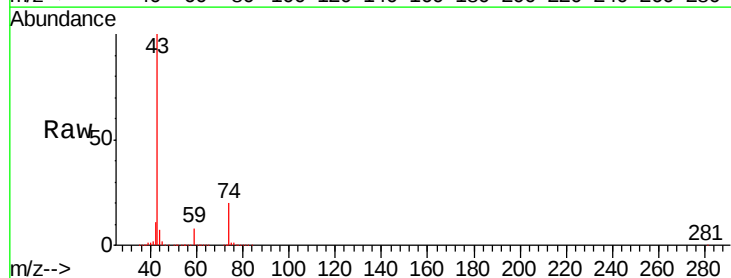
Manual Integrations
APPROVED

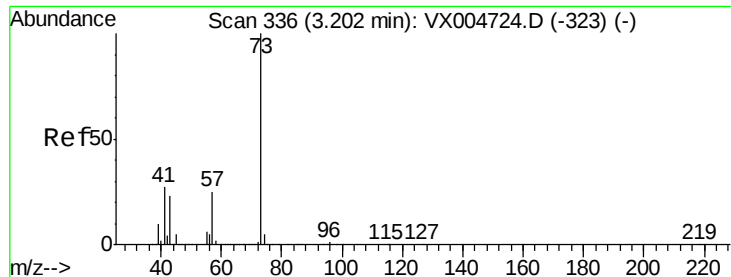
MMDadoda
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#18
Methyl Acetate
Concen: 23.56 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005114.D
Acq: 08 Oct 2018 09:20

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.6	17.8	26.8





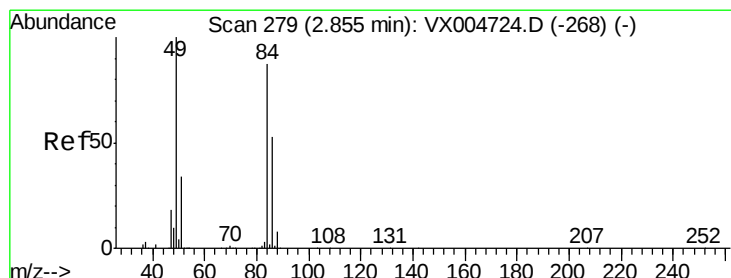
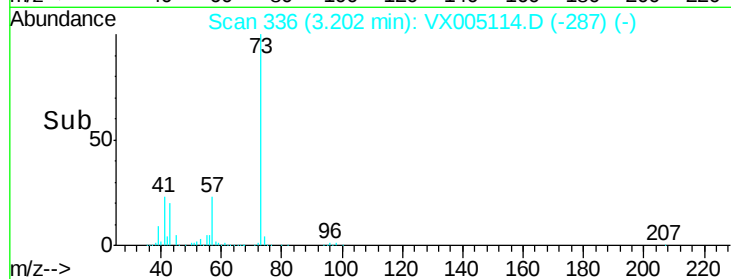
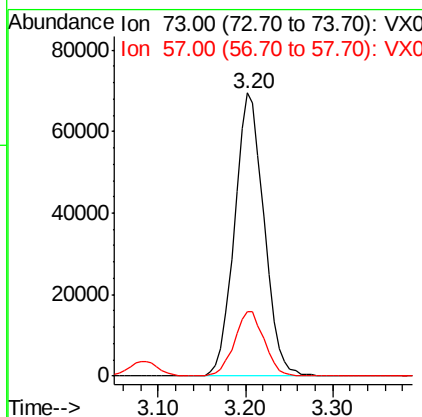
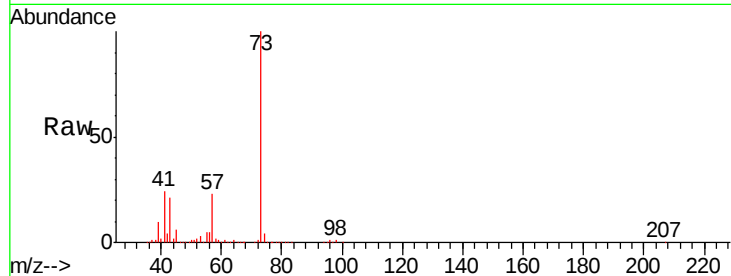
#19
Methyl tert-butyl Ether
Concen: 20.34 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005114.D
Acq: 08 Oct 2018 09:20

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS01

Tgt Ion	Ratio	Lower	Upper
73	100		
57	22.6	19.9	29.9

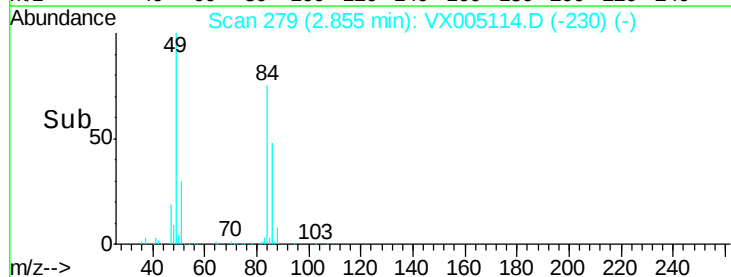
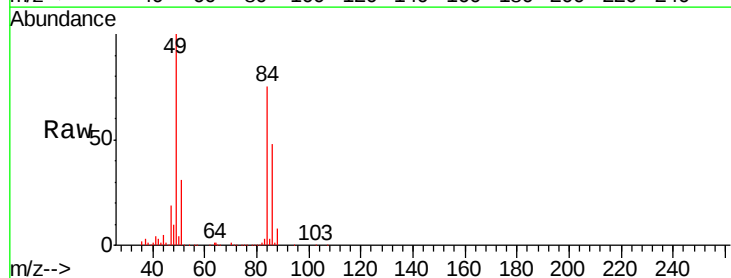
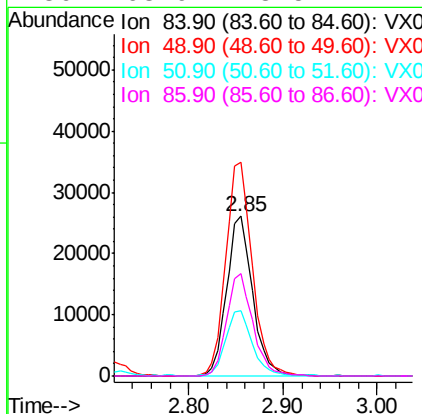
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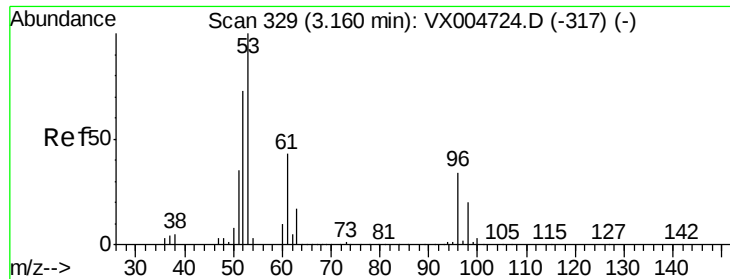
MMDadoda
10/9/2018 1:47:47 PM



#20
Methylene Chloride
Concen: 18.72 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005114.D
Acq: 08 Oct 2018 09:20

Tgt Ion	Ratio	Lower	Upper
84	100		
49	133.8	92.3	138.5
51	40.9	31.8	47.6
86	63.9	48.5	72.7





#21

trans-1,2-Dichloroethene

Concen: 18.13 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS01

Tgt Ion: 96 Resp: 45920

Ion Ratio Lower Upper

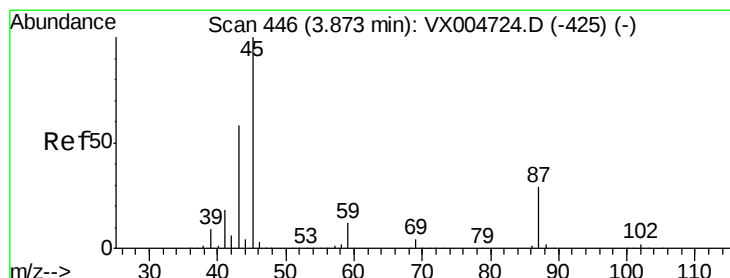
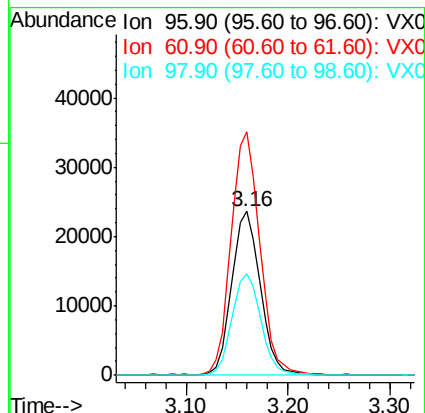
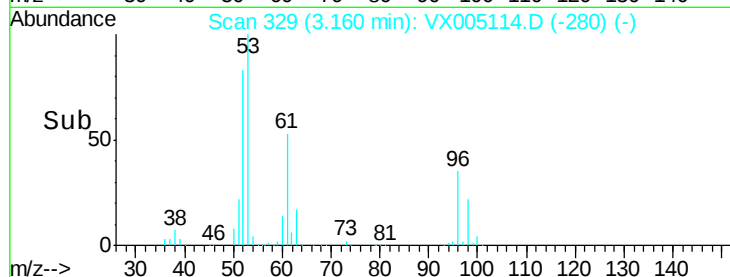
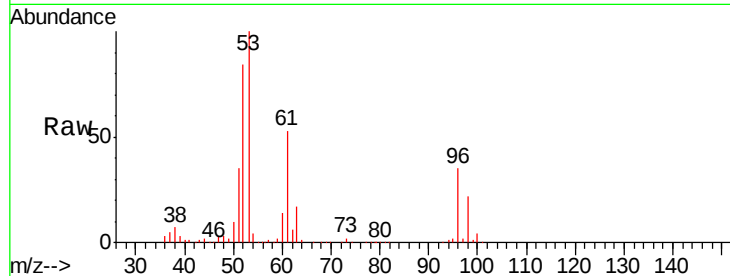
96 100

61 148.2 101.0 151.6

98 62.4 47.2 70.8

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#22

Diisopropyl ether

Concen: 19.04 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Tgt Ion: 45 Resp: 161823

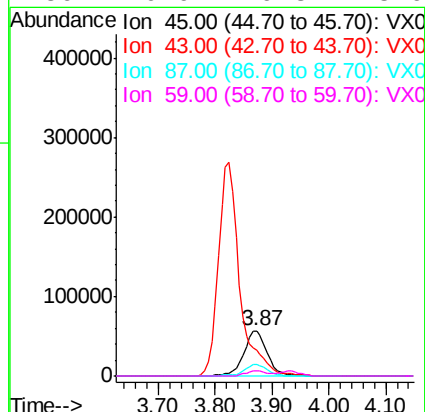
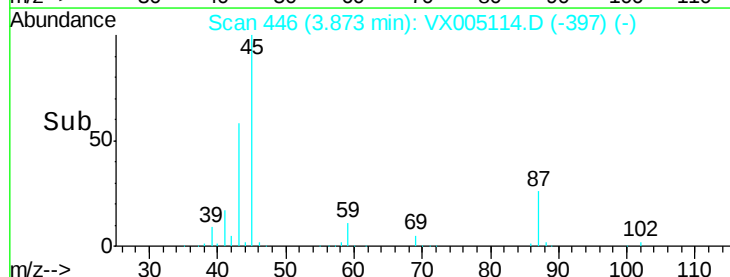
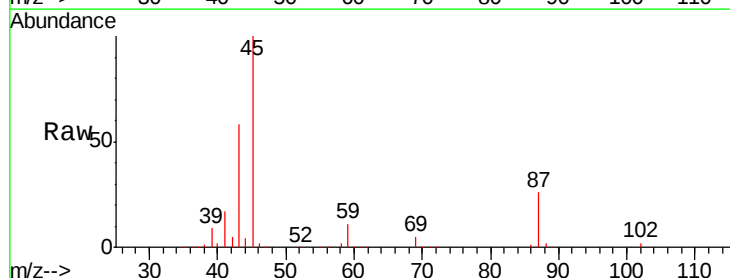
Ion Ratio Lower Upper

45 100

43 57.9 46.7 70.1

87 25.7 22.9 34.3

59 10.9 9.3 13.9





#23

Vinyl Acetate

Concen: 90.26 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS01

Tgt Ion: 43 Resp: 702371

Ion Ratio Lower Upper

43 100

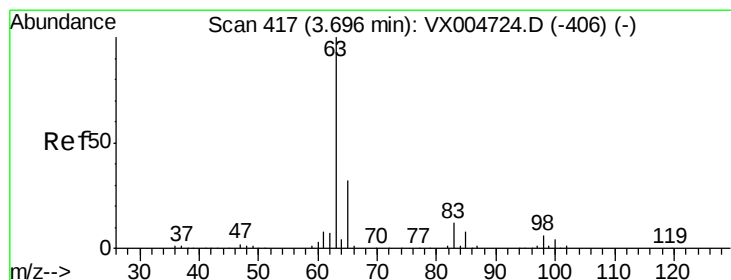
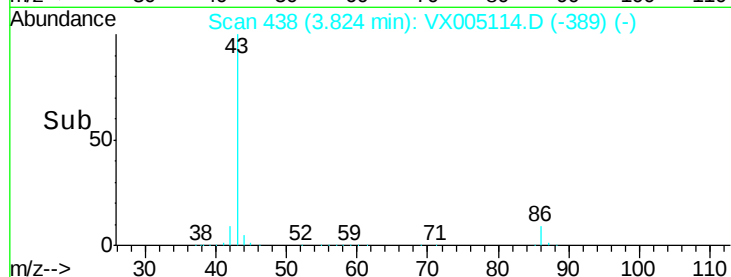
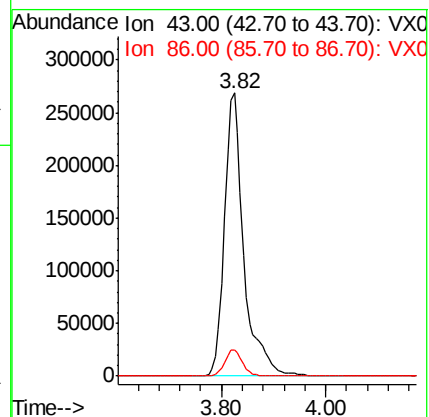
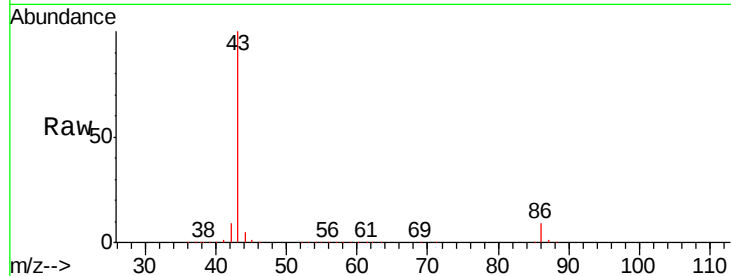
86 9.3 8.1 12.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.68 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

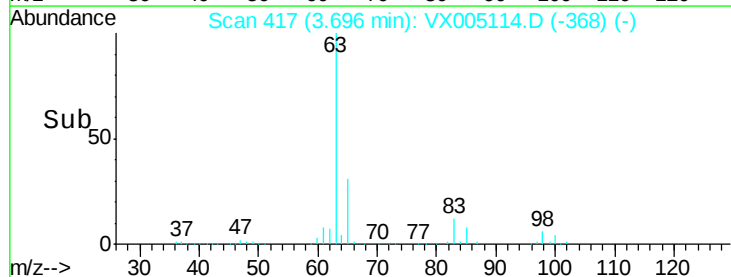
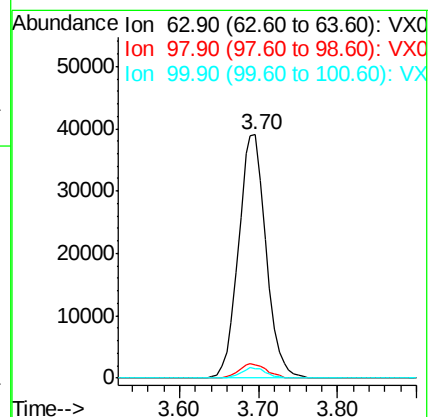
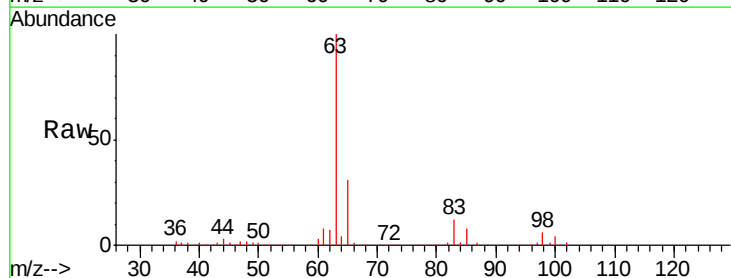
Tgt Ion: 63 Resp: 94723

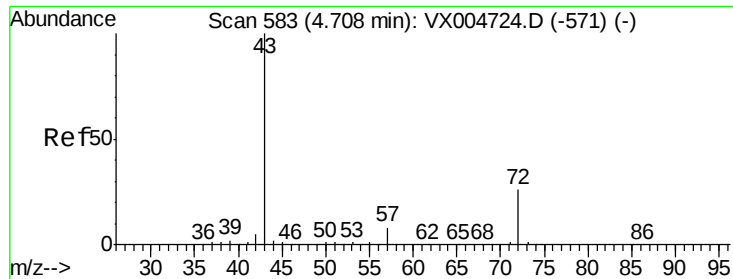
Ion Ratio Lower Upper

63 100

98 5.6 3.0 9.2

100 4.1 2.0 5.8





#25

2-Butanone

Concen: 89.89 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS01

Tgt Ion: 43 Resp: 235947

Ion Ratio Lower Upper

43 100

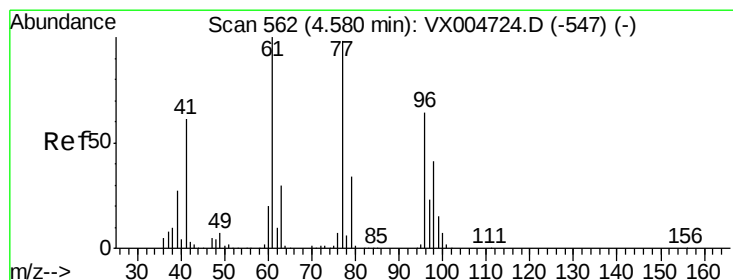
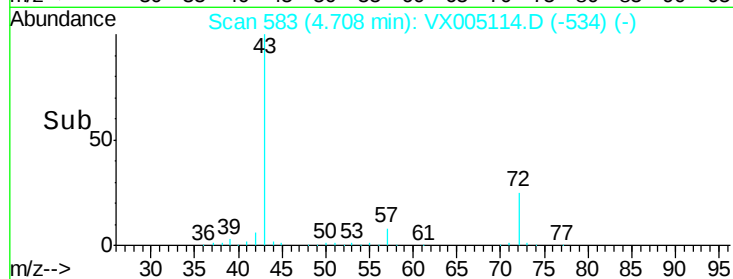
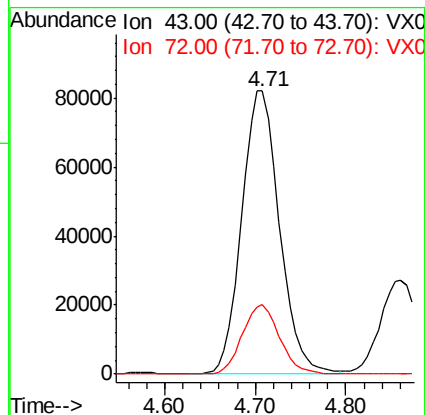
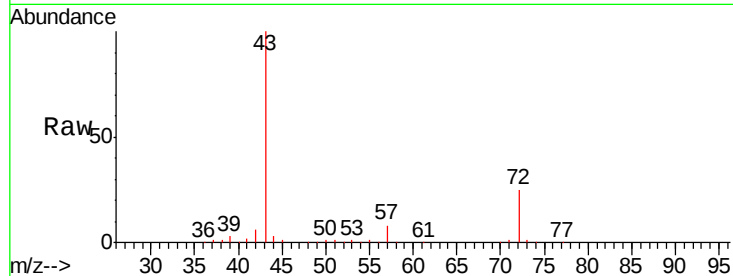
72 24.8 20.8 31.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.62 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005114.D

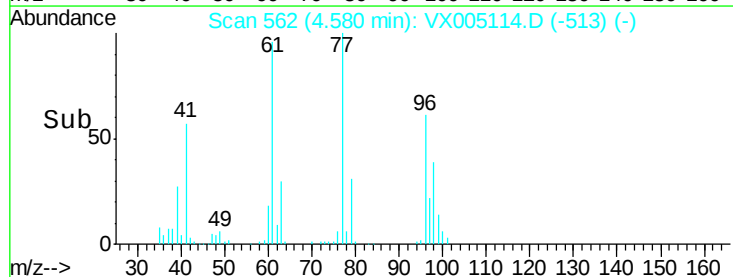
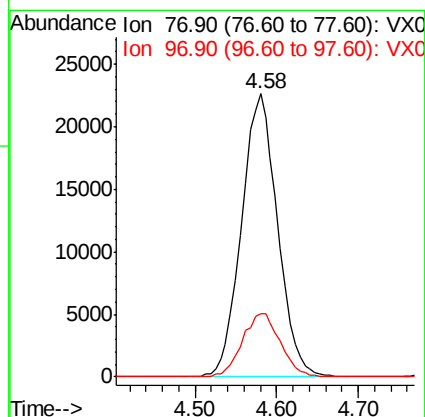
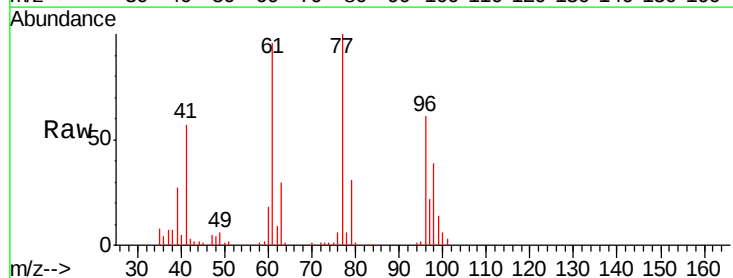
Acq: 08 Oct 2018 09:20

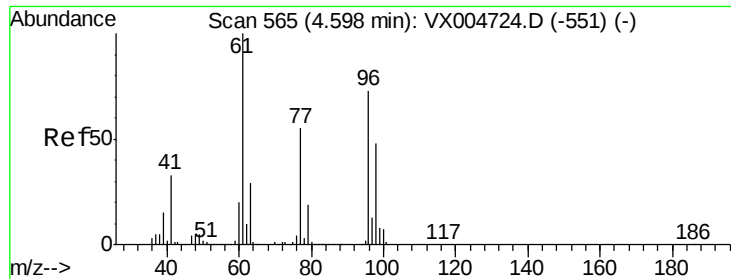
Tgt Ion: 77 Resp: 69295

Ion Ratio Lower Upper

77 100

97 23.5 12.6 37.8





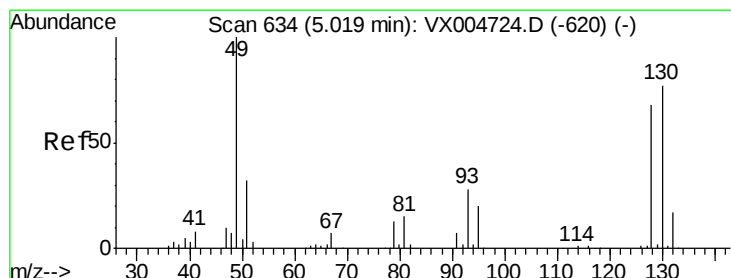
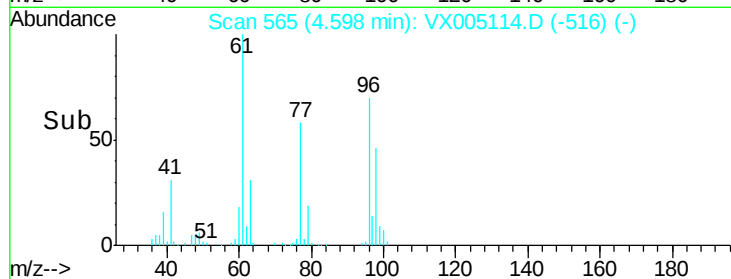
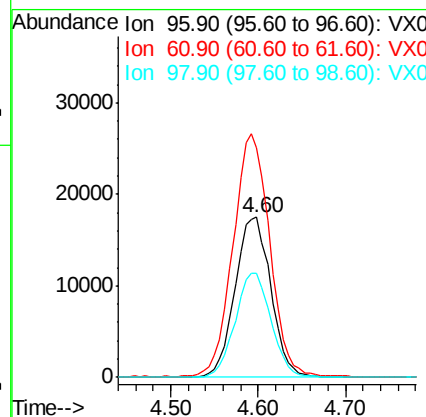
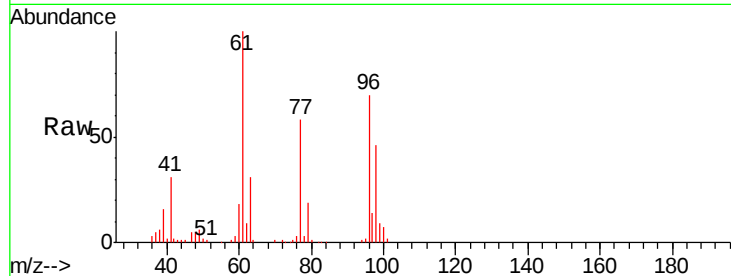
#27
 cis-1,2-Dichloroethene
 Concen: 17.63 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX005114.D
 Acq: 08 Oct 2018 09:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	49881		
61	154.2	0.0	285.8	
98	65.3	0.0	136.2	

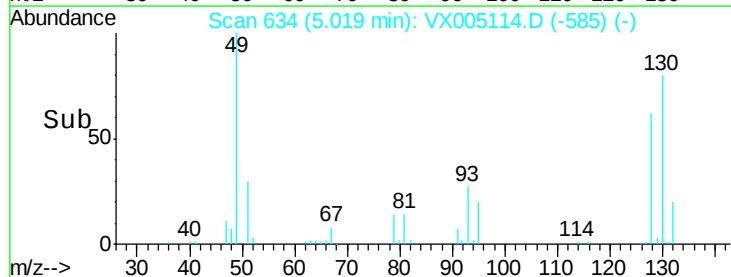
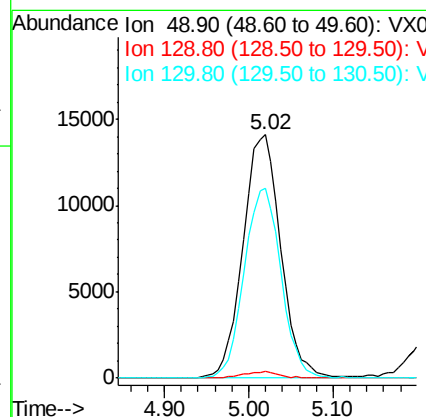
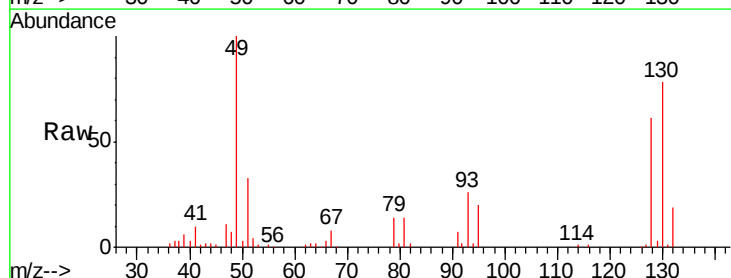
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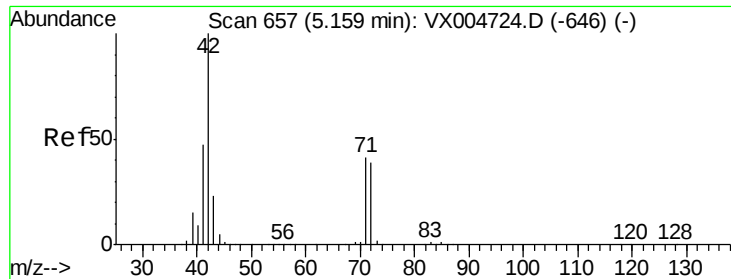
MMDadoda
 10/9/2018 1:47:47 PM



#28
 Bromochloromethane
 Concen: 17.94 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX005114.D
 Acq: 08 Oct 2018 09:20

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	42844		
129	2.4	0.0	4.2	
130	76.0	62.0	93.0	





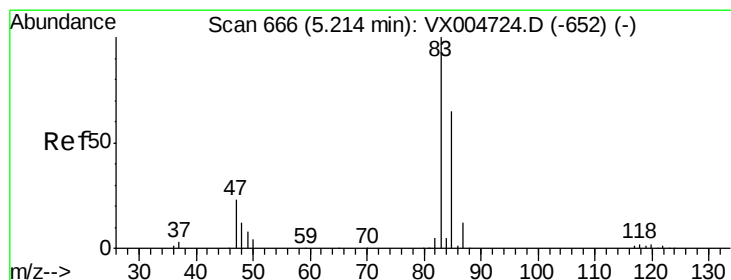
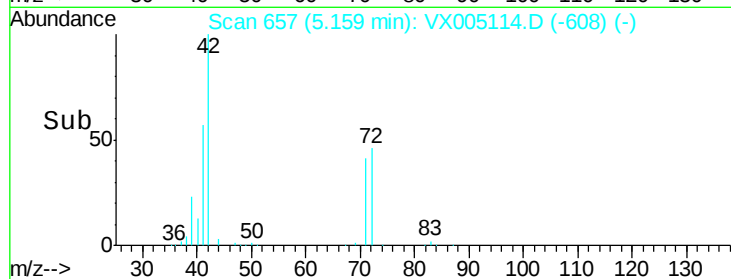
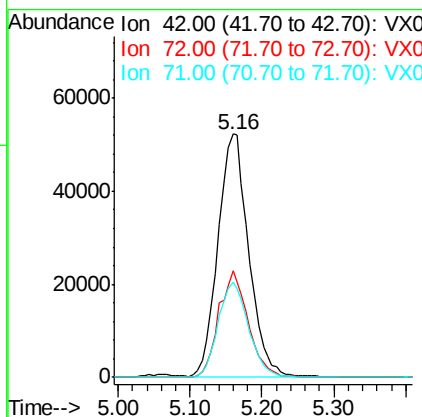
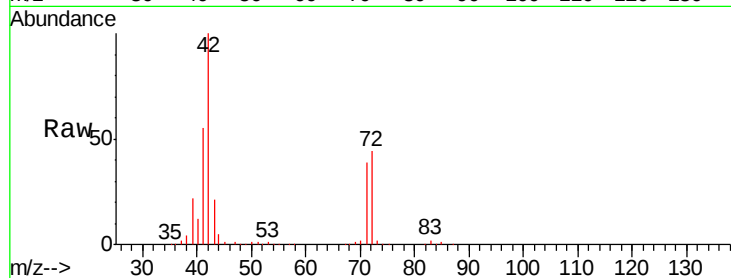
#29
Tetrahydrofuran
Concen: 94.56 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX005114.D
Acq: 08 Oct 2018 09:20

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	42.2	33.7	50.5
71	39.2	32.2	48.4

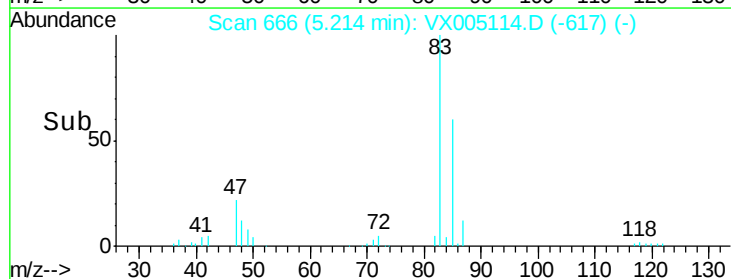
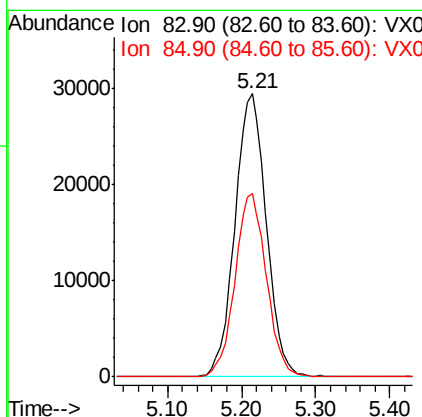
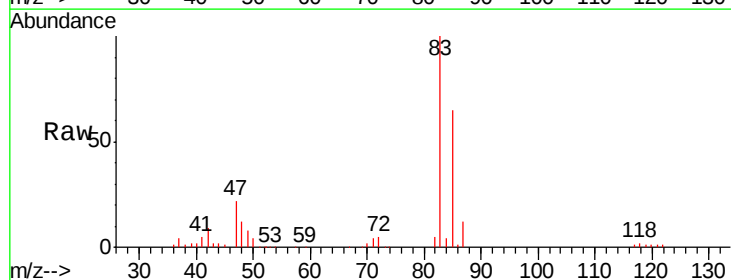
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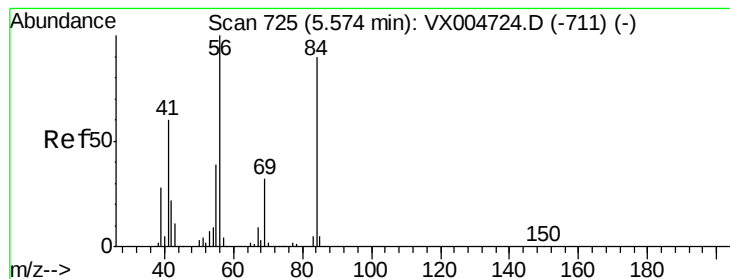
MMDadoda
10/9/2018 1:47:47 PM



#30
Chloroform
Concen: 18.18 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005114.D
Acq: 08 Oct 2018 09:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.4	78.6





#31

Cyclohexane

Concen: 18.73 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Instrument :

MSVOA_X

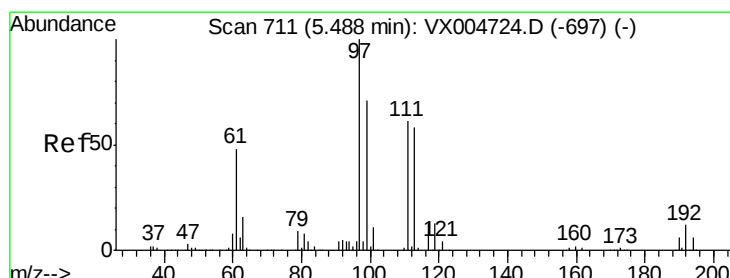
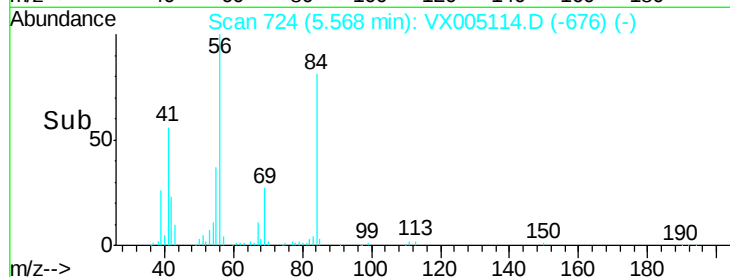
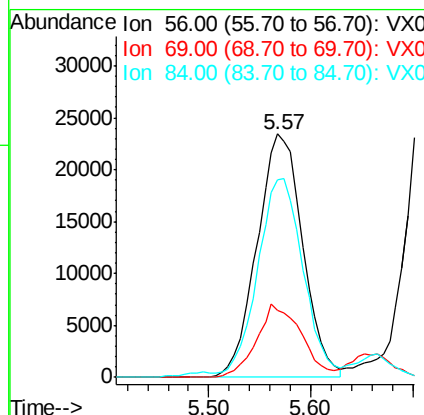
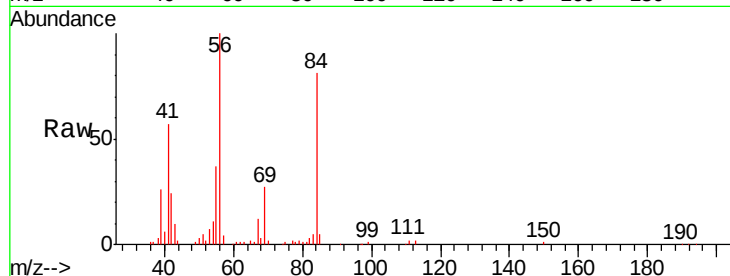
ClientSampleId :

VX1008WBS01

Tgt Ion:	56	Resp:	72704
Ion	Ratio	Lower	Upper
56	100		
69	27.3	25.9	38.9
84	79.8	71.9	107.9

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#32

1,1,1-Trichloroethane

Concen: 18.74 ug/l

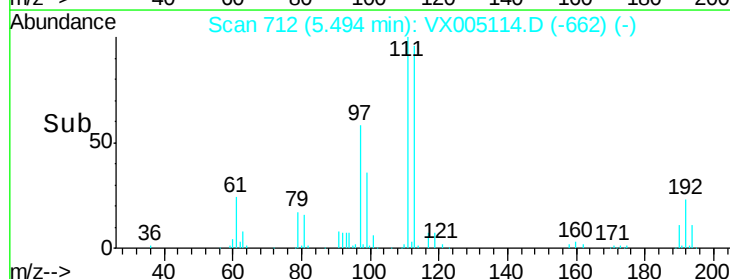
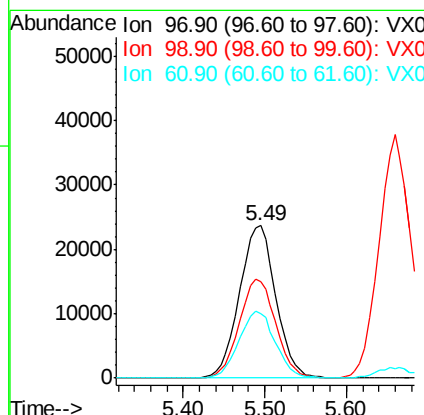
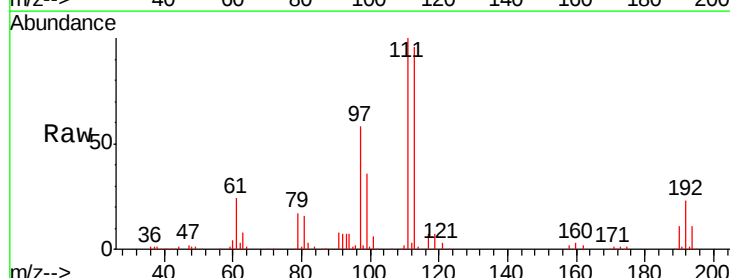
RT: 5.49 min Scan# 712

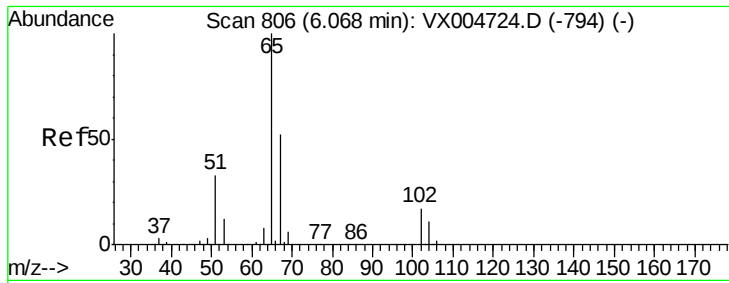
Delta R.T. 0.01 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Tgt Ion:	97	Resp:	73333
Ion	Ratio	Lower	Upper
97	100		
99	65.1	54.6	82.0
61	44.1	37.5	56.3





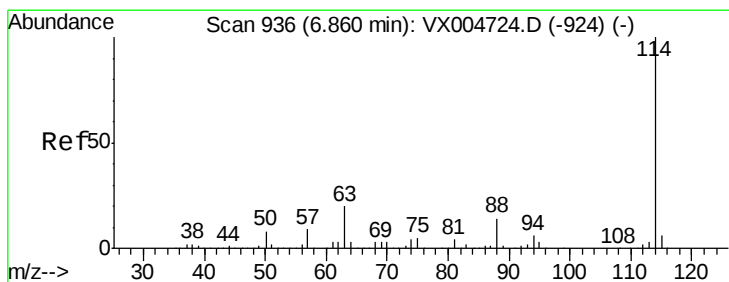
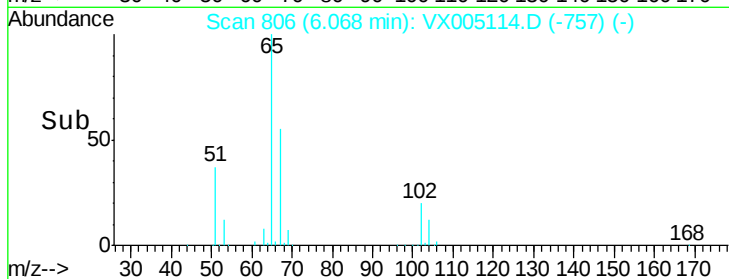
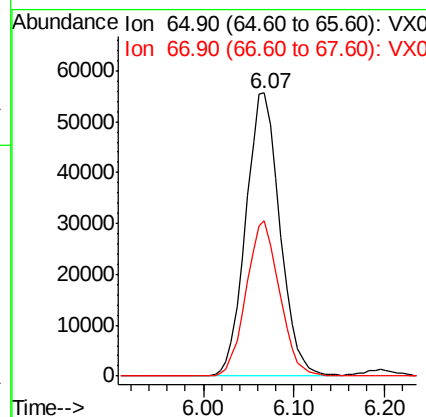
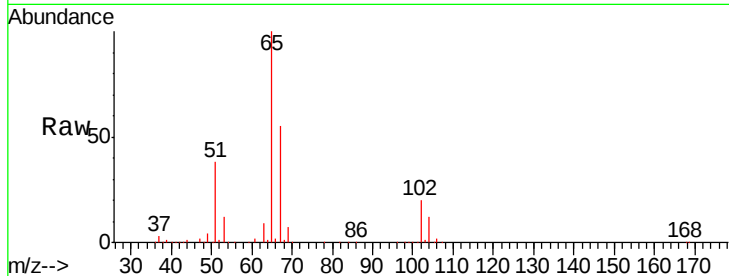
#33
 1,2-Dichloroethane-d4
 Concen: 47.58 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005114.D
 Acq: 08 Oct 2018 09:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	145119		
67	53.6	0.0	107.4	

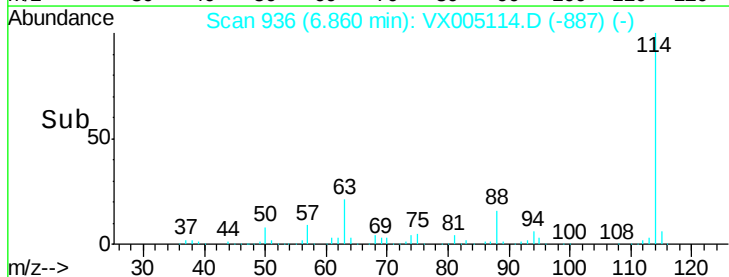
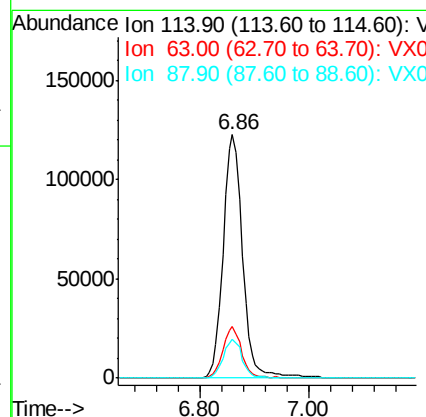
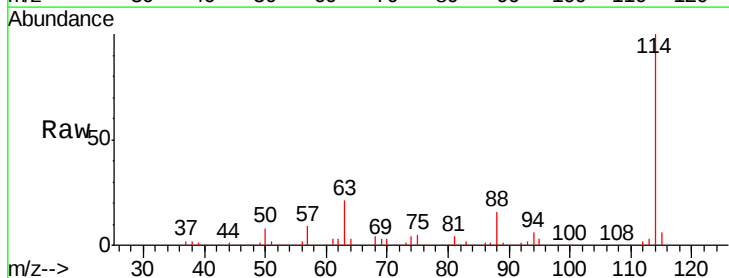
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005114.D
 Acq: 08 Oct 2018 09:20

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	305605		
63	21.1	0.0	39.8	
88	15.9	0.0	27.0	





#35

Dibromofluoromethane

Concen: 45.95 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Instrument :

MSVOA_X

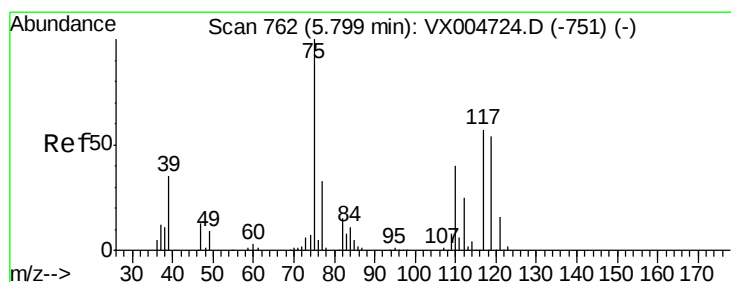
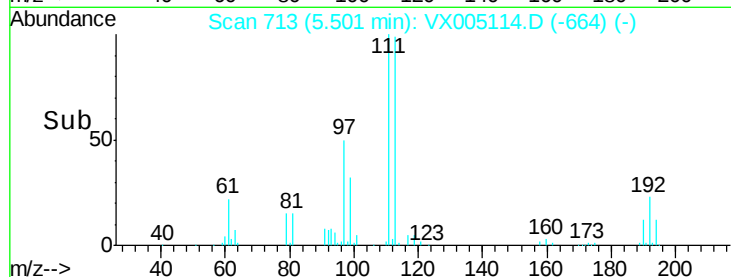
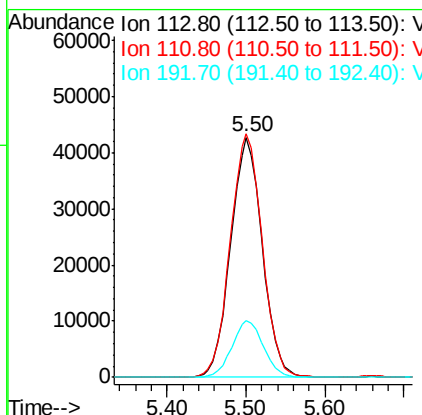
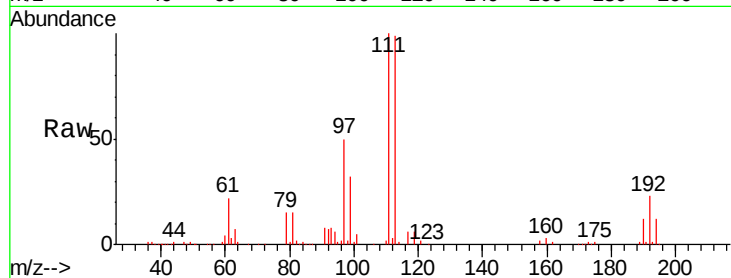
ClientSampleId :

VX1008WBS01

Tgt Ion:	113	Resp:	119022
Ion Ratio	Lower	Upper	
113	100		
111	102.8	77.0	115.4
192	23.5	17.0	25.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 17.29 ug/l

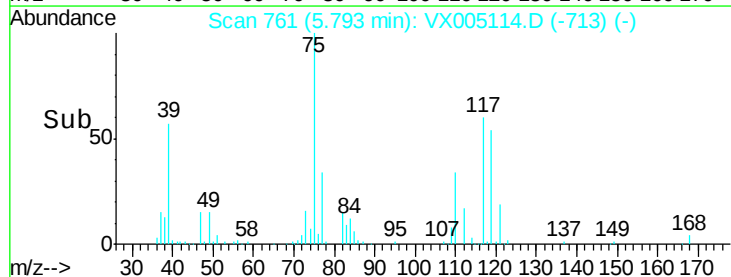
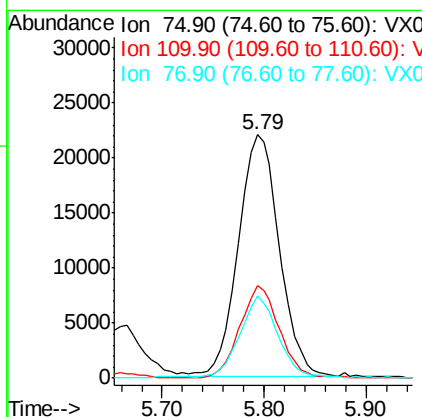
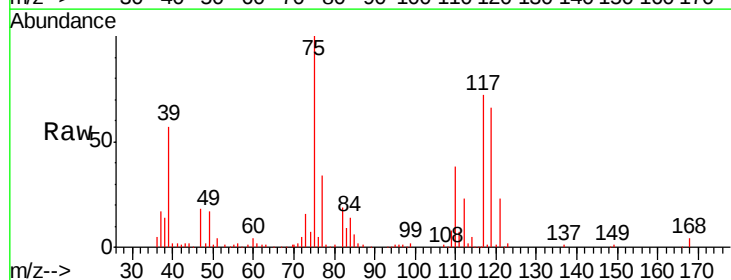
RT: 5.79 min Scan# 761

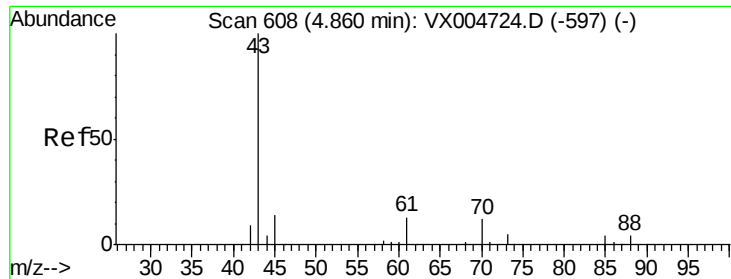
Delta R.T. -0.01 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Tgt Ion:	75	Resp:	61084
Ion Ratio	Lower	Upper	
75	100		
110	37.2	20.0	59.9
77	31.4	27.1	40.7





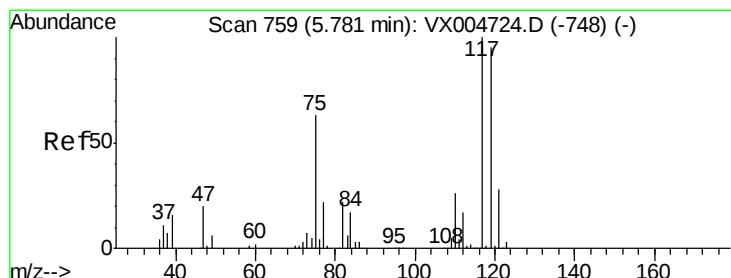
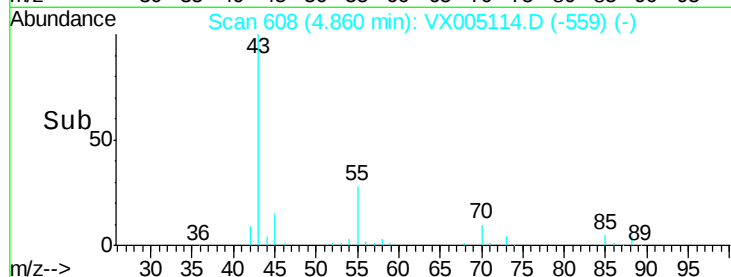
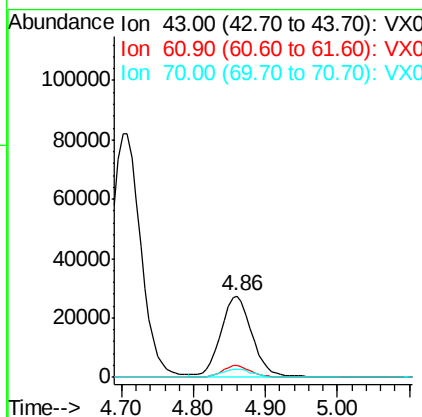
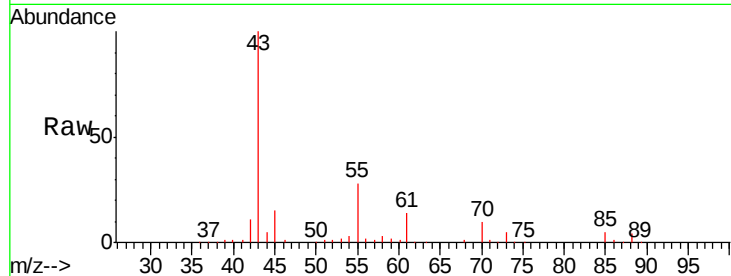
#37
Ethyl Acetate
Concen: 17.44 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX005114.D
Acq: 08 Oct 2018 09:20

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.4	15.6
70	10.3	8.7	13.1

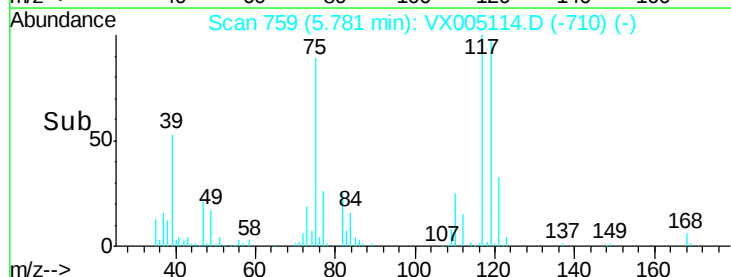
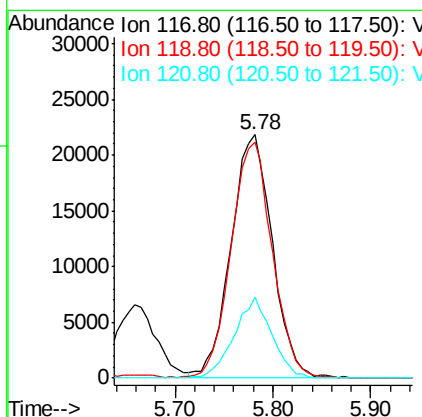
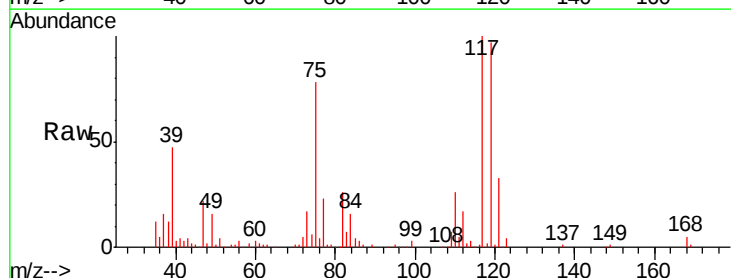
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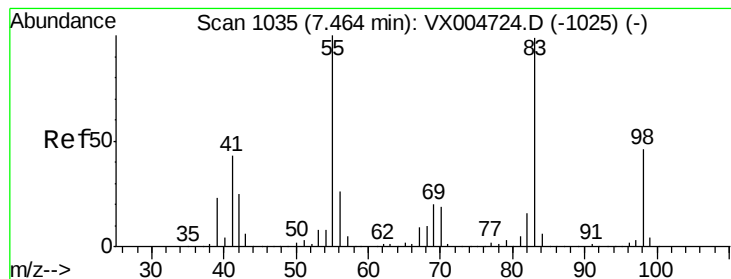
MMDadoda
10/9/2018 1:47:47 PM



#38
Carbon Tetrachloride
Concen: 17.07 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX005114.D
Acq: 08 Oct 2018 09:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.2	112.8
121	33.5	22.5	33.7





#39

Methylcyclohexane

Concen: 19.24 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Instrument :

MSVOA_X

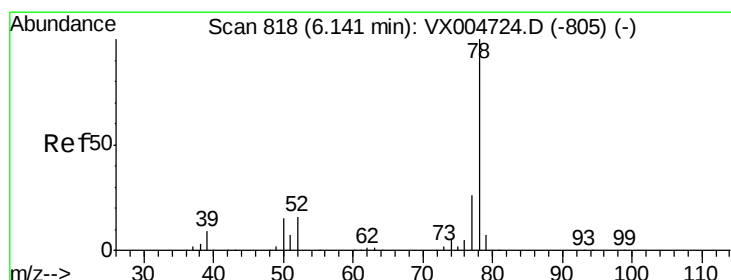
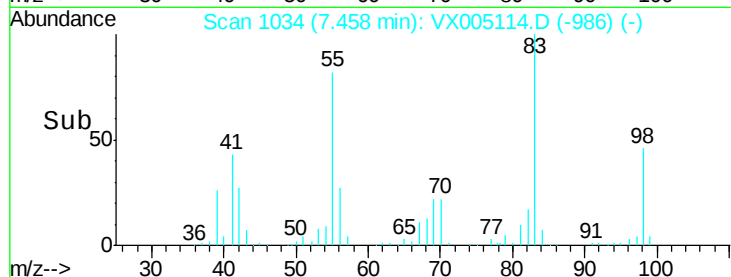
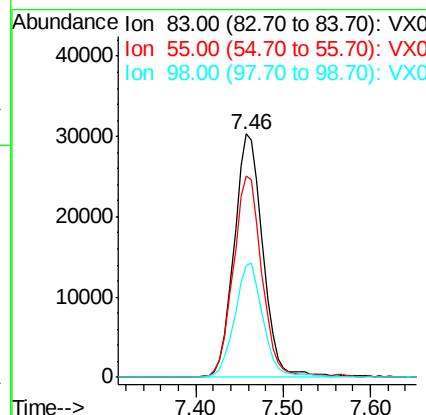
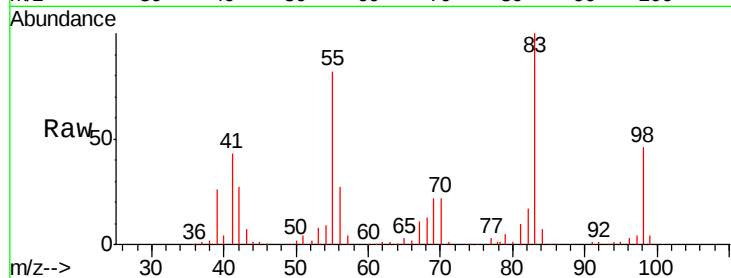
ClientSampleId :

VX1008WBS01

Tgt Ion:	83	Resp:	69437
Ion	Ratio	Lower	Upper
83	100		
55	82.3	81.1	121.7
98	45.9	37.3	55.9

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#40

Benzene

Concen: 17.47 ug/l

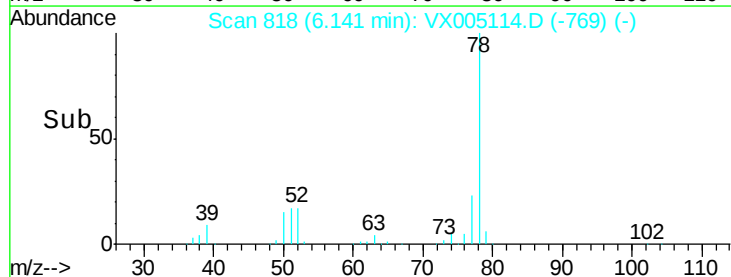
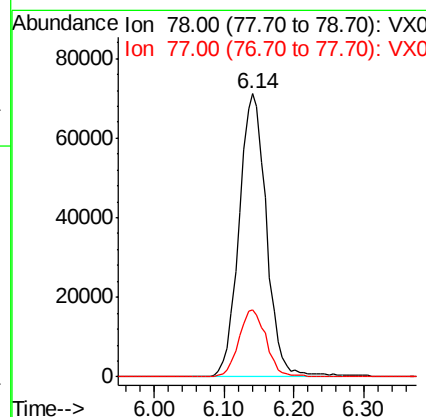
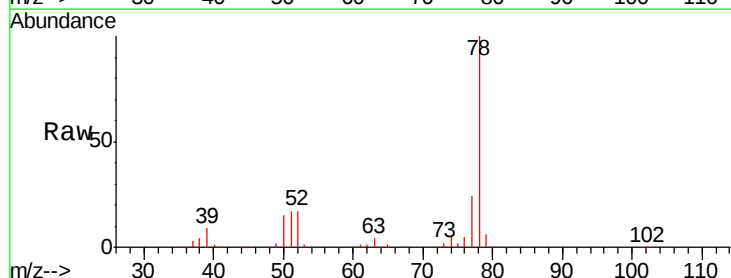
RT: 6.14 min Scan# 818

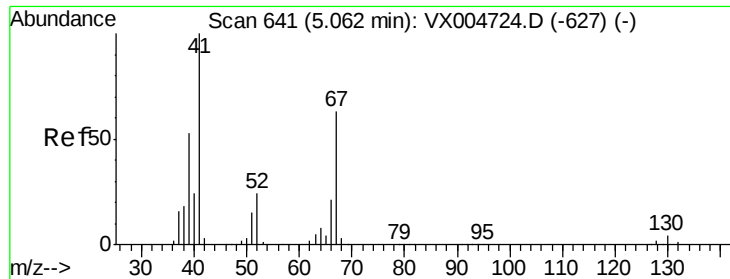
Delta R.T. -0.00 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Tgt Ion:	78	Resp:	193328
Ion	Ratio	Lower	Upper
78	100		
77	23.6	21.0	31.4





#41

Methacrylonitrile

Concen: 17.93 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Instrument :

MSVOA_X

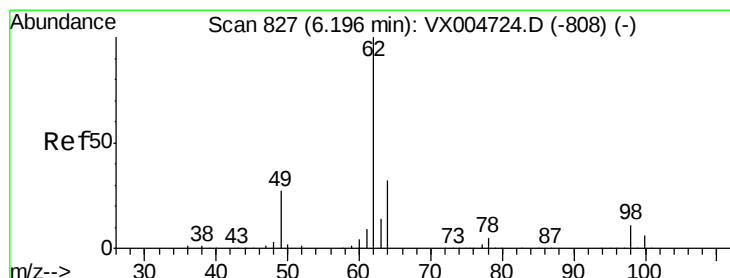
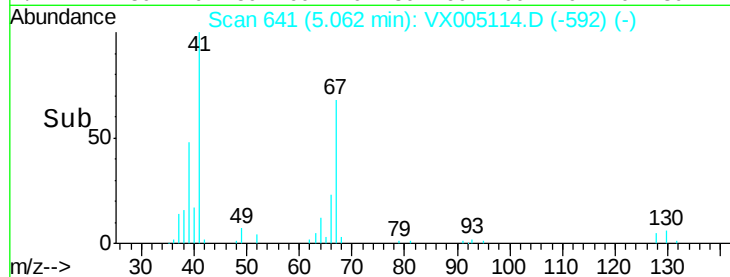
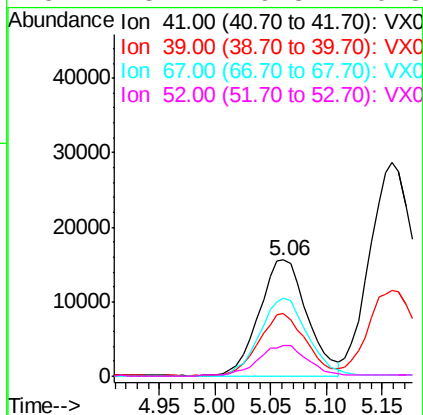
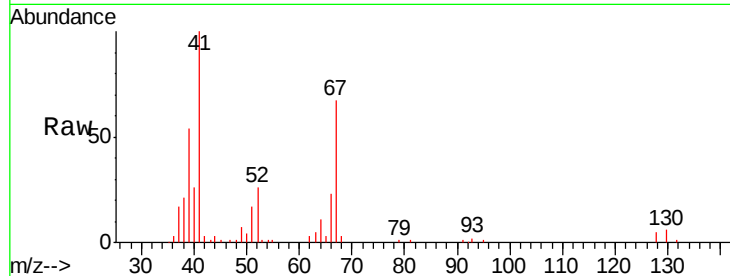
ClientSampled :

VX1008WBS01

Tgt Ion:	41	Resp:	46631
Ion Ratio	Lower	Upper	
41	100		
39	52.7	42.5	63.7
67	67.7	53.0	79.6
52	28.1	19.8	29.8

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#42

1,2-Dichloroethane

Concen: 17.75 ug/l

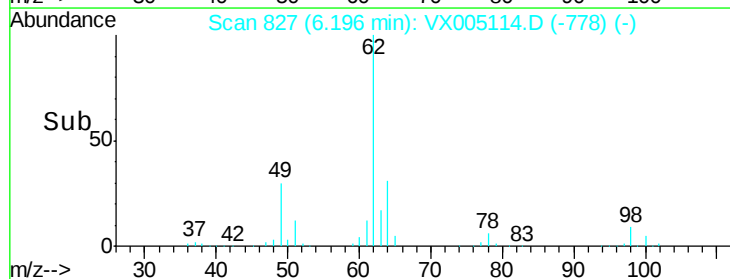
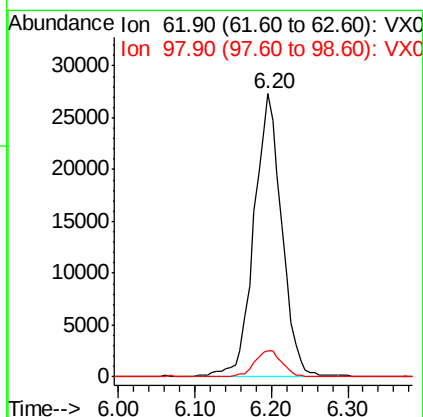
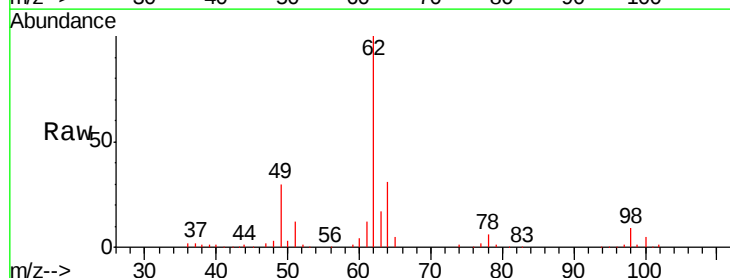
RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Tgt Ion:	62	Resp:	69406
Ion Ratio	Lower	Upper	
62	100		
98	9.4	0.0	20.2





#43

Isopropyl Acetate

Concen: 17.96 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Instrument :

MSVOA_X

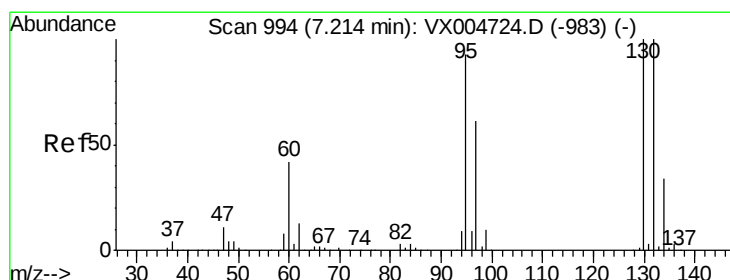
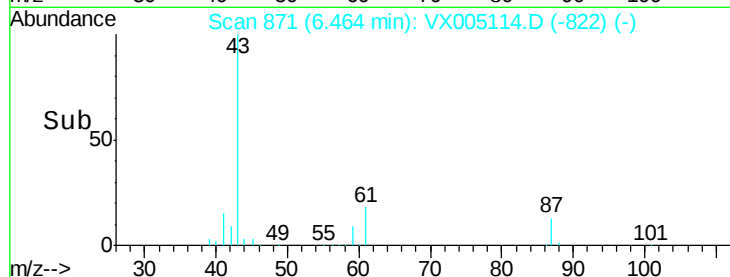
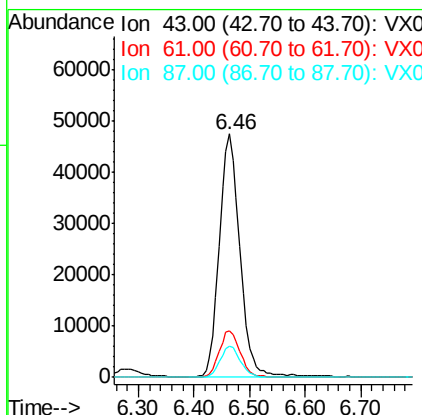
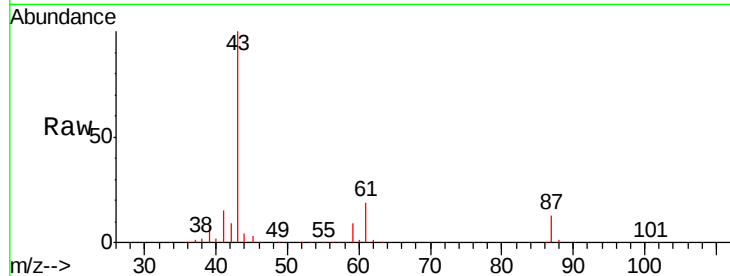
ClientSampleId :

VX1008WBS01

Tgt Ion:	43	Resp:	121627
Ion	Ratio	Lower	Upper
43	100		
61	19.5	14.2	21.4
87	12.6	9.3	13.9

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#44

Trichloroethene

Concen: 19.24 ug/l

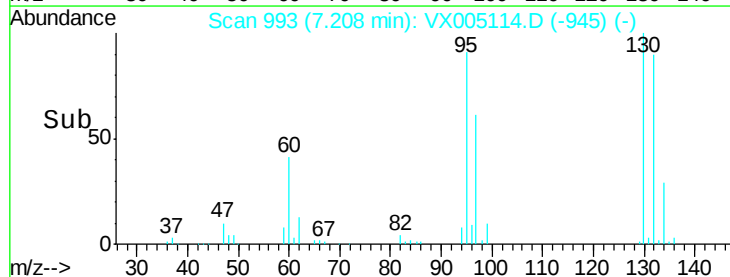
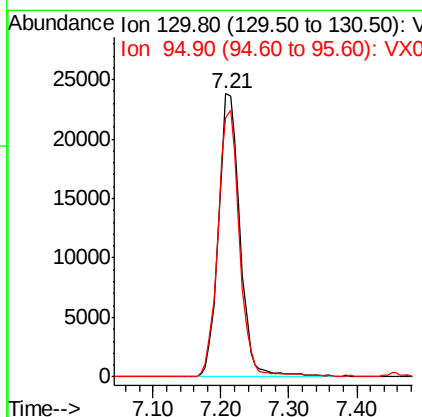
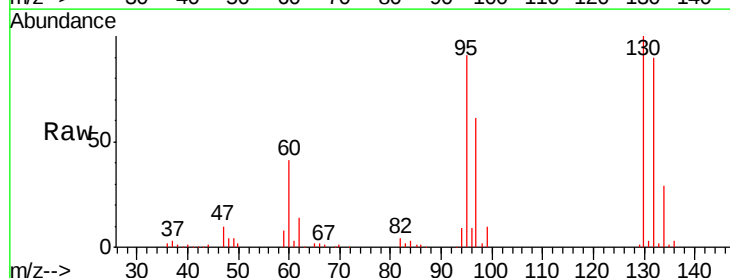
RT: 7.21 min Scan# 993

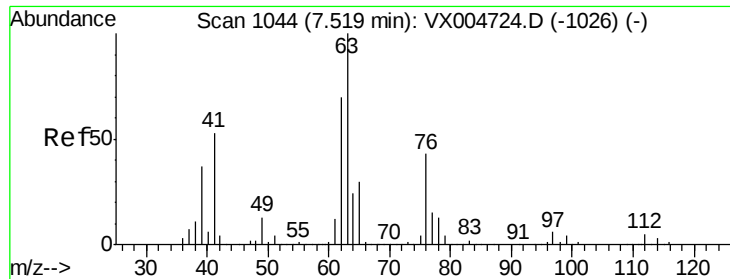
Delta R.T. -0.01 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Tgt Ion:	130	Resp:	52324
Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	186.8





#45

1,2-Dichloropropane

Concen: 19.40 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Instrument :

MSVOA_X

ClientSampled :

VX1008WBS01

Tgt Ion: 63 Resp: 52640

Ion Ratio Lower Upper

63 100

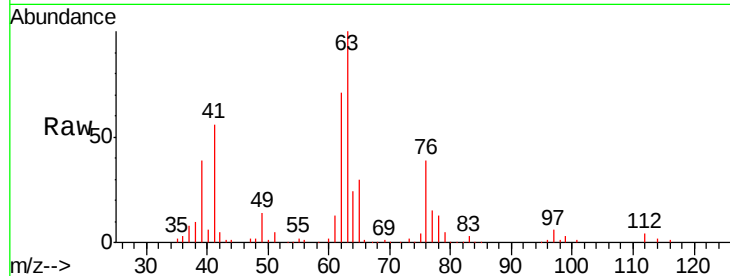
65 30.2 23.9 35.9

Manual Integrations

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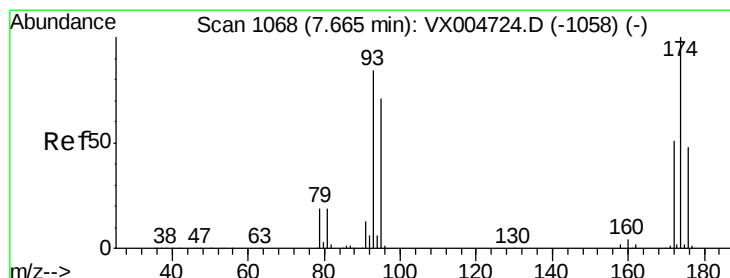
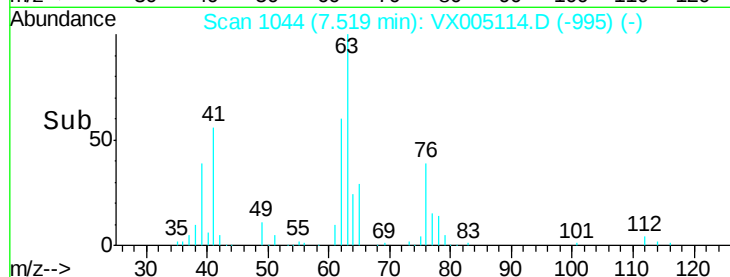
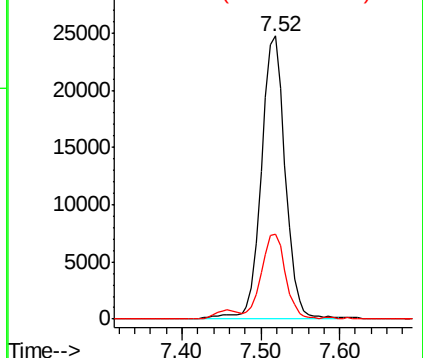
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.64 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

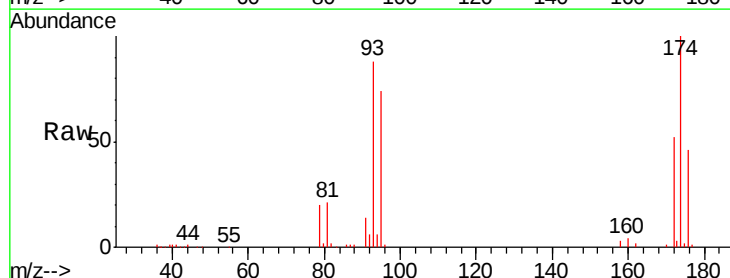
Tgt Ion: 93 Resp: 33486

Ion Ratio Lower Upper

93 100

95 83.0 66.7 100.1

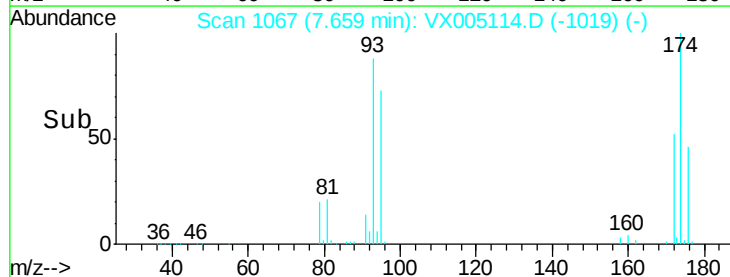
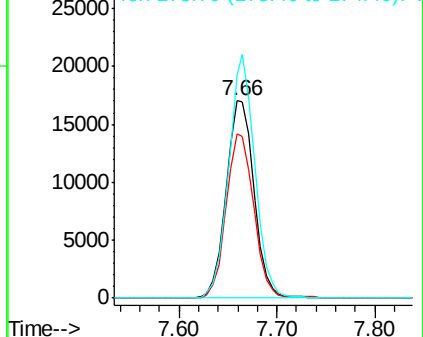
174 116.1 92.7 139.1

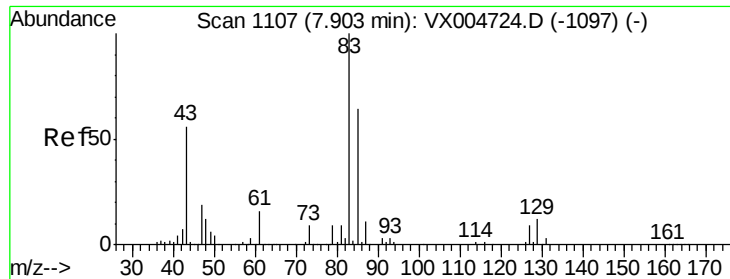


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.69 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Instrument :

MSVOA_X

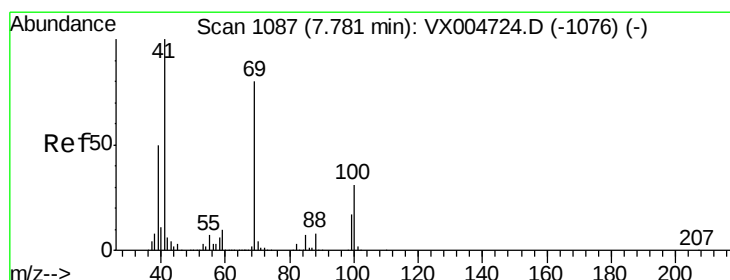
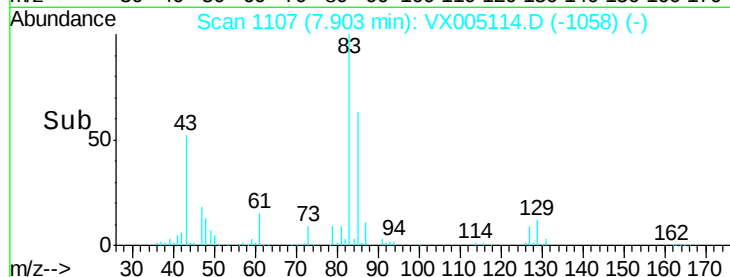
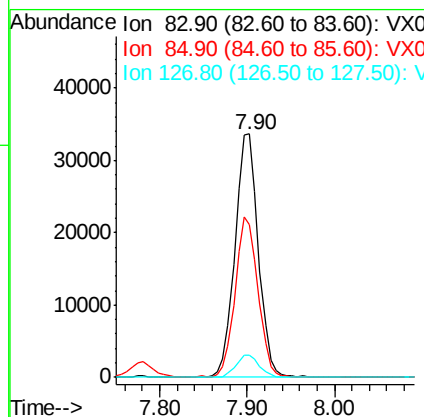
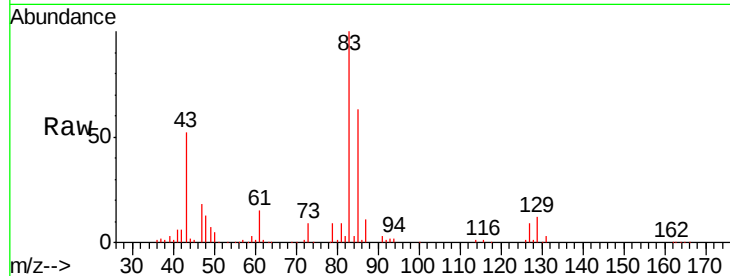
ClientSampleId :

VX1008WBS01

Tgt Ion:	83	Resp:	62853
Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.2	76.8
127	8.9	7.0	10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.40 ug/l

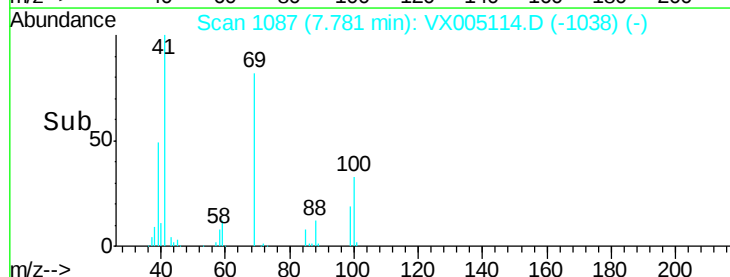
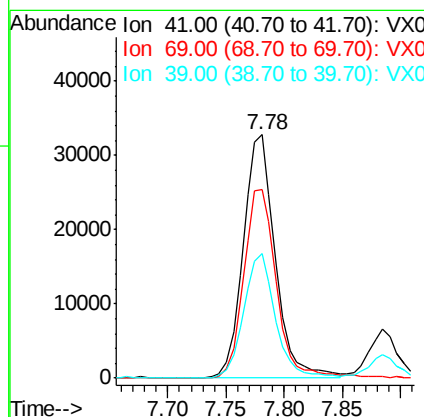
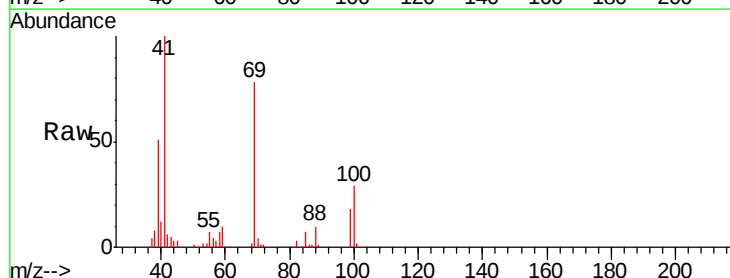
RT: 7.78 min Scan# 1087

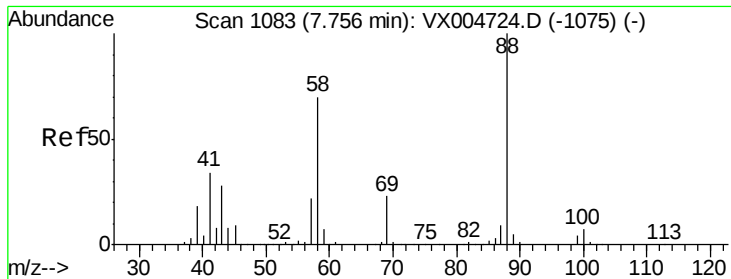
Delta R.T. -0.00 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Tgt Ion:	41	Resp:	62692
Ion	Ratio	Lower	Upper
41	100		
69	80.3	63.8	95.6
39	50.3	40.7	61.1





#49

1,4-Dioxane

Concen: 393.19 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. -0.00 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Instrument :

MSVOA_X

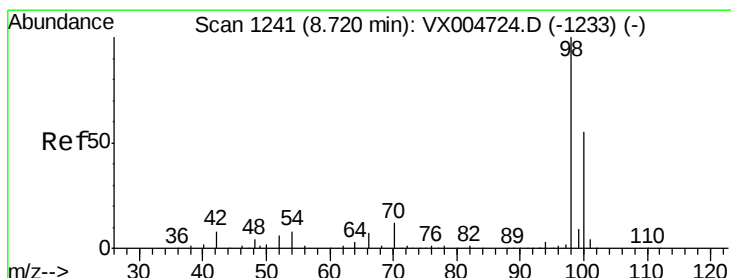
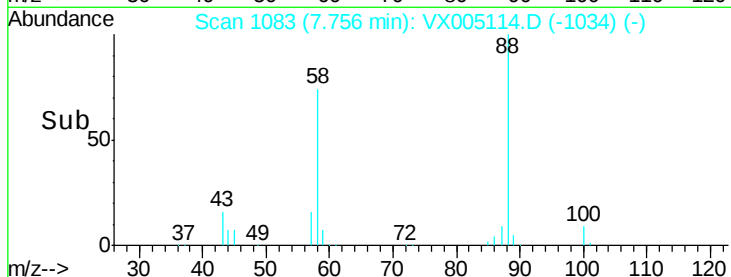
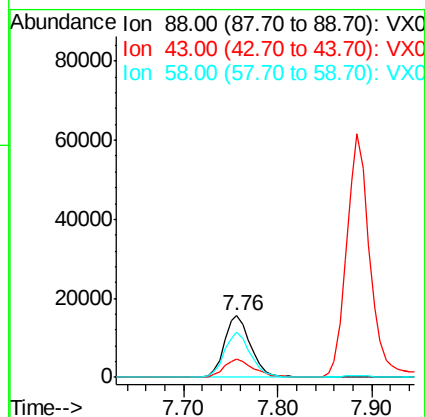
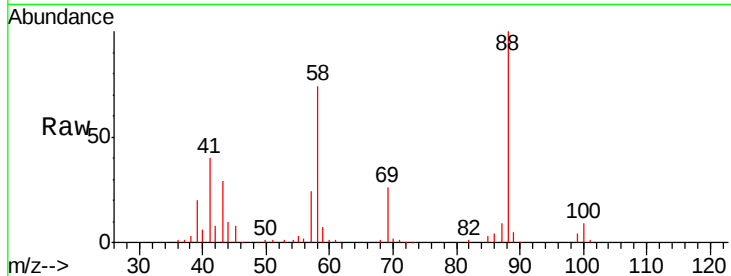
ClientSampleId :

VX1008WBS01

Tgt Ion:	88	Resp:	30018
Ion	Ratio	Lower	Upper
88	100		
43	34.3	25.1	37.7
58	73.9	56.2	84.2

Manual Integrations
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#50

Toluene-d8

Concen: 52.55 ug/l

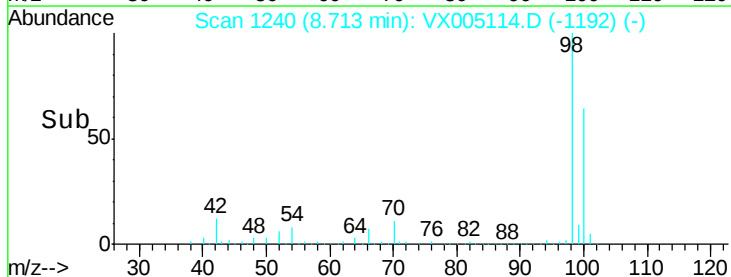
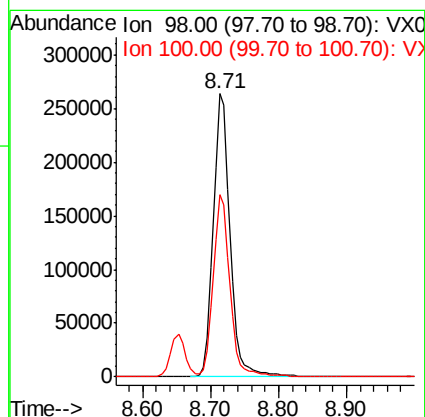
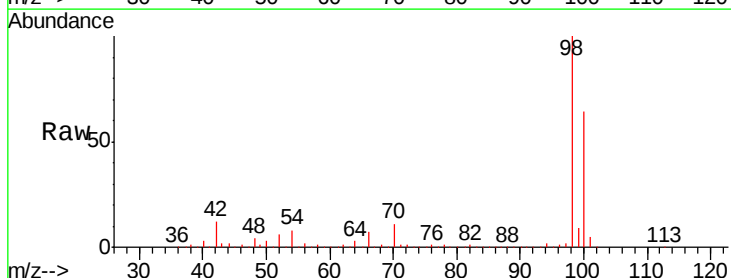
RT: 8.71 min Scan# 1240

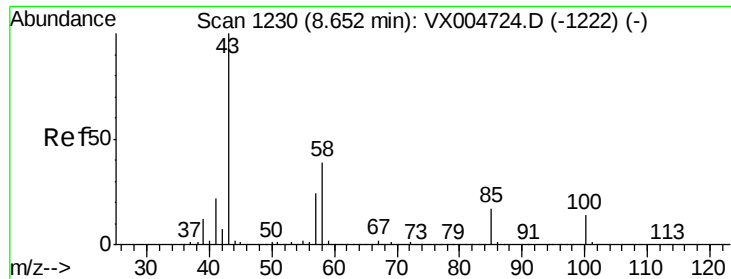
Delta R.T. -0.01 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Tgt Ion:	98	Resp:	452493
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.9	77.9





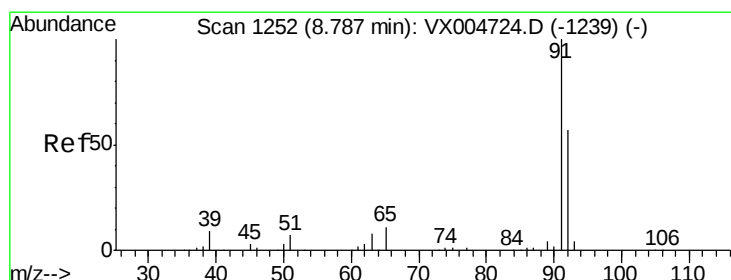
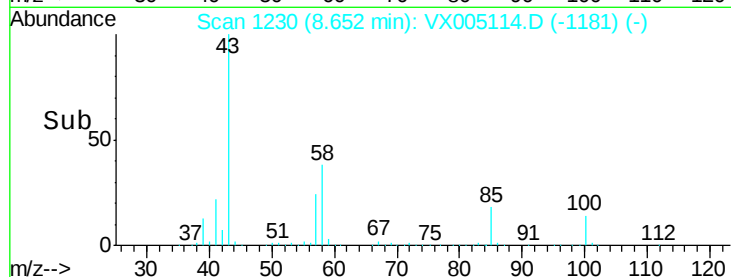
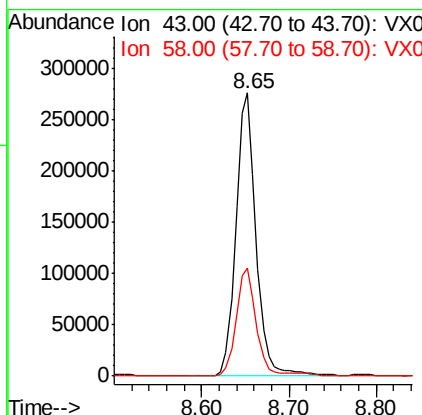
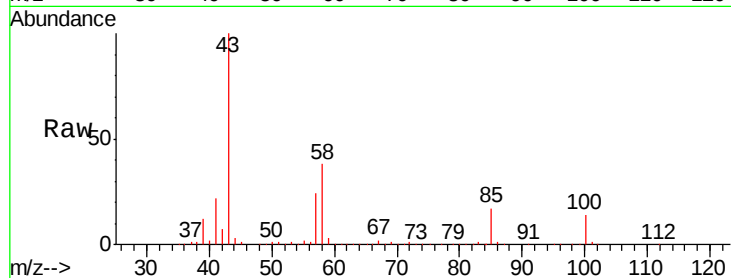
#51
4-Methyl-2-Pentanone
Concen: 104.06 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX005114.D
Acq: 08 Oct 2018 09:20

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS01

Tgt Ion: 43 Resp: 443617
Ion Ratio Lower Upper
43 100
58 37.5 30.5 45.7

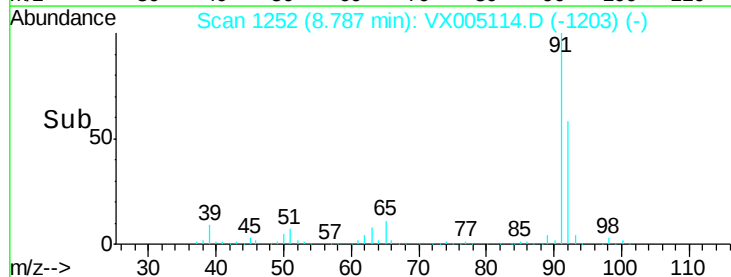
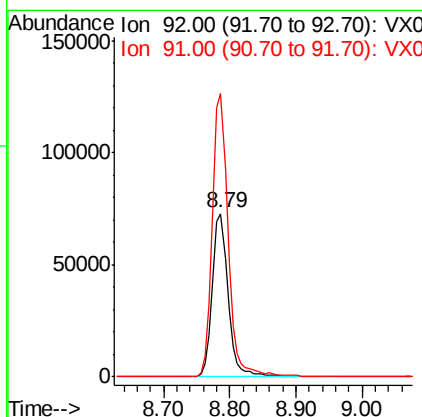
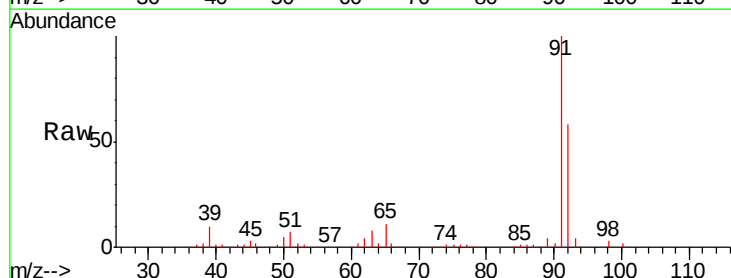
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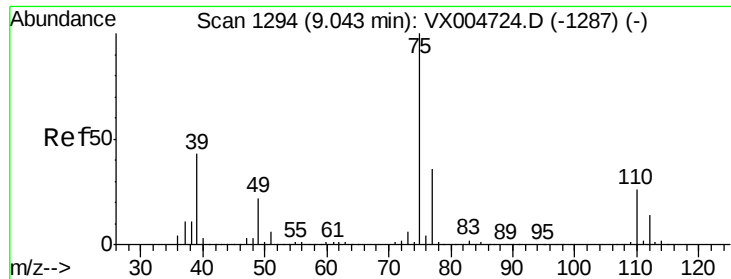
MMDadoda
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#52
Toluene
Concen: 19.93 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005114.D
Acq: 08 Oct 2018 09:20

Tgt Ion: 92 Resp: 121133
Ion Ratio Lower Upper
92 100
91 173.7 136.7 205.1





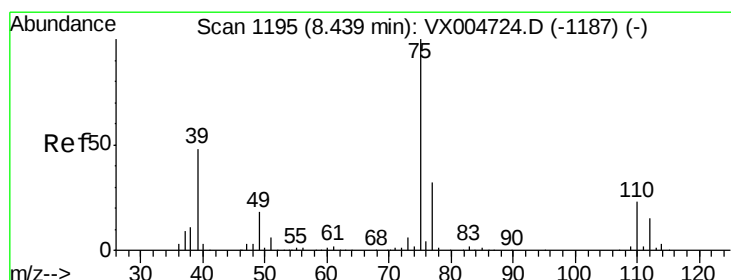
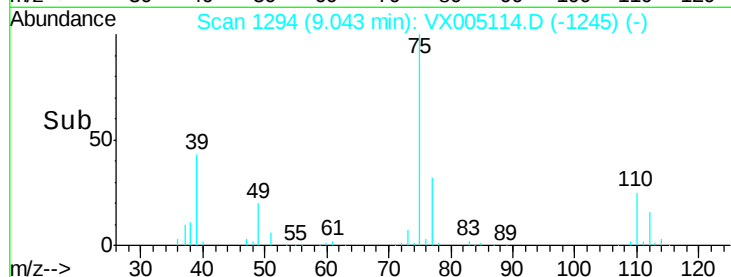
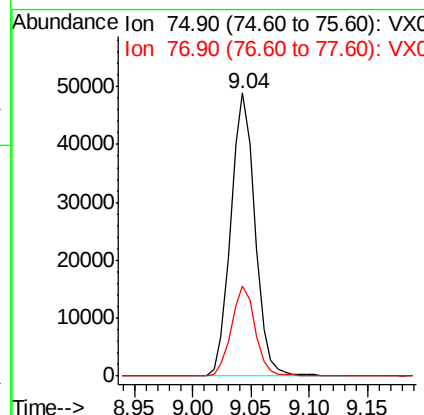
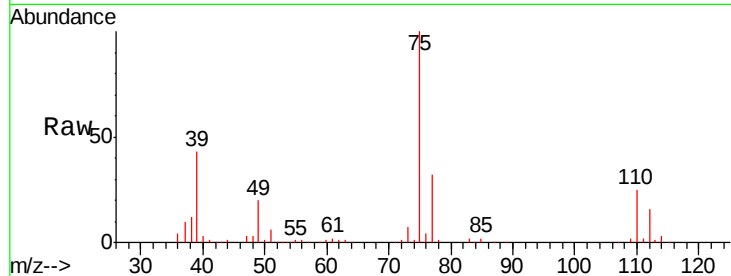
#53
 t-1,3-Dichloropropene
 Concen: 19.64 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX005114.D
 Acq: 08 Oct 2018 09:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS01

Tgt Ion: 75 Resp: 70851
 Ion Ratio Lower Upper
 75 100
 77 31.9 28.9 43.3

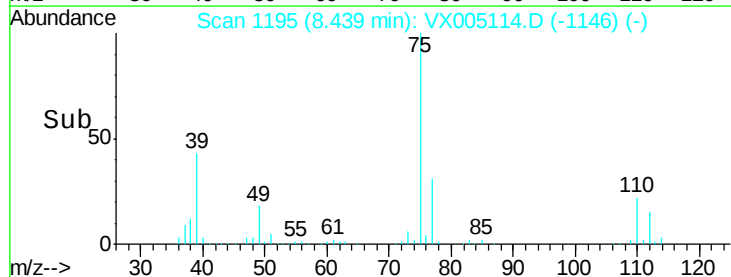
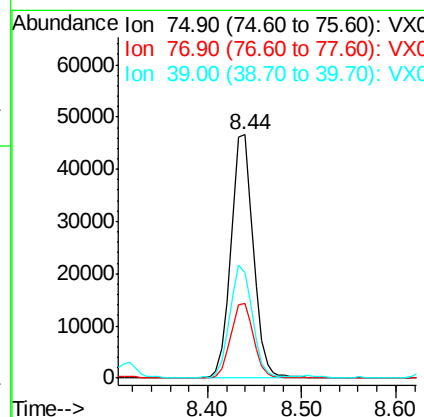
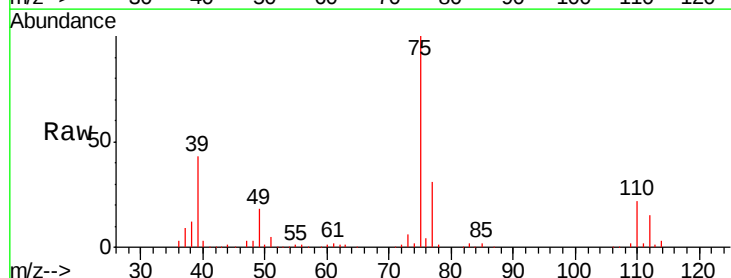
Manual Integrations
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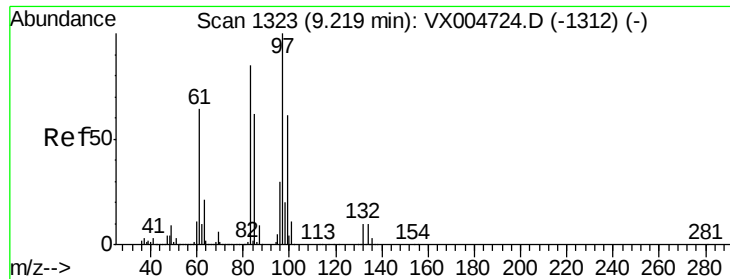
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 20.43 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX005114.D
 Acq: 08 Oct 2018 09:20

Tgt Ion: 75 Resp: 77210
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.7 38.5
 39 43.2 38.3 57.5





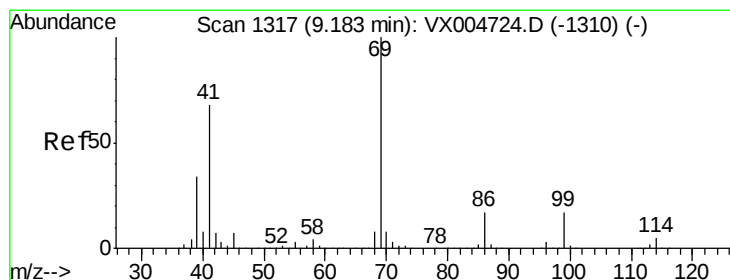
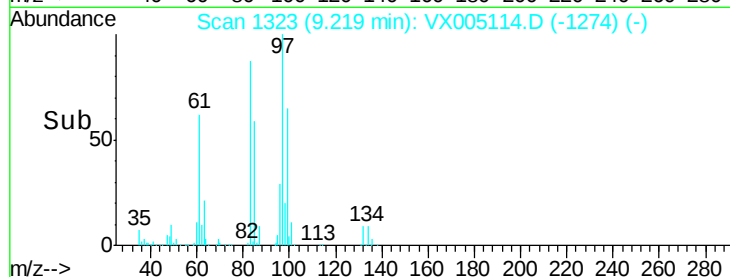
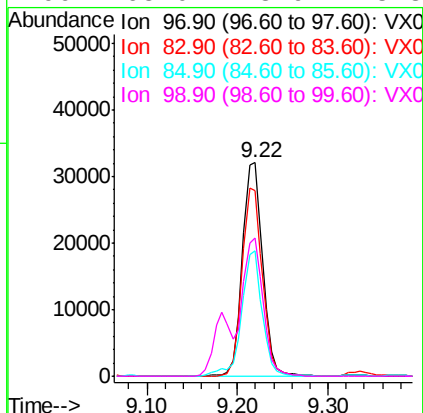
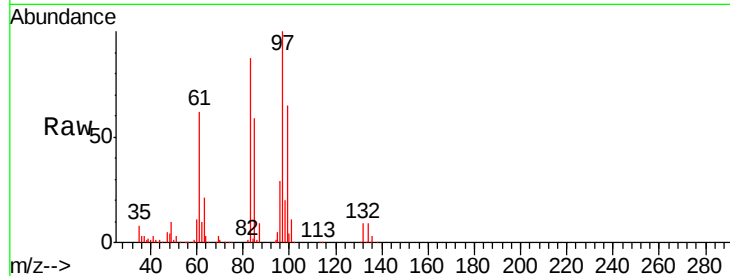
#55
 1,1,2-Trichloroethane
 Concen: 18.83 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005114.D
 Acq: 08 Oct 2018 09:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.0	68.2	102.2
85	58.5	49.9	74.9
99	65.0	48.9	73.3

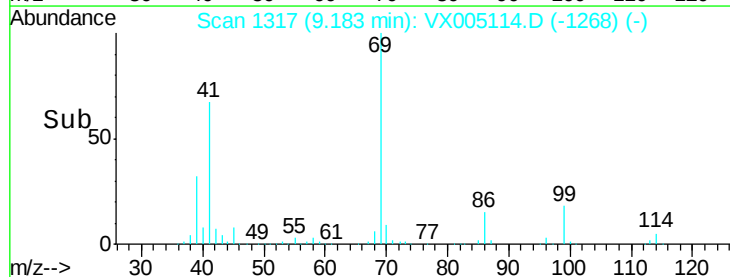
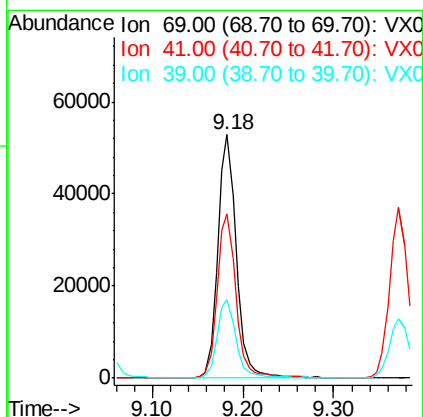
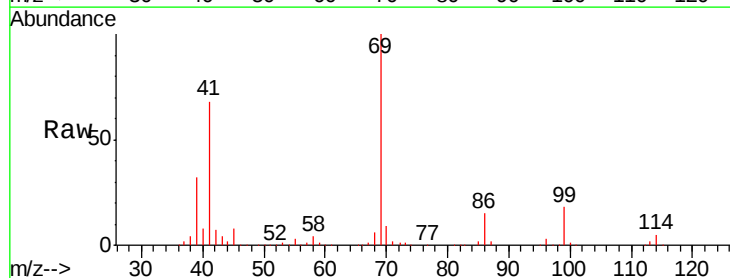
Manual Integrations
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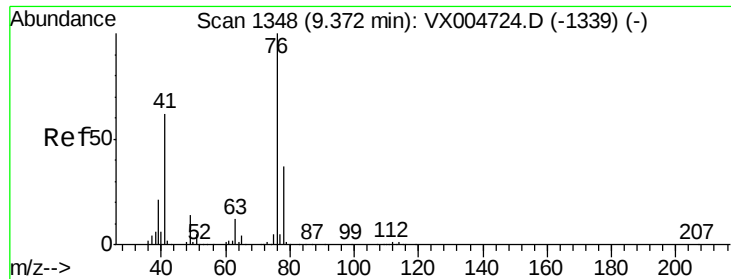
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#56
 Ethyl methacrylate
 Concen: 19.42 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005114.D
 Acq: 08 Oct 2018 09:20

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.2	56.9	85.3
39	32.8	28.4	42.6





#57

1,3-Dichloropropane

Concen: 18.97 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS01

Tgt Ion: 76 Resp: 84075

Ion Ratio Lower Upper

76 100

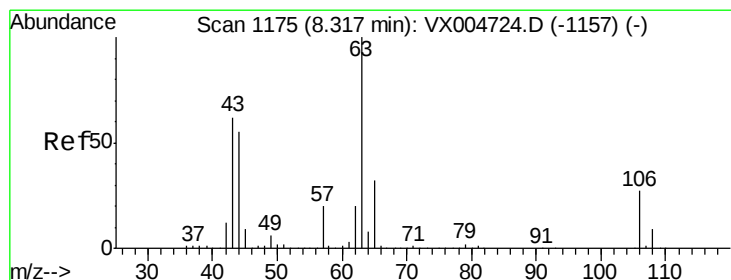
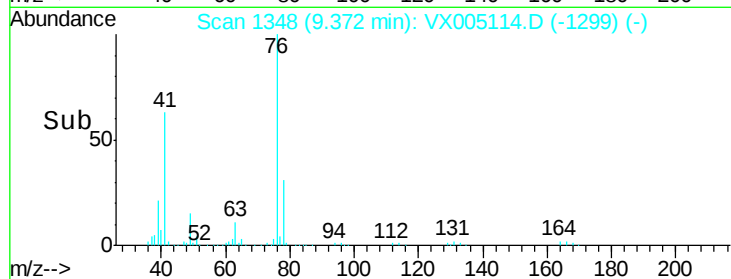
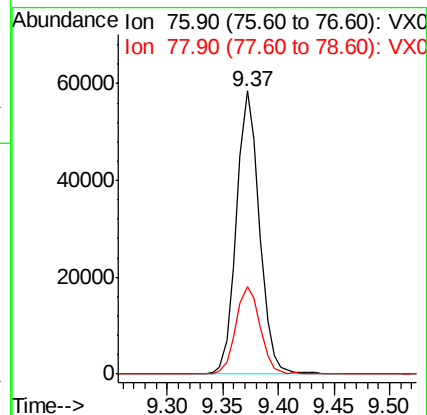
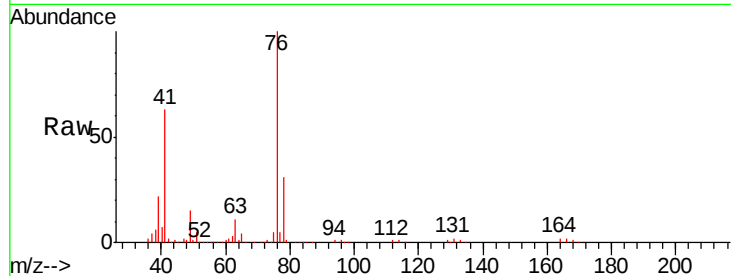
78 32.6 26.6 40.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 105.38 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX005114.D

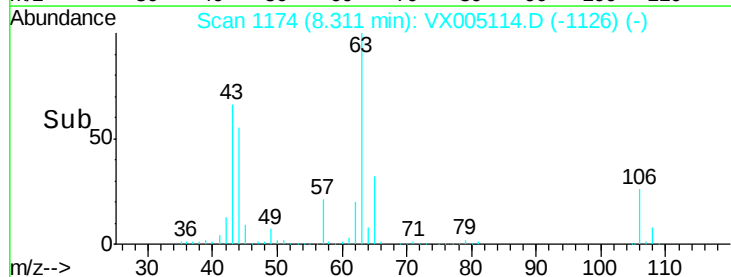
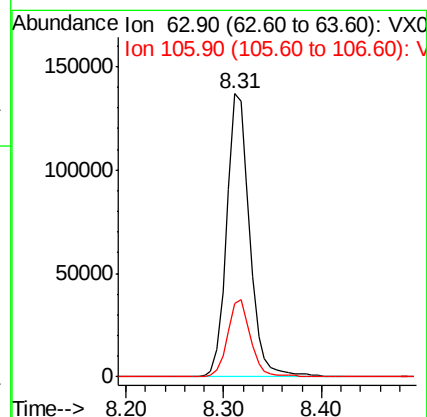
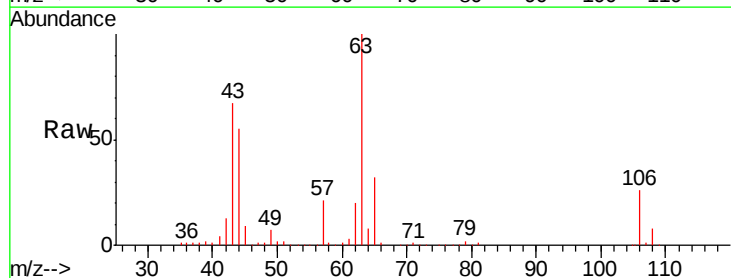
Acq: 08 Oct 2018 09:20

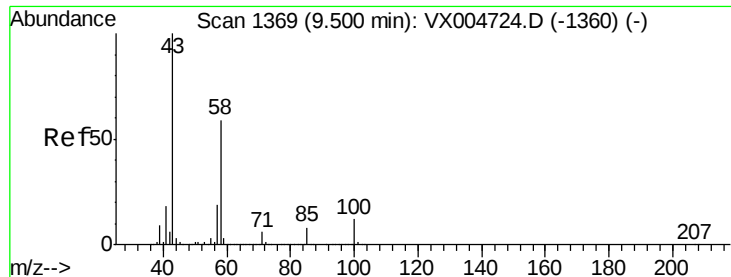
Tgt Ion: 63 Resp: 221746

Ion Ratio Lower Upper

63 100

106 27.3 21.0 31.6





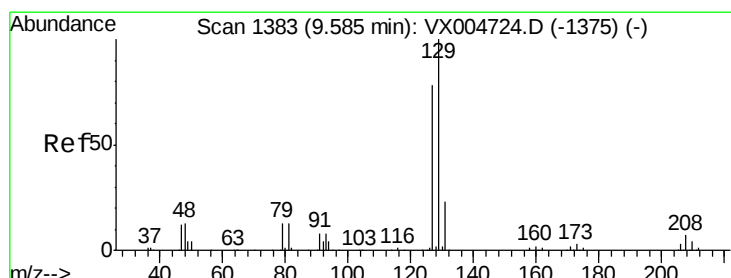
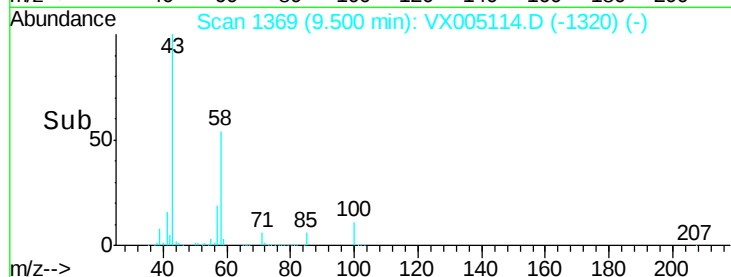
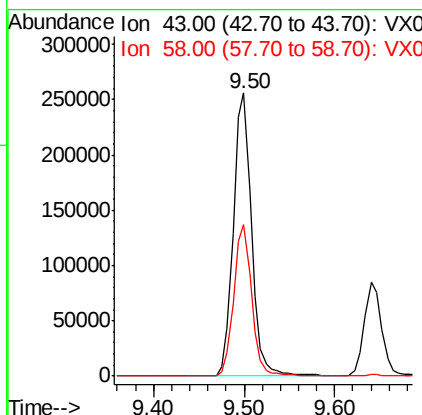
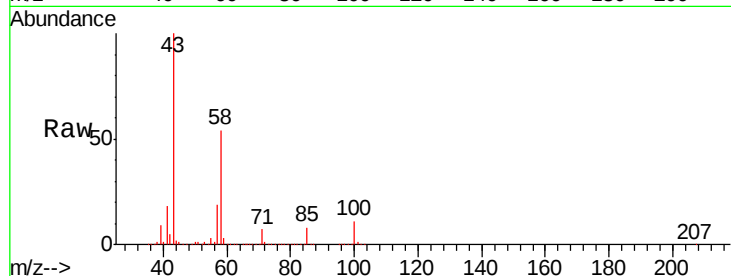
#59
2-Hexanone
Concen: 100.27 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005114.D
Acq: 08 Oct 2018 09:20

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS01

Tgt Ion: 43 Resp: 356212
Ion Ratio Lower Upper
43 100
58 53.0 28.4 85.3

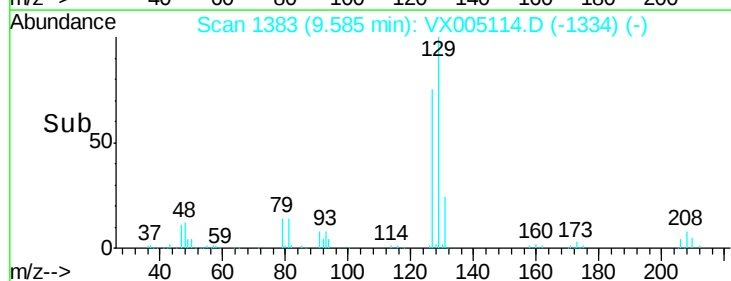
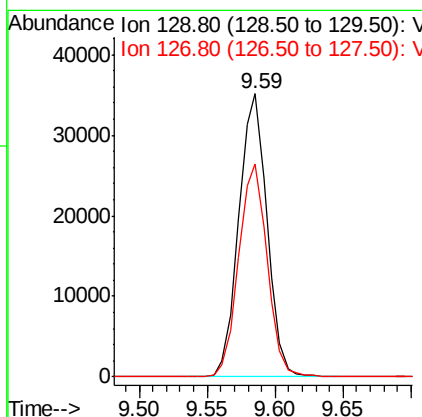
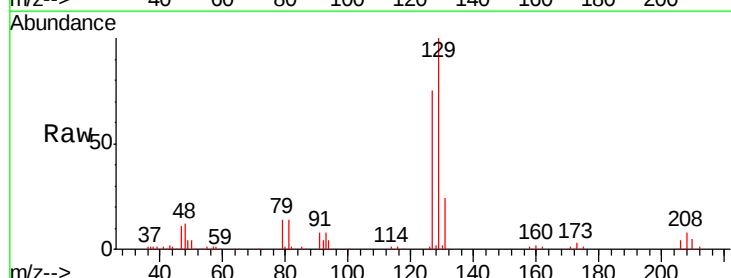
Manual Integrations
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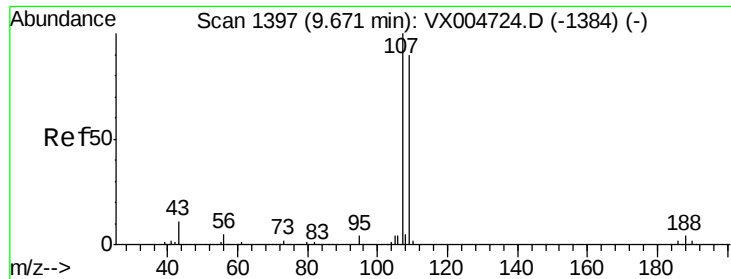
MMDadoda
10/9/2018 1:47:47 PM



#60
Dibromochloromethane
Concen: 19.15 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005114.D
Acq: 08 Oct 2018 09:20

Tgt Ion: 129 Resp: 50995
Ion Ratio Lower Upper
129 100
127 75.9 39.1 117.2





#61

1,2-Dibromoethane

Concen: 18.44 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS01

Tgt Ion: 107 Resp: 52585

Ion Ratio Lower Upper

107 100

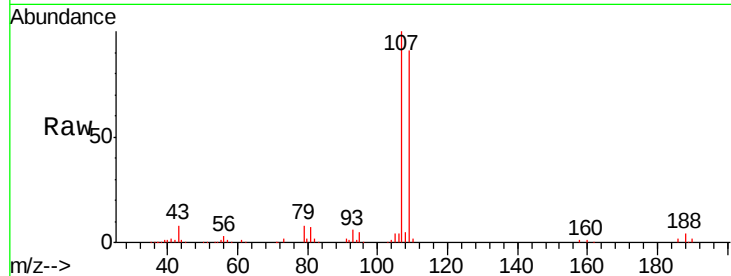
109 93.1 72.1 108.1

Manual Integrations

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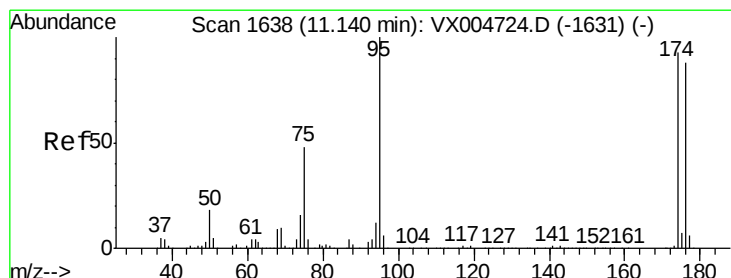
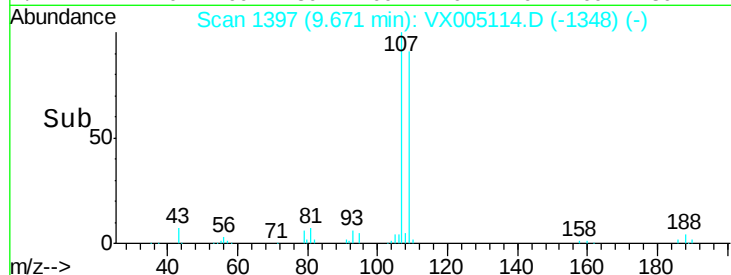
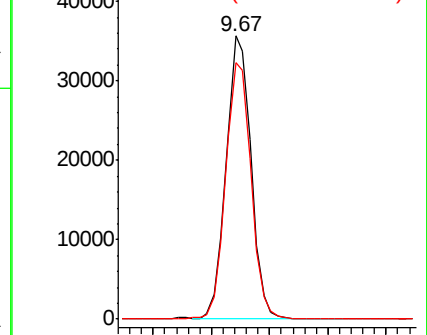
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.85 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

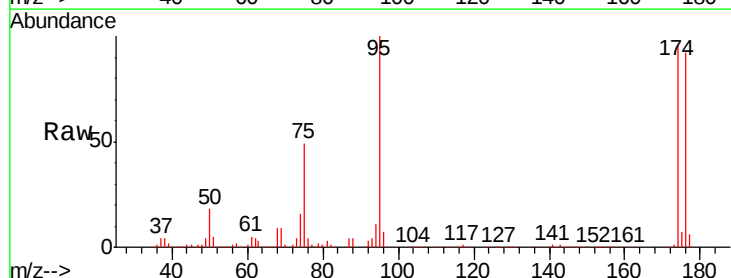
Tgt Ion: 95 Resp: 170140

Ion Ratio Lower Upper

95 100

174 92.4 0.0 185.0

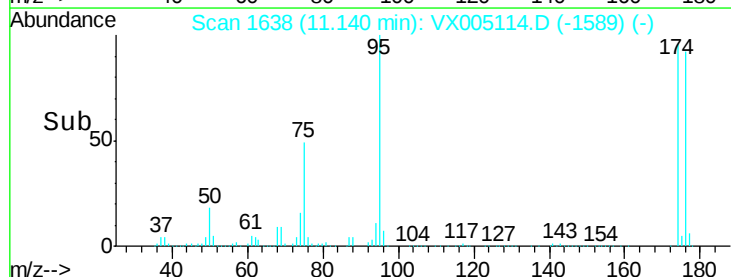
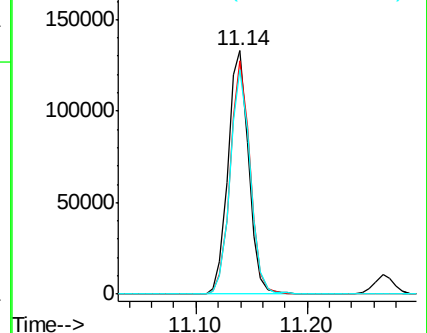
176 89.9 0.0 180.2

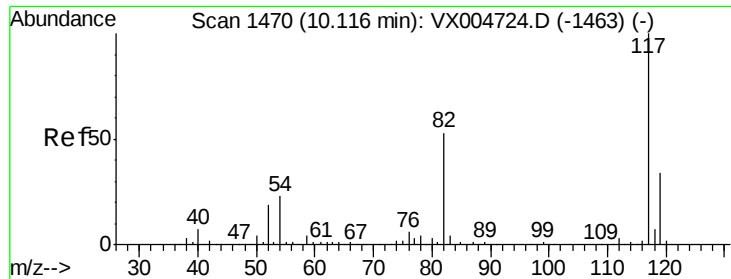


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





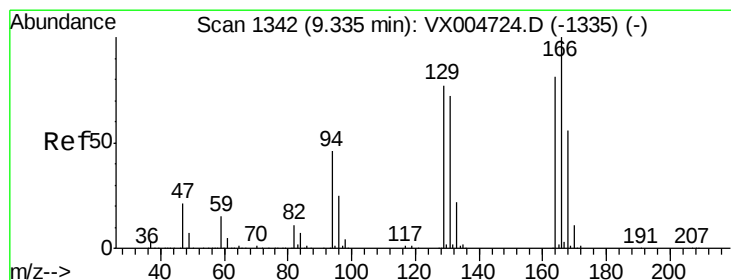
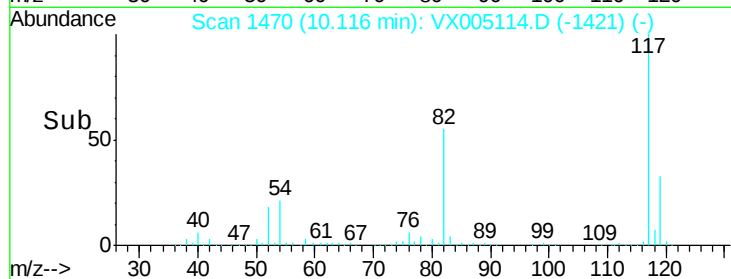
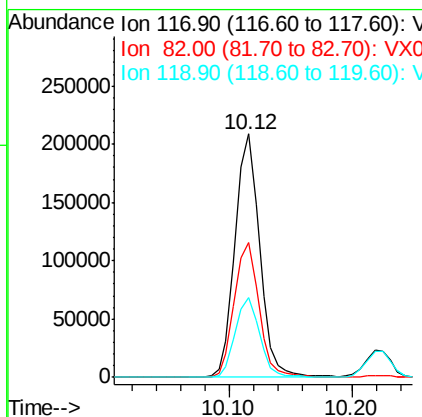
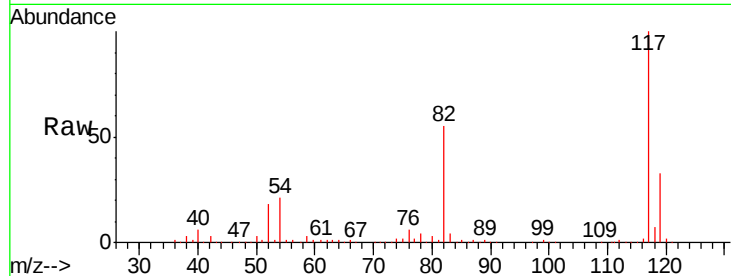
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005114.D
Acq: 08 Oct 2018 09:20

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.2	42.2	63.4
119	32.5	27.4	41.0

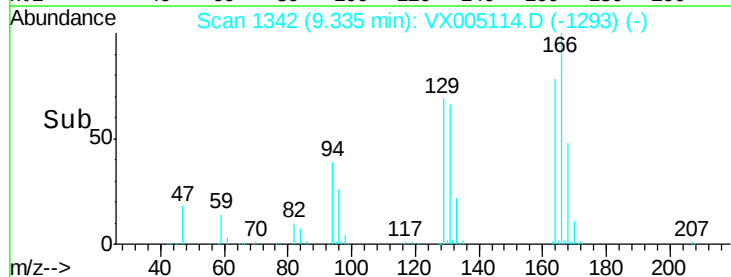
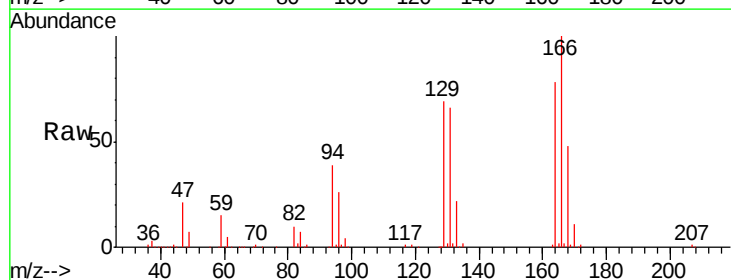
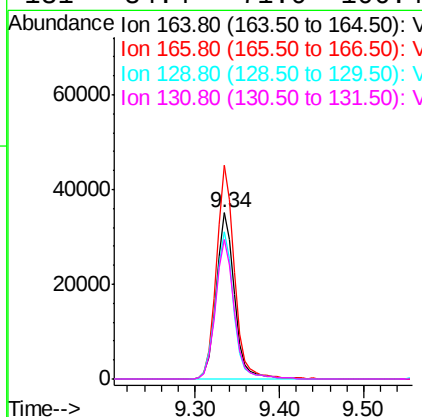
Manual Integrations
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#64
Tetrachloroethene
Concen: 18.40 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005114.D
Acq: 08 Oct 2018 09:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.7	98.4	147.6
129	88.6	76.1	114.1
131	84.4	71.0	106.4





#65

Chlorobenzene

Concen: 18.26 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS01

Tgt Ion:112 Resp: 136968

Ion Ratio Lower Upper

112 100

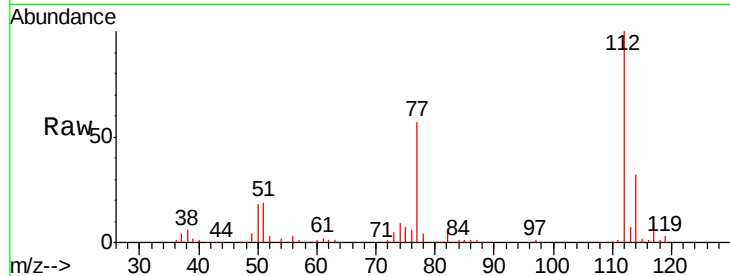
114 32.3 26.7 40.1

Manual Integrations

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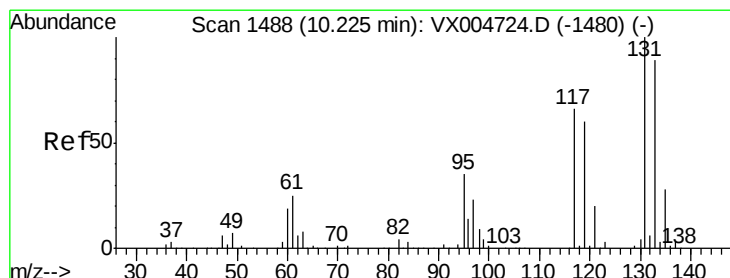
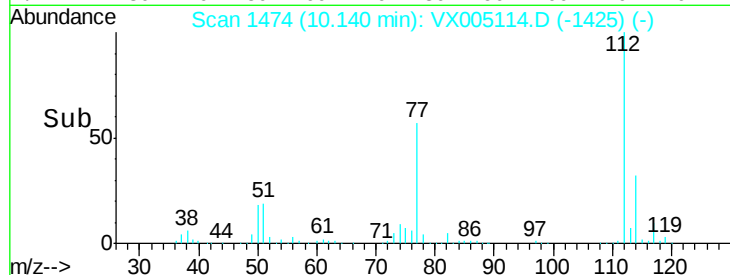
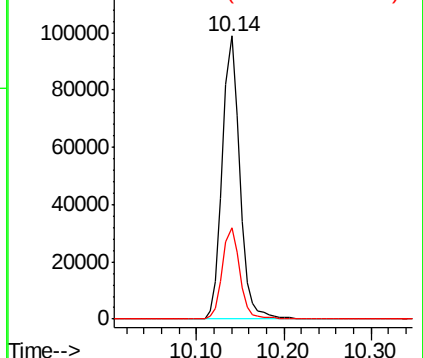
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.75 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.01 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

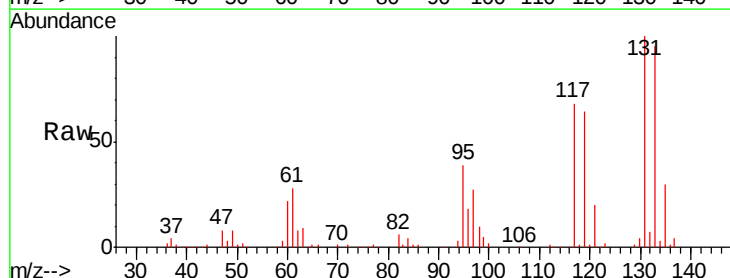
Tgt Ion:131 Resp: 49423

Ion Ratio Lower Upper

131 100

133 95.3 48.4 145.0

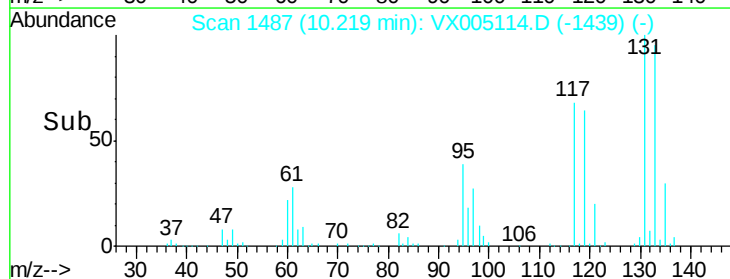
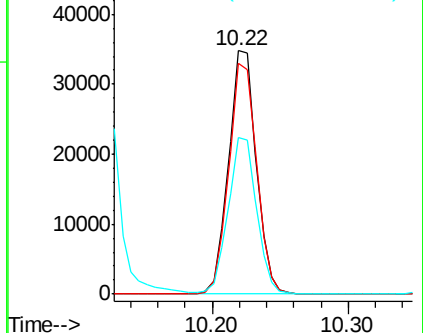
119 65.7 32.3 96.8

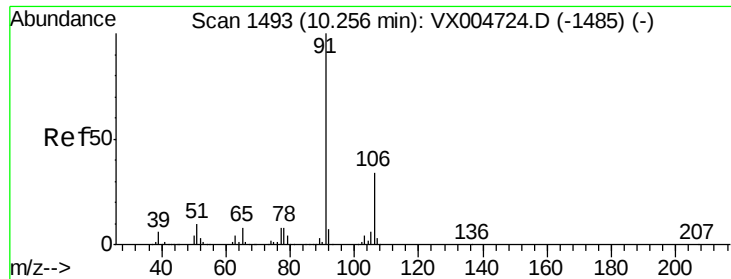


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.90 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS01

Tgt Ion: 91 Resp: 225062

Ion Ratio Lower Upper

91 100

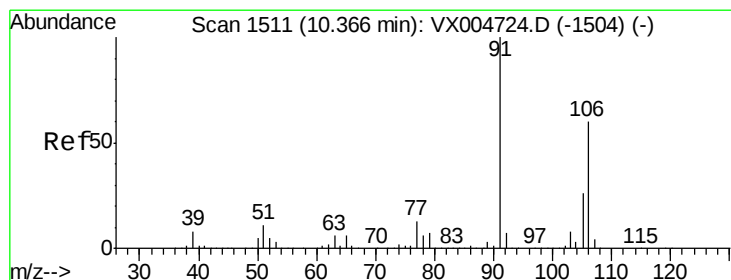
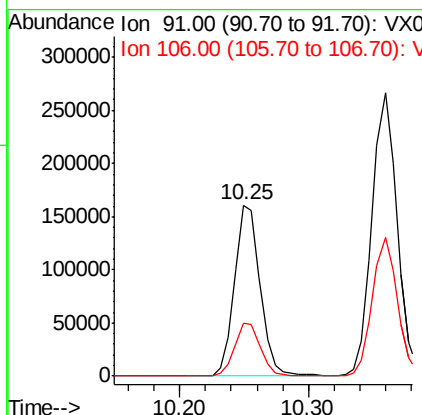
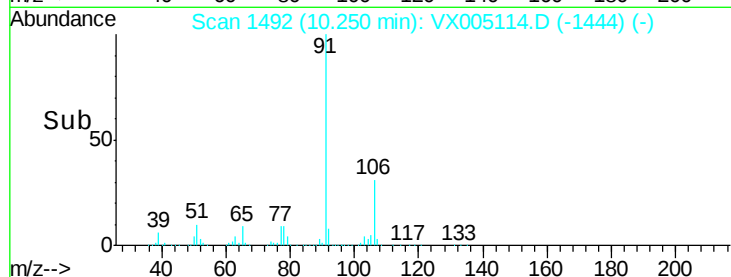
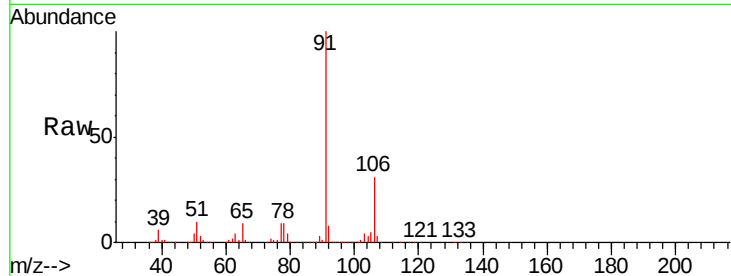
106 30.8 26.9 40.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 38.11 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005114.D

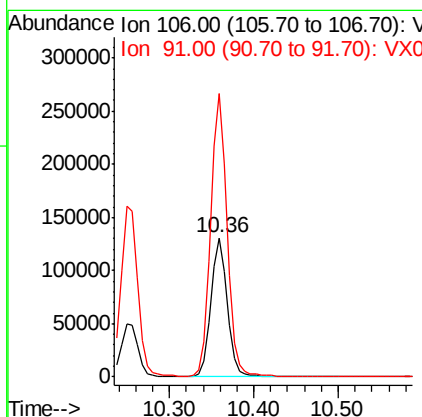
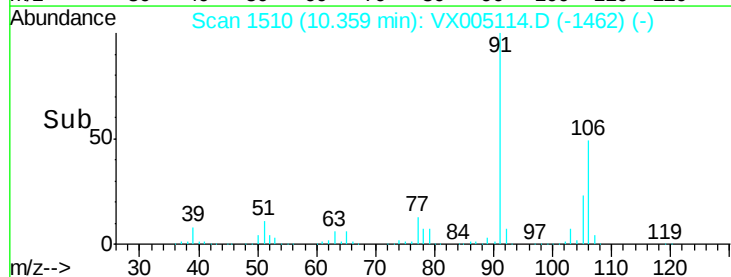
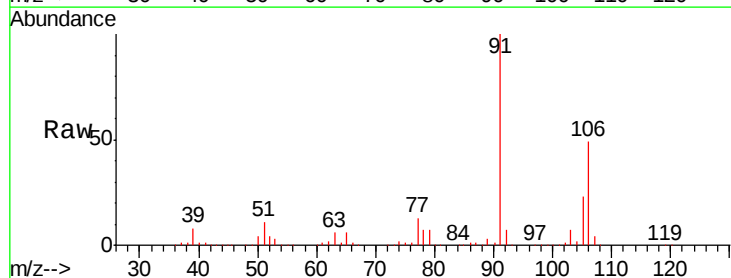
Acq: 08 Oct 2018 09:20

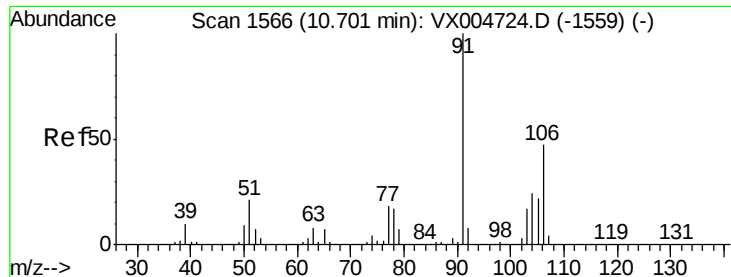
Tgt Ion: 106 Resp: 177322

Ion Ratio Lower Upper

106 100

91 204.7 157.5 236.3





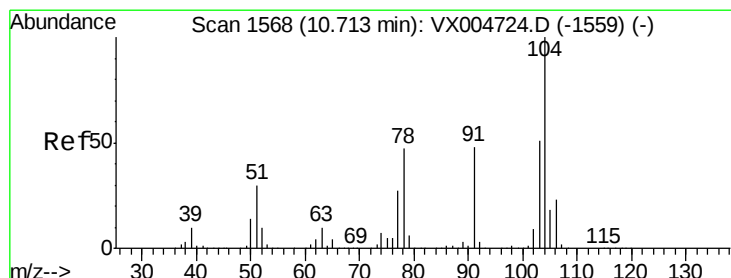
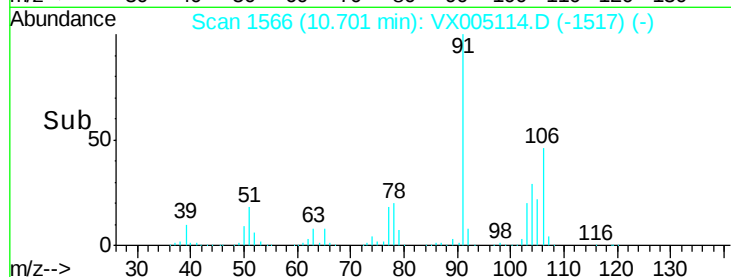
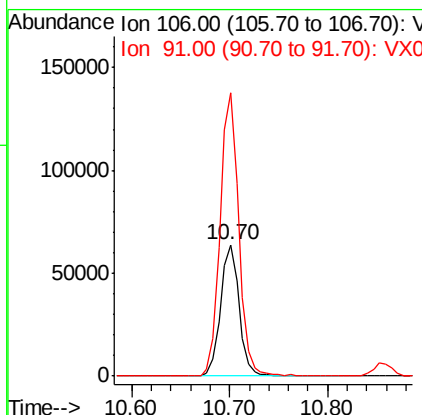
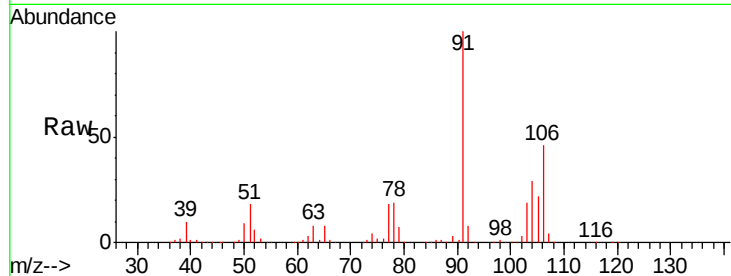
#69
o-Xylene
Concen: 19.74 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005114.D
Acq: 08 Oct 2018 09:20

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS01

Tgt Ion:106 Resp: 84355
Ion Ratio Lower Upper
106 100
91 215.9 108.3 324.8

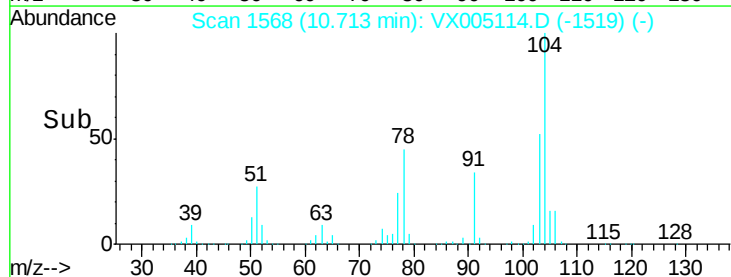
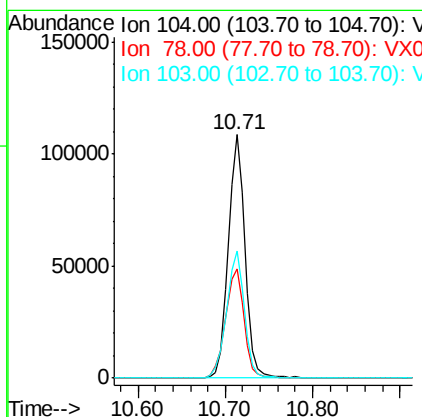
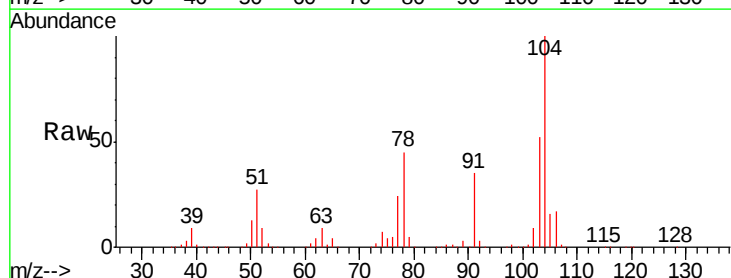
Manual Integrations
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#70
Styrene
Concen: 19.44 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005114.D
Acq: 08 Oct 2018 09:20

Tgt Ion:104 Resp: 144466
Ion Ratio Lower Upper
104 100
78 50.0 40.0 60.0
103 55.8 44.3 66.5





#71

Bromoform

Concen: 18.47 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Instrument :

MSVOA_X

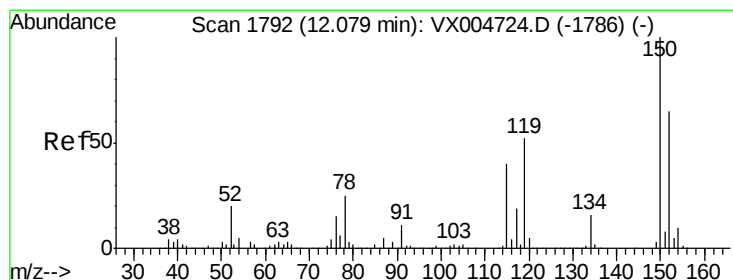
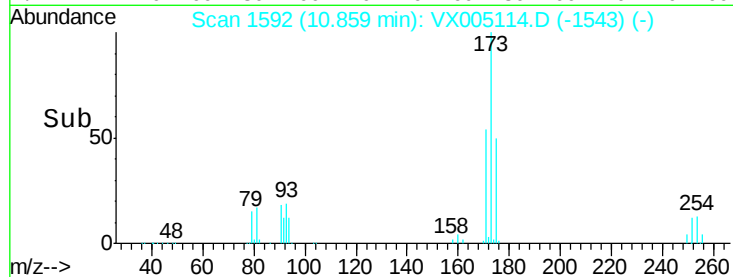
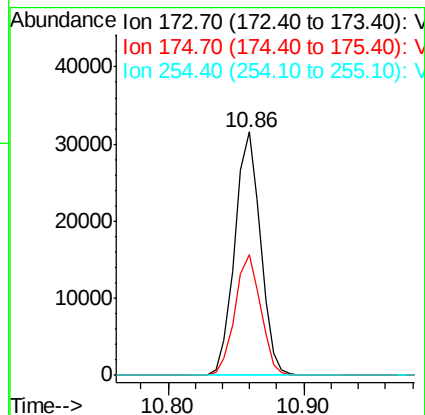
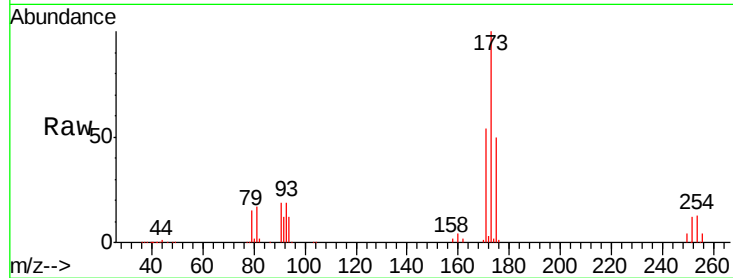
ClientSampleId :

VX1008WBS01

Tgt Ion:	173	Resp:	41700
Ion Ratio	Lower	Upper	
173	100		
175	49.6	23.3	69.8
254	0.2	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

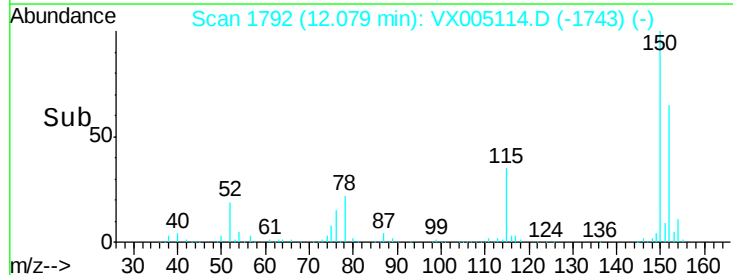
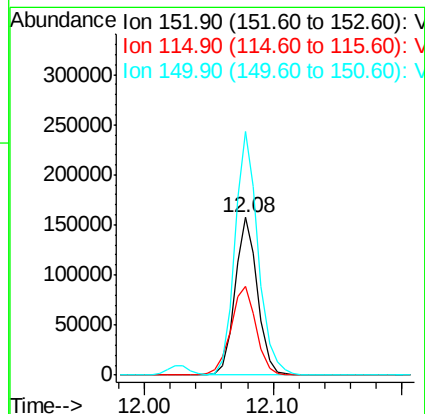
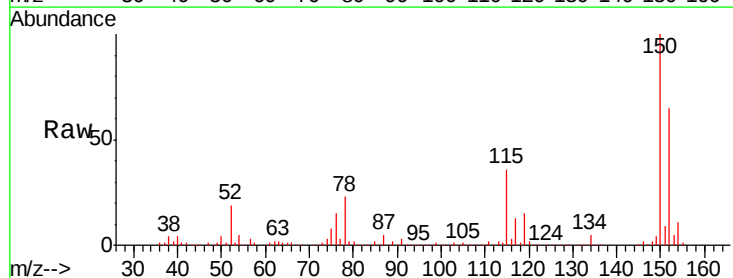
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Tgt Ion:	152	Resp:	189878
Ion Ratio	Lower	Upper	
152	100		
115	64.1	40.2	120.6
150	160.6	0.0	351.0





#73

Isopropylbenzene

Concen: 19.54 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS01

Tgt Ion: 105 Resp: 233862

Ion Ratio Lower Upper

105 100

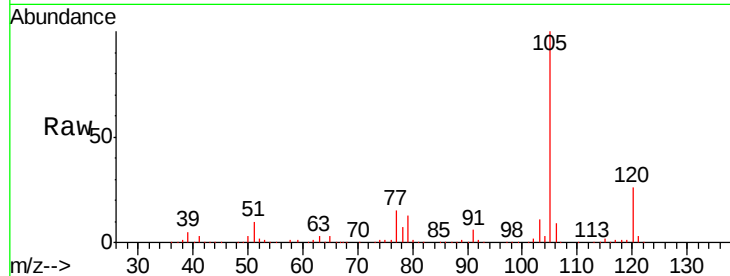
120 26.6 13.2 39.5

Manual Integrations

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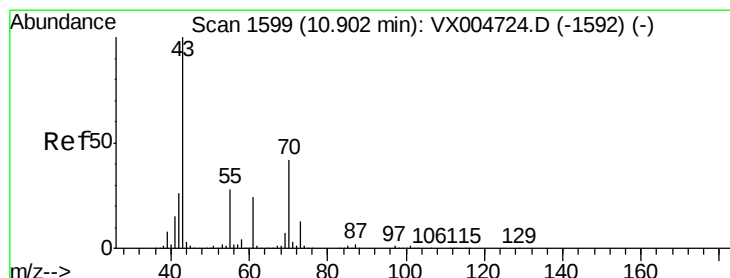
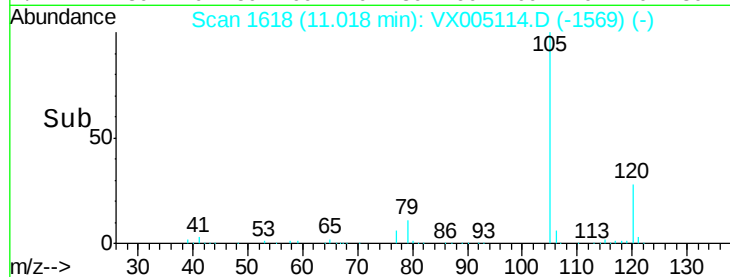
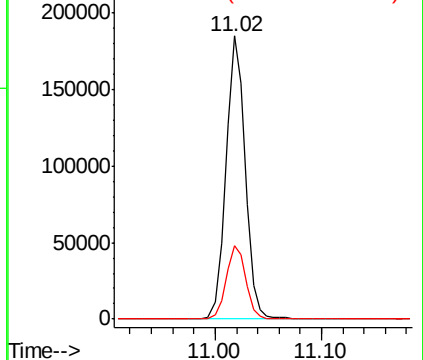
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.67 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Tgt Ion: 43 Resp: 108538

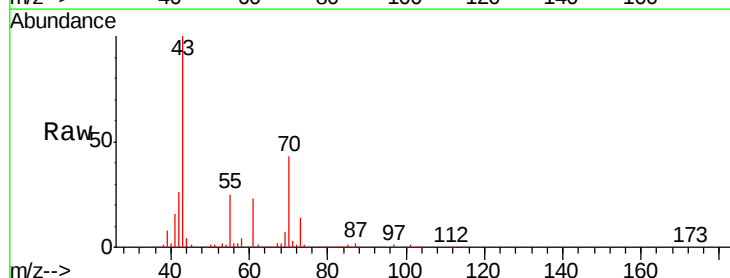
Ion Ratio Lower Upper

43 100

70 40.5 32.6 48.8

55 25.2 21.6 32.4

61 23.2 19.1 28.7

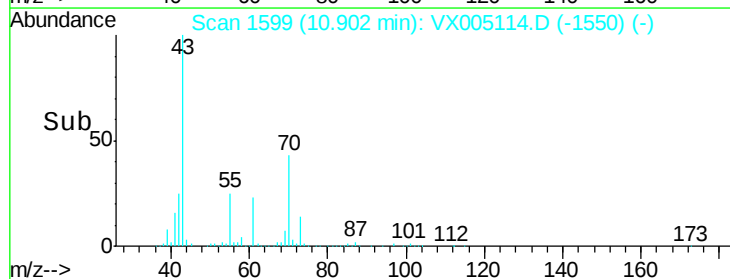
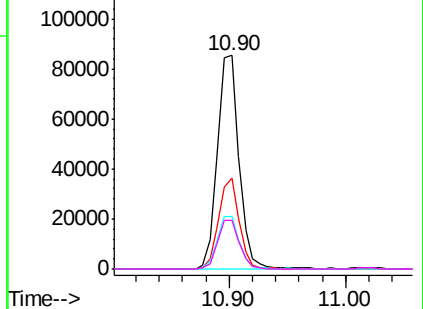


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.50 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Instrument :

MSVOA_X

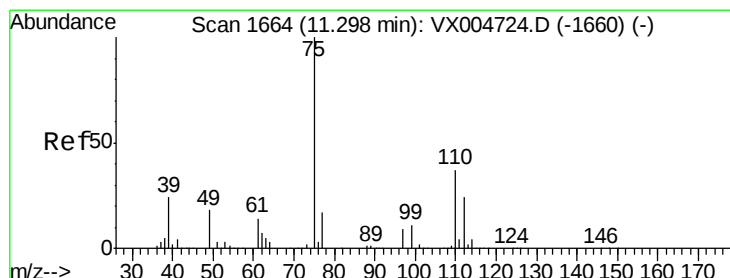
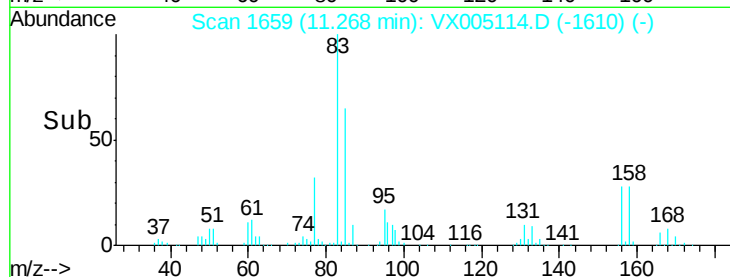
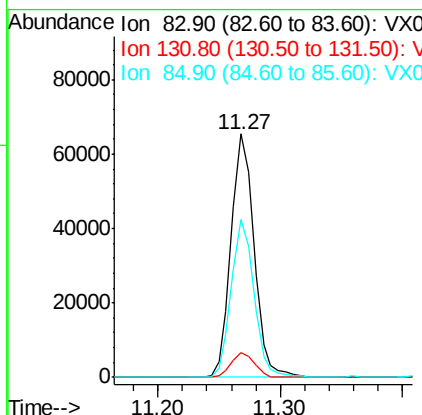
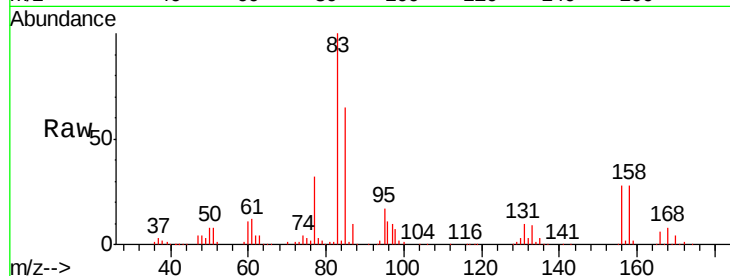
ClientSampleId :

VX1008WBS01

Tgt Ion:	83	Resp:	85270
Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.1	15.3
85	64.3	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.68 ug/l m

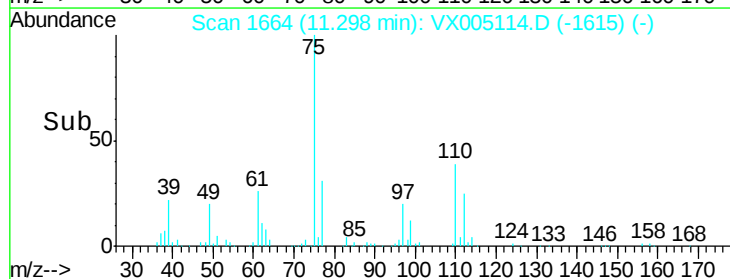
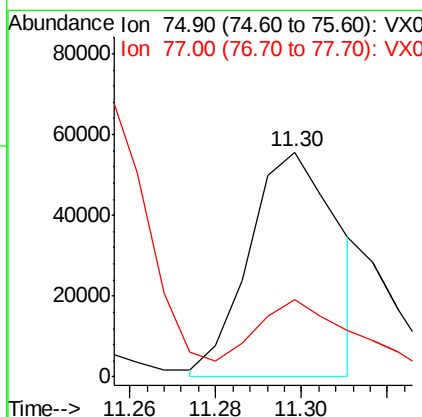
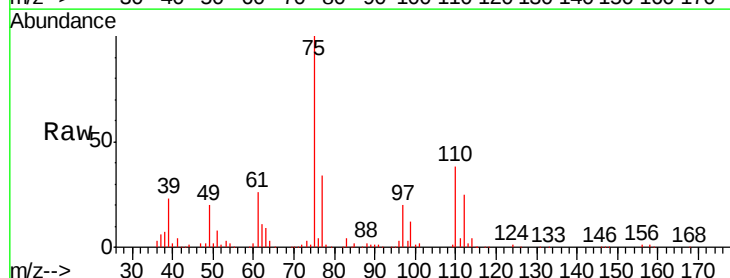
RT: 11.30 min Scan# 1664

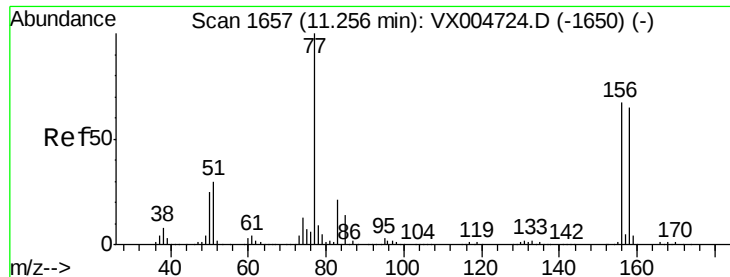
Delta R.T. -0.00 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Tgt Ion:	75	Resp:	79508
Ion	Ratio	Lower	Upper
75	100		
77	39.9	21.4	64.3





#77

Bromobenzene

Concen: 18.50 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS01

Tgt Ion:156 Resp: 64324

Ion Ratio Lower Upper

156 100

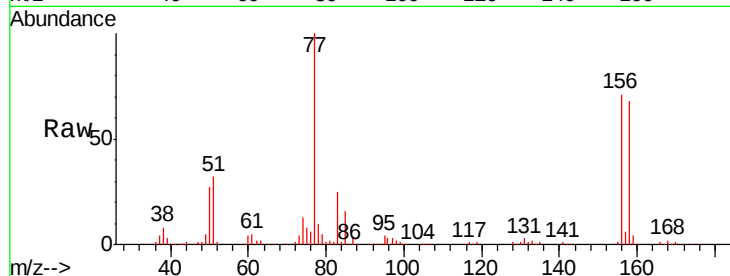
77 145.3 73.4 220.2

158 97.2 49.1 147.4

Manual Integrations
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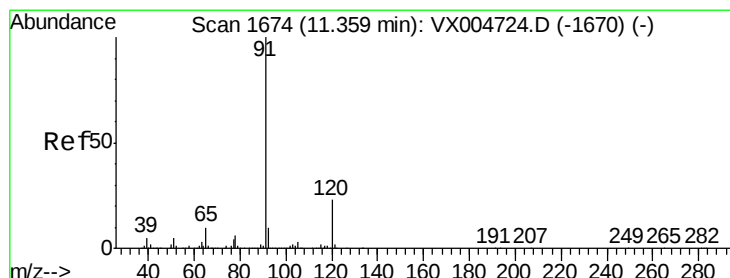
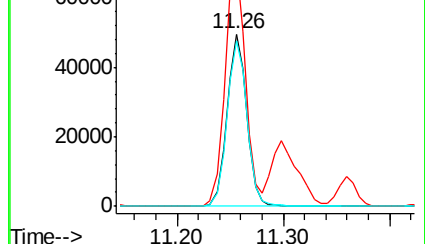
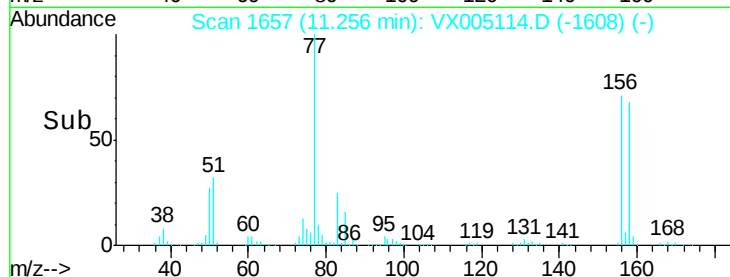
10/9/2018 1:47:47 PM



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: 19.91 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005114.D

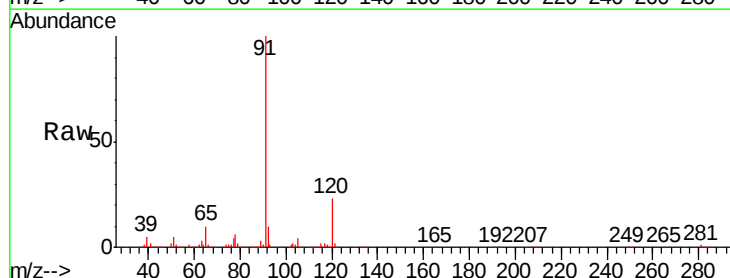
Acq: 08 Oct 2018 09:20

Tgt Ion: 91 Resp: 273369

Ion Ratio Lower Upper

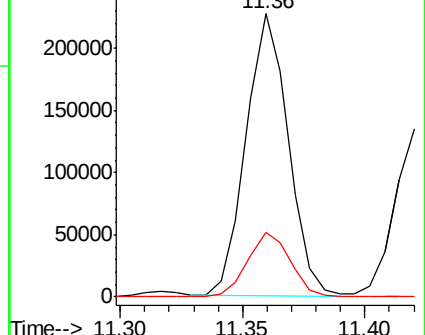
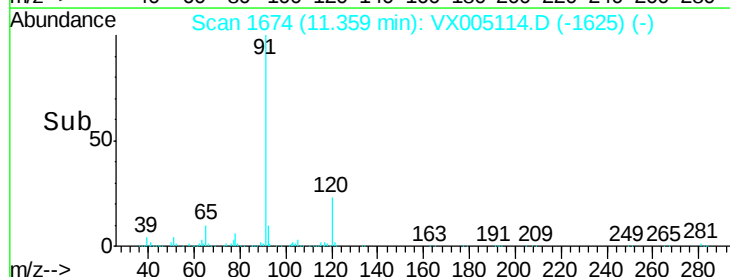
91 100

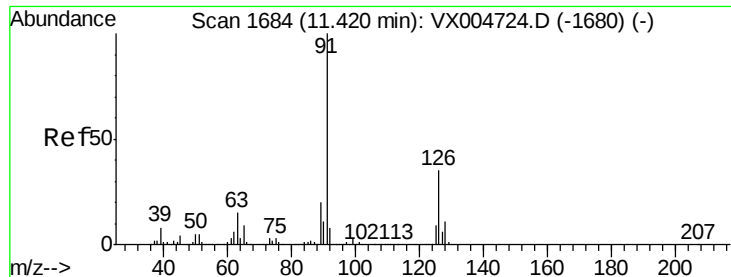
120 23.4 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.37 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Instrument :

MSVOA_X

ClientSampled :

VX1008WBS01

Tgt Ion: 91 Resp: 165777

Ion Ratio Lower Upper

91 100

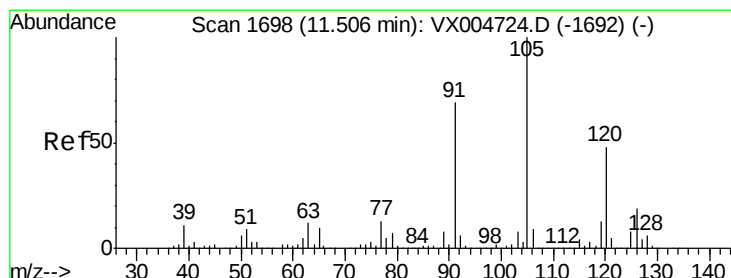
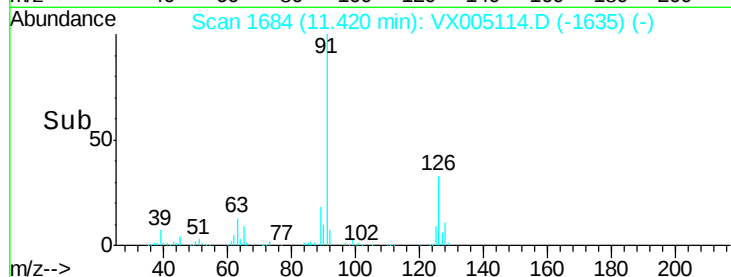
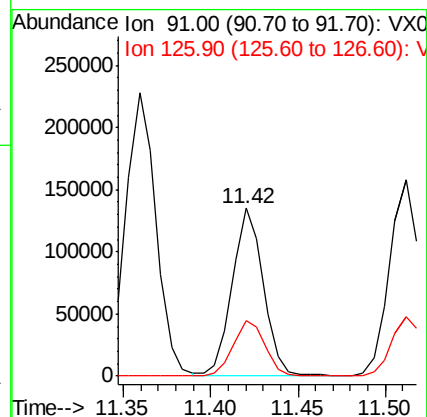
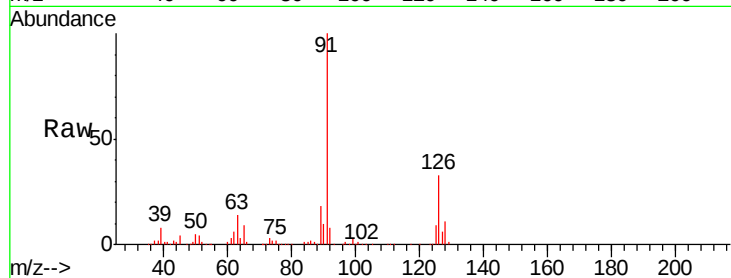
126 34.4 17.6 52.9

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 18.23 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005114.D

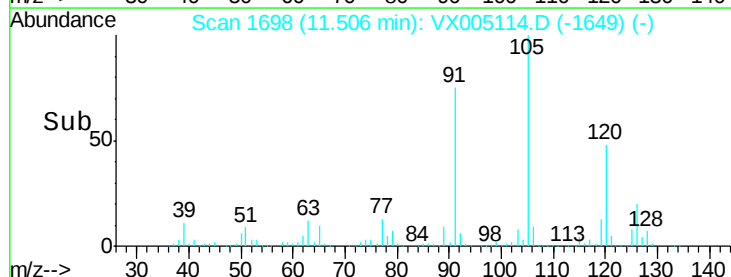
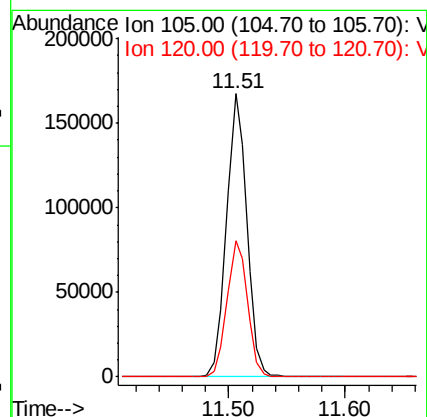
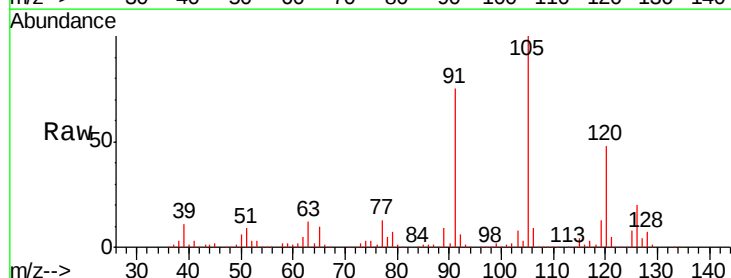
Acq: 08 Oct 2018 09:20

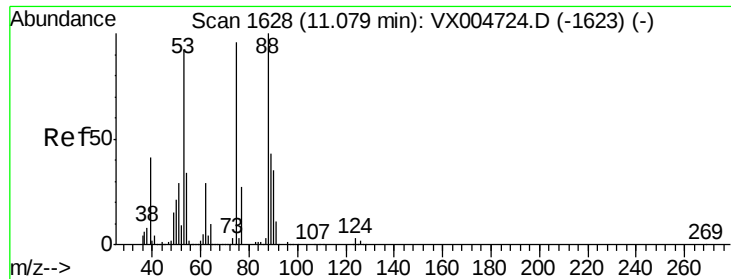
Tgt Ion: 105 Resp: 201344

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.24 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Instrument :

MSVOA_X

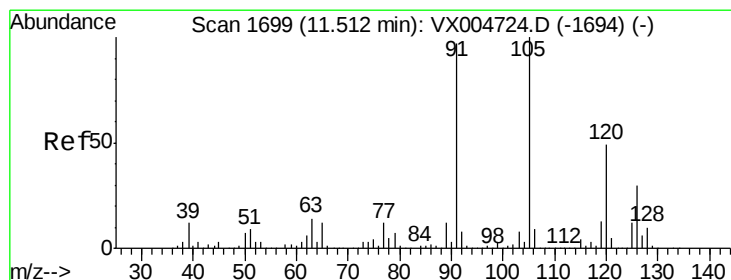
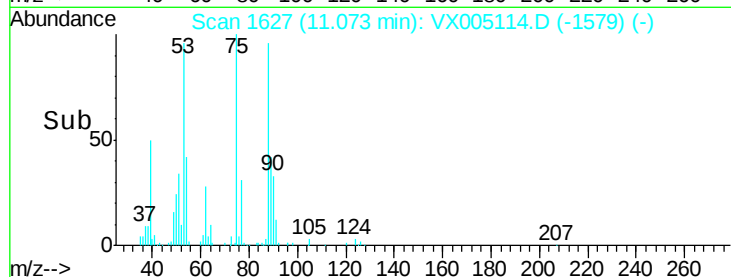
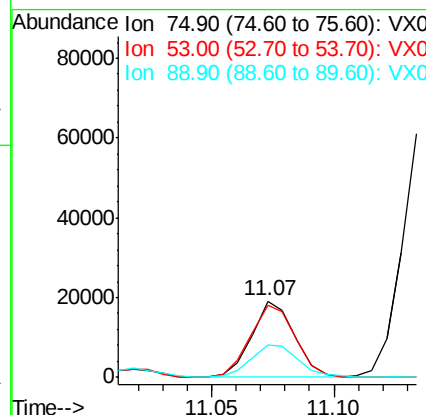
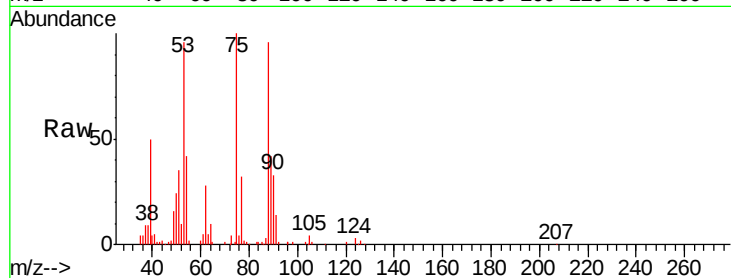
ClientSampleId :

VX1008WBS01

Tgt Ion:	75	Resp:	23165
Ion Ratio	Lower	Upper	
75	100		
53	100.9	80.2	120.4
89	47.8	37.1	55.7

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#82

4-Chlorotoluene

Concen: 19.27 ug/l

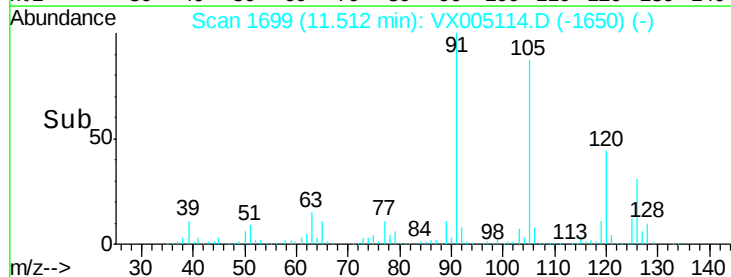
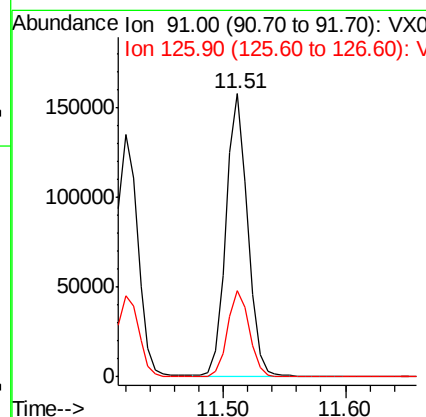
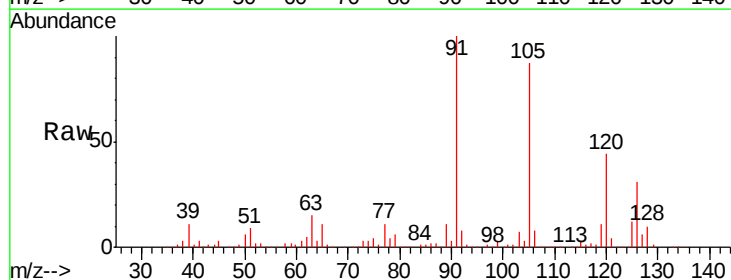
RT: 11.51 min Scan# 1699

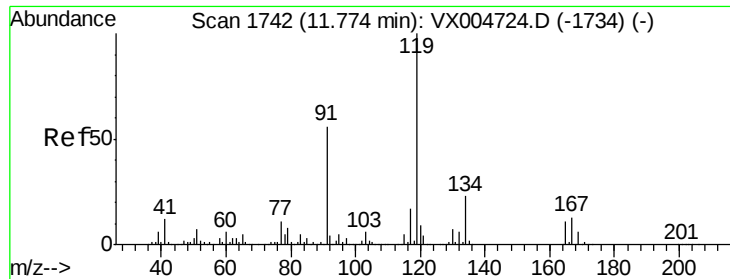
Delta R.T. -0.00 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Tgt Ion:	91	Resp:	194111
Ion Ratio	Lower	Upper	
91	100		
126	30.8	15.5	46.5





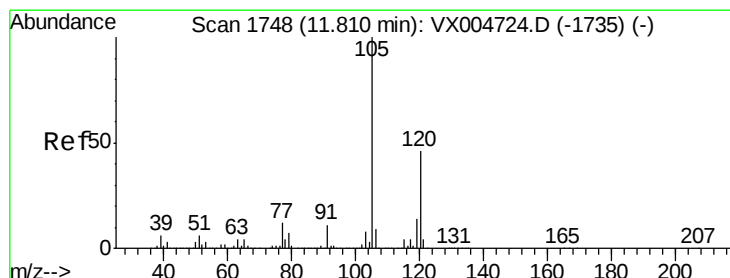
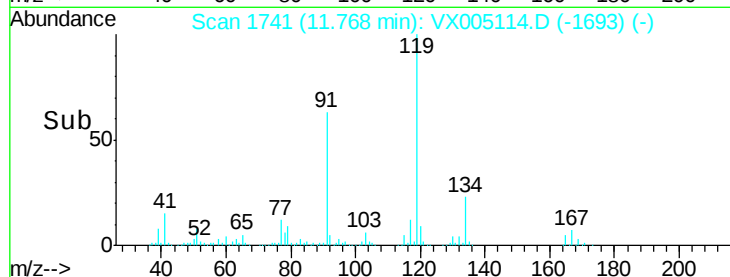
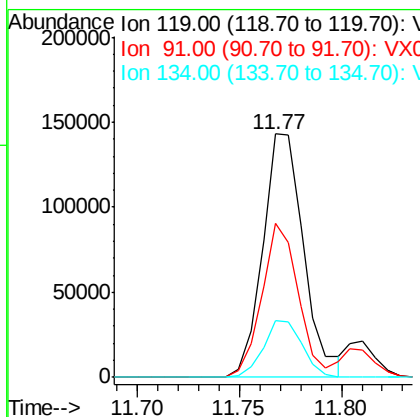
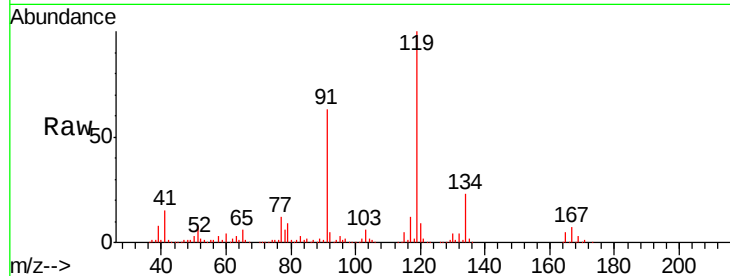
#83
 tert-Butylbenzene
 Concen: 20.33 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.01 min
 Lab File: VX005114.D
 Acq: 08 Oct 2018 09:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	200293		
91	56.3		27.5	82.5
134	22.4		11.5	34.4

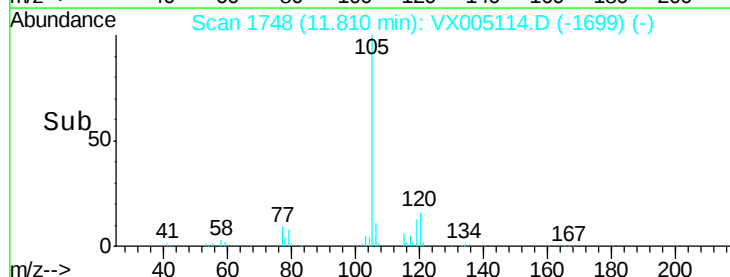
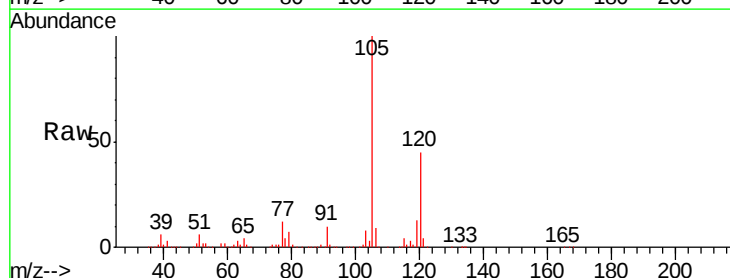
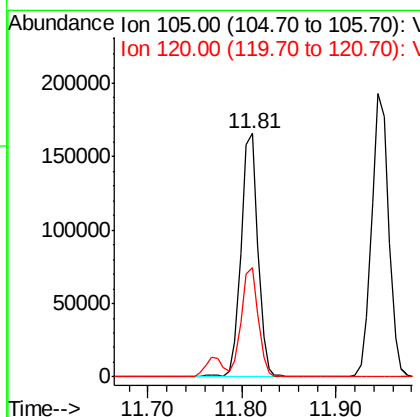
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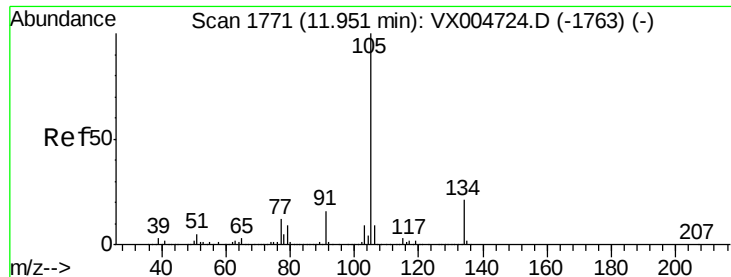
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.19 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005114.D
 Acq: 08 Oct 2018 09:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	207149		
120	44.7		22.8	68.3





#85

sec-Butylbenzene

Concen: 20.29 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Instrument :

MSVOA_X

ClientSampleId :

VX1008WBS01

Tgt Ion:105 Resp: 243489

Ion Ratio Lower Upper

105 100

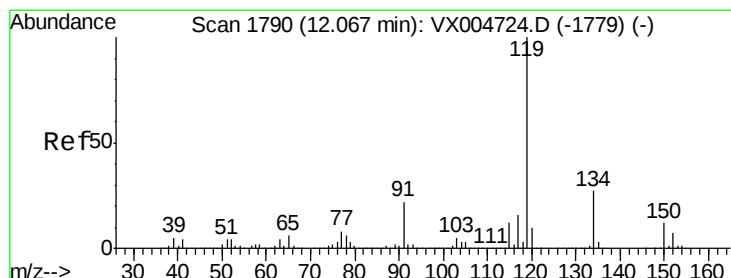
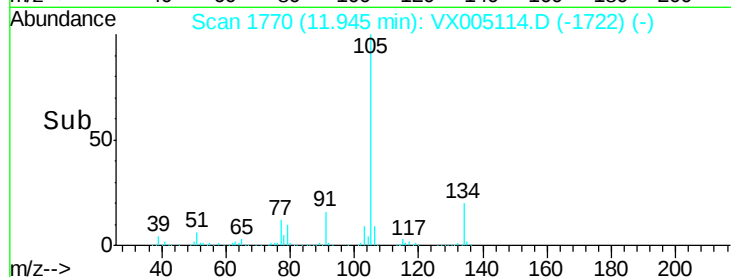
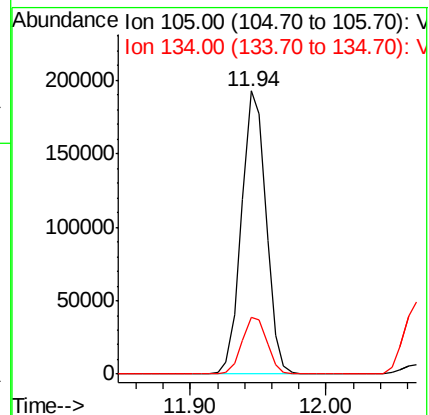
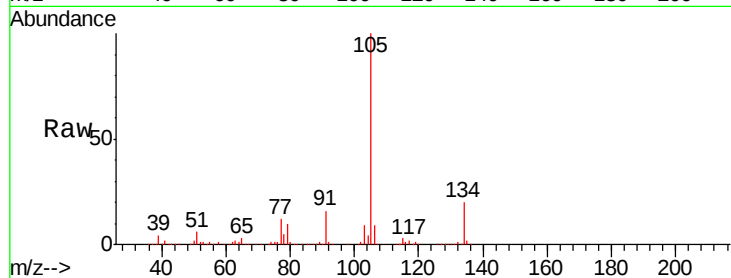
134 20.3 10.2 30.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 19.96 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

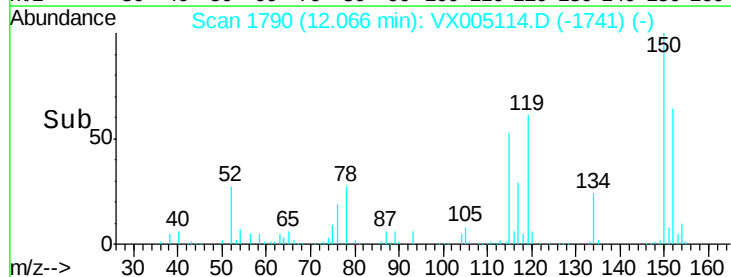
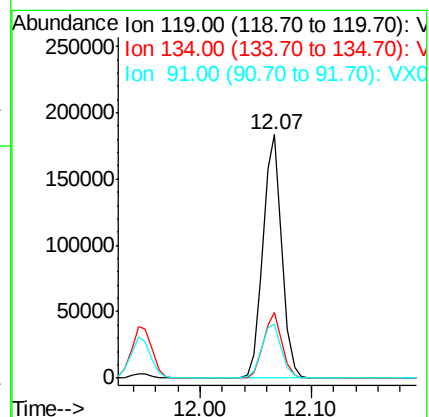
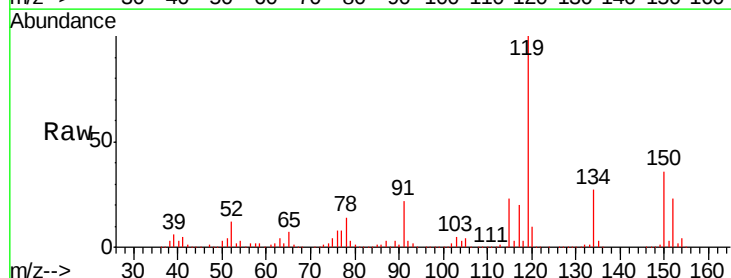
Tgt Ion:119 Resp: 217079

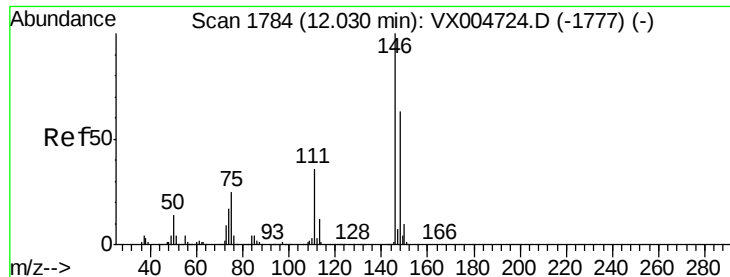
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 23.7 11.5 34.4





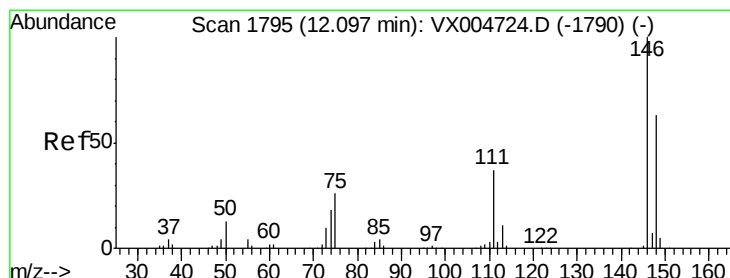
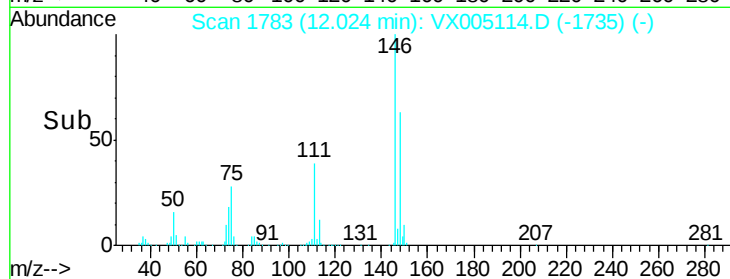
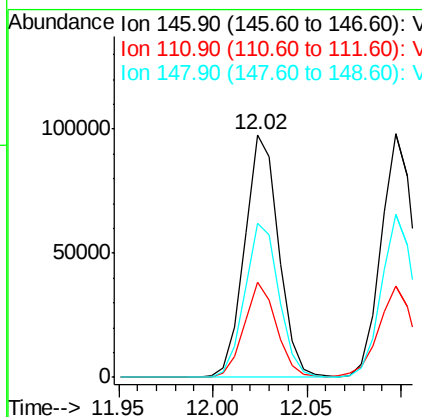
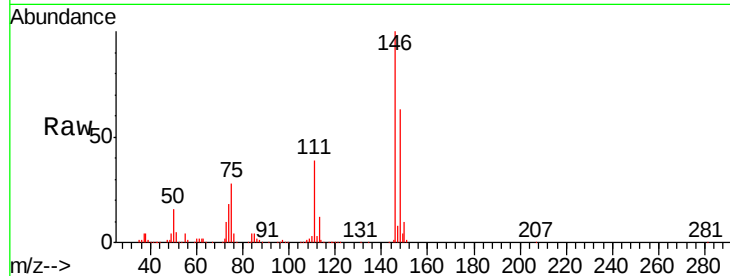
#87
 1,3-Dichlorobenzene
 Concen: 18.84 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX005114.D
 Acq: 08 Oct 2018 09:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	122297		
111	37.4	18.9	56.9	
148	63.9	31.8	95.3	

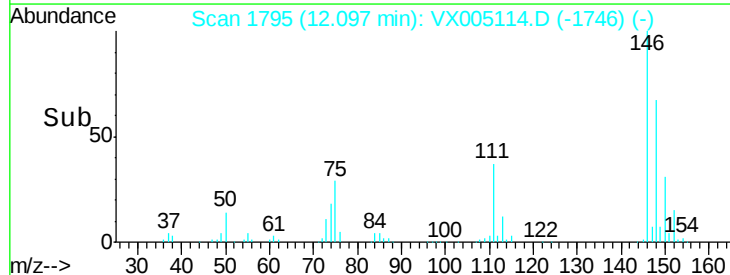
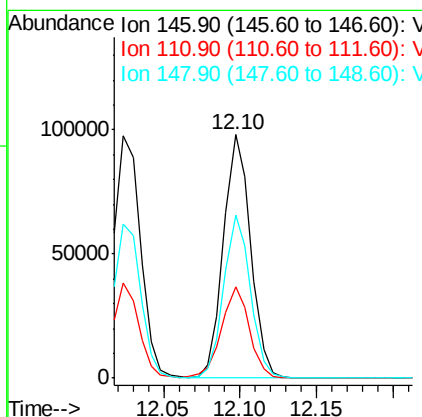
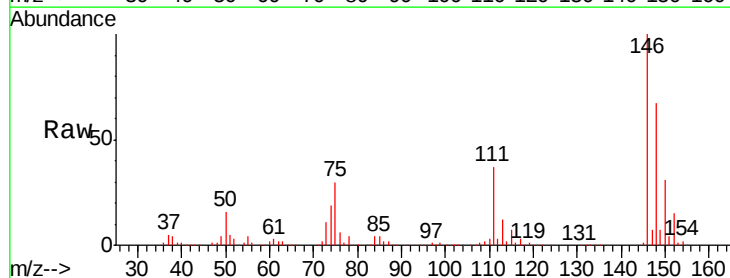
Manual Integrations
 APPROVED

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#88
 1,4-Dichlorobenzene
 Concen: 18.12 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005114.D
 Acq: 08 Oct 2018 09:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	121389		
111	38.4	18.4	55.2	
148	66.0	32.0	96.0	





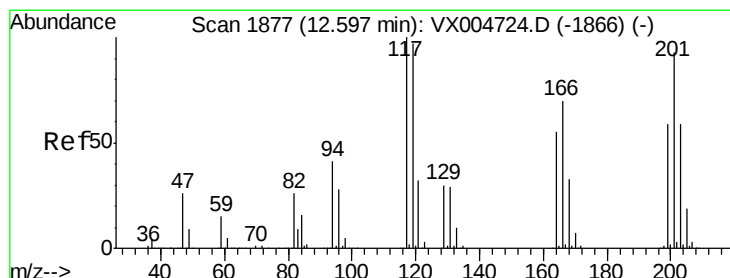
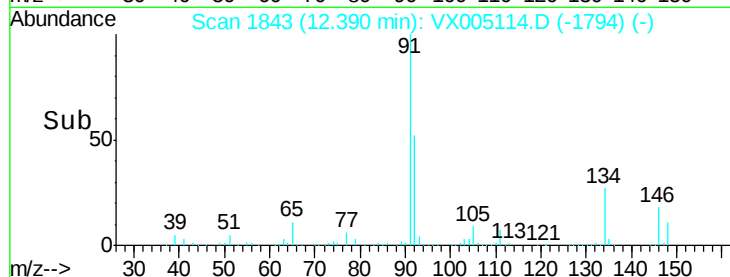
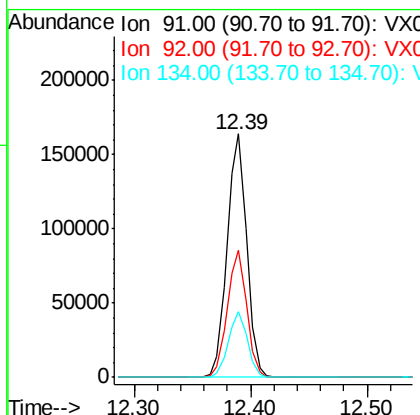
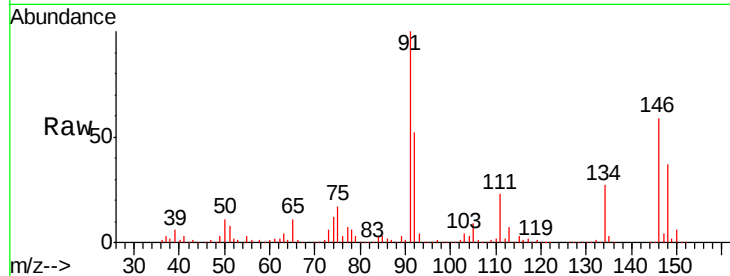
#89
n-Butylbenzene
Concen: 19.33 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005114.D
Acq: 08 Oct 2018 09:20

Instrument :
MSVOA_X
ClientSampleId :
VX1008WBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.0	78.0
134	26.5	13.2	39.6

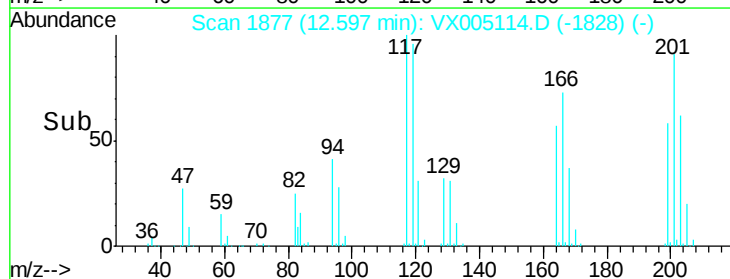
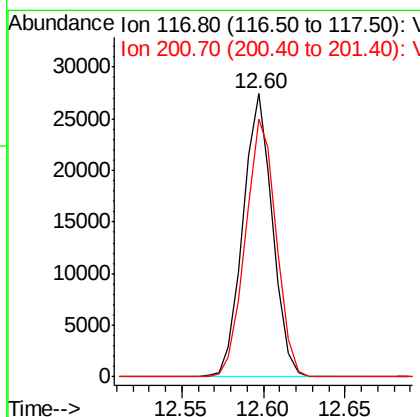
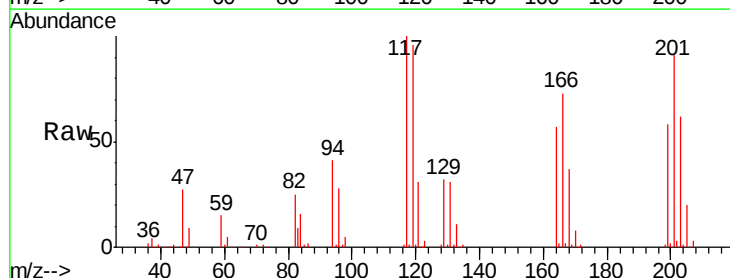
Manual Integrations
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#90
Hexachloroethane
Concen: 19.09 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005114.D
Acq: 08 Oct 2018 09:20

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.9	48.4	145.0





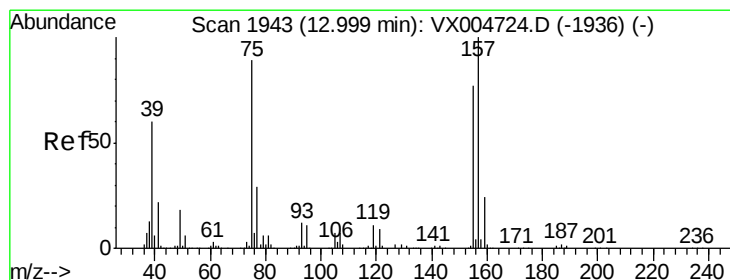
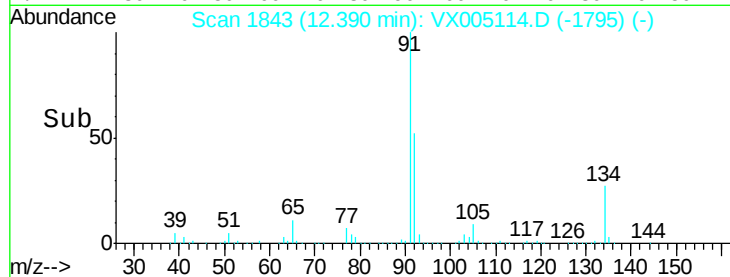
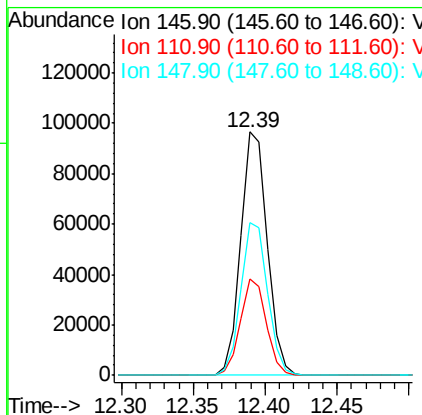
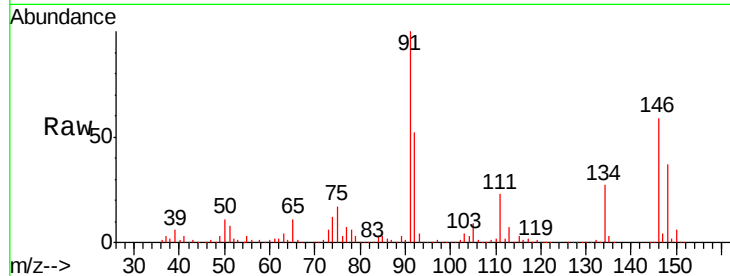
#91
 1,2-Dichlorobenzene
 Concen: 18.24 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX005114.D
 Acq: 08 Oct 2018 09:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.6	58.7
148	63.3	31.8	95.4

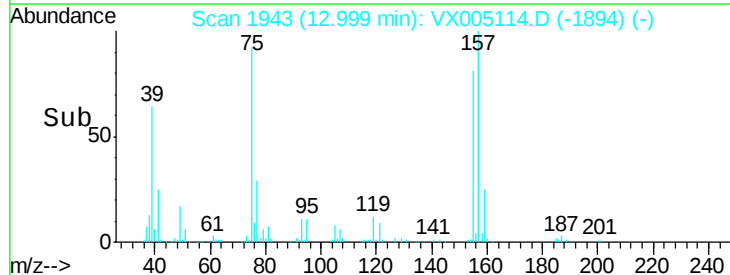
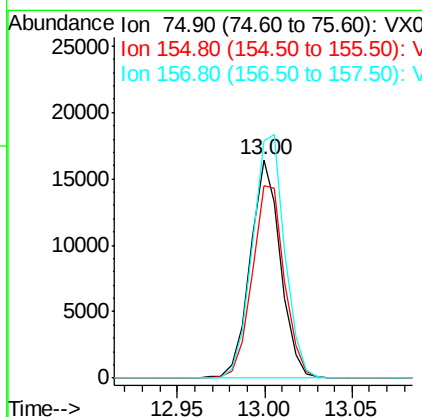
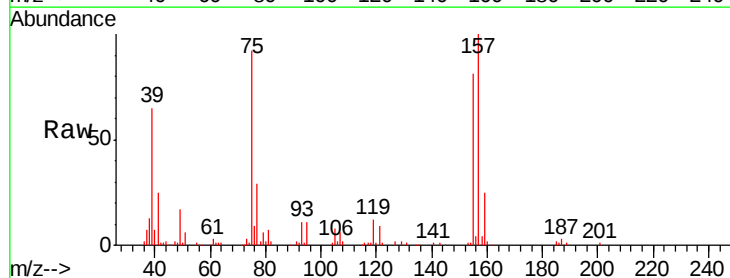
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.36 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005114.D
 Acq: 08 Oct 2018 09:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.0	46.1	138.3
157	119.2	60.2	180.6





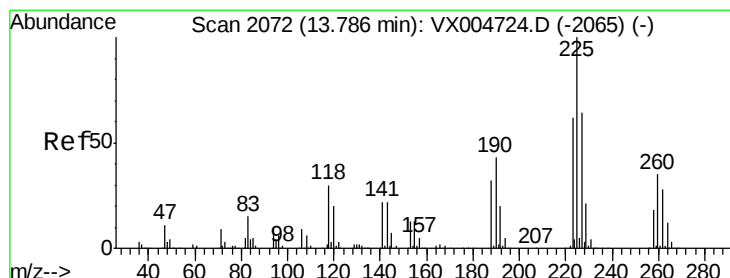
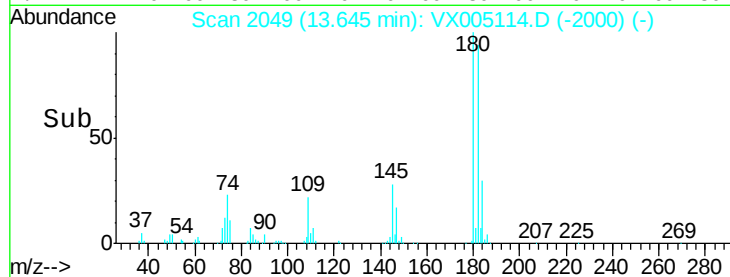
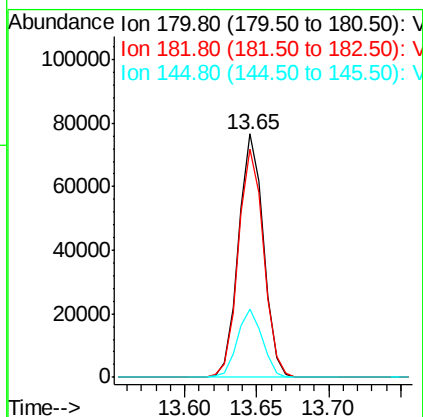
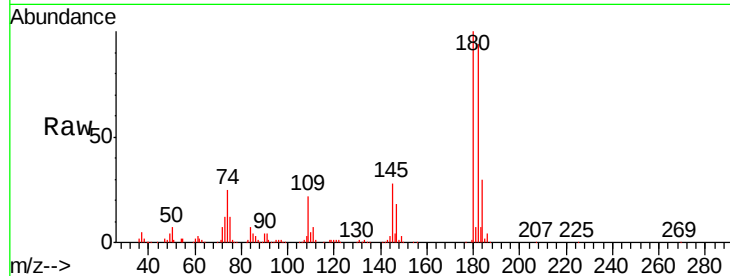
#93
 1,2,4-Trichlorobenzene
 Concen: 19.37 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005114.D
 Acq: 08 Oct 2018 09:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1008WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	92188		
182	94.9	47.8	143.4	
145	28.3	14.1	42.4	

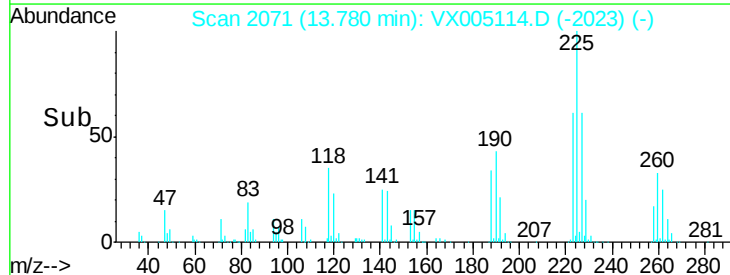
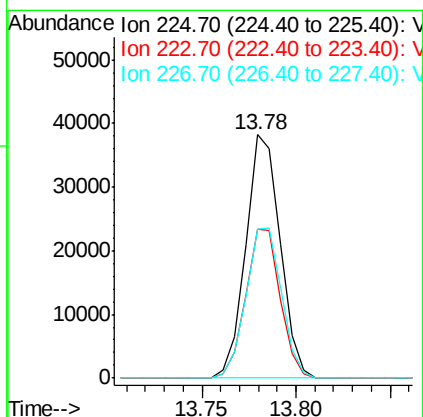
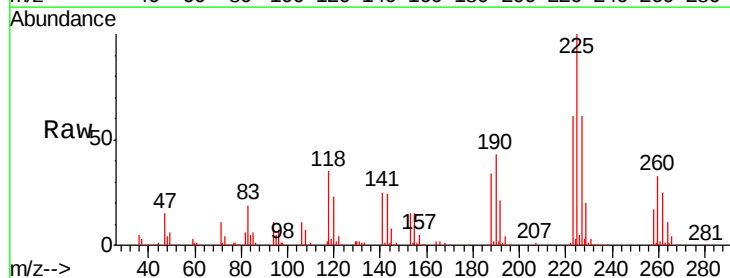
Manual Integrations
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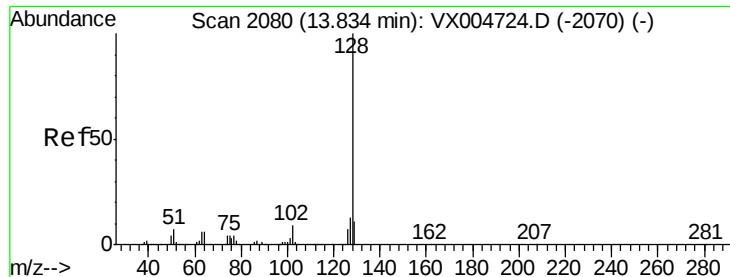
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 19.59 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005114.D
 Acq: 08 Oct 2018 09:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	48352		
223	61.4	31.3	93.8	
227	63.8	31.9	95.5	





#95

Naphthalene

Concen: 17.83 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Instrument :

MSVOA_X

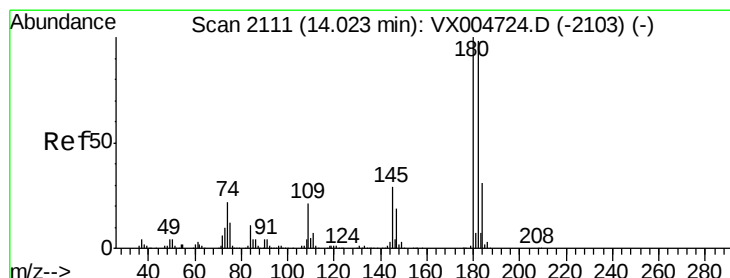
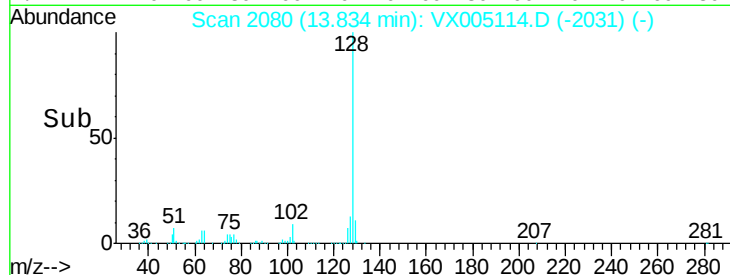
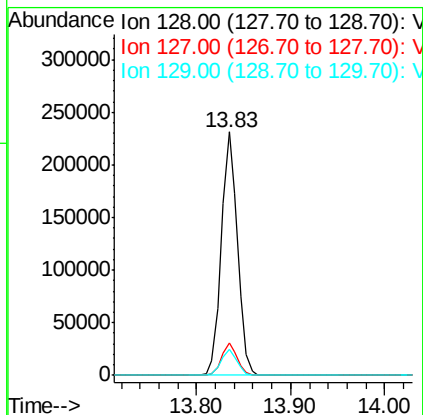
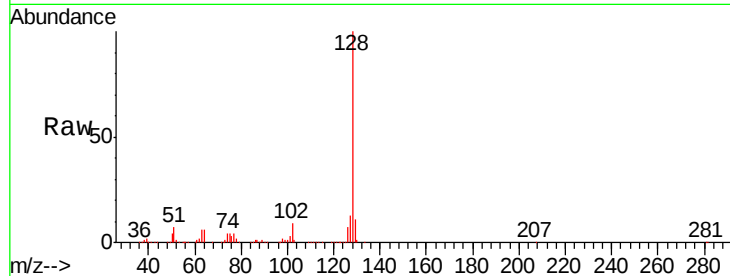
ClientSampleId :

VX1008WBS01

Tgt Ion:	128	Resp:	274122
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.6	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/9/2018 1:47:47 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.15 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX005114.D

Acq: 08 Oct 2018 09:20

Tgt Ion:	180	Resp:	94112
Ion Ratio	Lower	Upper	
180	100		
182	97.6	47.9	143.8
145	30.1	15.0	45.0

