

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
 Data File : VX005214.D
 Acq On : 10 Oct 2018 18:40
 Operator : JC/MD
 Sample : VX1010WBS03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS03

Manual Integrations
 APPROVED

MMDadoda
 10/12/2018 11:45:00 AM

Quant Time: Oct 11 07:03:57 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	5.67	168	188111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	285778	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	282744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173228	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	135205	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
35) Dibromofluoromethane	5.50	113	117412	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
50) Toluene-d8	8.72	98	444489	55.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.40%	
62) 4-Bromofluorobenzene	11.14	95	165723	57.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	51645	20.14	ug/l	100
3) Chloromethane	1.32	50	57643	18.52	ug/l	97
4) Vinyl Chloride	1.40	62	55484	19.01	ug/l	99
5) Bromomethane	1.64	94	31467	18.18	ug/l	97
6) Chloroethane	1.72	64	34839	20.53	ug/l	94
7) Trichlorofluoromethane	1.93	101	72832	20.16	ug/l	92
8) Diethyl Ether	2.19	74	27976	17.82	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	39795	19.34	ug/l	99
10) Methyl Iodide	2.51	142	42574	15.46	ug/l	91
11) Tert butyl alcohol	3.07	59	76955	102.42	ug/l	99
12) 1,1-Dichloroethene	2.37	96	37550	18.42	ug/l	92
13) Acrolein	2.29	56	45514	85.14	ug/l	93
14) Allyl chloride	2.73	41	85957	19.33	ug/l	95
15) Acrylonitrile	3.15	53	160207	96.86	ug/l	95
16) Acetone	2.45	43	164710	104.99	ug/l	95
17) Carbon Disulfide	2.57	76	109233	17.83	ug/l	98
18) Methyl Acetate	2.78	43	84736	21.32	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	139345	19.82	ug/l	97
20) Methylene Chloride	2.85	84	44448	18.97	ug/l	88
21) trans-1,2-Dichloroethene	3.16	96	40864	18.31	ug/l	84
22) Diisopropyl ether	3.87	45	137177	18.32	ug/l	97
23) Vinyl Acetate	3.82	43	624622	91.12	ug/l	97
24) 1,1-Dichloroethane	3.70	63	82930	18.56	ug/l	99
25) 2-Butanone	4.71	43	215598	93.23	ug/l	96
26) 2,2-Dichloropropane	4.58	77	59170	19.02	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	43182	17.32	ug/l	94
28) Bromochloromethane	5.02	49	40238	19.13	ug/l	97
29) Tetrahydrofuran	5.17	42	133577	92.94	ug/l	98
30) Chloroform	5.21	83	75249	17.82	ug/l	99
31) Cyclohexane	5.57	56	62637	18.32	ug/l	88
32) 1,1,1-Trichloroethane	5.49	97	63159	18.32	ug/l	96
36) 1,1-Dichloropropene	5.80	75	52552	15.90	ug/l	95
37) Ethyl Acetate	4.86	43	72531	16.54	ug/l	98
38) Carbon Tetrachloride	5.78	117	55847	16.08	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	58385	17.30	ug/l	87
40) Benzene	6.15	78	162859	15.74	ug/l	96
41) Methacrylonitrile	5.07	41	39096	16.07	ug/l	96
42) 1,2-Dichloroethane	6.20	62	60785	16.62	ug/l	97
43) Isopropyl Acetate	6.47	43	104032	16.43	ug/l	96
44) Trichloroethene	7.21	130	50845	19.99	ug/l	98
45) 1,2-Dichloropropane	7.52	63	44625	17.59	ug/l	99
46) Dibromomethane	7.66	93	28745	18.03	ug/l	99
47) Bromodichloromethane	7.90	83	53816	18.03	ug/l	96
48) Methyl methacrylate	7.78	41	53515	18.62	ug/l	98
49) 1,4-Dioxane	7.76	88	26341	368.96	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	380606	95.48	ug/l	99
52) Toluene	8.79	92	101541	17.86	ug/l	95
53) t-1,3-Dichloropropene	9.04	75	57921	17.17	ug/l	91
54) cis-1,3-Dichloropropene	8.44	75	65466	18.53	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	43703	17.55	ug/l	96
56) Ethyl methacrylate	9.18	69	61982	17.32	ug/l	97
57) 1,3-Dichloropropane	9.37	76	72220	17.43	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	180351	93.51	ug/l	99
59) 2-Hexanone	9.50	43	302694	91.12	ug/l	94
60) Dibromochloromethane	9.59	129	43338	17.40	ug/l	99
61) 1,2-Dibromoethane	9.67	107	45277	16.98	ug/l	96
64) Tetrachloroethene	9.34	164	44576	16.02	ug/l	95
65) Chlorobenzene	10.14	112	113797	15.70	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	41978	16.47	ug/l	98
67) Ethyl Benzene	10.26	91	186201	16.18	ug/l	97
68) m/p-Xylenes	10.36	106	147212	32.73	ug/l	95
69) o-Xylene	10.70	106	69909	16.92	ug/l	99
70) Styrene	10.71	104	118288	16.79	ug/l	99
71) Bromoform	10.86	173	34852	15.97	ug/l #	96
73) Isopropylbenzene	11.02	105	191198	17.51	ug/l	100
74) N-amyl acetate	10.90	43	86439	15.65	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	69771	15.70	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	65143m	16.78	ug/l	
77) Bromobenzene	11.26	156	53082	16.74	ug/l	98
78) n-propylbenzene	11.36	91	218591	17.45	ug/l	99
79) 2-Chlorotoluene	11.42	91	134258	17.19	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	164599	16.31	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	19018	14.82	ug/l	96
82) 4-Chlorotoluene	11.51	91	157185	17.10	ug/l	99
83) tert-Butylbenzene	11.77	119	160250	17.83	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	168002	16.14	ug/l	98
85) sec-Butylbenzene	11.94	105	193039	17.63	ug/l	99
86) p-Isopropyltoluene	12.07	119	170755	17.21	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	97161	16.41	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	98961	16.19	ug/l	99
89) n-Butylbenzene	12.39	91	146528	16.26	ug/l	100
90) Hexachloroethane	12.60	117	27489	16.64	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	96539	15.60	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15681	16.07	ug/l	98

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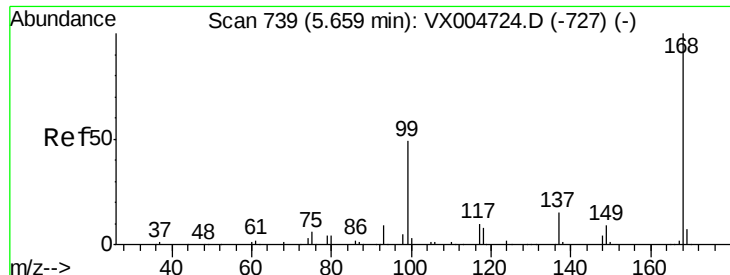
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	69252	15.95	ug/l	99
94) Hexachlorobutadiene	13.79	225	36267	16.11	ug/l	98
95) Naphthalene	13.83	128	211004	15.15	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	73243	16.33	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS03

Tgt Ion: 168 Resp: 188111

Ion Ratio Lower Upper

168 100

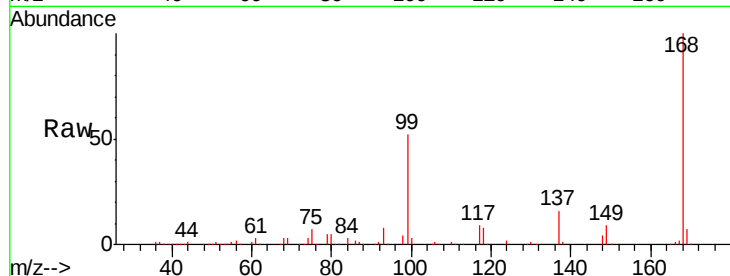
99 51.6 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

40000

20000

0

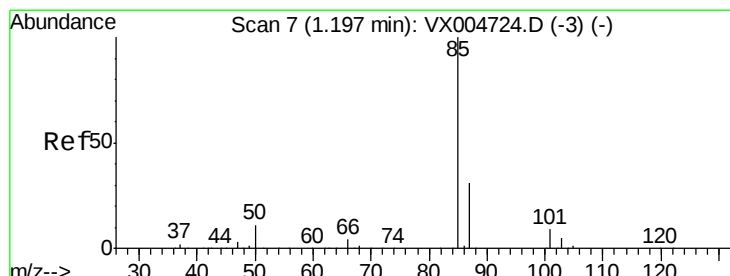
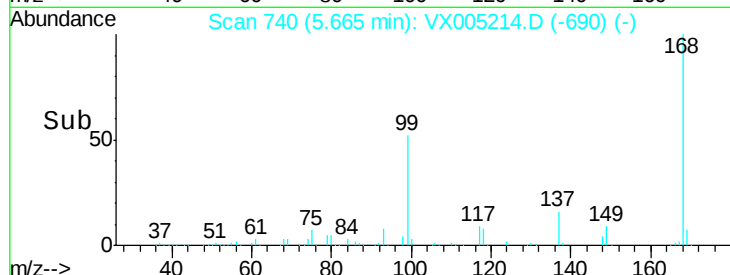
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 20.14 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005214.D

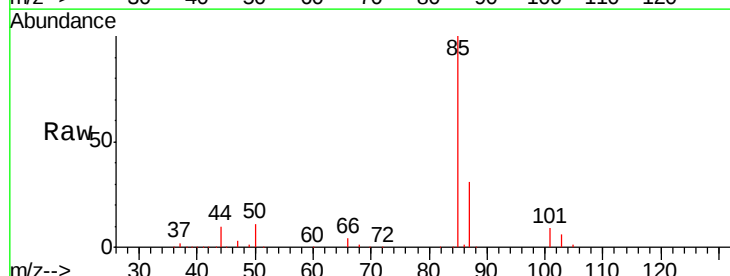
Acq: 10 Oct 2018 18:40

Tgt Ion: 85 Resp: 51645

Ion Ratio Lower Upper

85 100

87 31.2 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

20000

10000

0

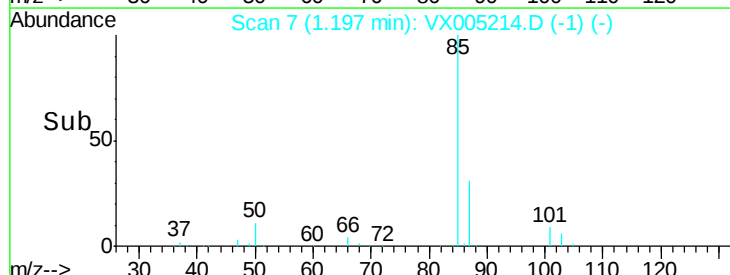
Time-->

1.15

1.20

1.25

1.30





#3

Chloromethane

Concen: 18.52 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS03

Tgt Ion: 50 Resp: 57643

Ion Ratio Lower Upper

50 100

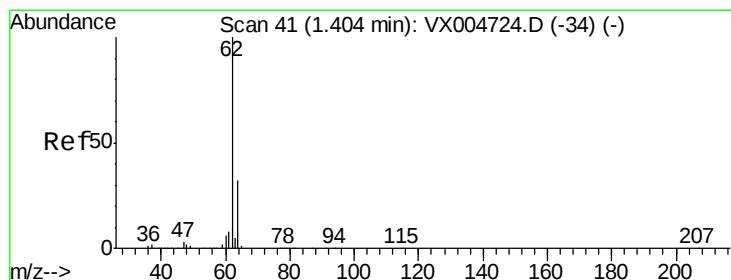
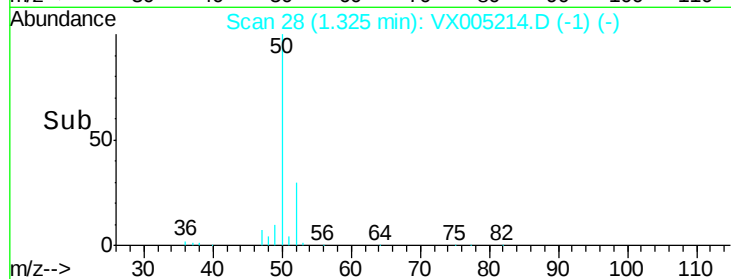
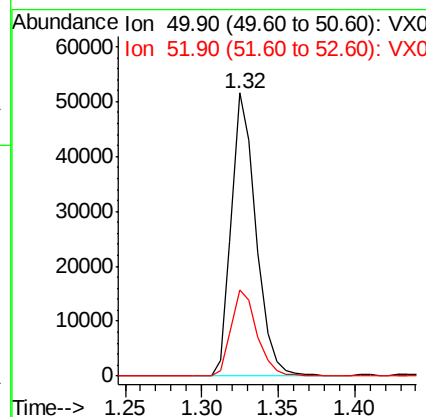
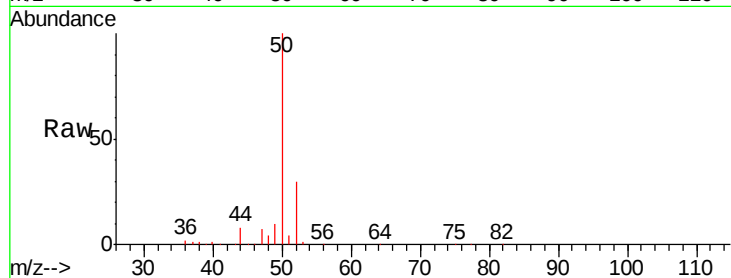
52 30.3 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.01 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005214.D

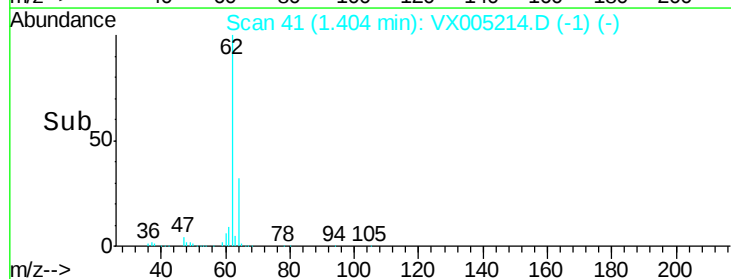
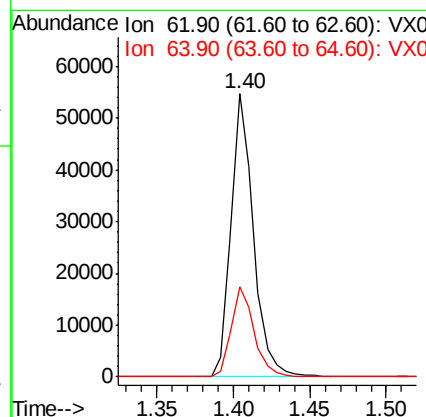
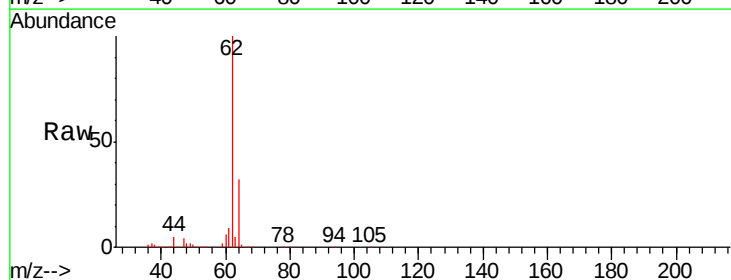
Acq: 10 Oct 2018 18:40

Tgt Ion: 62 Resp: 55484

Ion Ratio Lower Upper

62 100

64 31.5 25.5 38.3





#5

Bromomethane

Concen: 18.18 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS03

Tgt Ion: 94 Resp: 31467

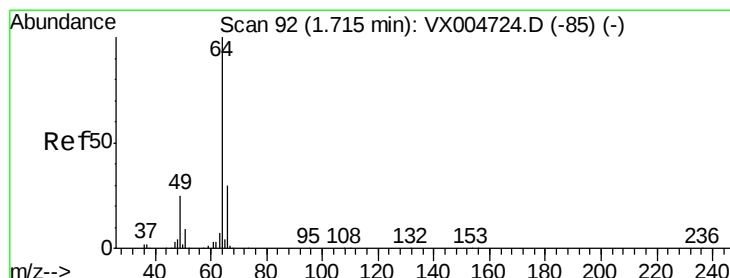
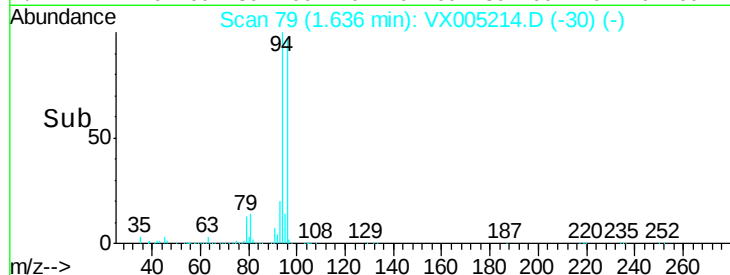
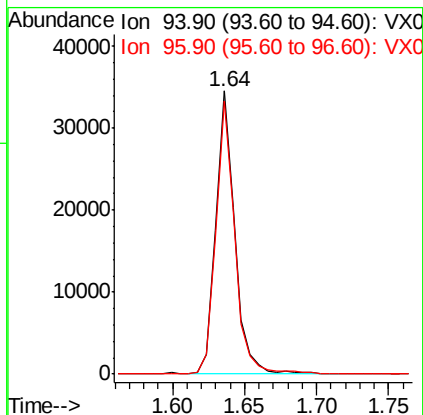
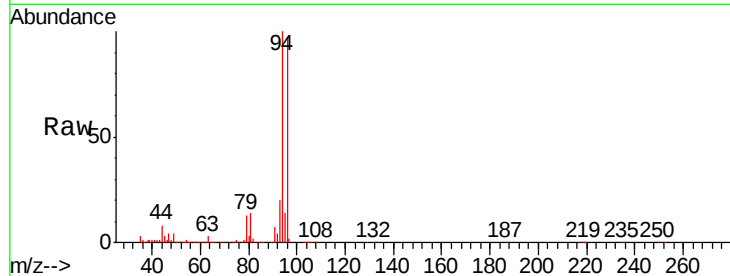
Ion Ratio Lower Upper

94 100

96 96.5 79.5 119.3

Manual Integrations
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10/12/2018 11:45:00 AM



#6

Chloroethane

Concen: 20.53 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005214.D

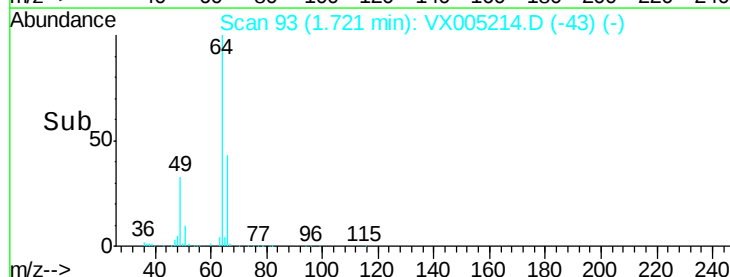
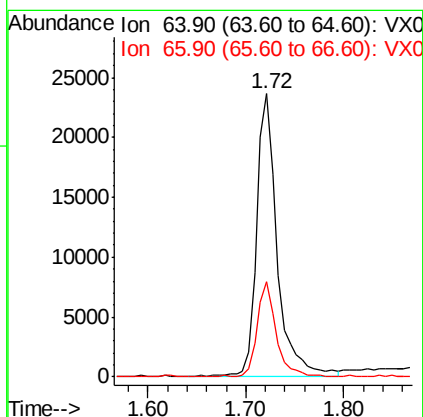
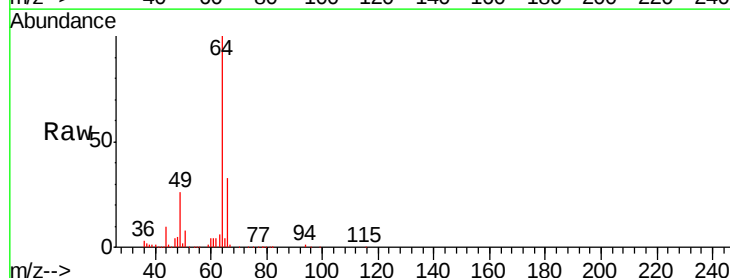
Acq: 10 Oct 2018 18:40

Tgt Ion: 64 Resp: 34839

Ion Ratio Lower Upper

64 100

66 33.1 23.8 35.6





#7

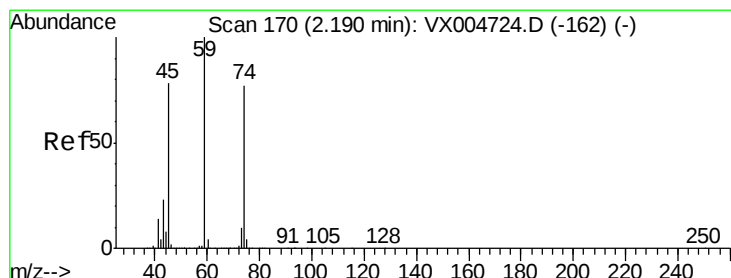
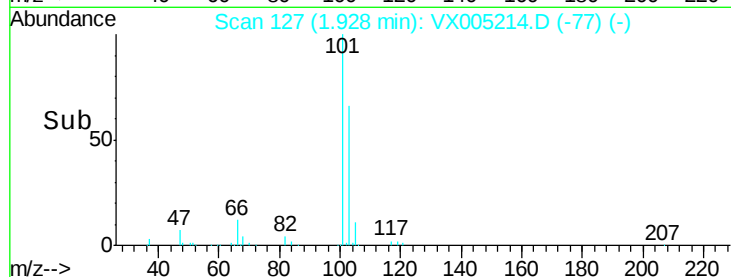
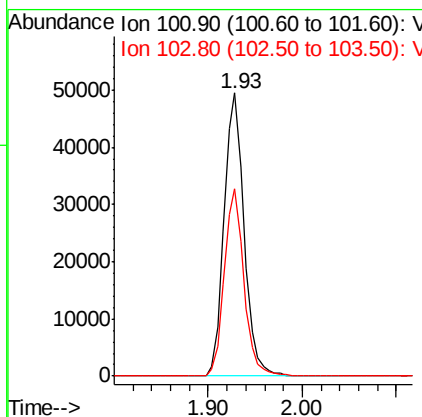
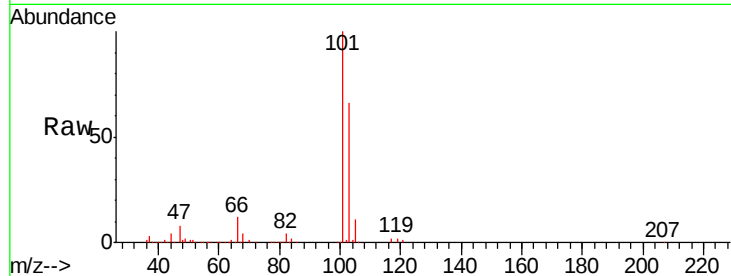
Trichlorofluoromethane
 Concen: 20.16 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005214.D
 Acq: 10 Oct 2018 18:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS03

Tgt Ion: 101 Resp: 72832
 Ion Ratio Lower Upper
 101 100
 103 66.4 48.4 72.6

Manual Integrations
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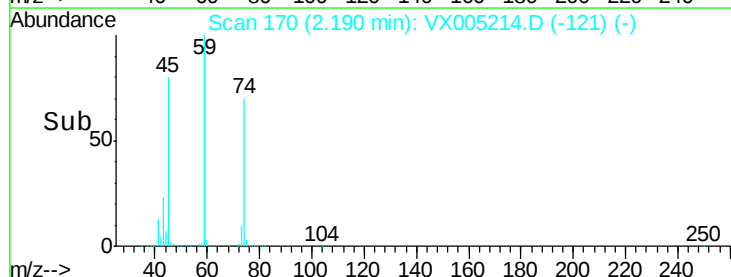
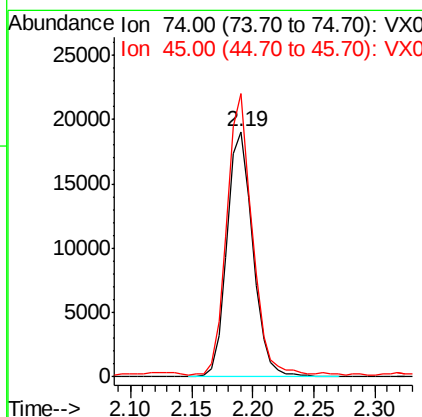
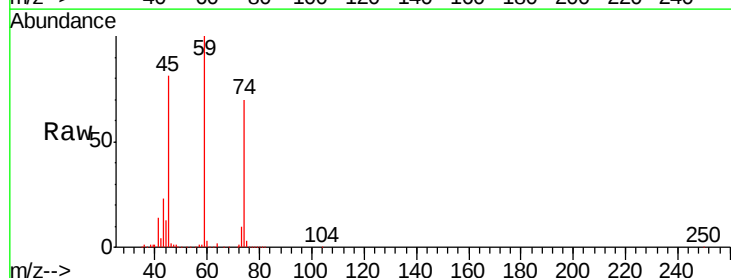
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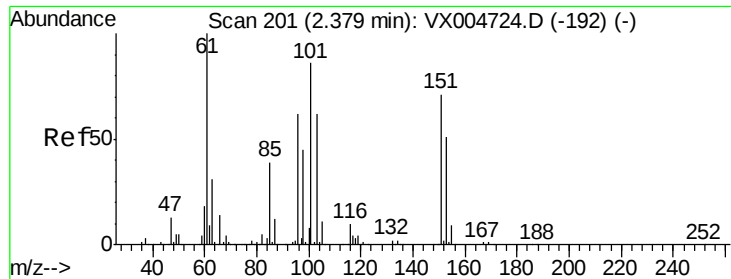


#8

Diethyl Ether
 Concen: 17.82 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX005214.D
 Acq: 10 Oct 2018 18:40

Tgt Ion: 74 Resp: 27976
 Ion Ratio Lower Upper
 74 100
 45 110.4 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.34 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

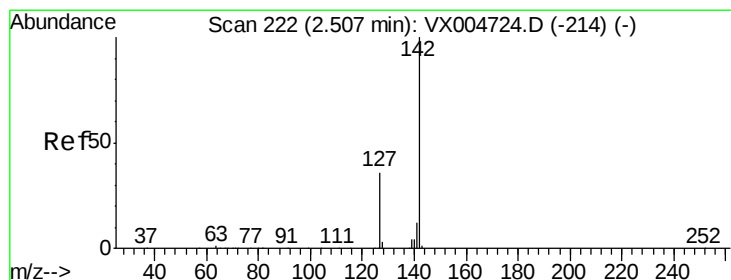
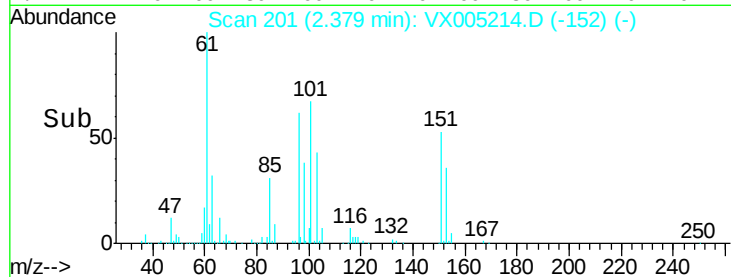
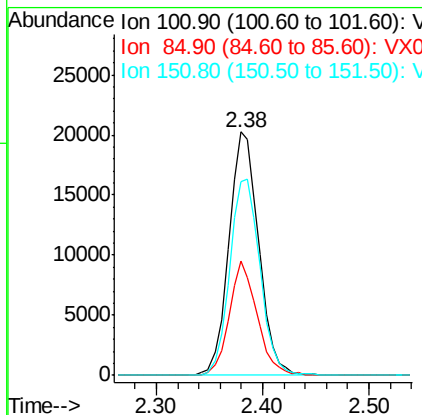
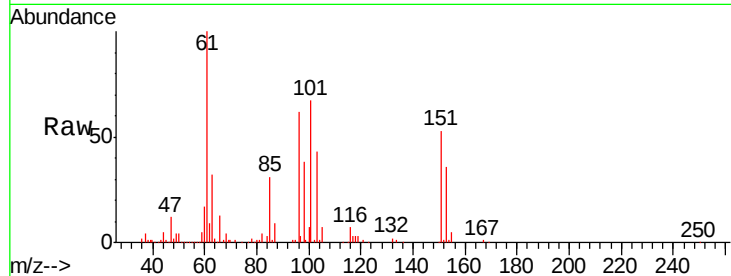
ClientSampleId :

VX1010WBS03

Tgt Ion:	101	Resp:	39795
Ion Ratio	Lower	Upper	
101	100		
85	43.9	35.9	53.9
151	82.0	66.6	100.0

Manual Integrations
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10/12/2018 11:45:00 AM



#10

Methyl Iodide

Concen: 15.46 ug/l

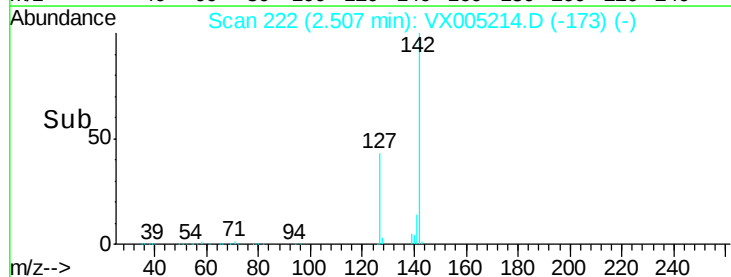
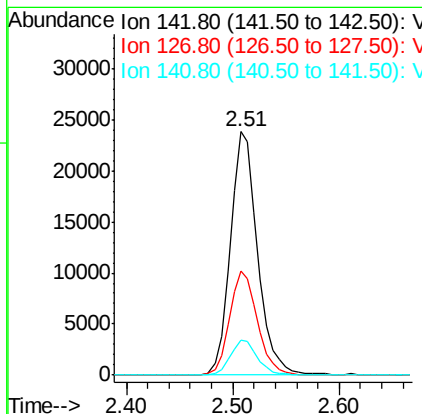
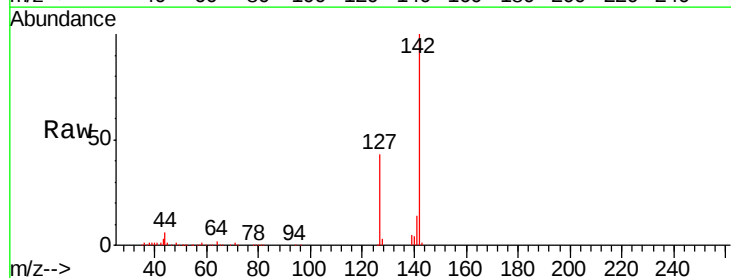
RT: 2.51 min Scan# 222

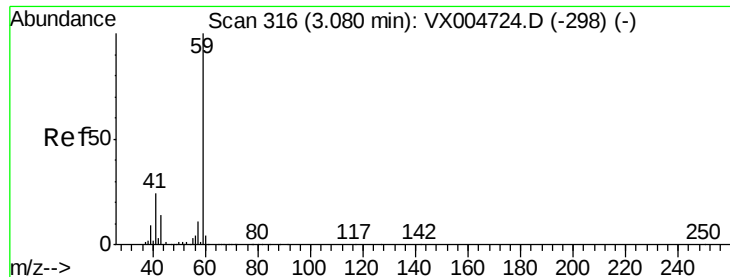
Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Tgt Ion:	142	Resp:	42574
Ion Ratio	Lower	Upper	
142	100		
127	43.8	30.1	45.1
141	14.2	10.1	15.1





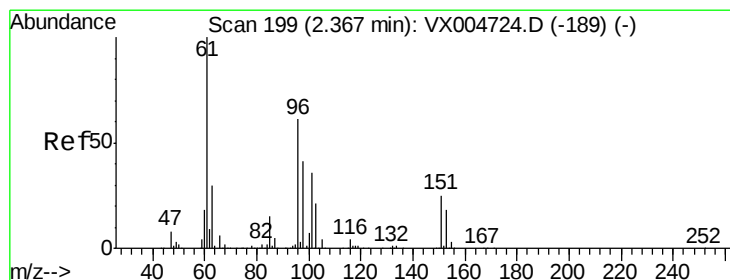
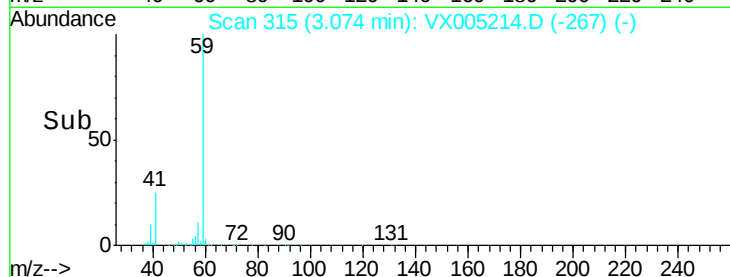
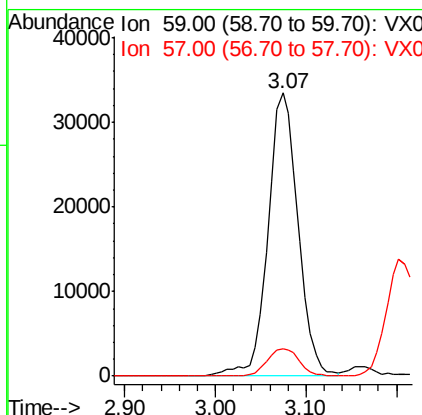
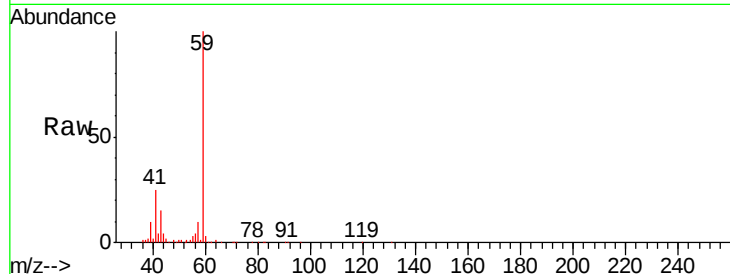
#11
Tert butyl alcohol
Concen: 102.42 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS03

Tgt Ion: 59 Resp: 76955
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8

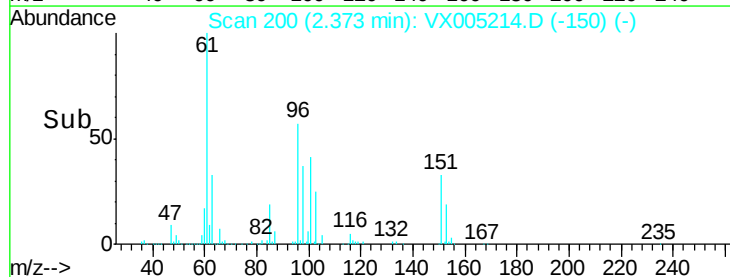
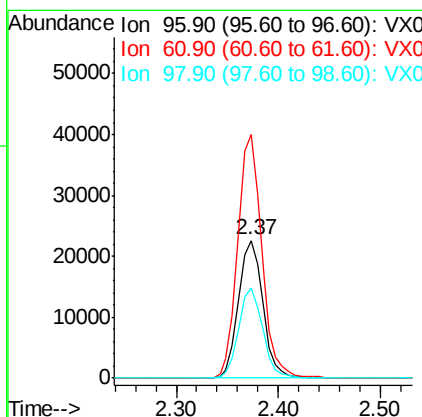
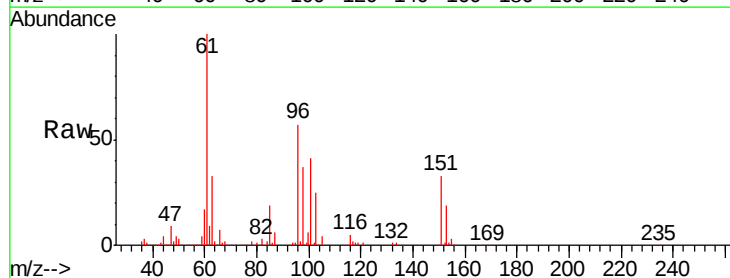
Manual Integrations
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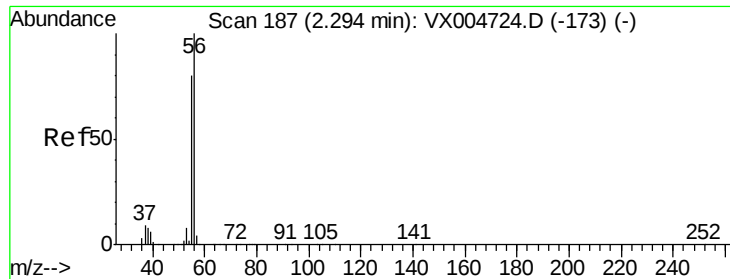
MMDadoda
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#12
1,1-Dichloroethene
Concen: 18.42 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Tgt Ion: 96 Resp: 37550
Ion Ratio Lower Upper
96 100
61 177.0 130.2 195.4
98 65.8 53.4 80.0





#13

Acrolein

Concen: 85.14 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS03

Tgt Ion: 56 Resp: 45514

Ion Ratio Lower Upper

56 100

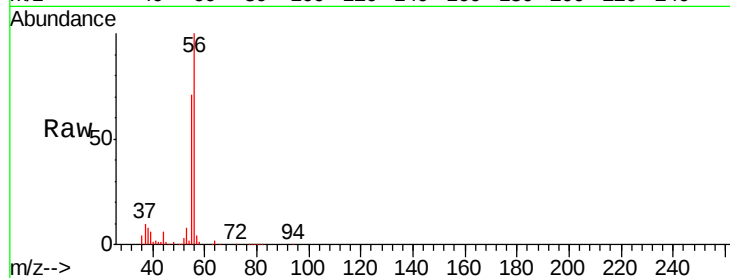
55 72.9 63.4 95.2

Manual Integrations

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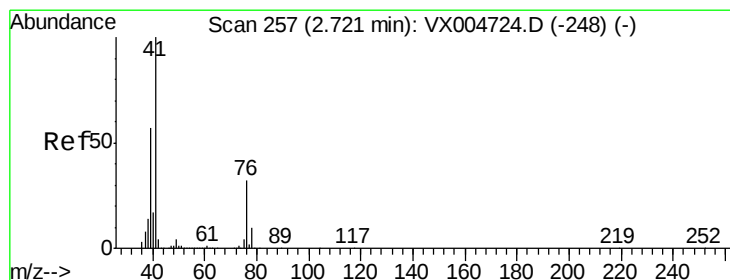
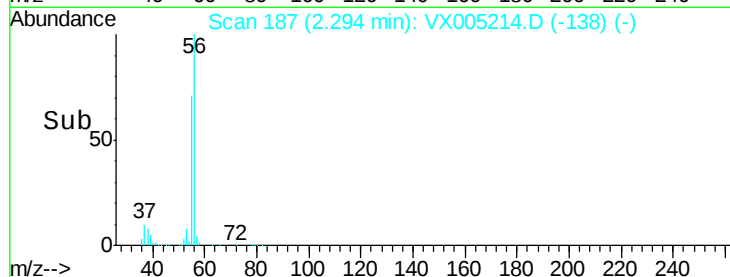
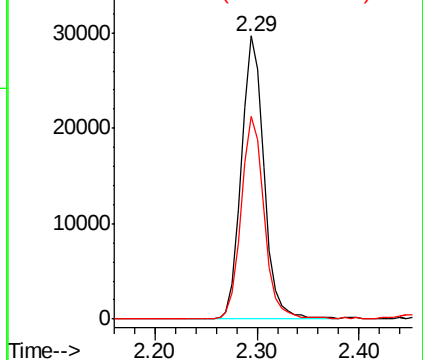
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.33 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

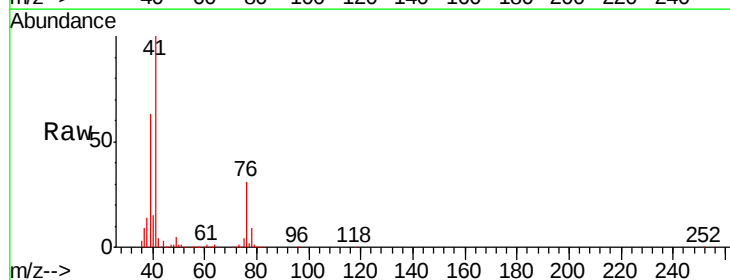
Tgt Ion: 41 Resp: 85957

Ion Ratio Lower Upper

41 100

39 58.4 44.1 66.1

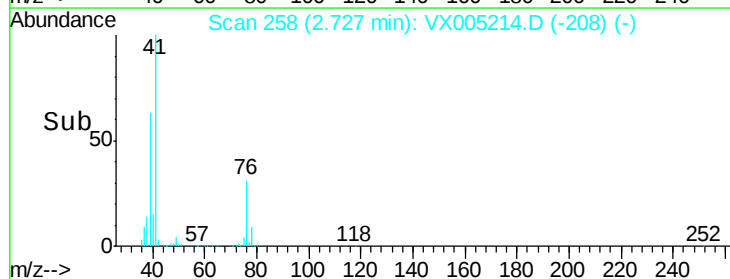
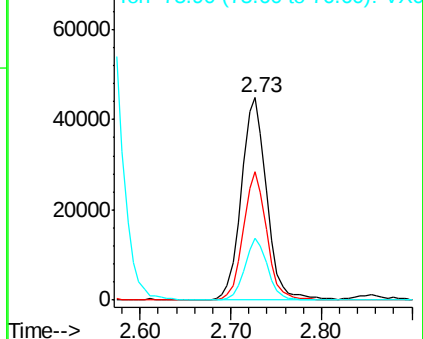
76 27.9 25.0 37.4



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 96.86 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

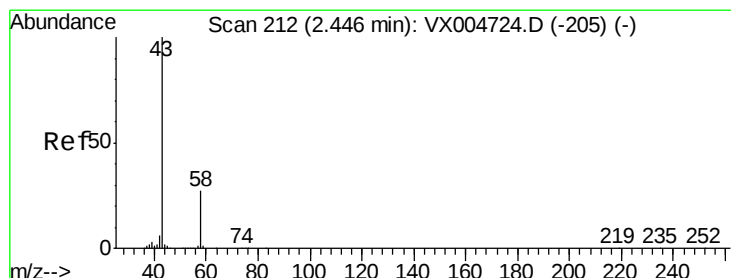
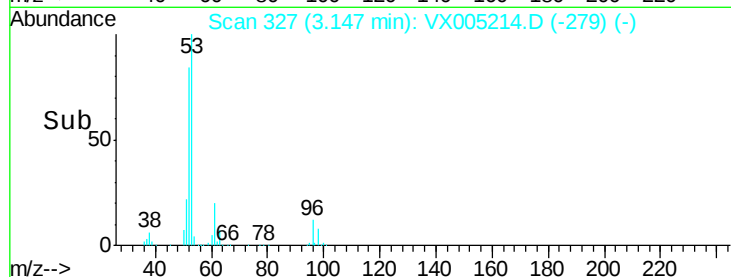
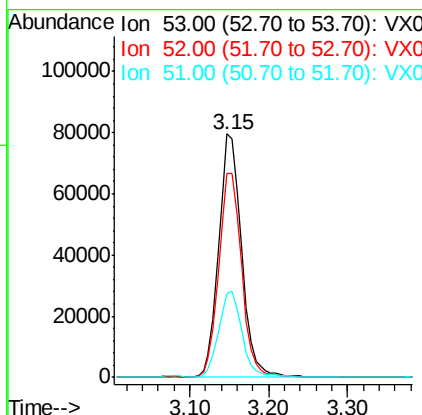
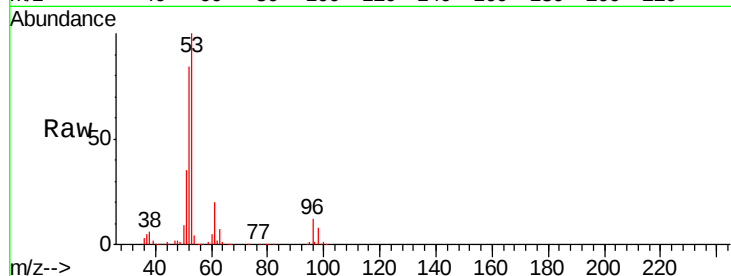
ClientSampleId :

VX1010WBS03

Tgt Ion:	53	Resp:	160207
Ion	Ratio	Lower	Upper
53	100		
52	84.2	63.0	94.4
51	36.3	28.6	42.8

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#16

Acetone

Concen: 104.99 ug/l

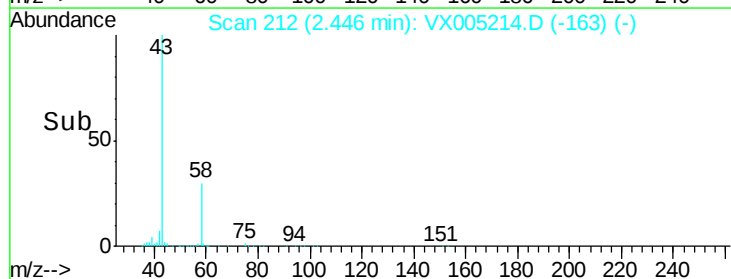
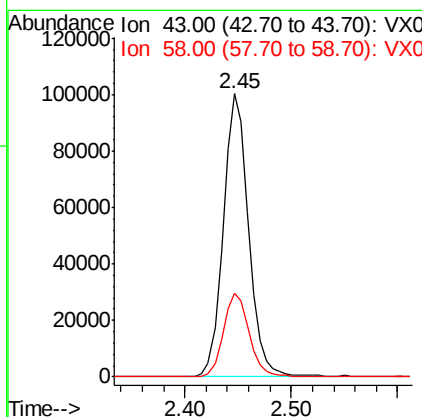
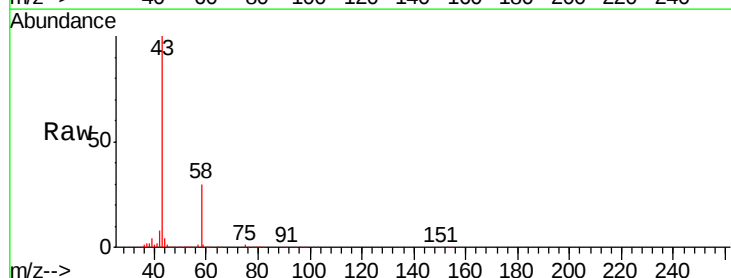
RT: 2.45 min Scan# 212

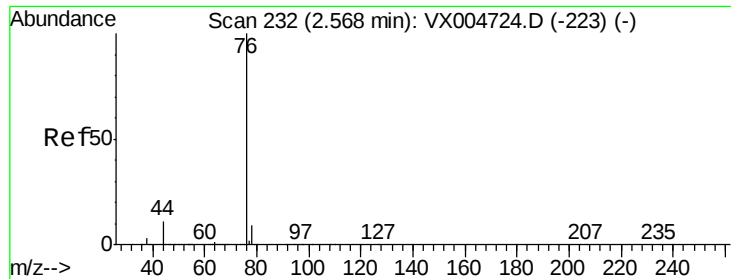
Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Tgt Ion:	43	Resp:	164710
Ion	Ratio	Lower	Upper
43	100		
58	29.8	21.8	32.6





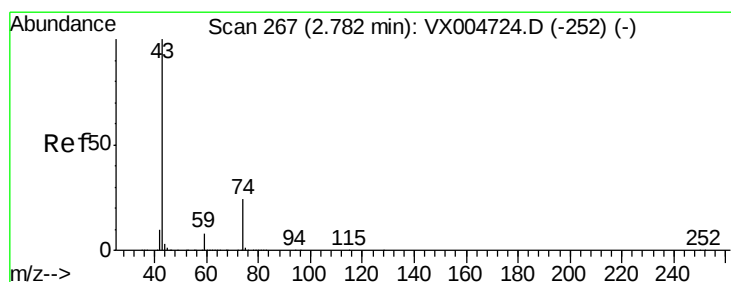
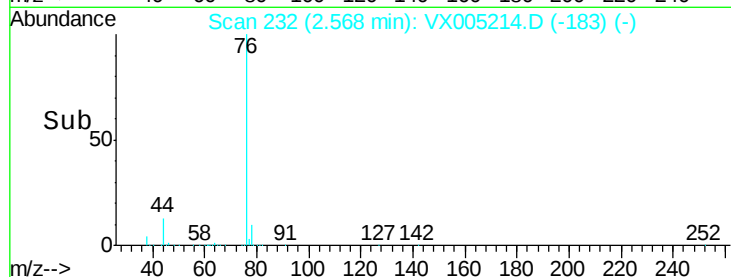
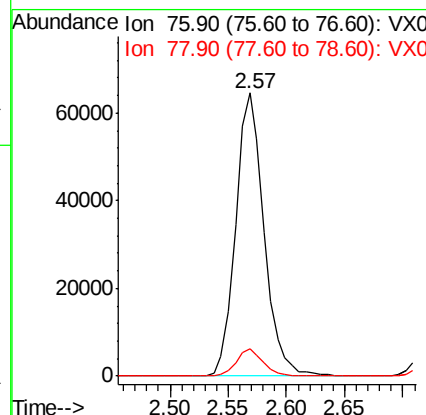
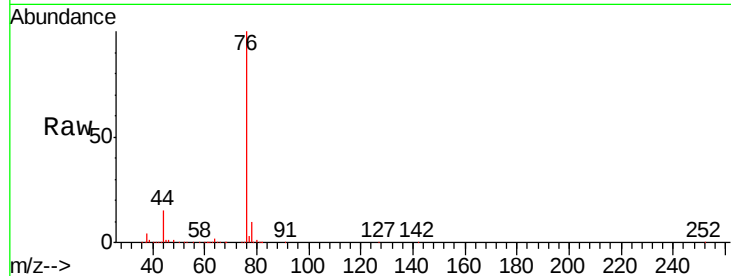
#17
Carbon Disulfide
Concen: 17.83 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS03

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.0	10.6

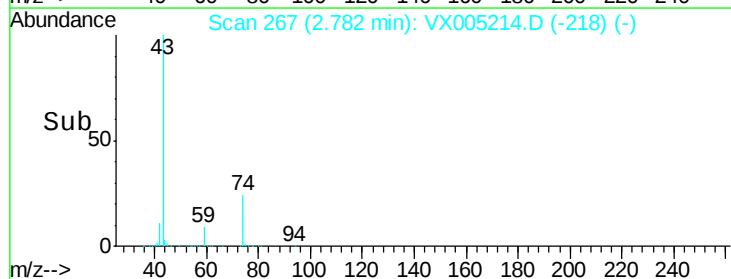
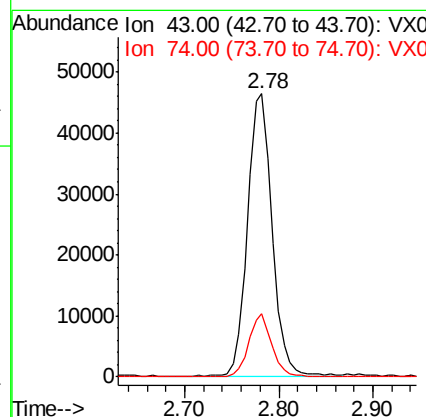
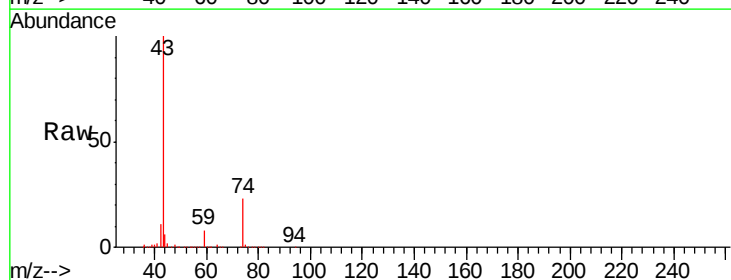
Manual Integrations
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#18
Methyl Acetate
Concen: 21.32 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.0	17.8	26.8





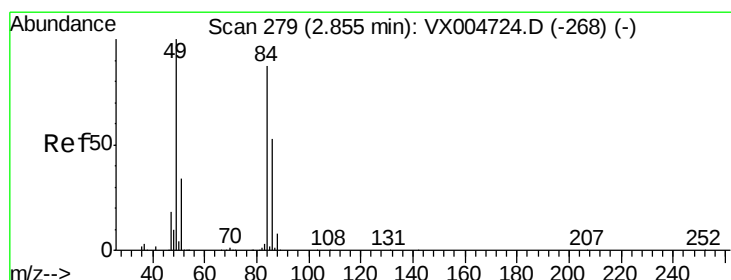
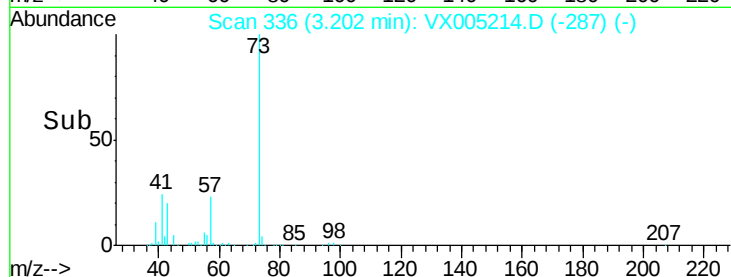
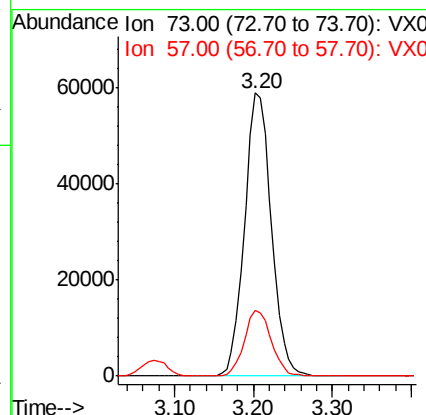
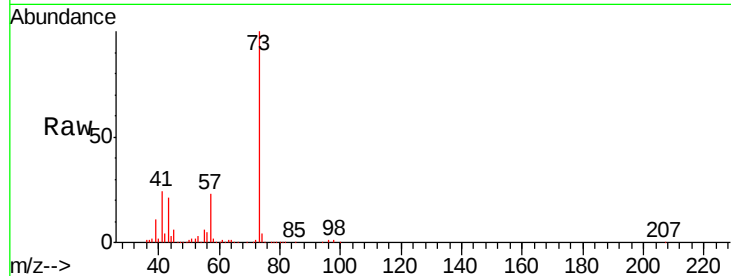
#19
Methyl tert-butyl Ether
Concen: 19.82 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS03

Tgt Ion	Ratio	Lower	Upper
73	100		
57	23.3	19.9	29.9

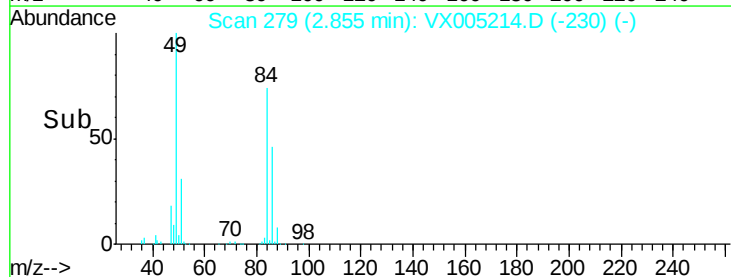
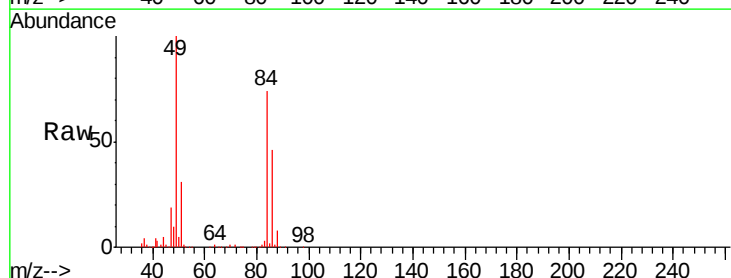
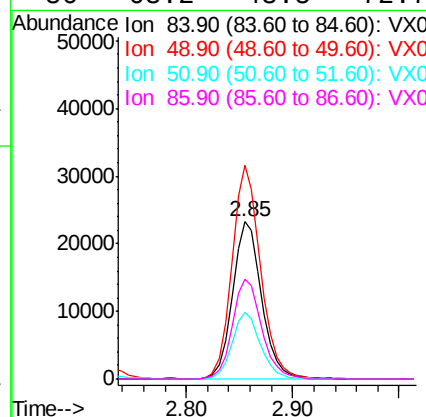
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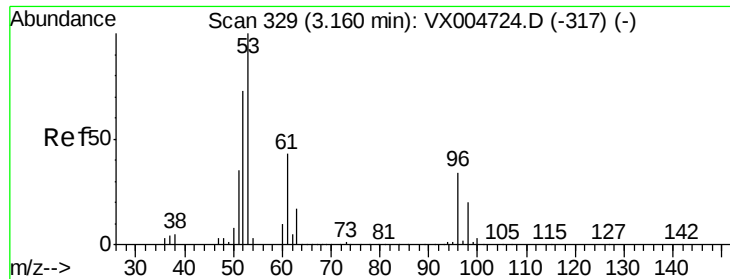
MMDadoda
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#20
Methylene Chloride
Concen: 18.97 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Tgt Ion	Ratio	Lower	Upper
84	100		
49	135.9	92.3	138.5
51	42.6	31.8	47.6
86	63.2	48.5	72.7





#21

trans-1,2-Dichloroethene

Concen: 18.31 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

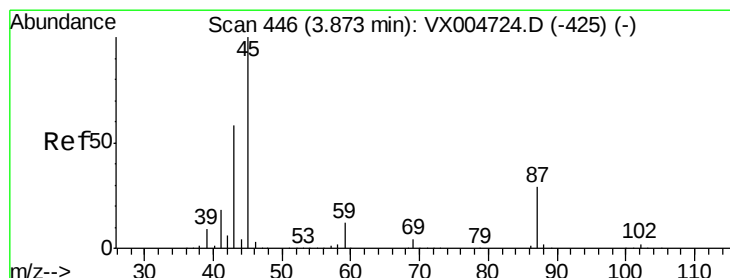
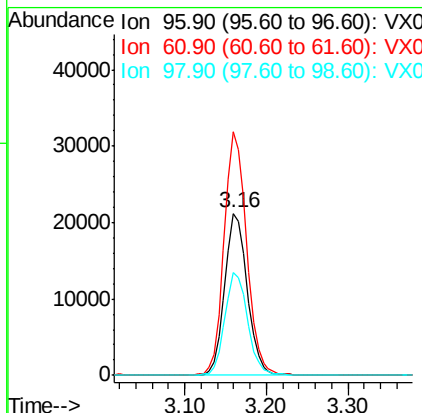
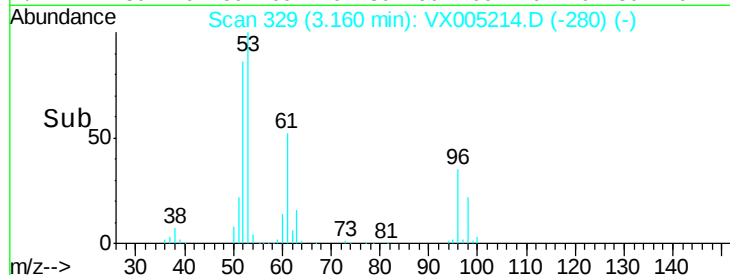
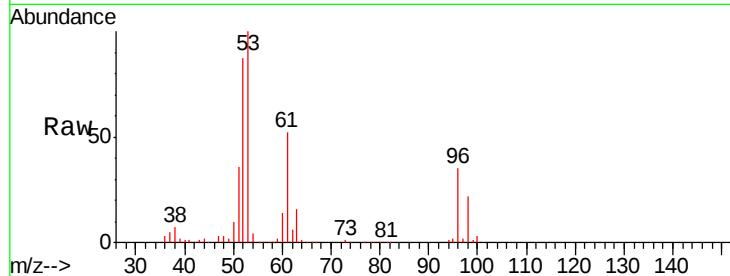
ClientSampleId :

VX1010WBS03

Tgt Ion:	96	Resp:	40864
Ion	Ratio	Lower	Upper
96	100		
61	150.3	101.0	151.6
98	63.6	47.2	70.8

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#22

Diisopropyl ether

Concen: 18.32 ug/l

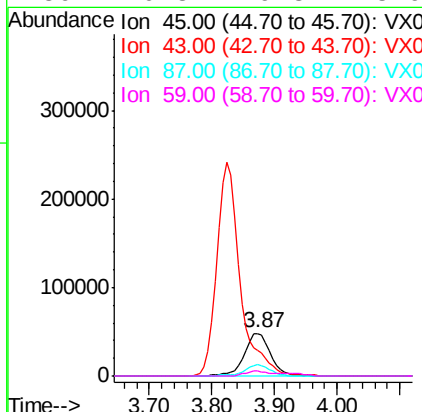
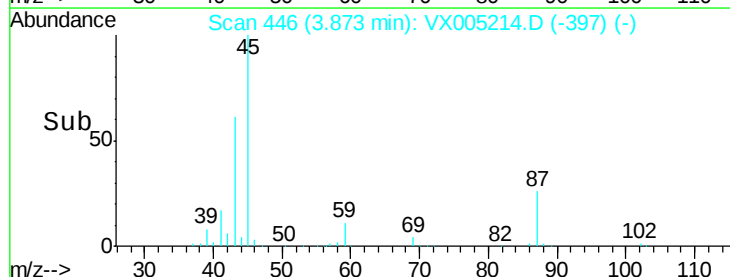
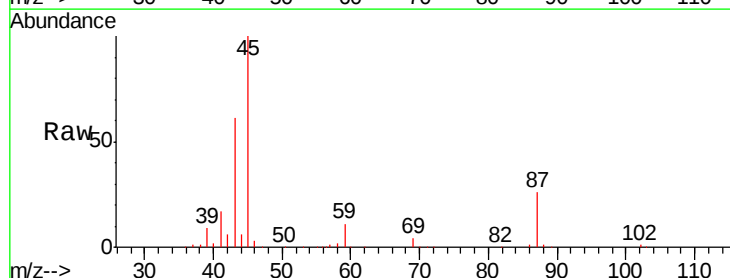
RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Tgt Ion:	45	Resp:	137177
Ion	Ratio	Lower	Upper
45	100		
43	60.5	46.7	70.1
87	26.3	22.9	34.3
59	10.8	9.3	13.9





#23

Vinyl Acetate

Concen: 91.12 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS03

Tgt Ion: 43 Resp: 624622

Ion Ratio Lower Upper

43 100

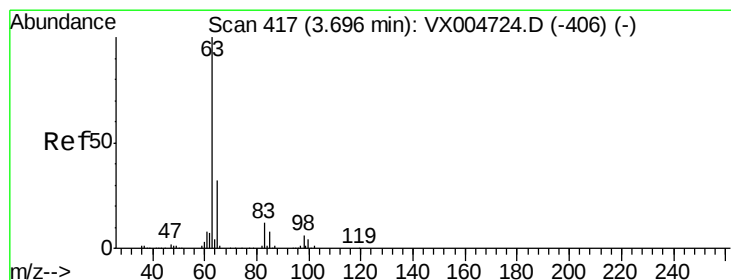
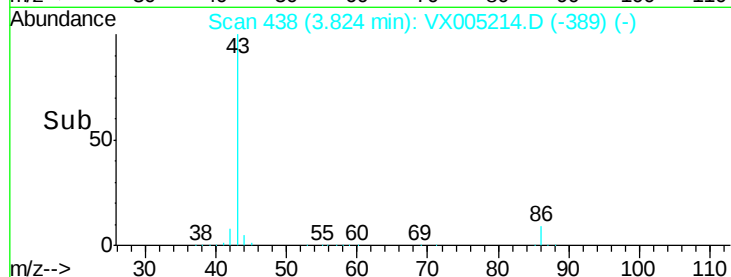
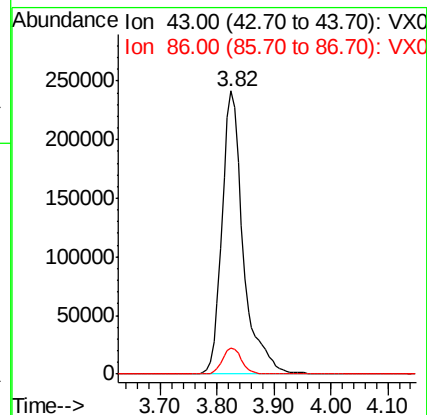
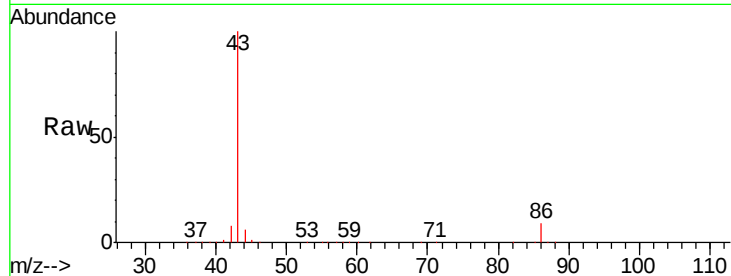
86 9.0 8.1 12.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.56 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

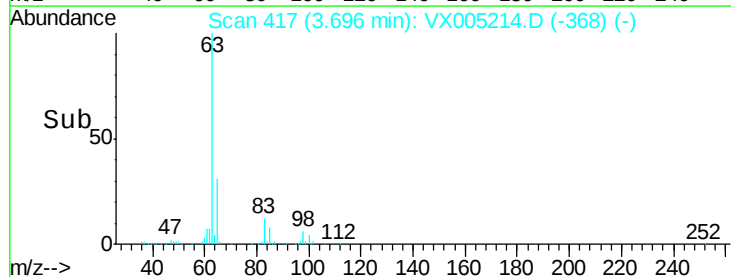
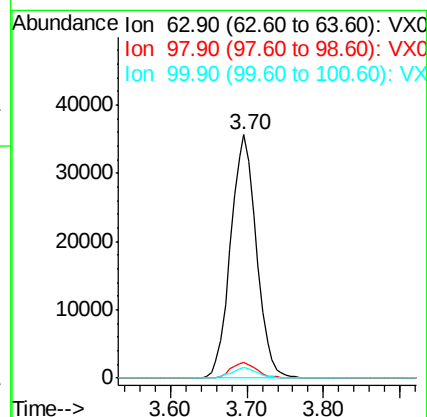
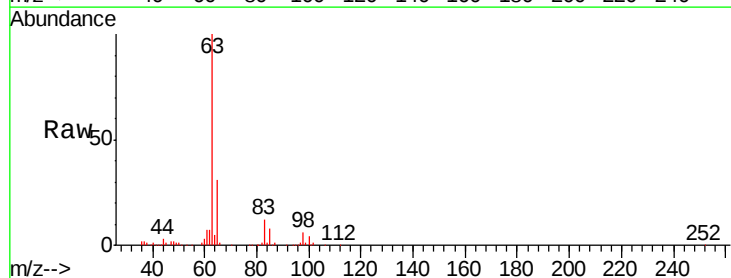
Tgt Ion: 63 Resp: 82930

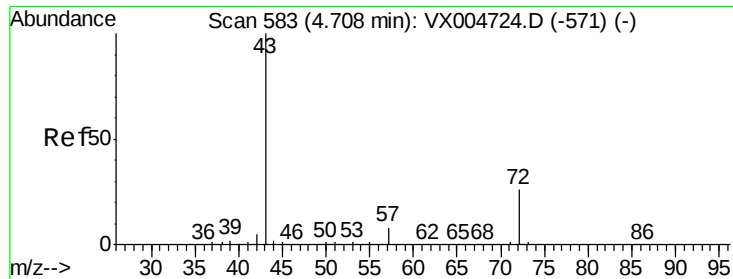
Ion Ratio Lower Upper

63 100

98 6.3 3.0 9.2

100 4.3 2.0 5.8





#25

2-Butanone

Concen: 93.23 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS03

Tgt Ion: 43 Resp: 21598

Ion Ratio Lower Upper

43 100

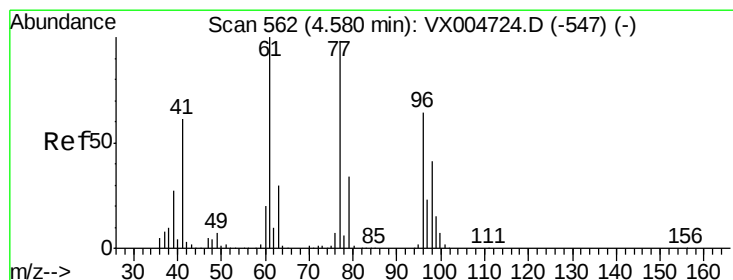
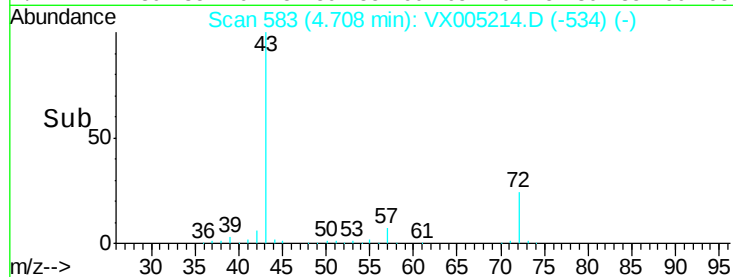
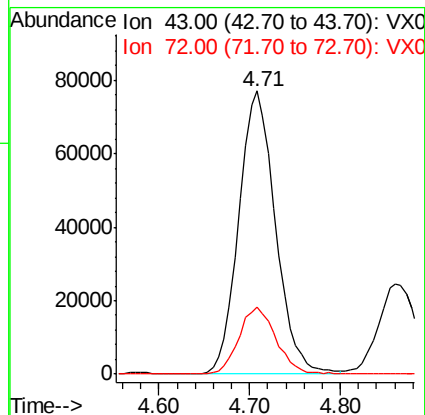
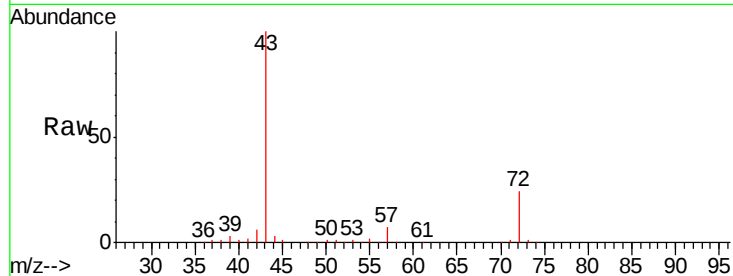
72 23.8 20.8 31.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.02 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX005214.D

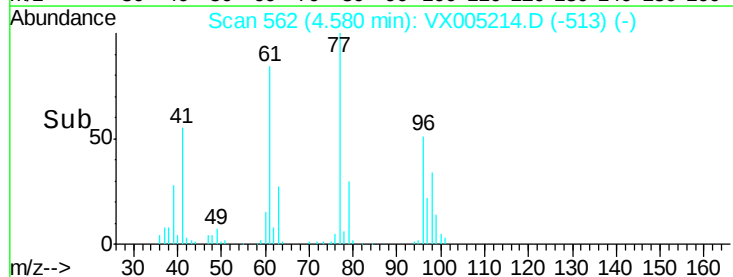
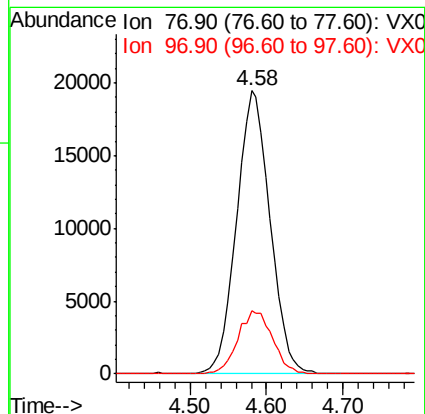
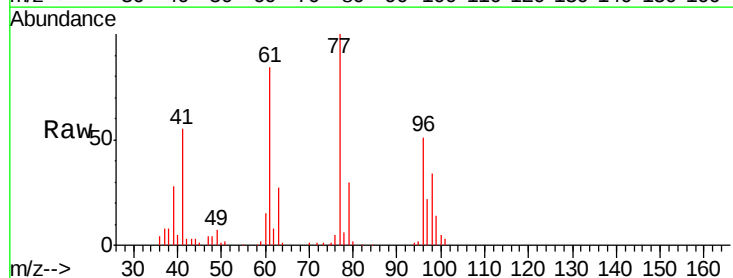
Acq: 10 Oct 2018 18:40

Tgt Ion: 77 Resp: 59170

Ion Ratio Lower Upper

77 100

97 23.0 12.6 37.8





#27

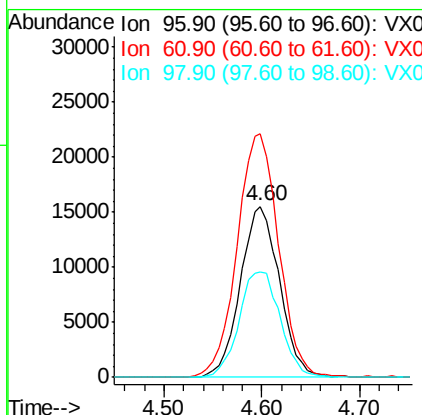
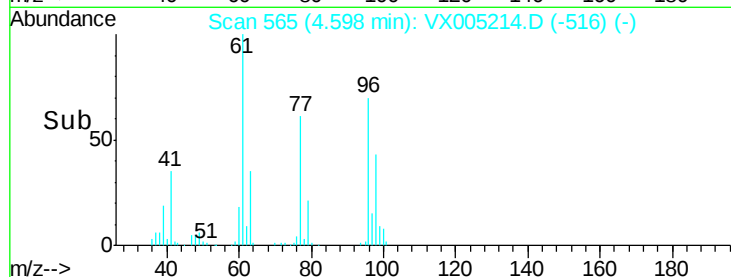
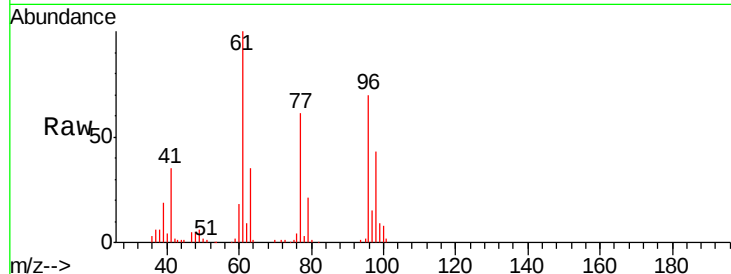
cis-1,2-Dichloroethene
Concen: 17.32 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.1	0.0	285.8
98	65.0	0.0	136.2

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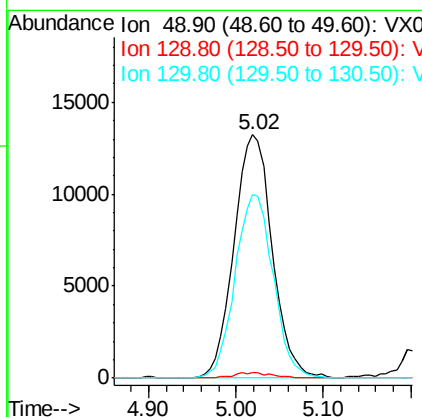
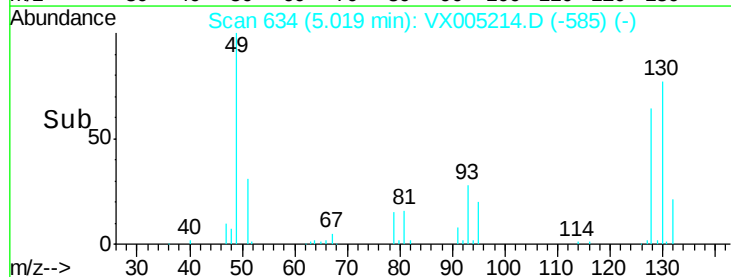
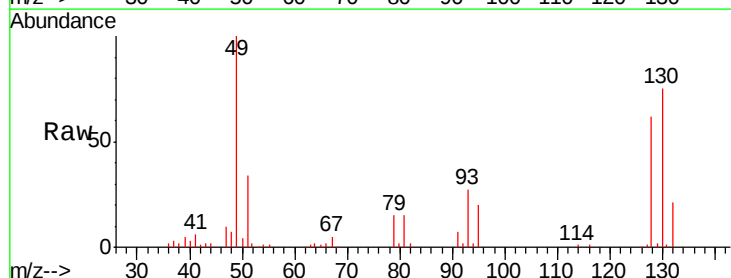
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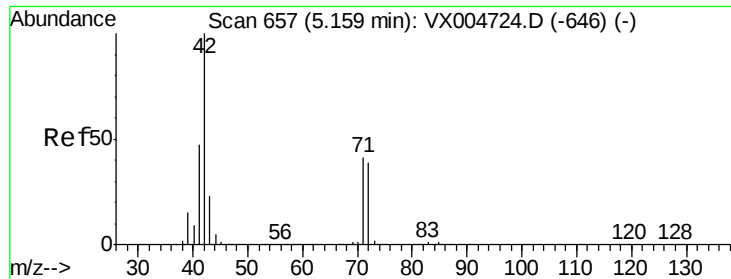


#28

Bromochloromethane
Concen: 19.13 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	75.0	62.0	93.0





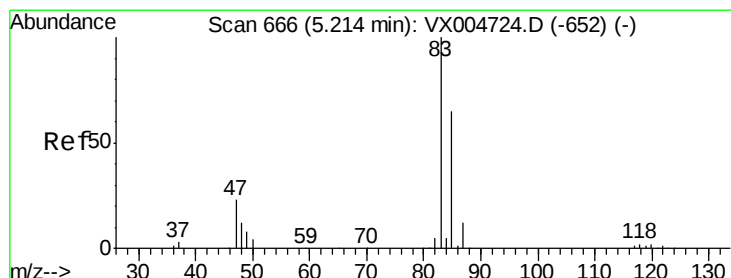
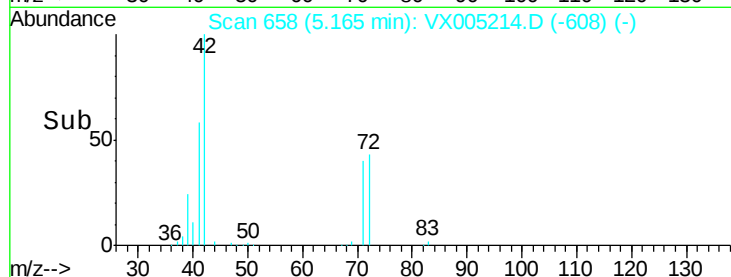
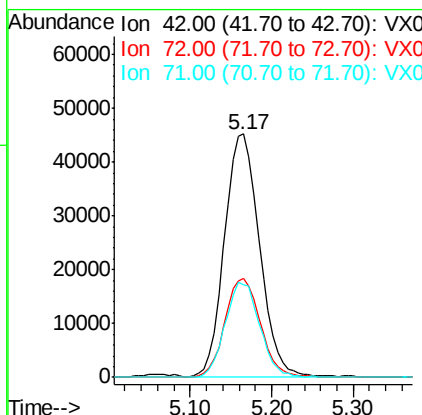
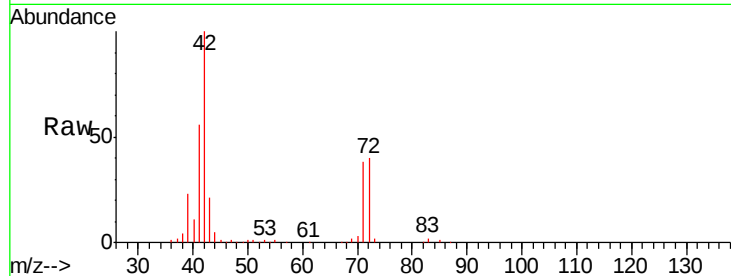
#29
Tetrahydrofuran
Concen: 92.94 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS03

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.6	33.7	50.5
71	38.7	32.2	48.4

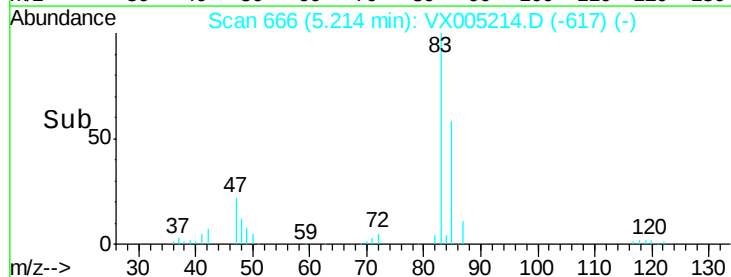
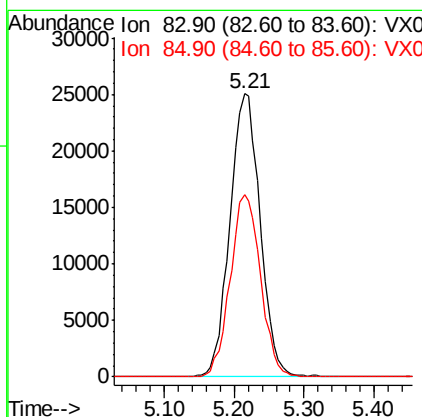
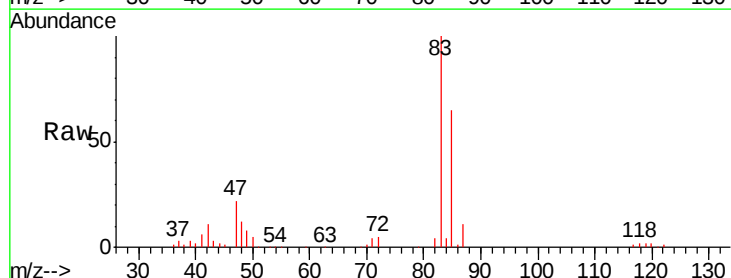
Manual Integrations
APPROVED

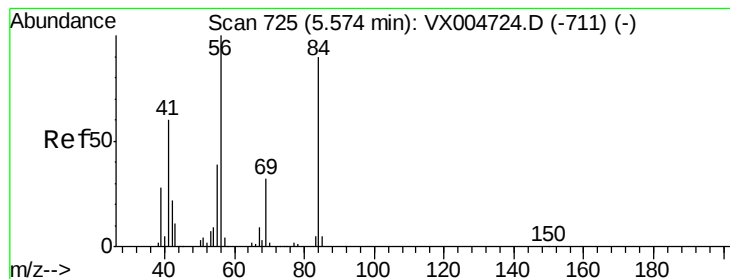
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#30
Chloroform
Concen: 17.82 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.4	78.6





#31

Cyclohexane

Concen: 18.32 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

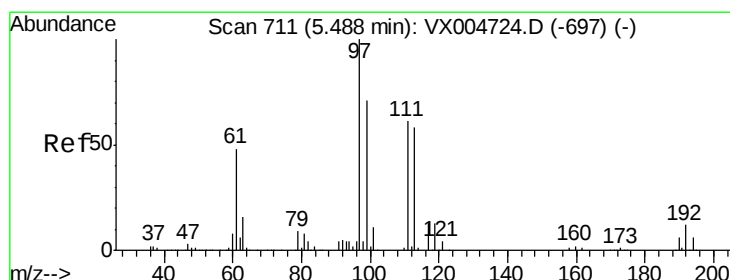
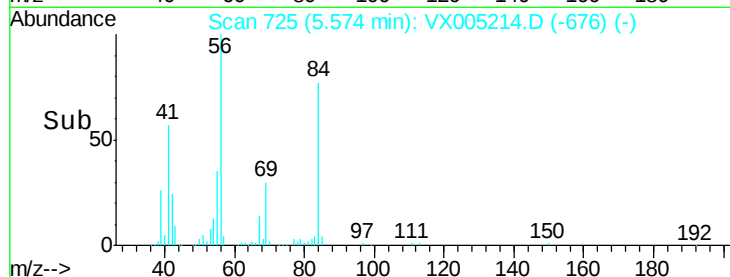
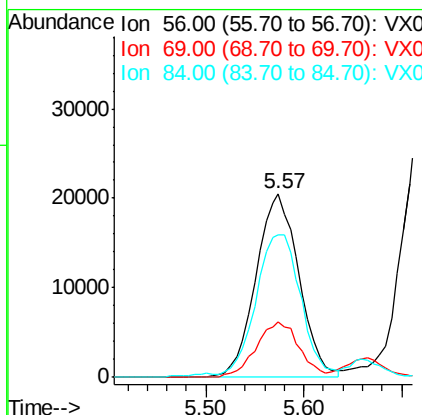
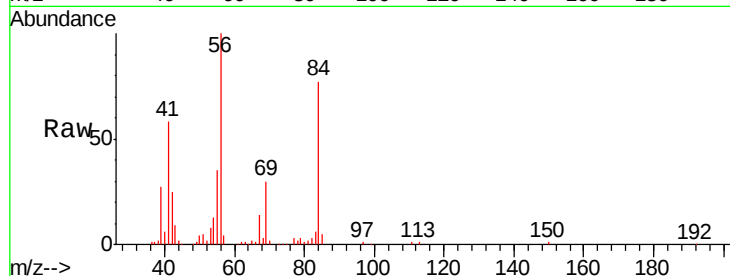
ClientSampleId :

VX1010WBS03

Tgt Ion:	56	Resp:	62637
Ion	Ratio	Lower	Upper
56	100		
69	30.3	25.9	38.9
84	76.3	71.9	107.9

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#32

1,1,1-Trichloroethane

Concen: 18.32 ug/l

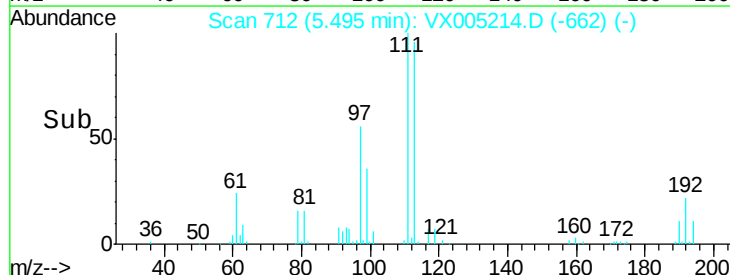
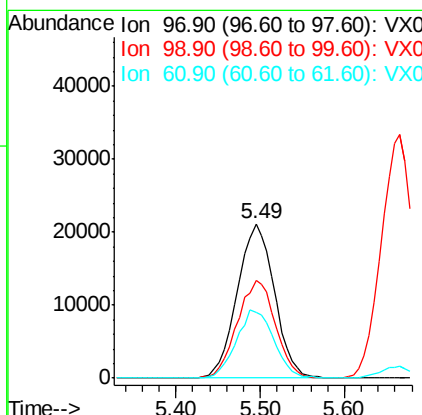
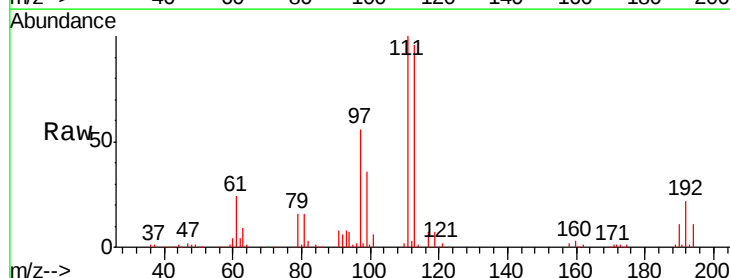
RT: 5.49 min Scan# 712

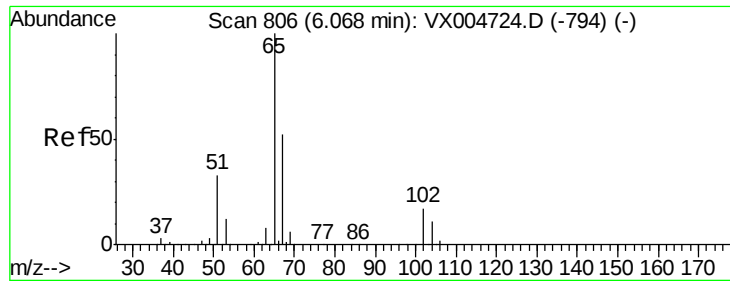
Delta R.T. 0.01 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Tgt Ion:	97	Resp:	63159
Ion	Ratio	Lower	Upper
97	100		
99	65.1	54.6	82.0
61	44.6	37.5	56.3





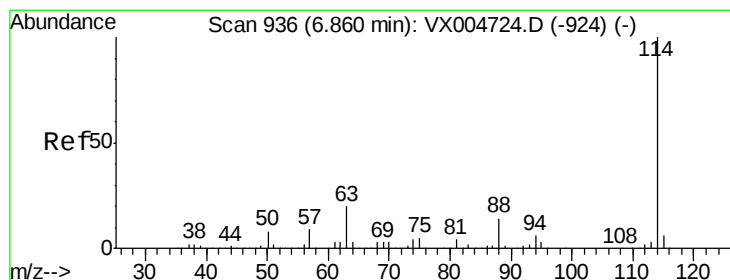
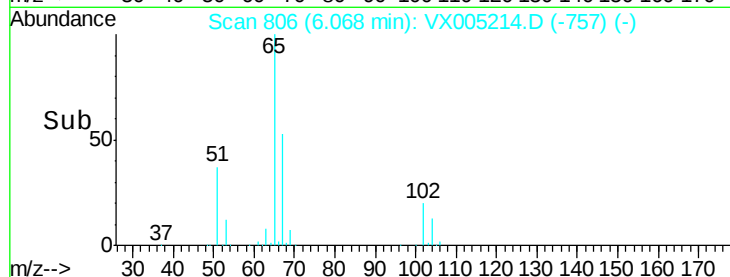
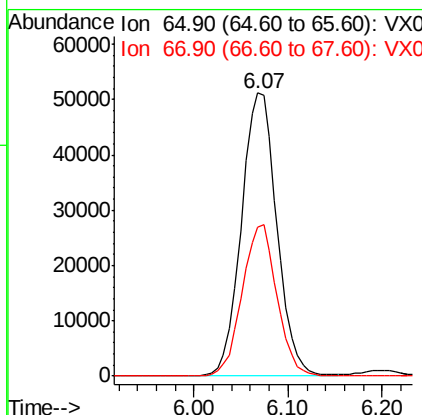
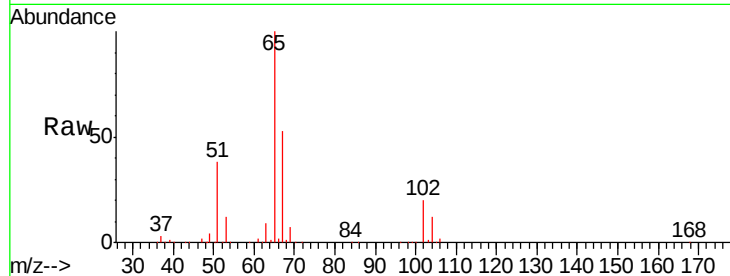
#33
 1,2-Dichloroethane-d4
 Concen: 50.31 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005214.D
 Acq: 10 Oct 2018 18:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS03

Tgt Ion: 65 Resp: 135205
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 107.4

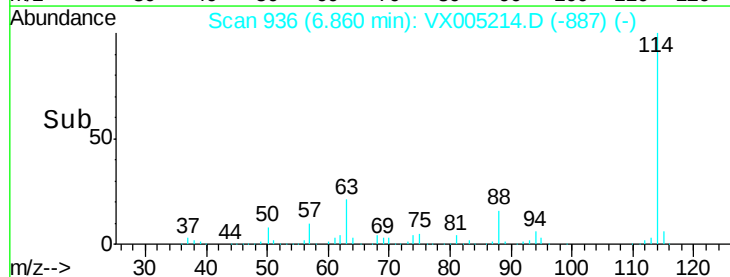
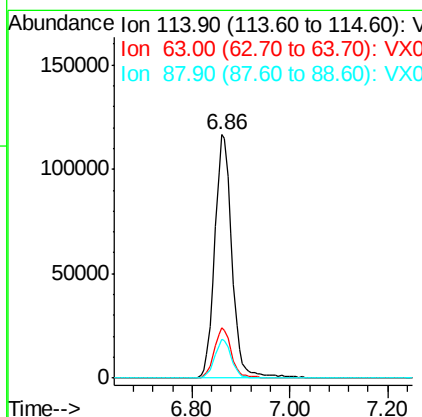
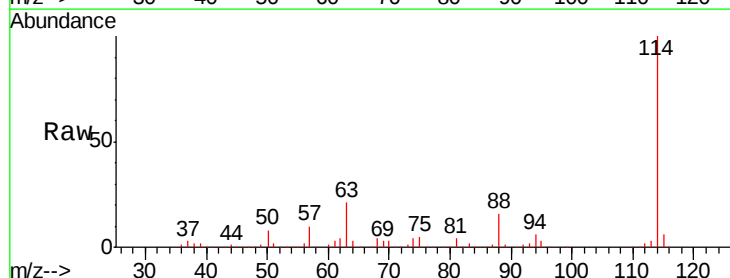
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005214.D
 Acq: 10 Oct 2018 18:40

Tgt Ion: 114 Resp: 285778
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.8
 88 15.7 0.0 27.0





#35

Dibromofluoromethane

Concen: 48.48 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

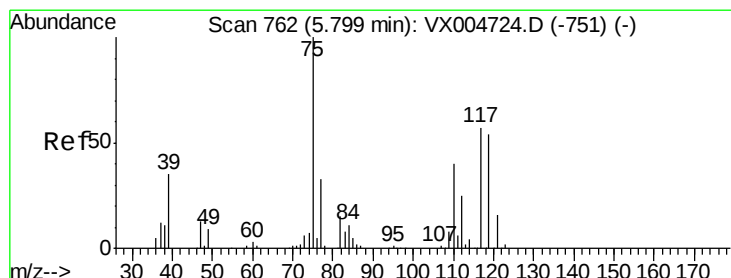
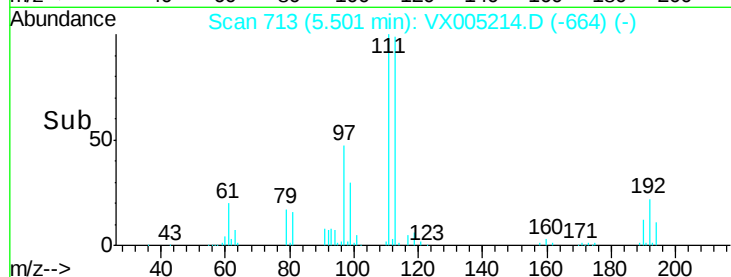
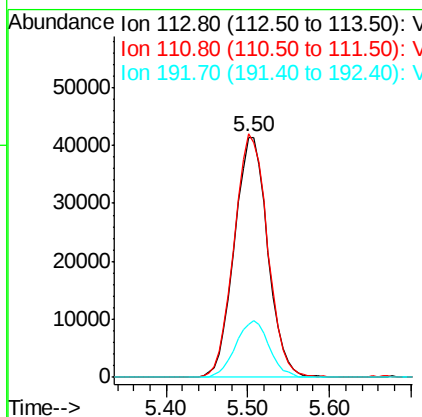
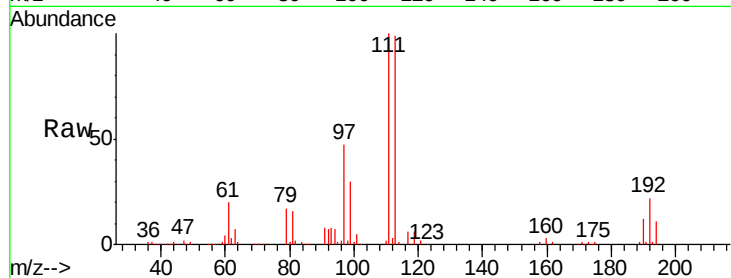
ClientSampleId :

VX1010WBS03

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	117412		
111	101.7	77.0	115.4	
192	23.7	17.0	25.6	

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#36

1,1-Dichloropropene

Concen: 15.90 ug/l

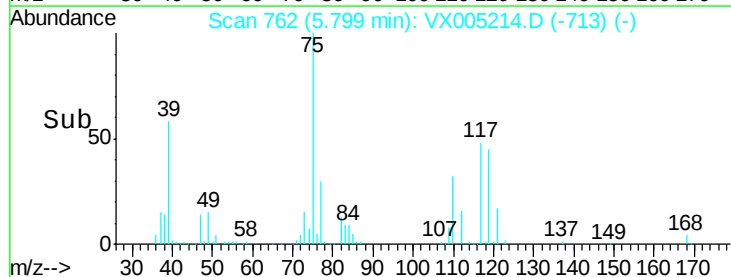
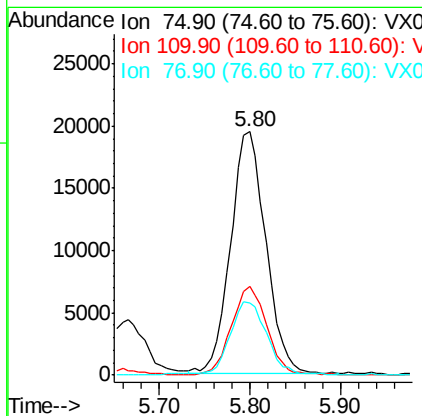
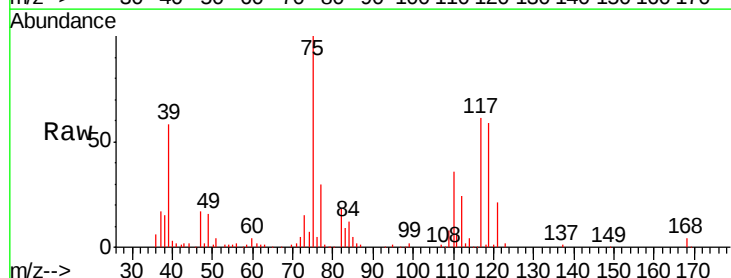
RT: 5.80 min Scan# 762

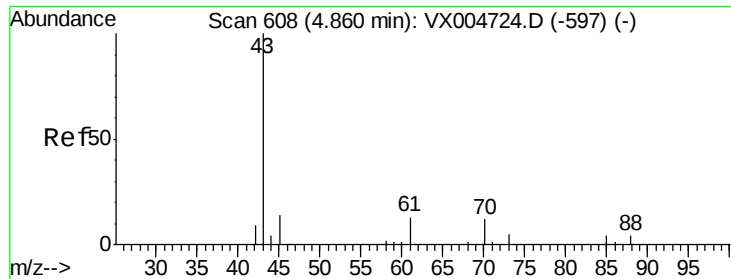
Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	52552		
110	36.8	20.0	59.9	
77	31.4	27.1	40.7	





#37

Ethyl Acetate

Concen: 16.54 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

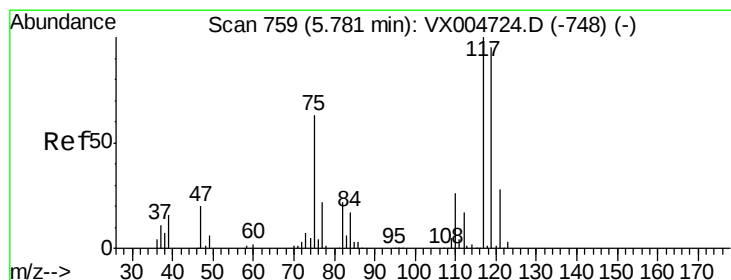
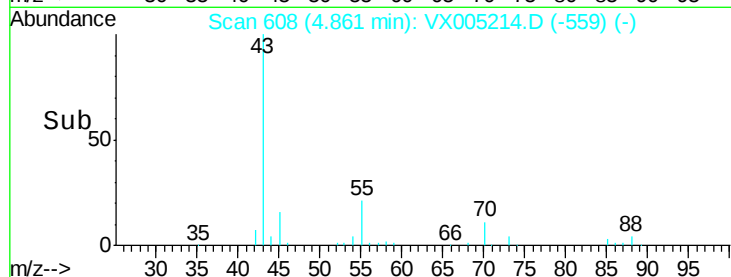
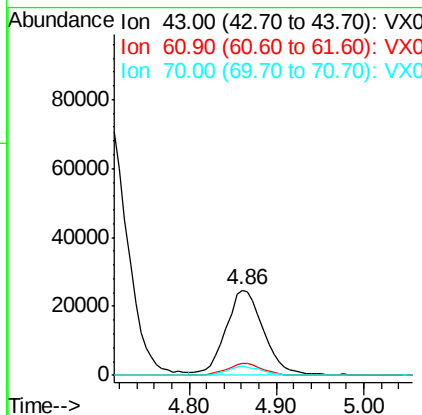
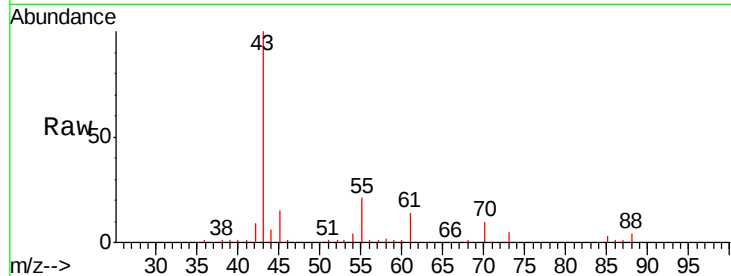
ClientSampleId :

VX1010WBS03

Tgt Ion:	43	Resp:	72531
Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.4	15.6
70	10.4	8.7	13.1

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#38

Carbon Tetrachloride

Concen: 16.08 ug/l

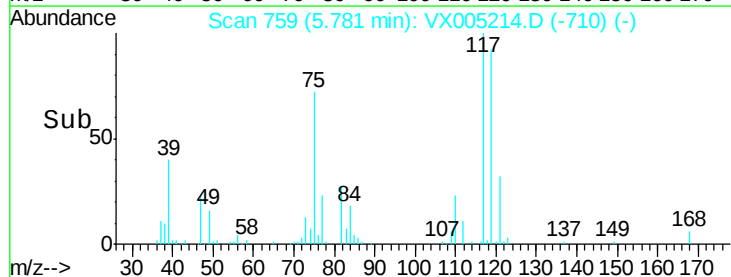
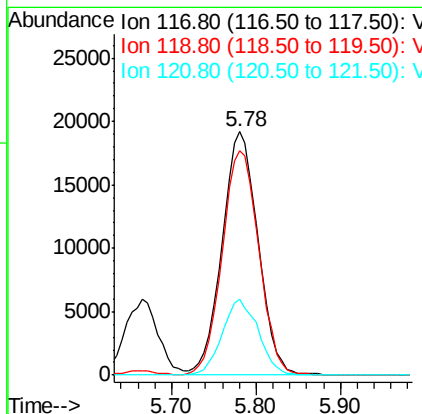
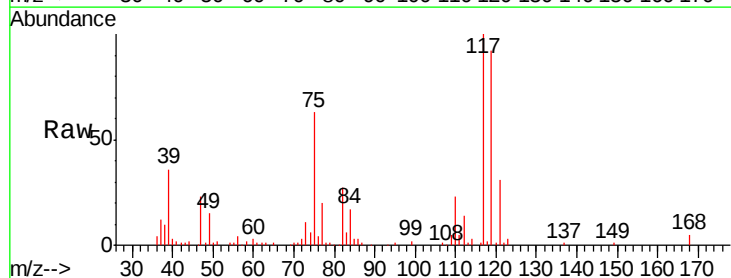
RT: 5.78 min Scan# 759

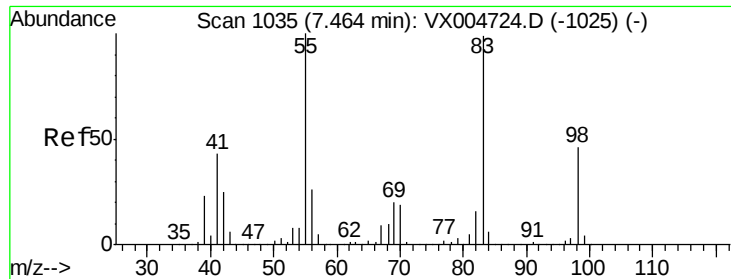
Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Tgt Ion:	117	Resp:	55847
Ion	Ratio	Lower	Upper
117	100		
119	92.3	75.2	112.8
121	31.3	22.5	33.7





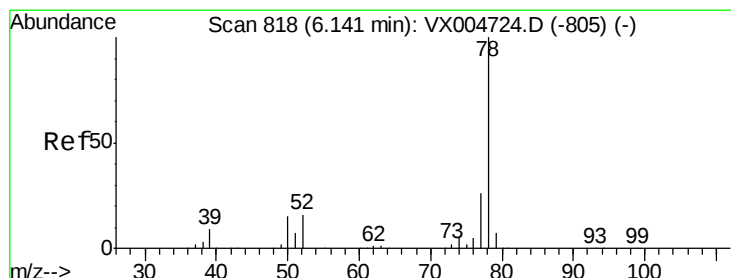
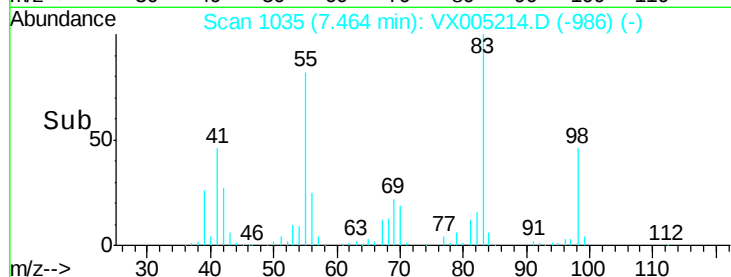
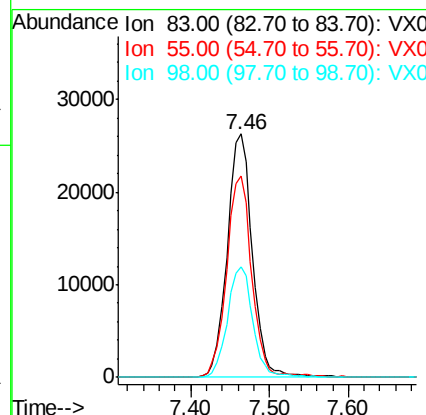
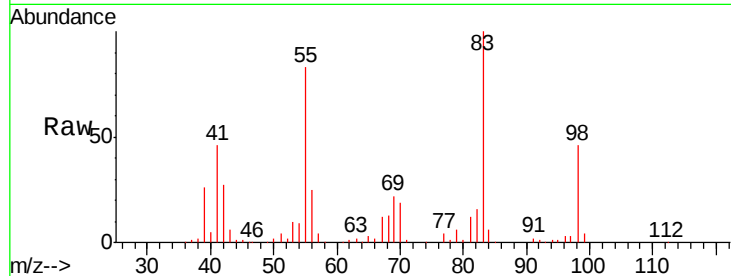
#39
Methylcyclohexane
Concen: 17.30 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS03

Tgt Ion	Ratio	Lower	Upper
83	100		
55	82.7	81.1	121.7
98	45.6	37.3	55.9

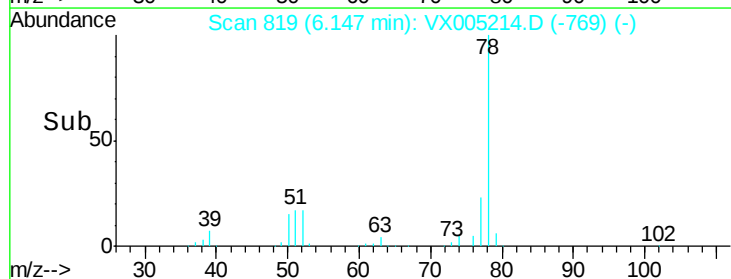
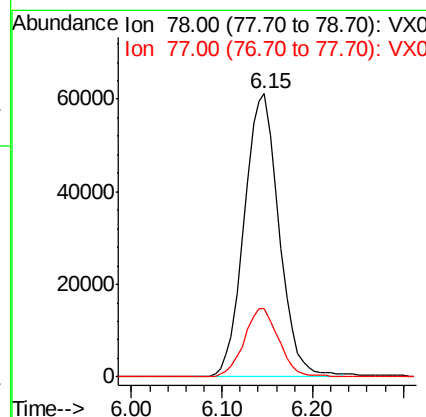
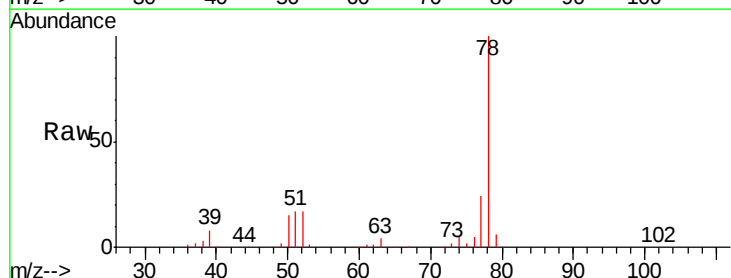
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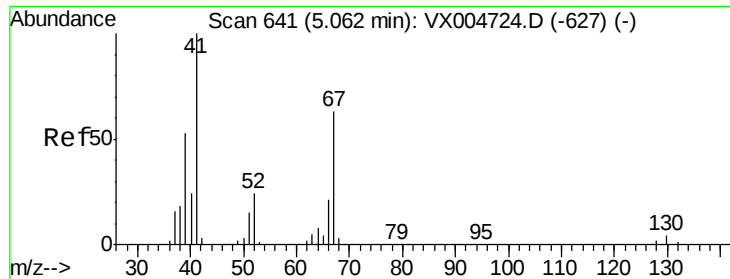
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#40
Benzene
Concen: 15.74 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	21.0	31.4





#41

Methacrylonitrile

Concen: 16.07 ug/l

RT: 5.07 min Scan# 642

Delta R.T. 0.01 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

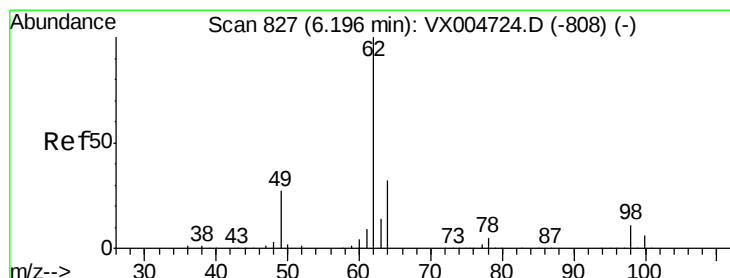
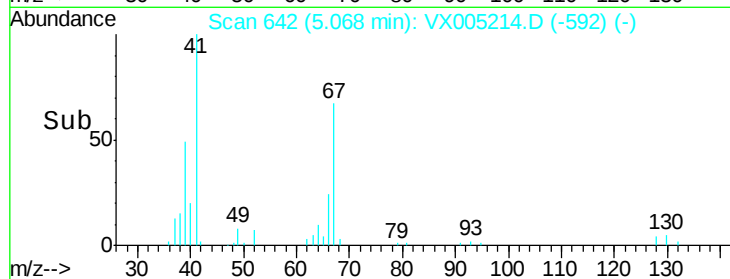
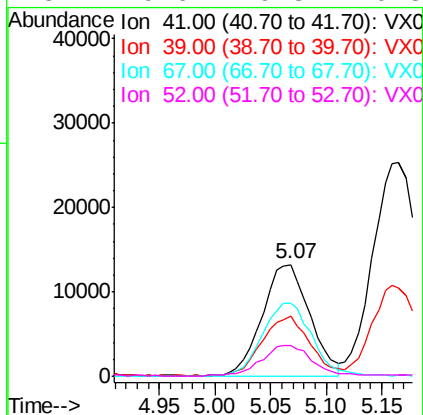
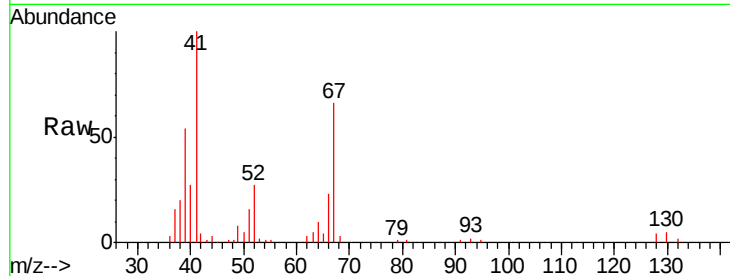
ClientSampleId :

VX1010WBS03

Tgt Ion	Ratio	Lower	Upper
41	100		
39	54.5	42.5	63.7
67	69.3	53.0	79.6
52	29.6	19.8	29.8

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#42

1,2-Dichloroethane

Concen: 16.62 ug/l

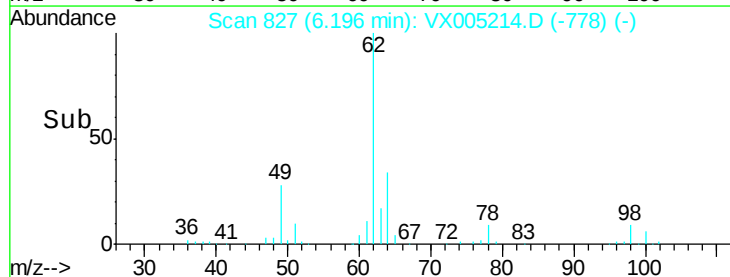
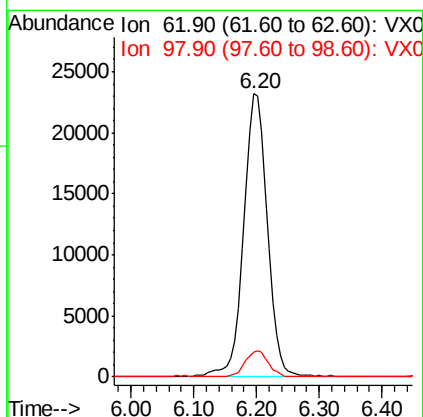
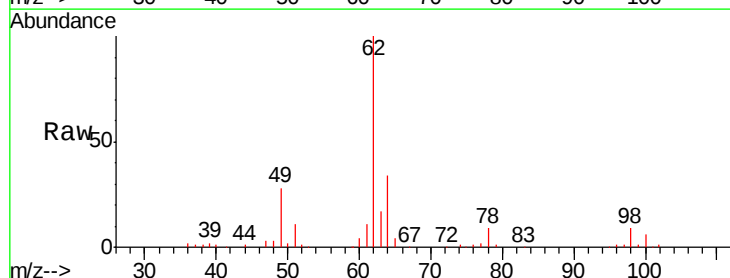
RT: 6.20 min Scan# 827

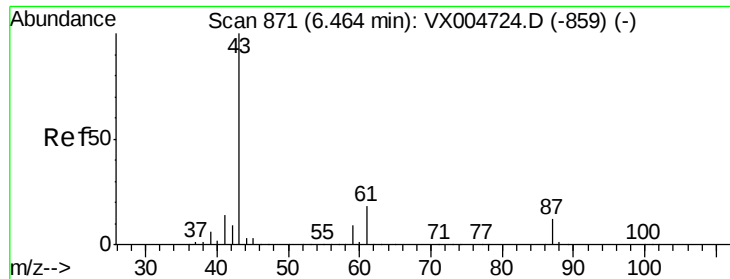
Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	20.2





#43

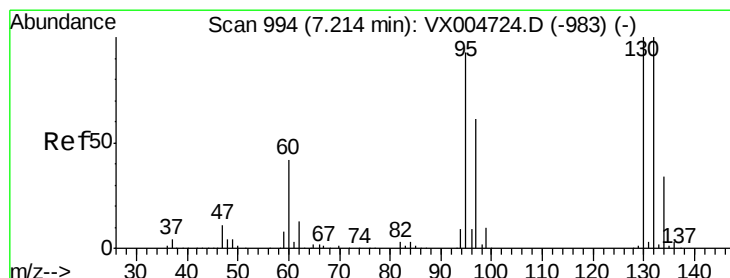
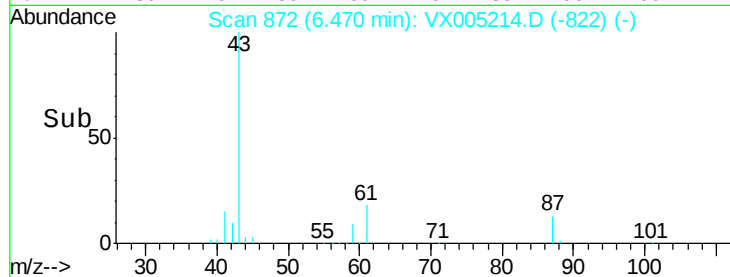
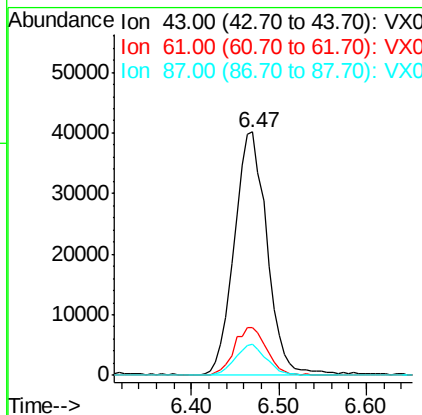
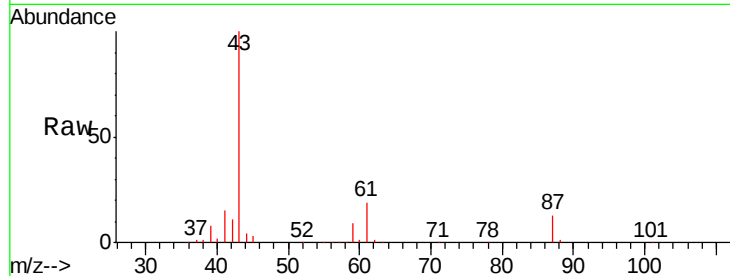
Isopropyl Acetate
 Concen: 16.43 ug/l
 RT: 6.47 min Scan# 872
 Delta R.T. 0.01 min
 Lab File: VX005214.D
 Acq: 10 Oct 2018 18:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS03

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.9	14.2	21.4
87	12.2	9.3	13.9

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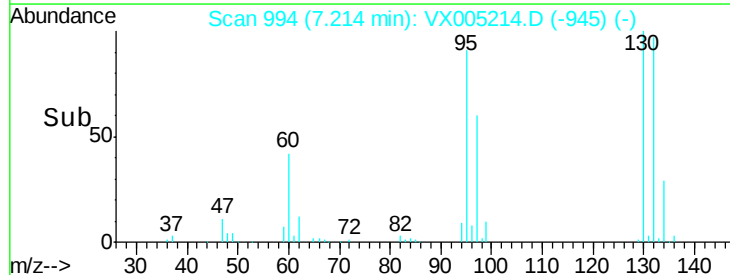
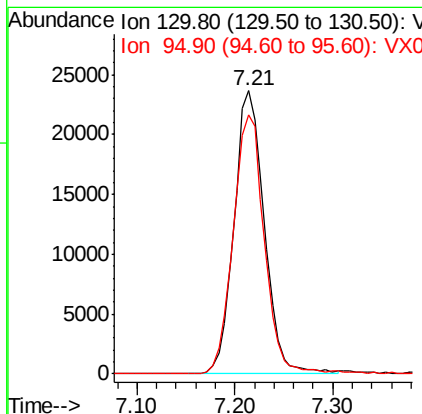
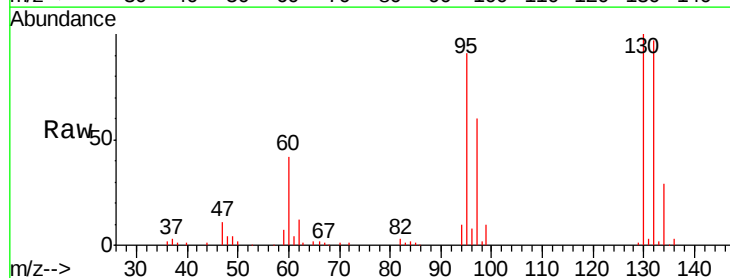
MMDadoda
 10/12/2018 11:45:00 AM



#44

Trichloroethene
 Concen: 19.99 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX005214.D
 Acq: 10 Oct 2018 18:40

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.4	0.0	186.8





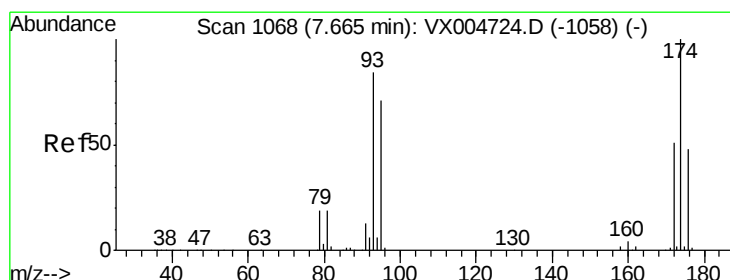
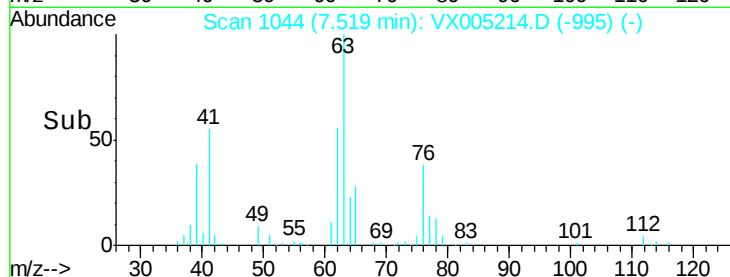
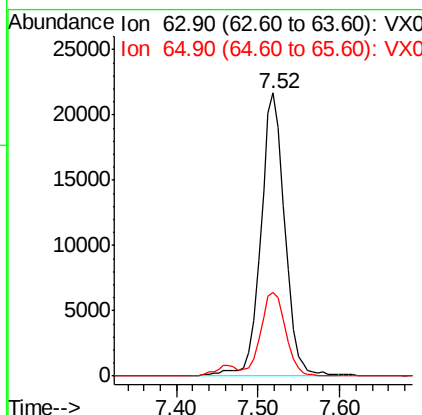
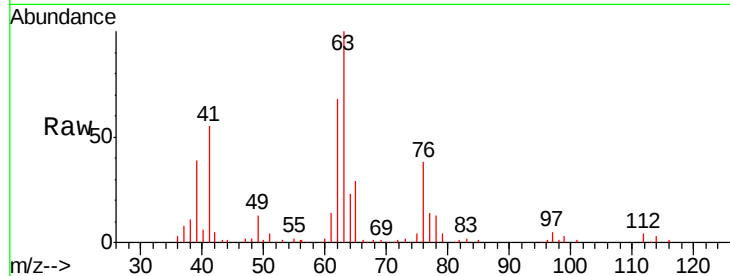
#45
 1,2-Dichloropropane
 Concen: 17.59 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX005214.D
 Acq: 10 Oct 2018 18:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS03

Tgt Ion: 63 Resp: 44625
 Ion Ratio Lower Upper
 63 100
 65 29.2 23.9 35.9

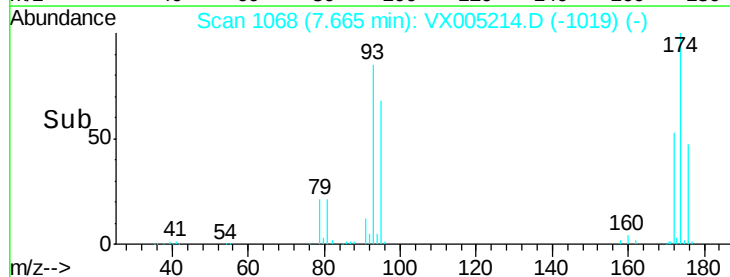
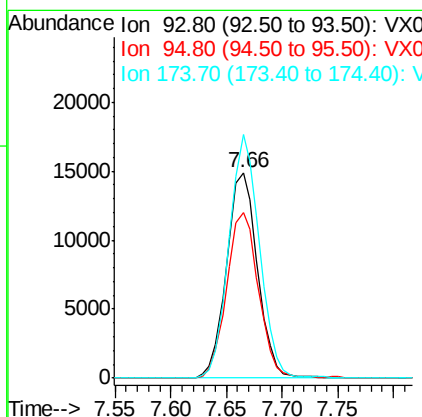
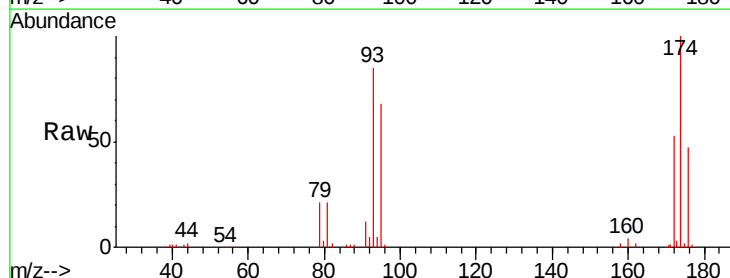
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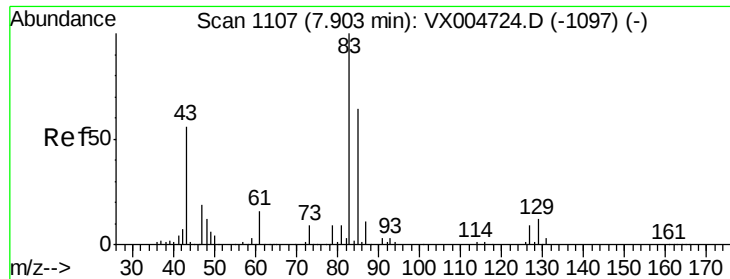
MMDadoda
 10/12/2018 11:45:00 AM



#46
 Dibromomethane
 Concen: 18.03 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX005214.D
 Acq: 10 Oct 2018 18:40

Tgt Ion: 93 Resp: 28745
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.7 100.1
 174 116.5 92.7 139.1





#47

Bromodichloromethane

Concen: 18.03 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

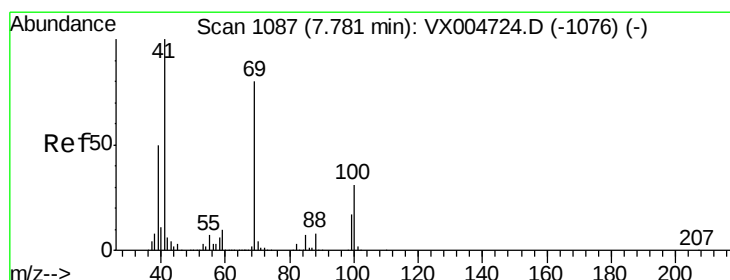
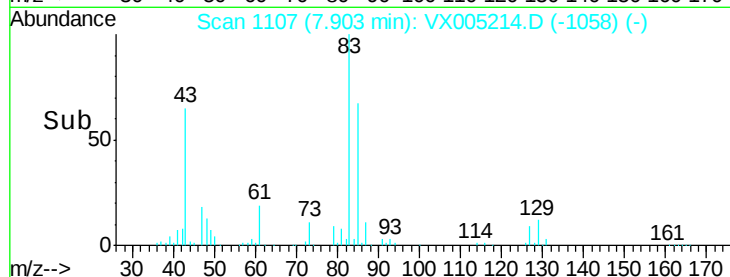
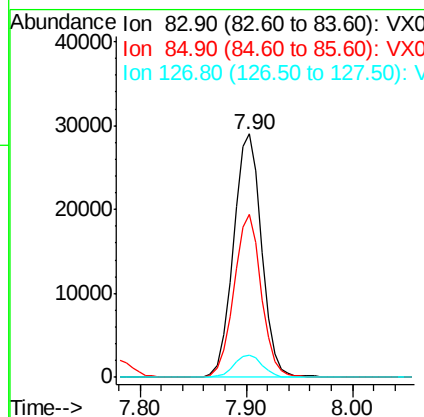
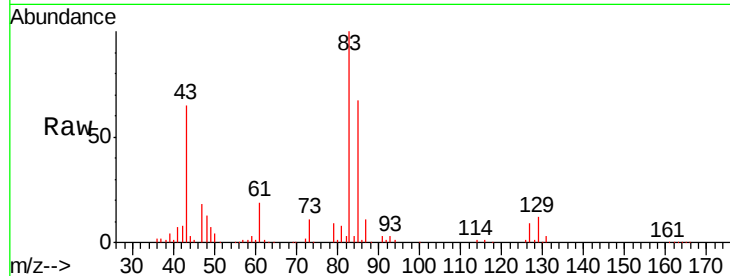
ClientSampleId :

VX1010WBS03

Tgt Ion:	83	Resp:	53816
Ion	Ratio	Lower	Upper
83	100		
85	67.2	51.2	76.8
127	9.1	7.0	10.6

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#48

Methyl methacrylate

Concen: 18.62 ug/l

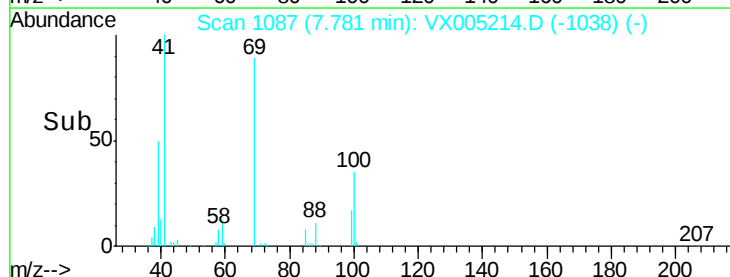
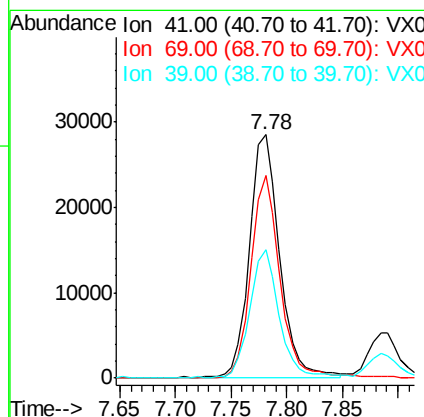
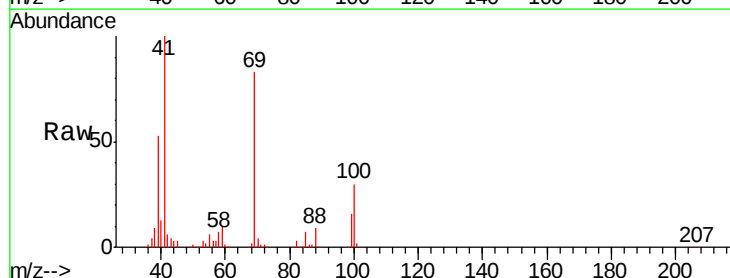
RT: 7.78 min Scan# 1087

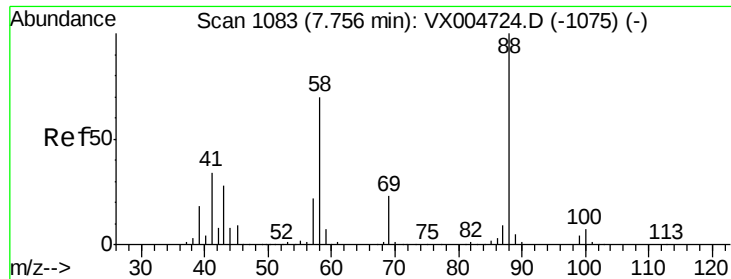
Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Tgt Ion:	41	Resp:	53515
Ion	Ratio	Lower	Upper
41	100		
69	82.0	63.8	95.6
39	51.4	40.7	61.1





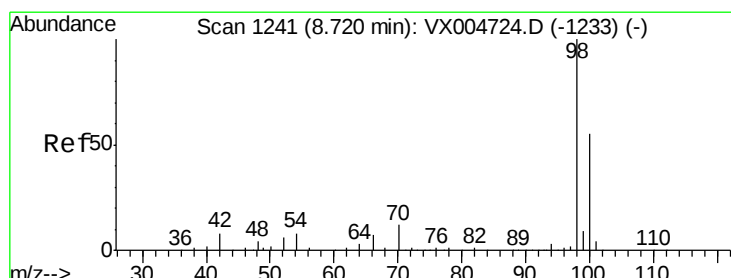
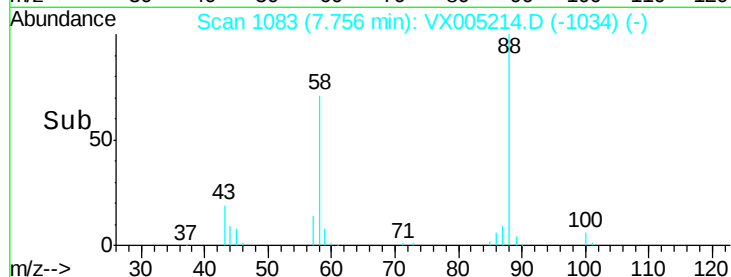
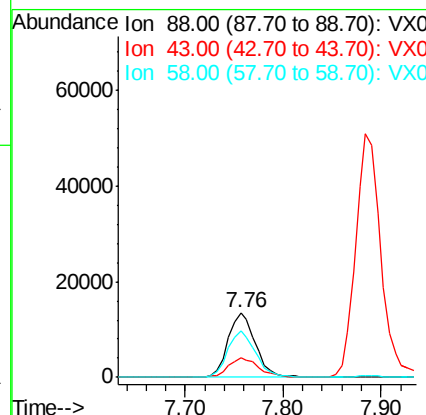
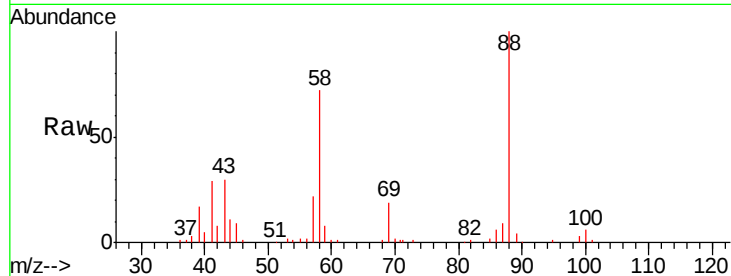
#49
1,4-Dioxane
Concen: 368.96 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS03

Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.4	25.1	37.7
58	73.0	56.2	84.2

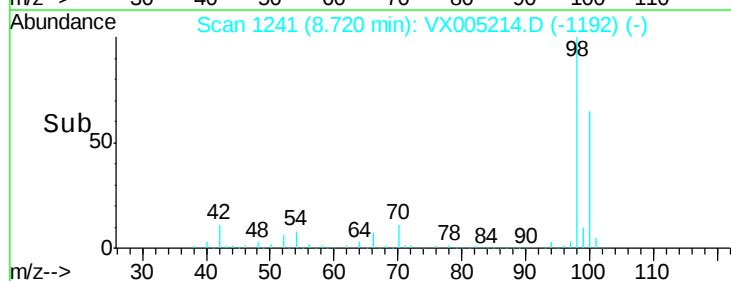
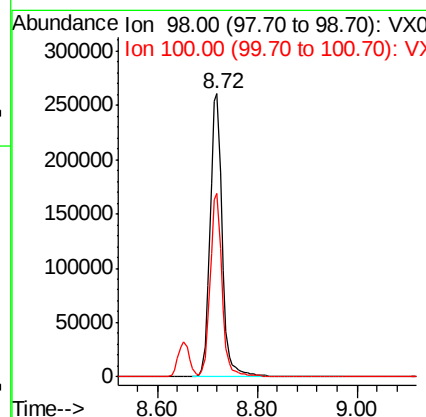
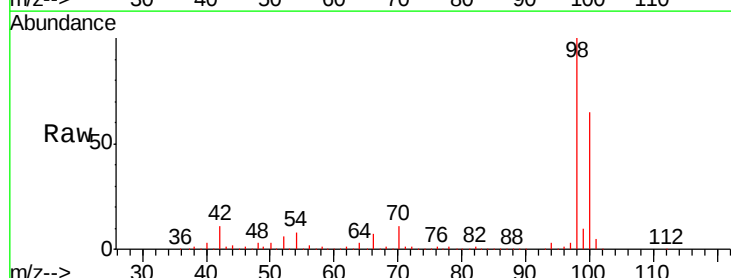
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#50
Toluene-d8
Concen: 55.20 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.9	77.9





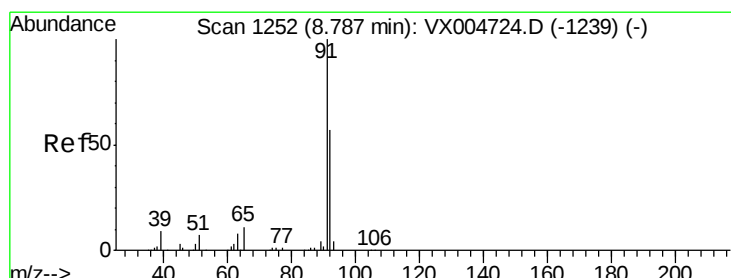
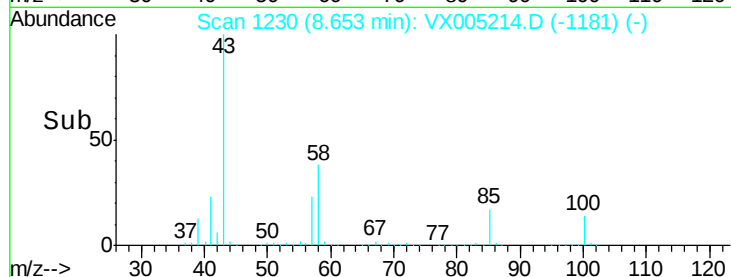
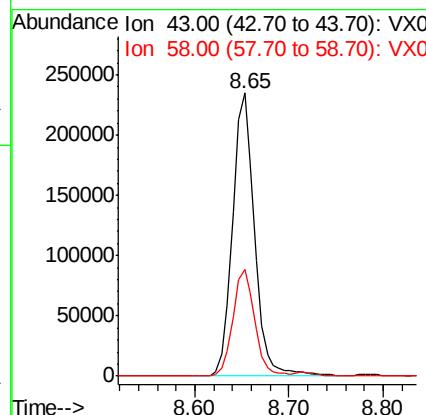
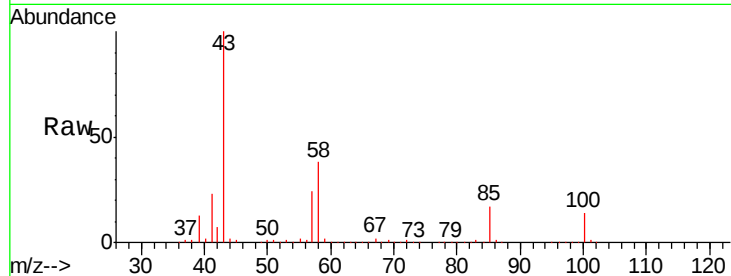
#51
4-Methyl-2-Pentanone
Concen: 95.48 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS03

Tgt Ion: 43 Resp: 380606
Ion Ratio Lower Upper
43 100
58 37.2 30.5 45.7

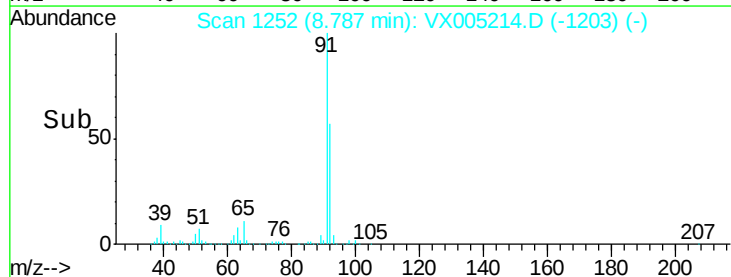
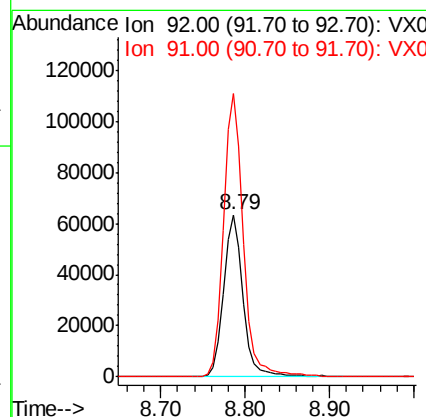
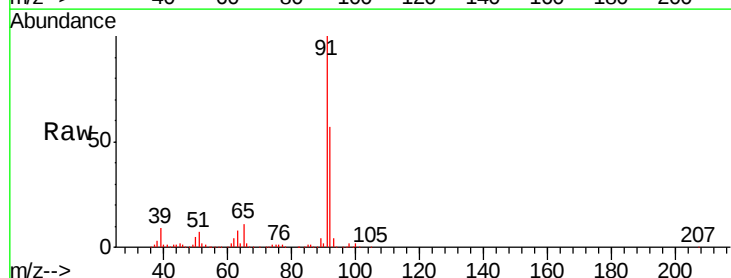
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#52
Toluene
Concen: 17.86 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Tgt Ion: 92 Resp: 101541
Ion Ratio Lower Upper
92 100
91 177.5 136.7 205.1





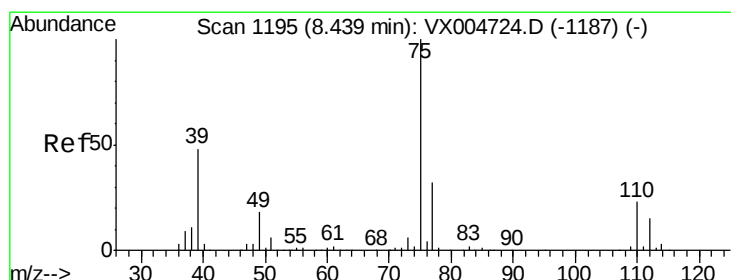
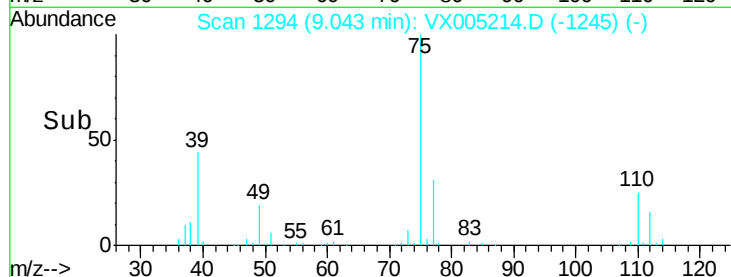
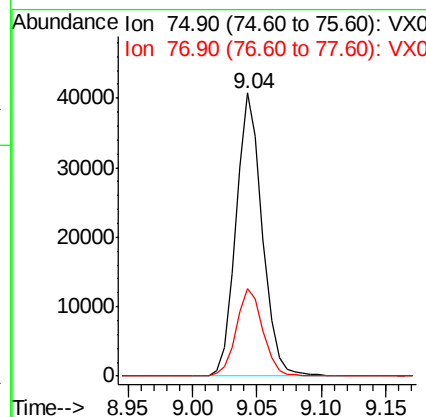
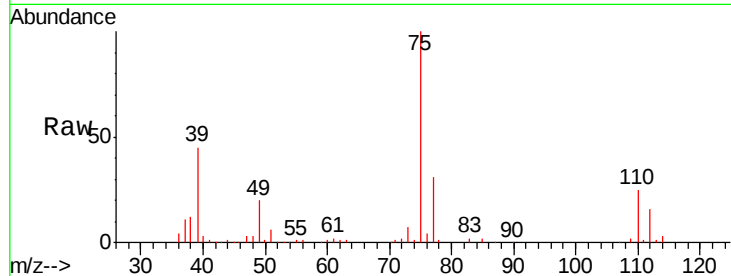
#53
t-1,3-Dichloropropene
Concen: 17.17 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS03

Tgt Ion: 75 Resp: 57921
Ion Ratio Lower Upper
75 100
77 30.9 28.9 43.3

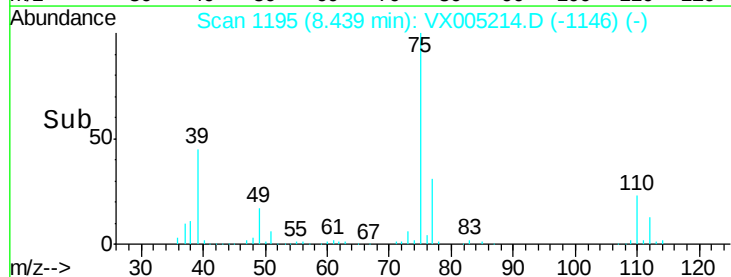
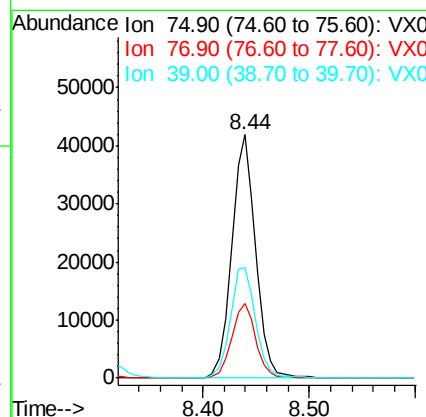
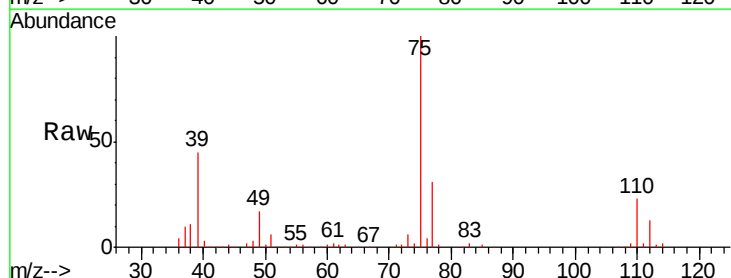
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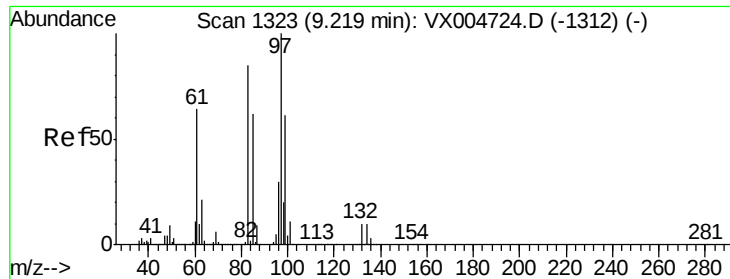
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#54
cis-1,3-Dichloropropene
Concen: 18.53 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Tgt Ion: 75 Resp: 65466
Ion Ratio Lower Upper
75 100
77 30.7 25.7 38.5
39 44.9 38.3 57.5





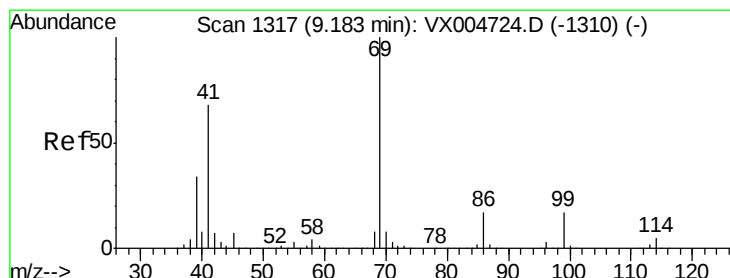
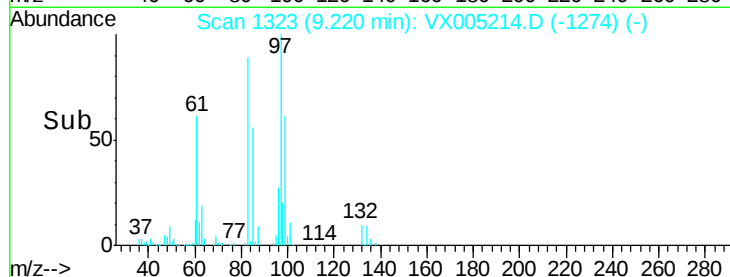
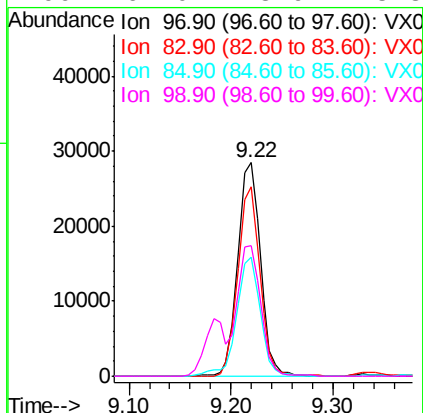
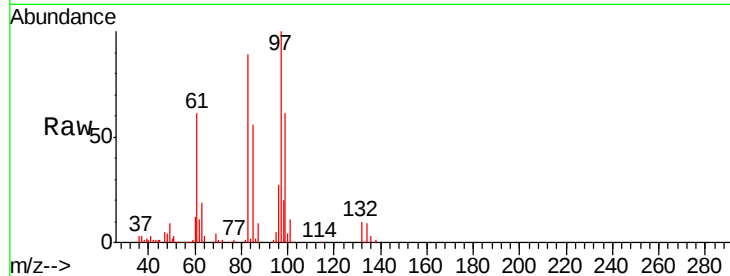
#55
 1,1,2-Trichloroethane
 Concen: 17.55 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX005214.D
 Acq: 10 Oct 2018 18:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS03

Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.8	68.2	102.2
85	55.9	49.9	74.9
99	61.0	48.9	73.3

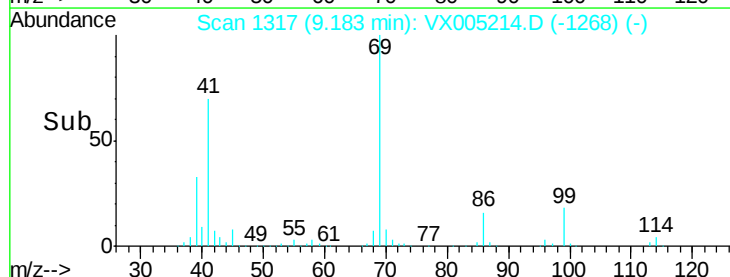
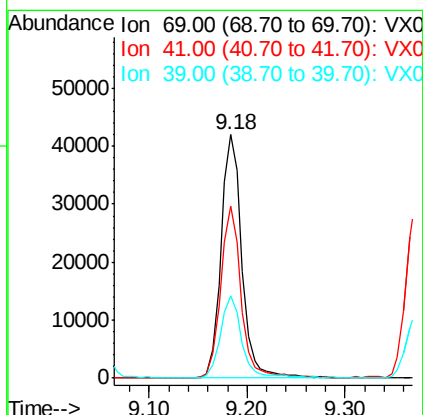
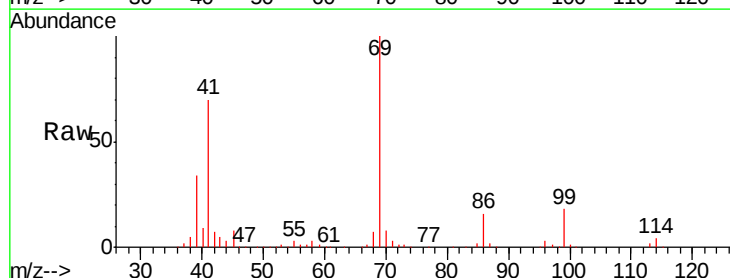
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#56
 Ethyl methacrylate
 Concen: 17.32 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005214.D
 Acq: 10 Oct 2018 18:40

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.7	56.9	85.3
39	34.4	28.4	42.6





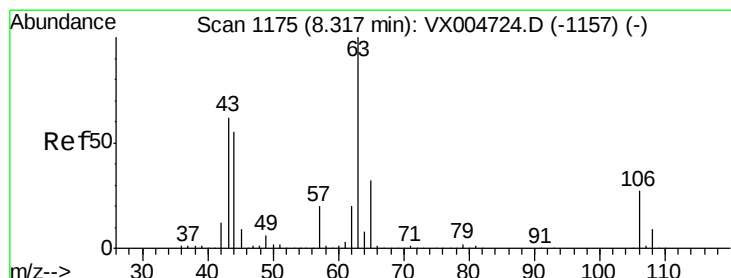
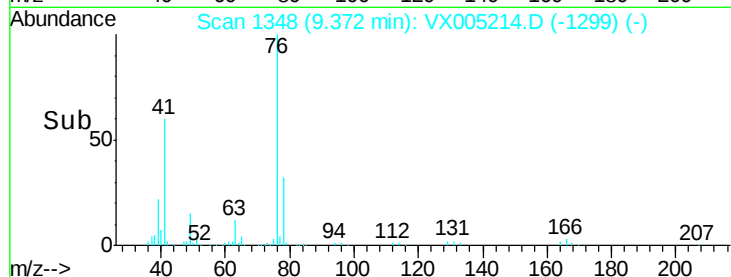
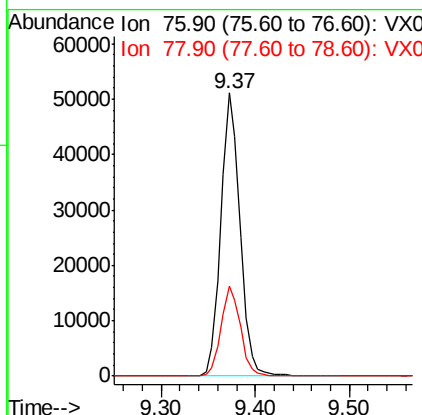
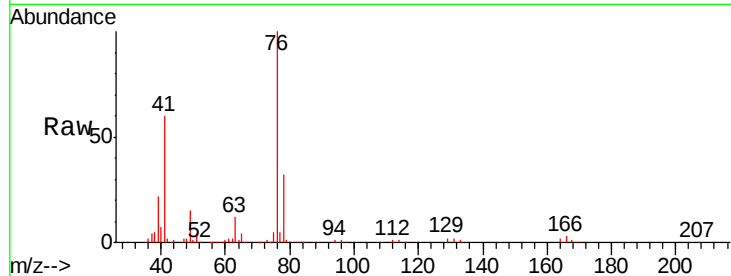
#57
 1,3-Dichloropropane
 Concen: 17.43 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX005214.D
 Acq: 10 Oct 2018 18:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS03

Tgt Ion: 76 Resp: 72220
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.6 40.0

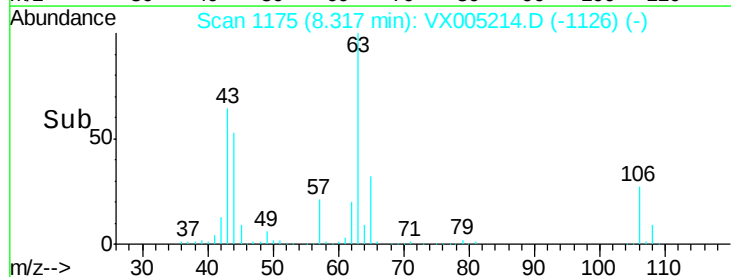
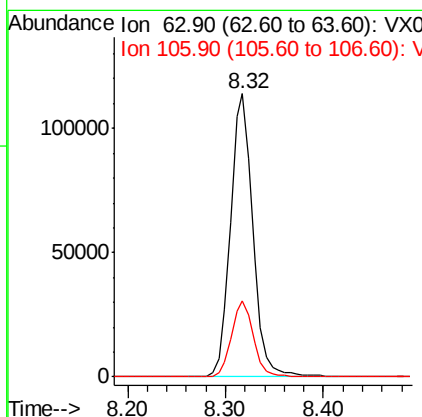
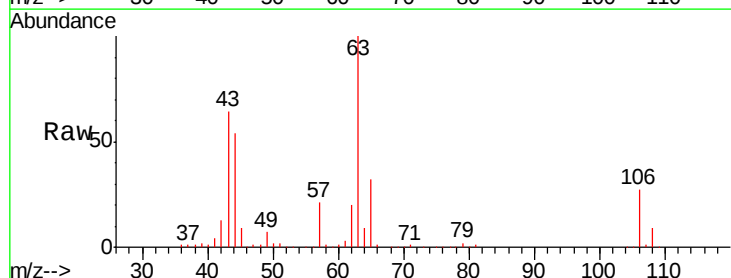
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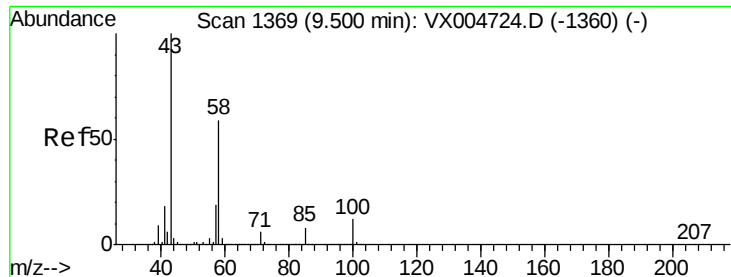
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#58
 2-Chloroethyl Vinyl ether
 Concen: 93.51 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX005214.D
 Acq: 10 Oct 2018 18:40

Tgt Ion: 63 Resp: 180351
 Ion Ratio Lower Upper
 63 100
 106 26.7 21.0 31.6





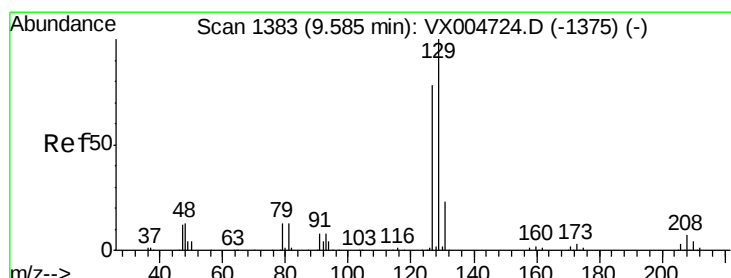
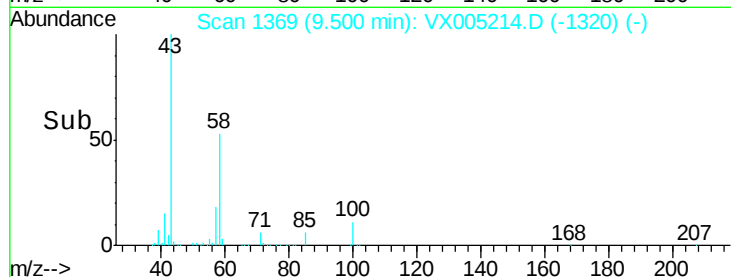
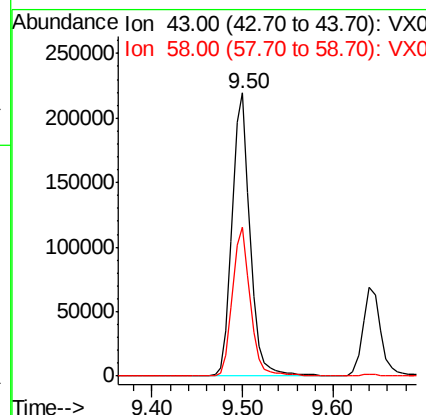
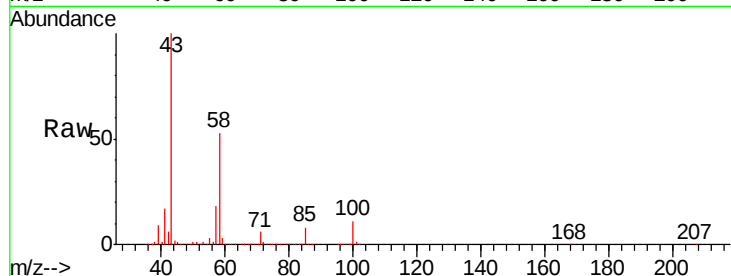
#59
2-Hexanone
Concen: 91.12 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS03

Tgt Ion: 43 Resp: 302694
Ion Ratio Lower Upper
43 100
58 52.5 28.4 85.3

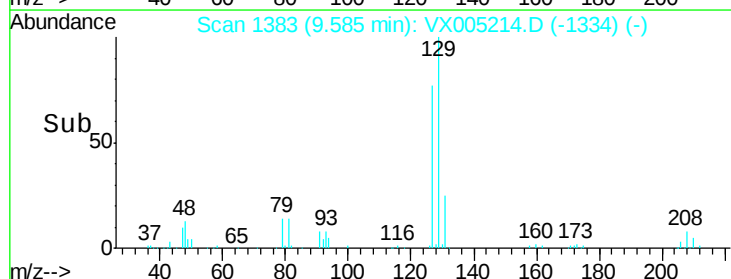
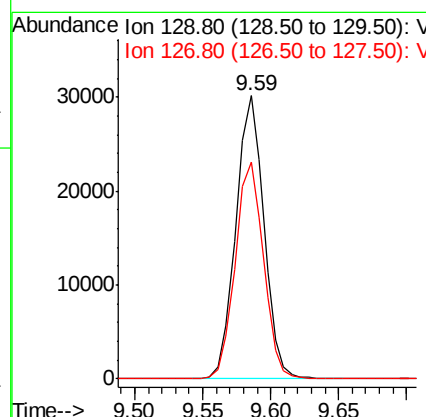
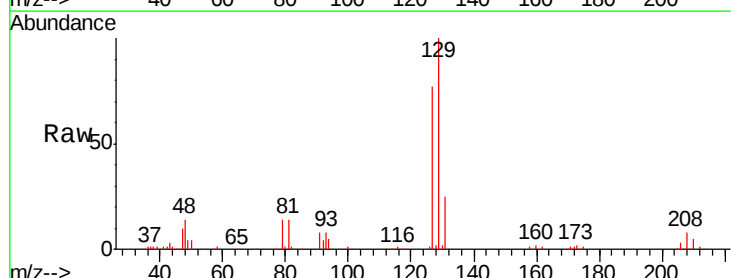
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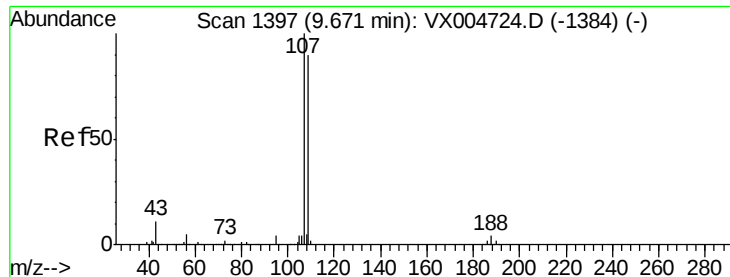
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#60
Dibromochloromethane
Concen: 17.40 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Tgt Ion: 129 Resp: 43338
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.2





#61

1,2-Dibromoethane

Concen: 16.98 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS03

Tgt Ion: 107 Resp: 45277

Ion Ratio Lower Upper

107 100

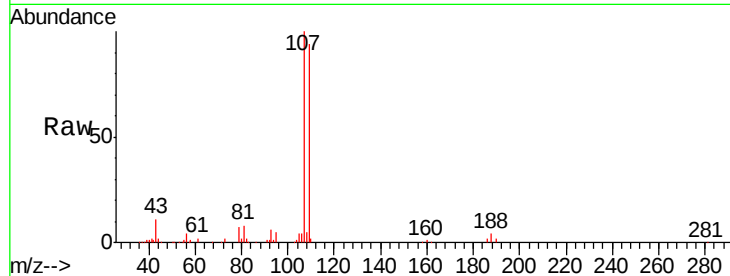
109 93.8 72.1 108.1

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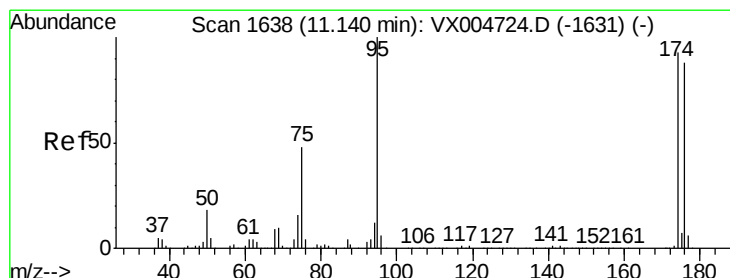
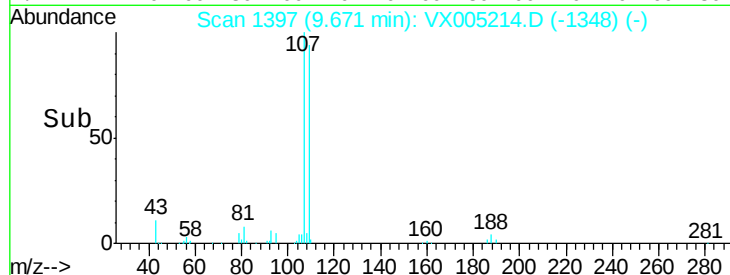
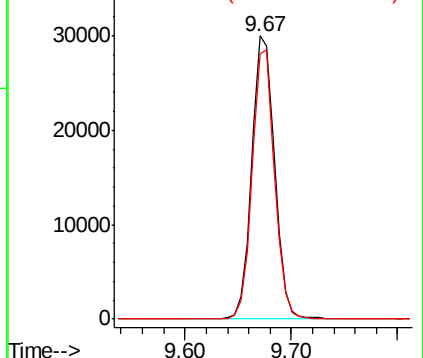
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 57.13 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

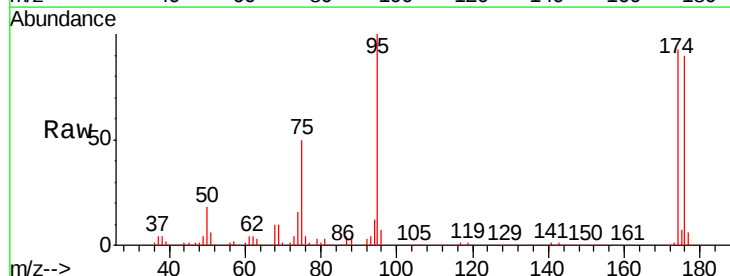
Tgt Ion: 95 Resp: 165723

Ion Ratio Lower Upper

95 100

174 91.5 0.0 185.0

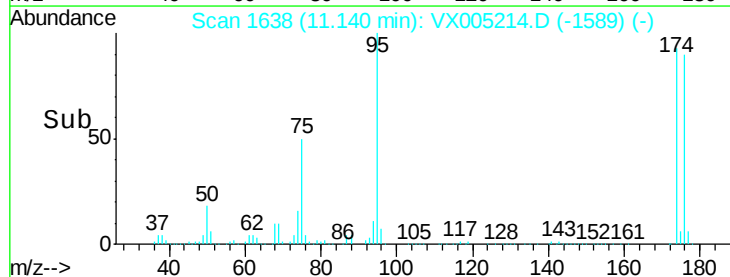
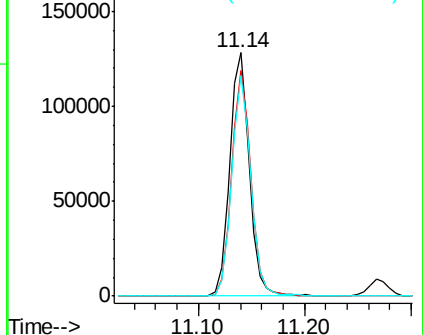
176 88.6 0.0 180.2

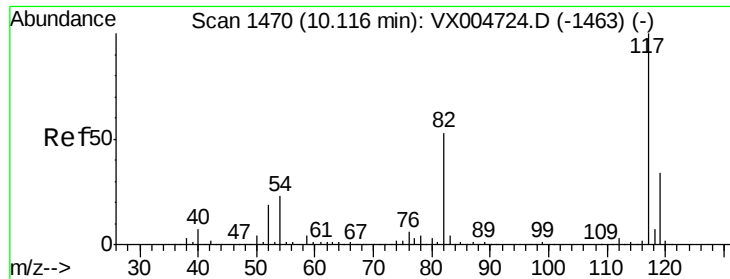


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





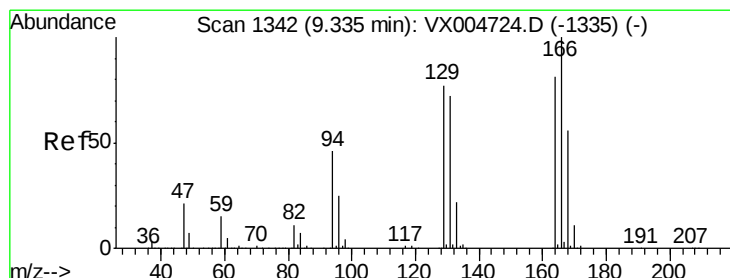
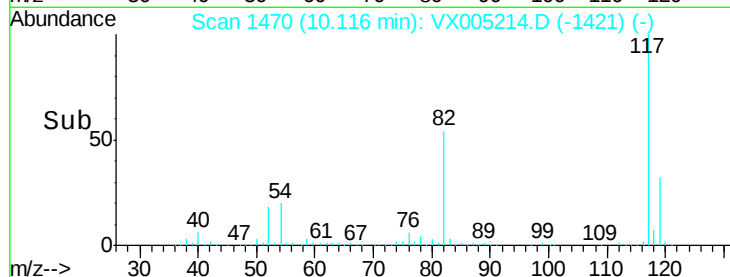
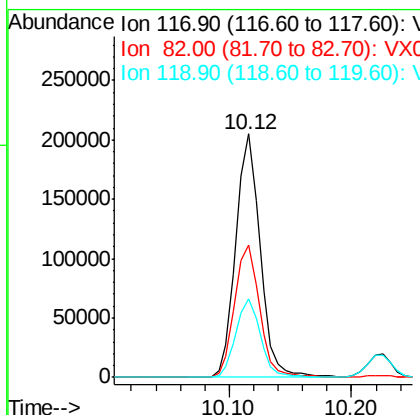
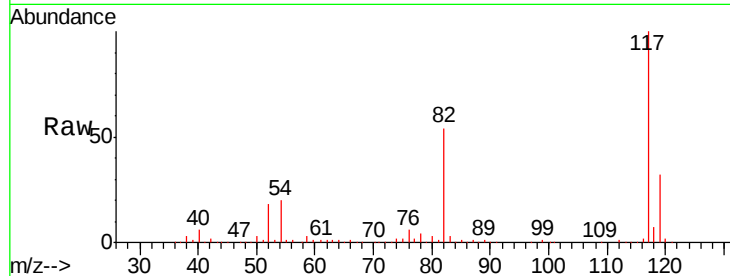
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	282744		
82	54.1	42.2	63.4	
119	32.2	27.4	41.0	

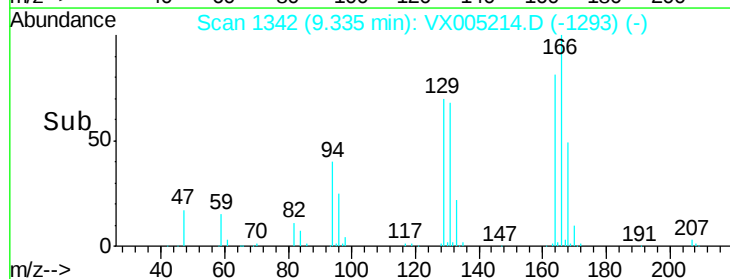
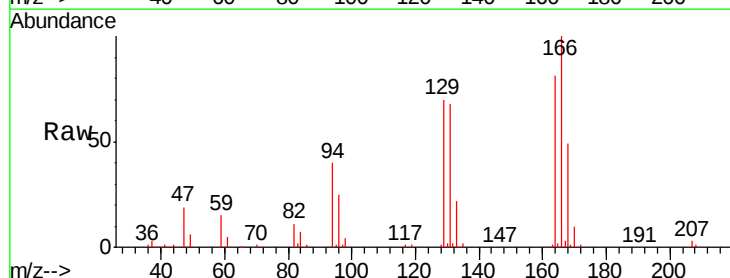
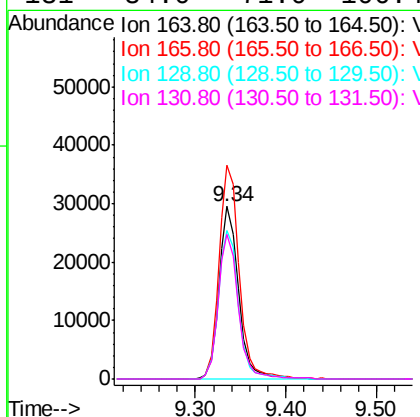
Manual Integrations
APPROVED

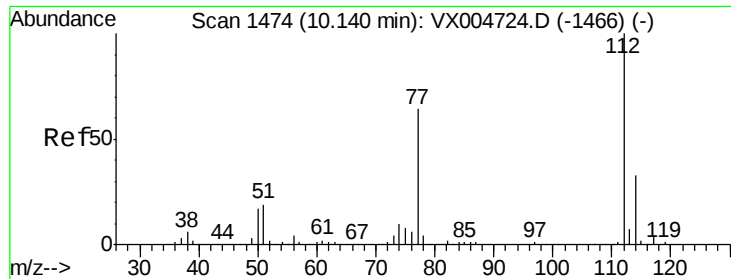
MMDadoda
10/12/2018 11:45:00 AM



#64
Tetrachloroethene
Concen: 16.02 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	44576		
166	123.9	98.4	147.6	
129	86.3	76.1	114.1	
131	84.0	71.0	106.4	





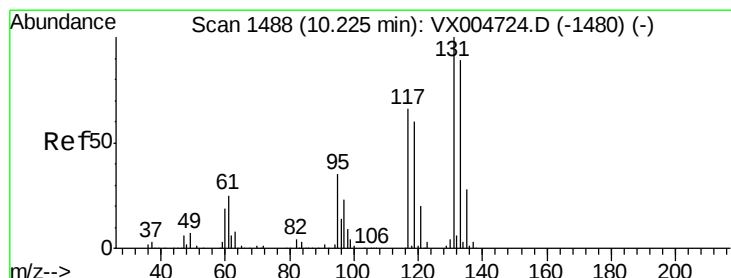
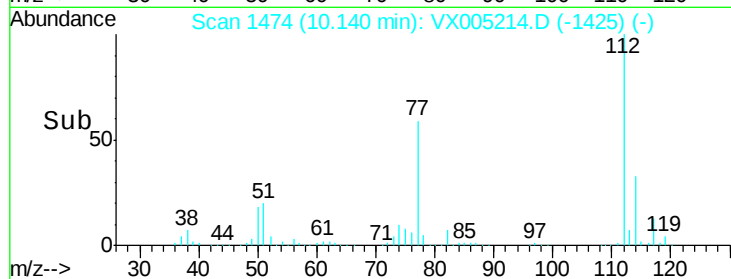
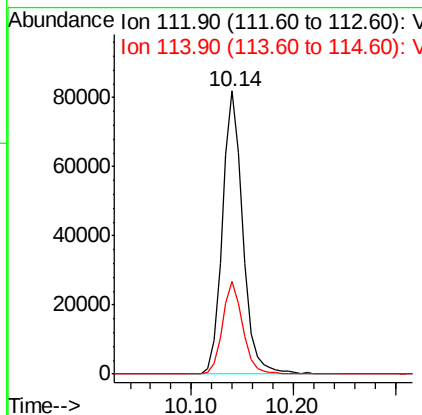
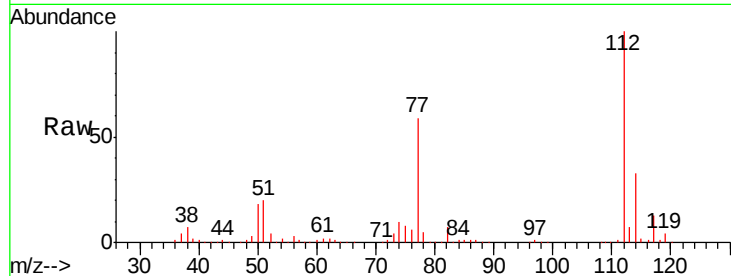
#65
Chlorobenzene
Concen: 15.70 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS03

Tgt Ion:112 Resp: 113797
Ion Ratio Lower Upper
112 100
114 32.8 26.7 40.1

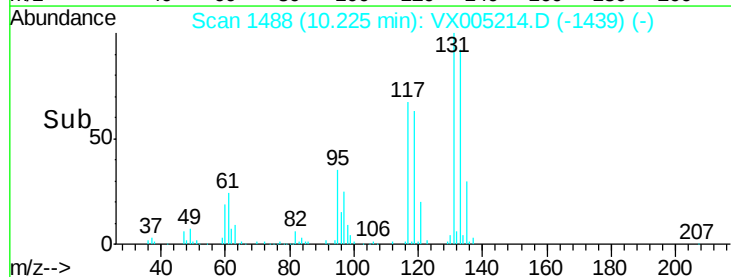
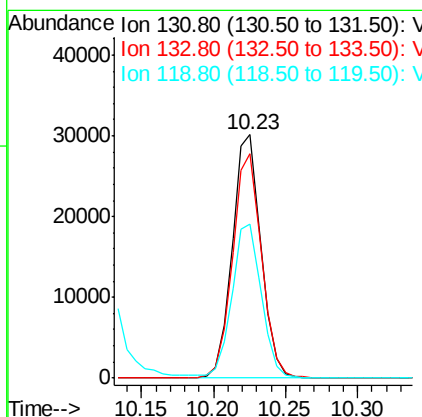
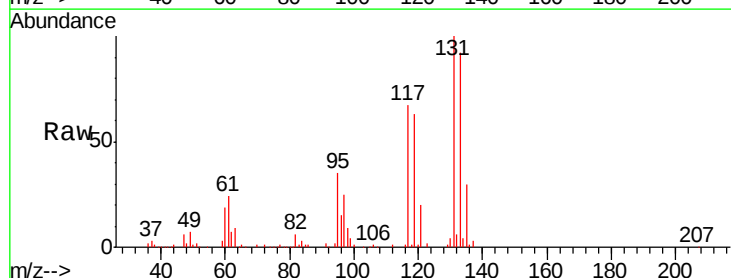
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10/12/2018 11:45:00 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 16.47 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Tgt Ion:131 Resp: 41978
Ion Ratio Lower Upper
131 100
133 93.2 48.4 145.0
119 65.0 32.3 96.8





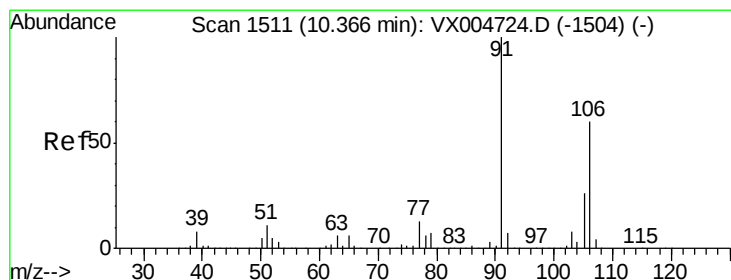
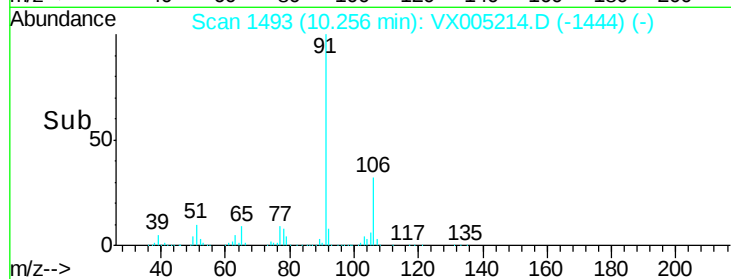
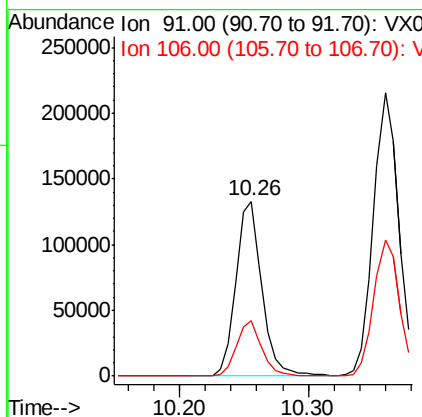
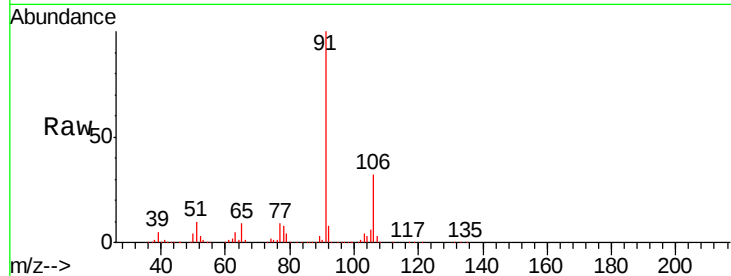
#67
Ethyl Benzene
Concen: 16.18 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS03

Tgt Ion: 91 Resp: 186201
Ion Ratio Lower Upper
91 100
106 31.7 26.9 40.3

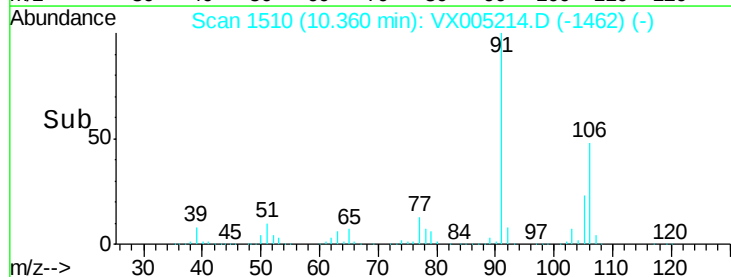
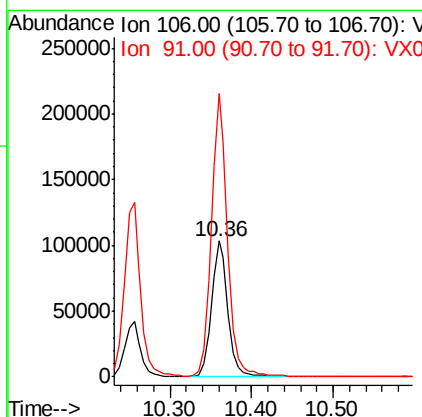
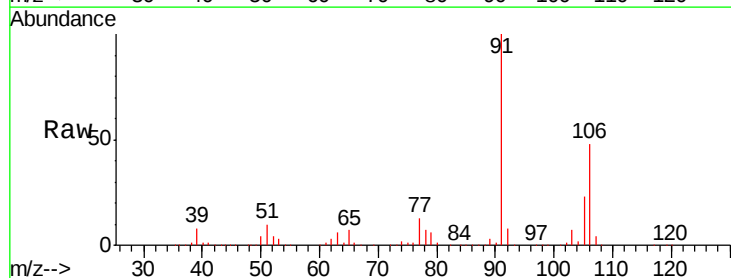
Manual Integrations
APPROVED

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10/12/2018 11:45:00 AM



#68
m/p-Xylenes
Concen: 32.73 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Tgt Ion: 106 Resp: 147212
Ion Ratio Lower Upper
106 100
91 204.6 157.5 236.3





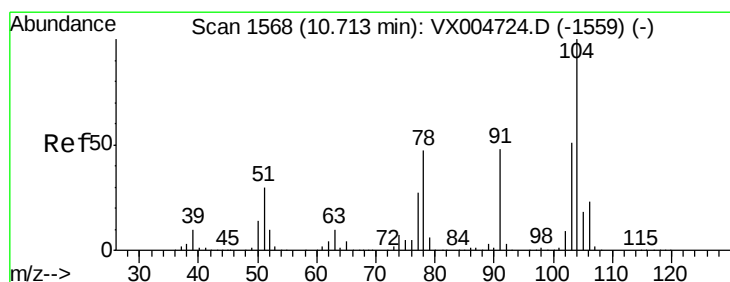
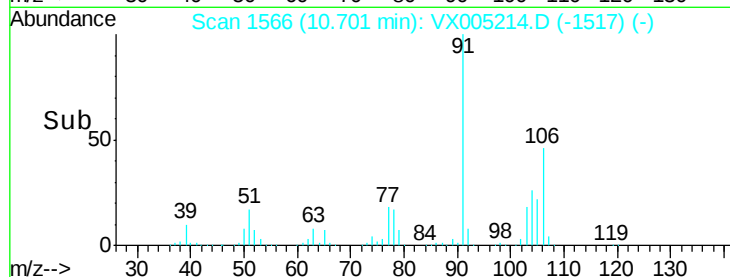
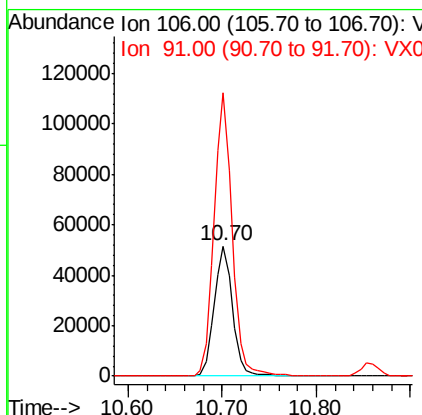
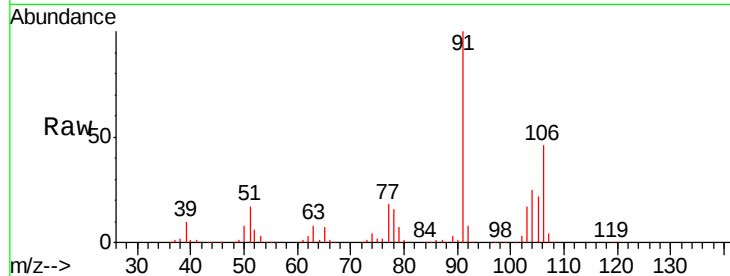
#69
o-Xylene
Concen: 16.92 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS03

Tgt Ion:106 Resp: 69909
Ion Ratio Lower Upper
106 100
91 215.2 108.3 324.8

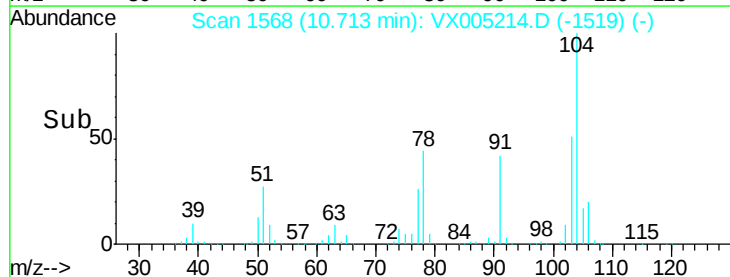
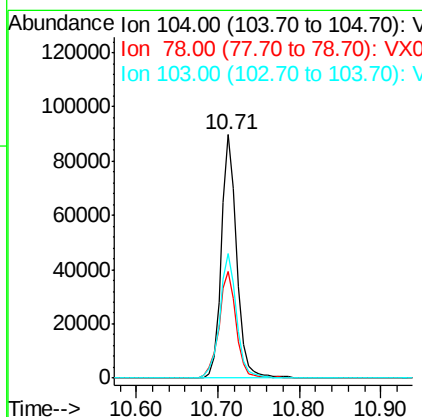
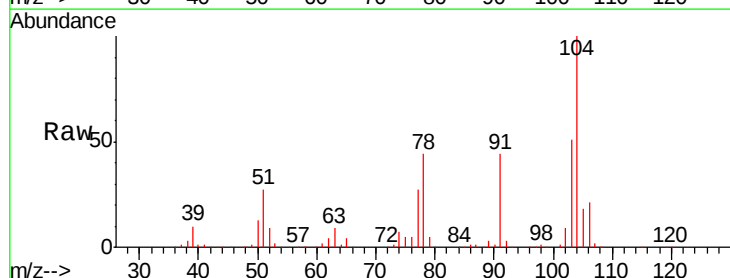
Manual Integrations
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10/12/2018 11:45:00 AM



#70
Styrene
Concen: 16.79 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Tgt Ion:104 Resp: 118288
Ion Ratio Lower Upper
104 100
78 49.6 40.0 60.0
103 56.2 44.3 66.5





#71

Bromoform

Concen: 15.97 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS03

Tgt Ion:173 Resp: 34852

Ion Ratio Lower Upper

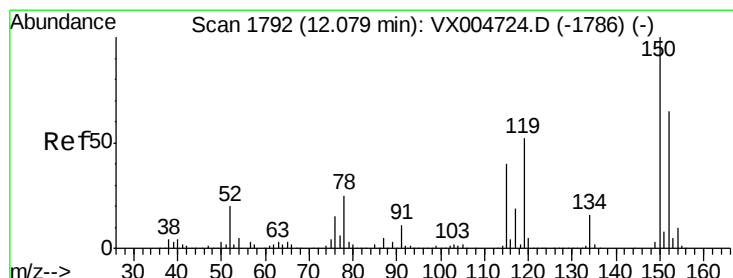
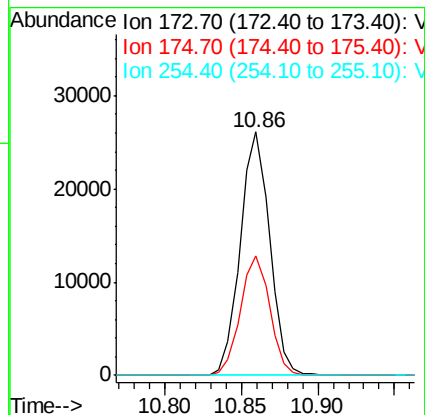
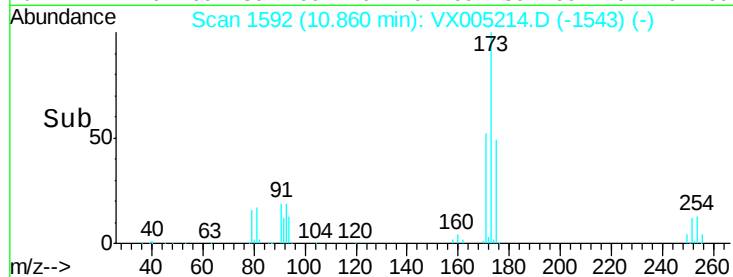
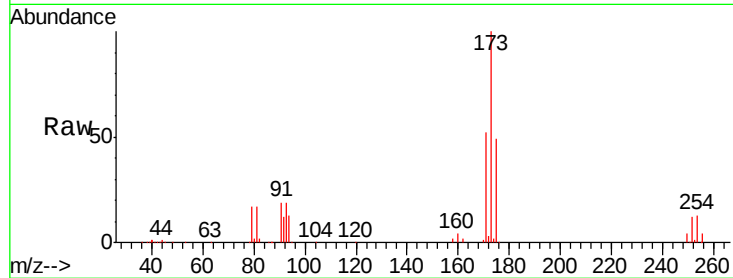
173 100

175 48.9 23.3 69.8

254 0.1 0.2 0.2#

Manual Integrations
APPROVED

MMDadoda
10/12/2018 11:45:00 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

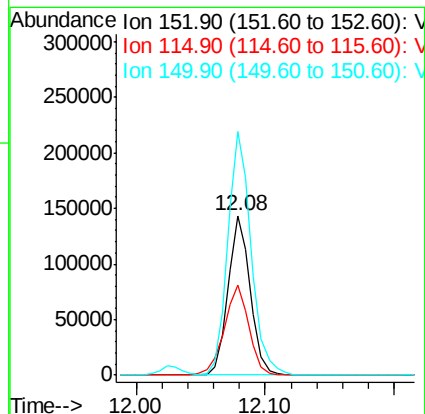
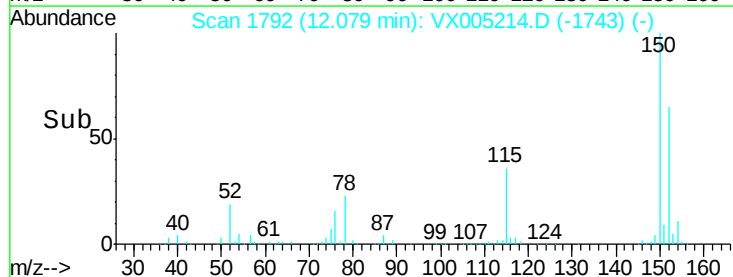
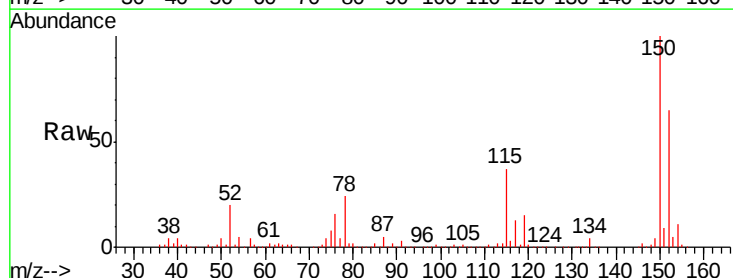
Tgt Ion:152 Resp: 173228

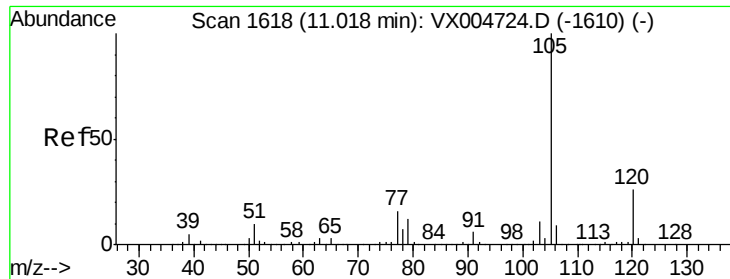
Ion Ratio Lower Upper

152 100

115 63.0 40.2 120.6

150 161.2 0.0 351.0





#73

Isopropylbenzene

Concen: 17.51 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS03

Tgt Ion: 105 Resp: 191198

Ion Ratio Lower Upper

105 100

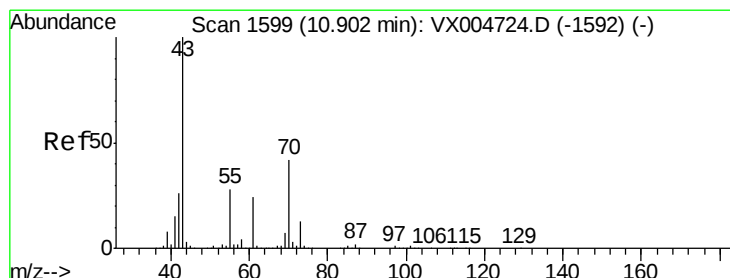
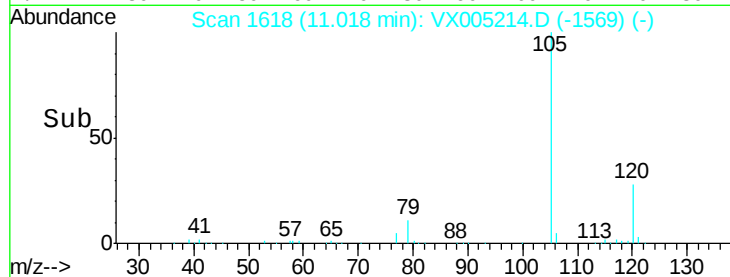
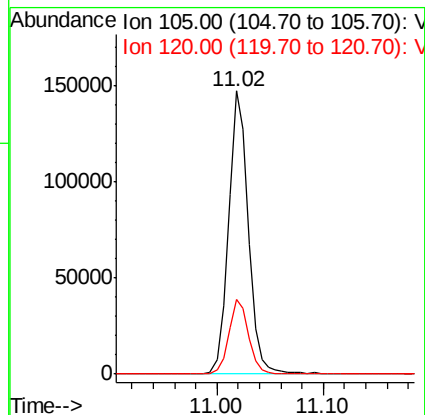
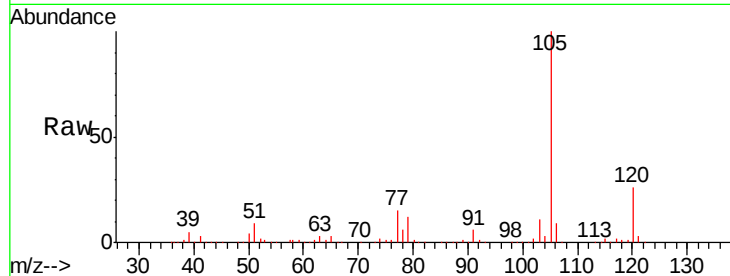
120 26.4 13.2 39.5

Manual Integrations

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#74

N-ethyl acetate

Concen: 15.65 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Tgt Ion: 43 Resp: 86439

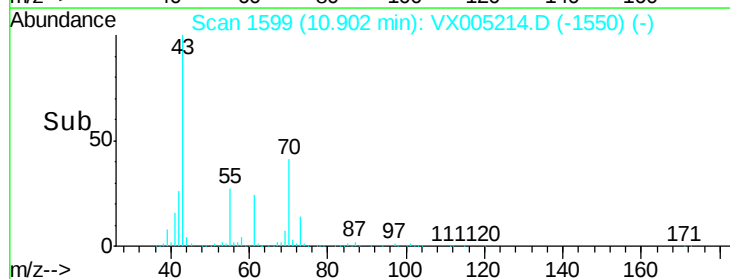
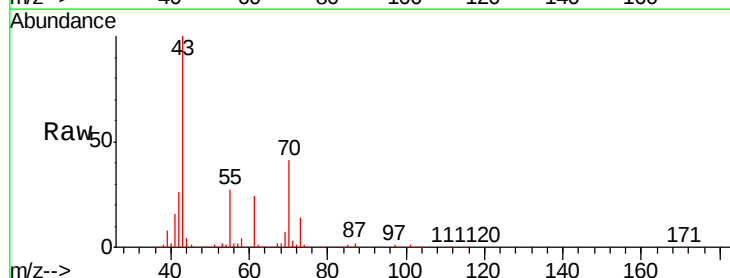
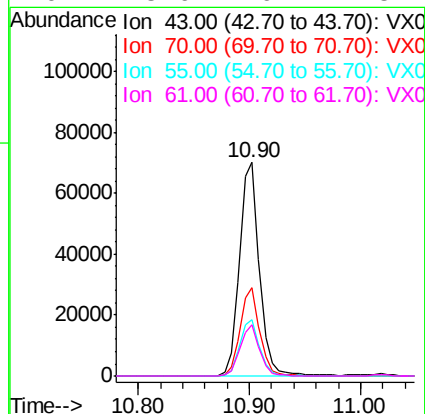
Ion Ratio Lower Upper

43 100

70 40.8 32.6 48.8

55 26.7 21.6 32.4

61 23.6 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 15.70 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

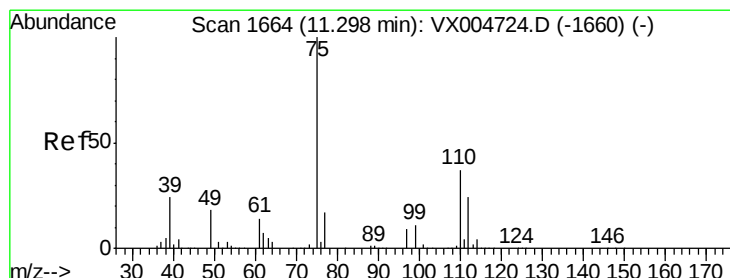
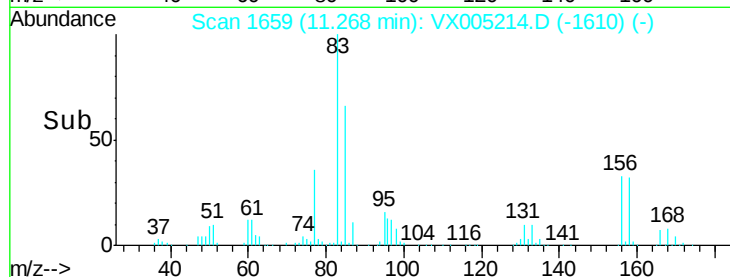
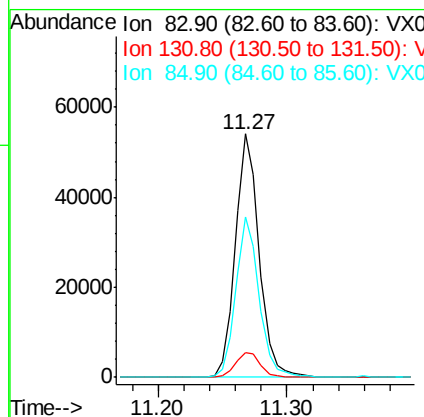
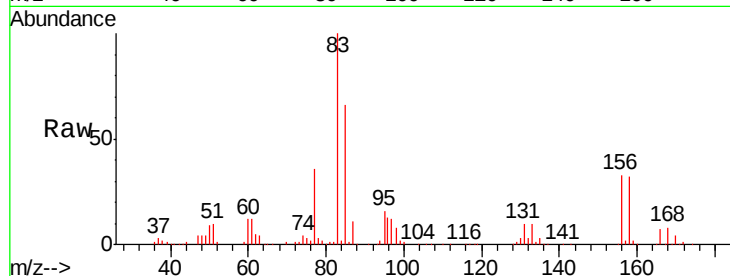
ClientSampleId :

VX1010WBS03

Tgt Ion:	83	Resp:	69771
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.3
85	64.7	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 16.78 ug/l m

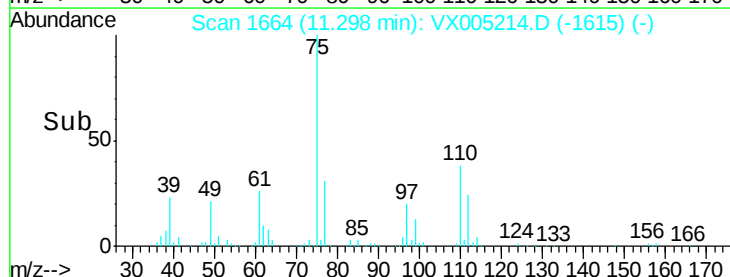
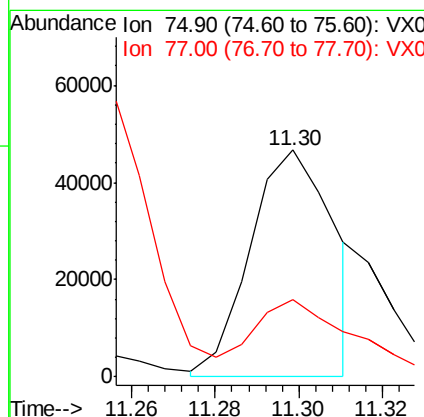
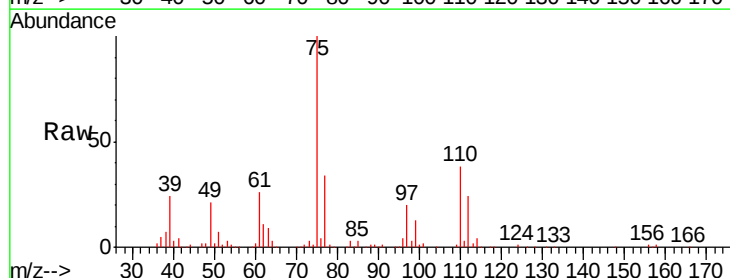
RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Tgt Ion:	75	Resp:	65143
Ion Ratio	Lower	Upper	
75	100		
77	40.5	21.4	64.3





#77

Bromobenzene

Concen: 16.74 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

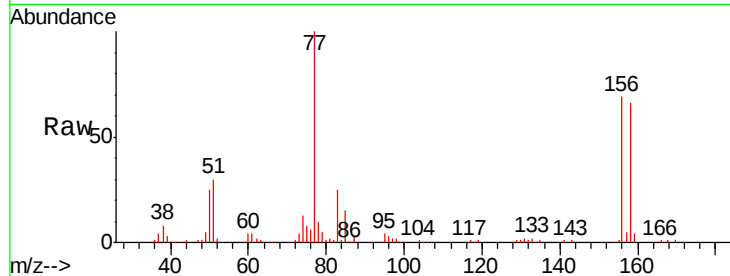
ClientSampleId :

VX1010WBS03

Tgt Ion	Ratio	Lower	Upper
156	100		
77	144.6	73.4	220.2
158	97.1	49.1	147.4

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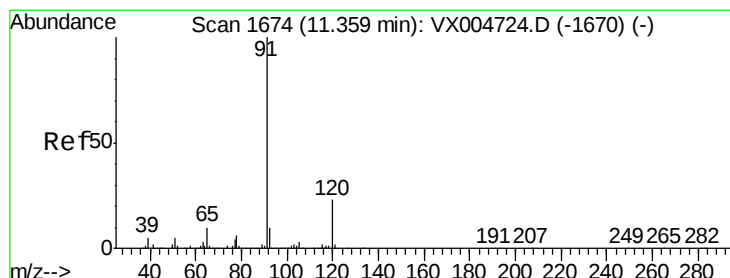
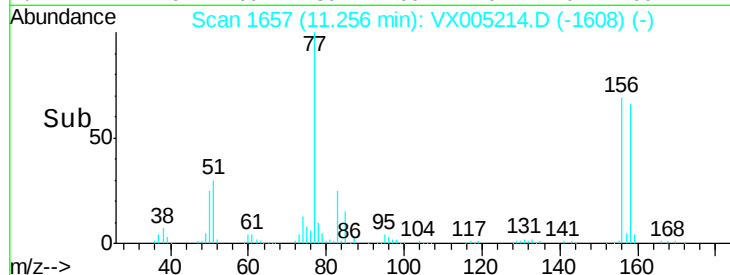
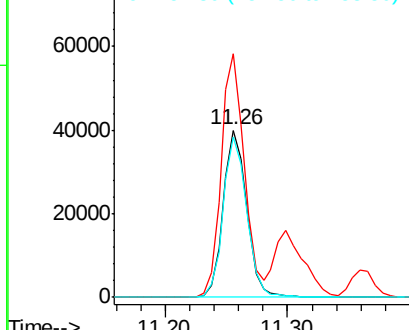
MMDadoda
10/12/2018 11:45:00 AM



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: 17.45 ug/l

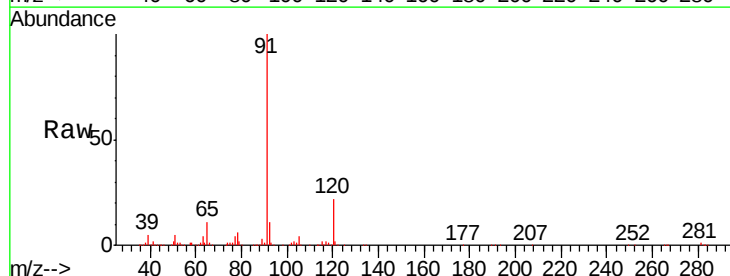
RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005214.D

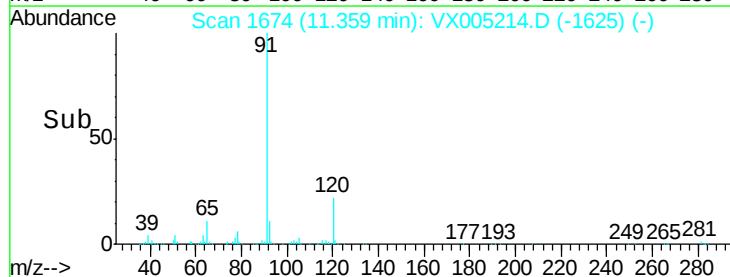
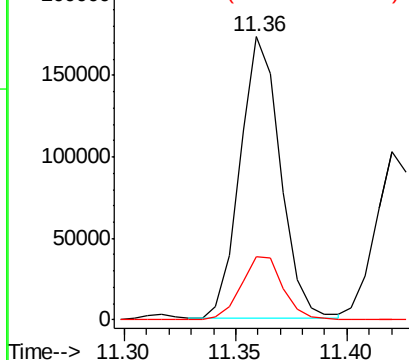
Acq: 10 Oct 2018 18:40

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	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: 17.19 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS03

Tgt Ion: 91 Resp: 134258

Ion Ratio Lower Upper

91 100

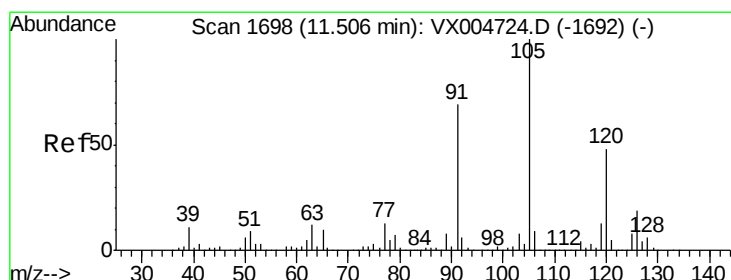
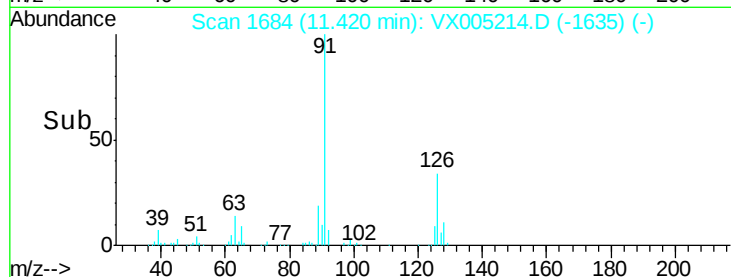
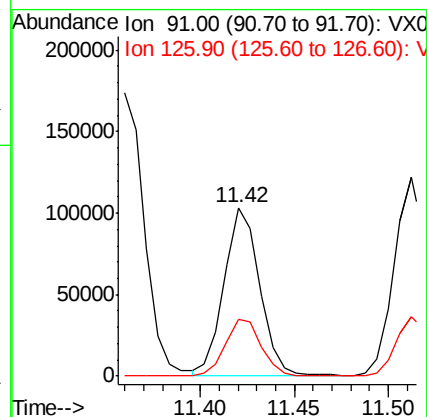
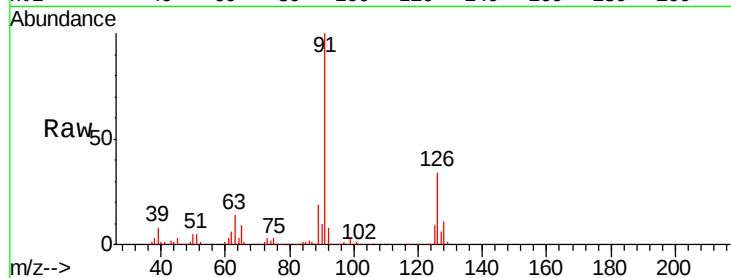
126 34.8 17.6 52.9

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 16.31 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005214.D

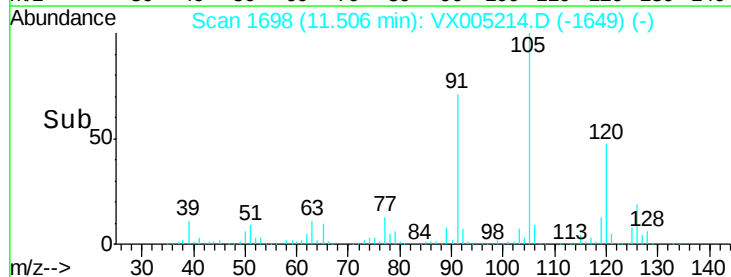
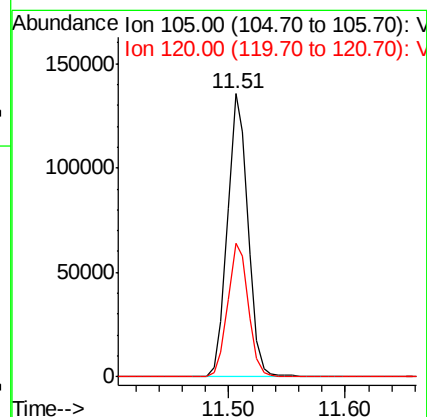
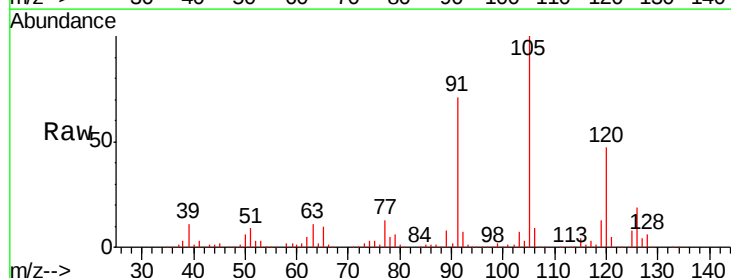
Acq: 10 Oct 2018 18:40

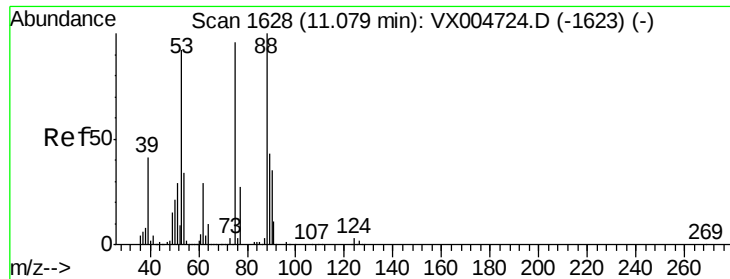
Tgt Ion: 105 Resp: 164599

Ion Ratio Lower Upper

105 100

120 47.7 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 14.82 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

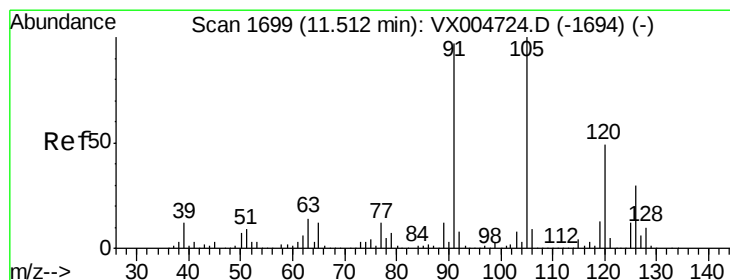
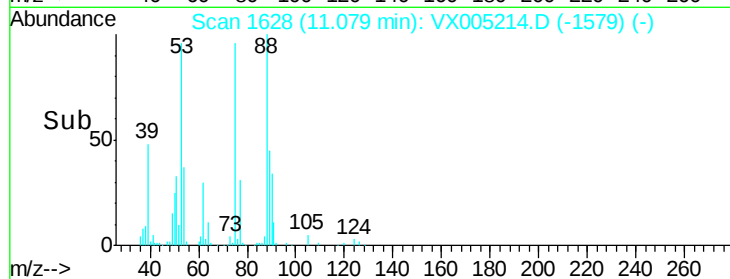
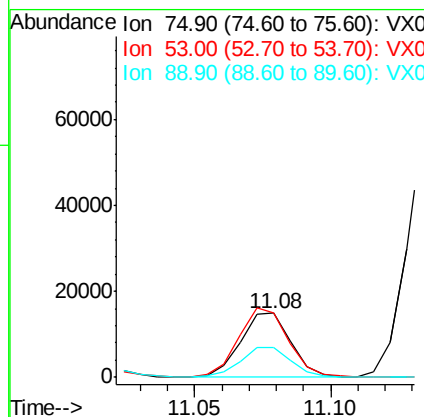
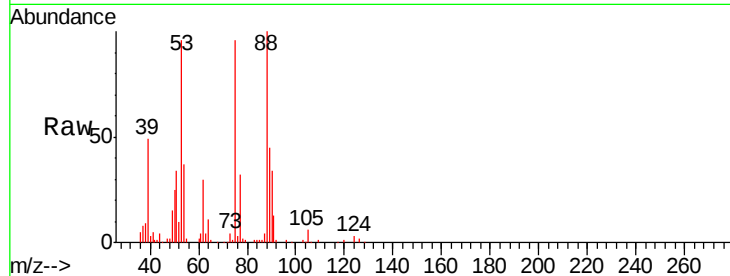
ClientSampleId :

VX1010WBS03

Tgt Ion:	75	Resp:	19018
Ion	Ratio	Lower	Upper
75	100		
53	105.8	80.2	120.4
89	47.8	37.1	55.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 17.10 ug/l

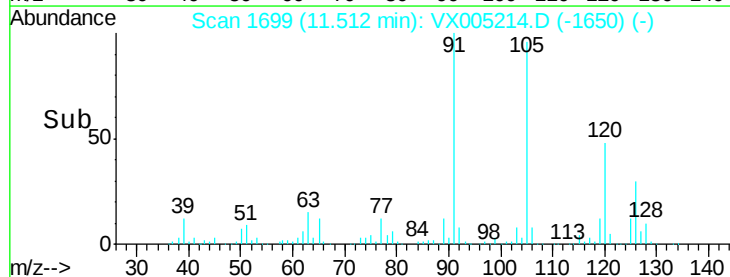
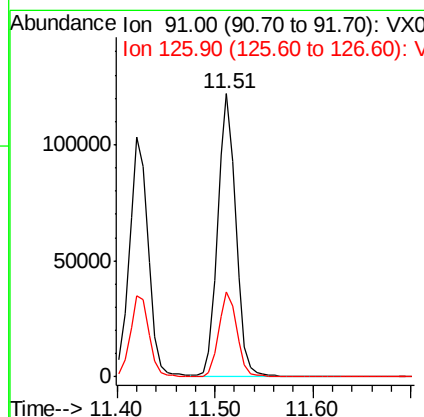
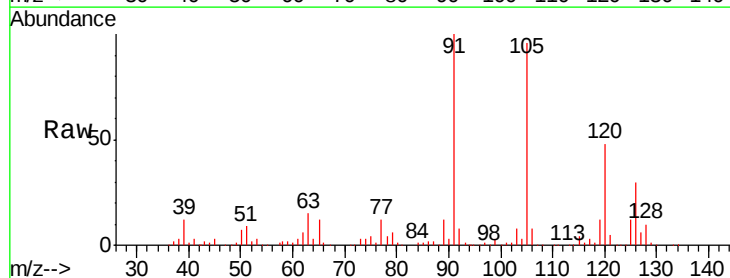
RT: 11.51 min Scan# 1699

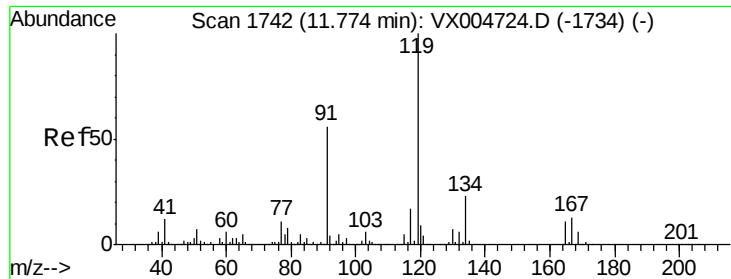
Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Tgt Ion:	91	Resp:	157185
Ion	Ratio	Lower	Upper
91	100		
126	30.2	15.5	46.5





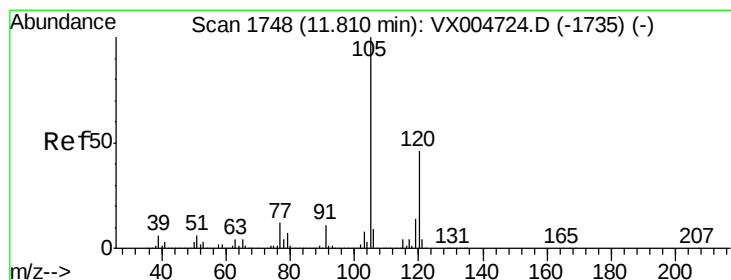
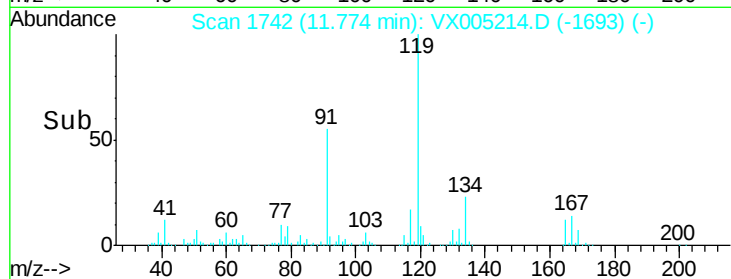
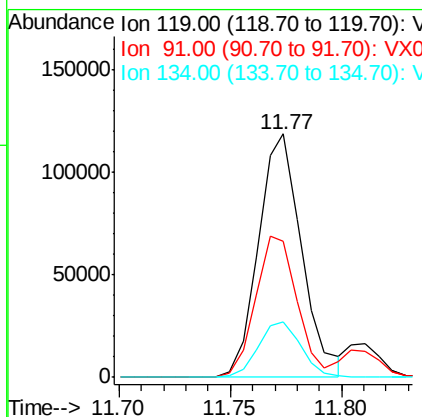
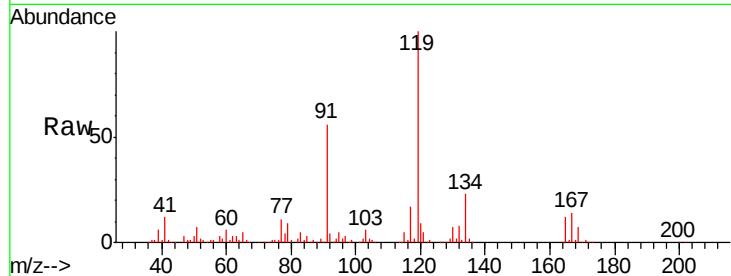
#83
 tert-Butylbenzene
 Concen: 17.83 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005214.D
 Acq: 10 Oct 2018 18:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS03

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	160250		
91	56.0	27.5	82.5	
134	23.0	11.5	34.4	

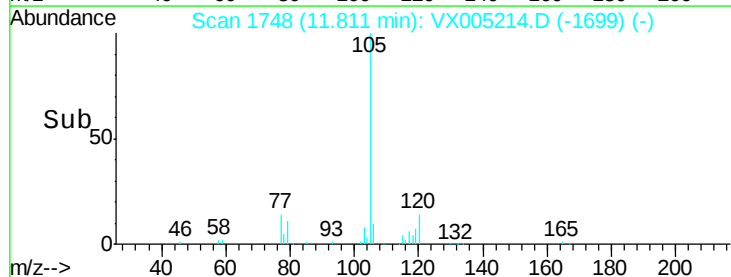
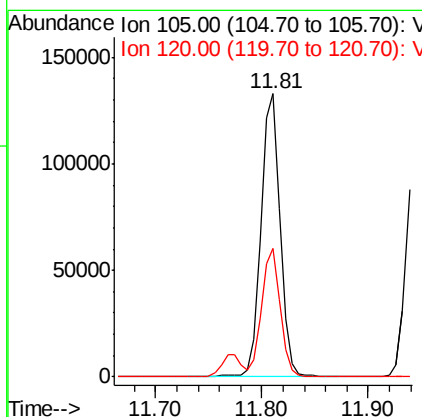
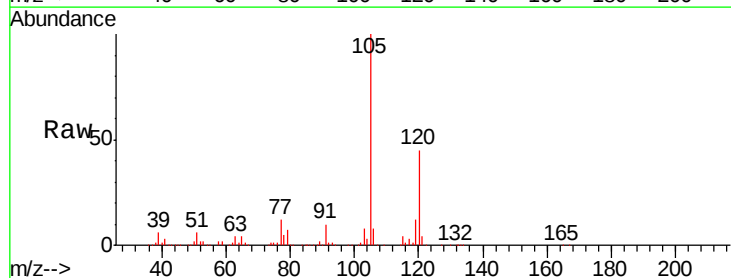
Manual Integrations
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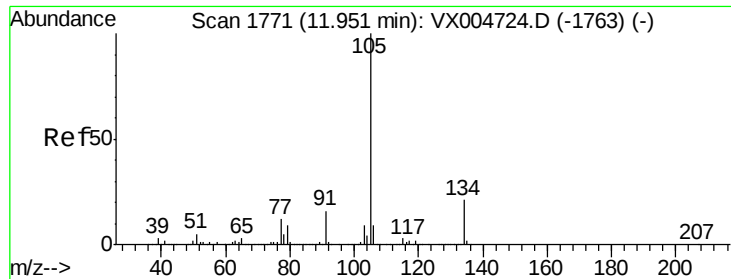
MMDadoda
 10/12/2018 11:45:00 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 16.14 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005214.D
 Acq: 10 Oct 2018 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	168002		
120	44.3	22.8	68.3	





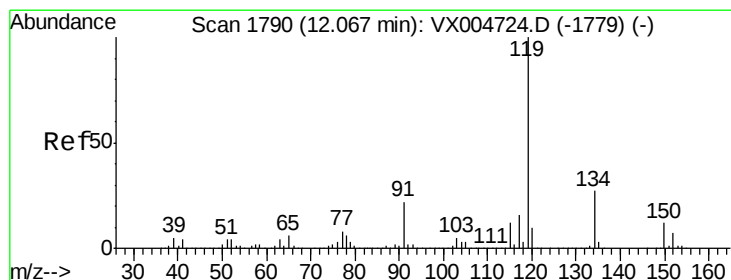
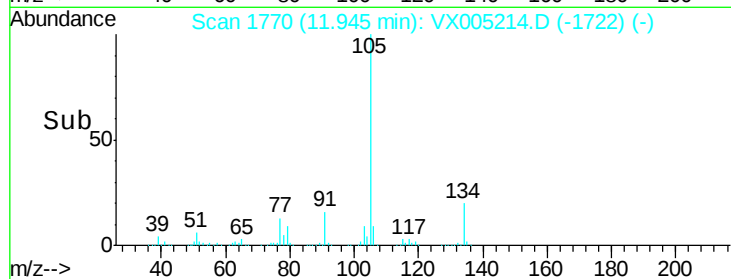
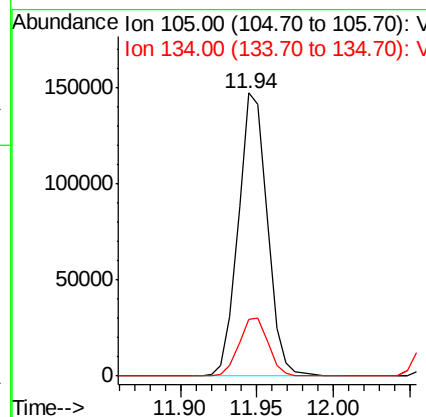
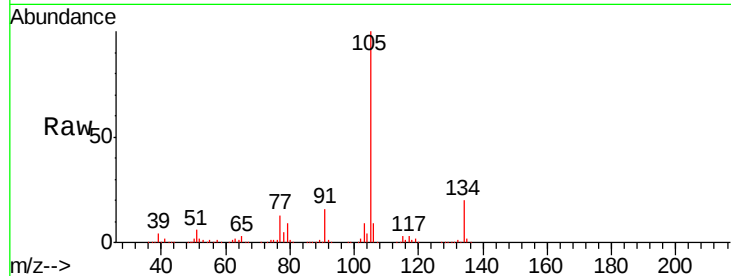
#85
 sec-Butylbenzene
 Concen: 17.63 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX005214.D
 Acq: 10 Oct 2018 18:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	193039		
134	20.7	10.2	30.4	

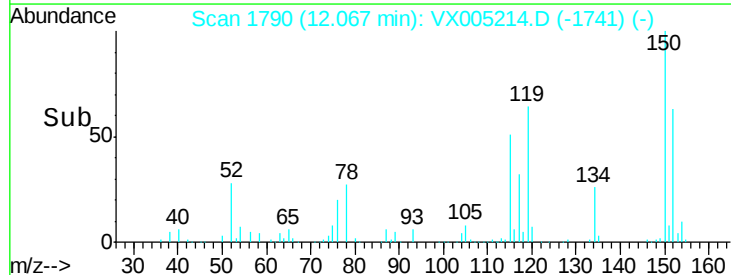
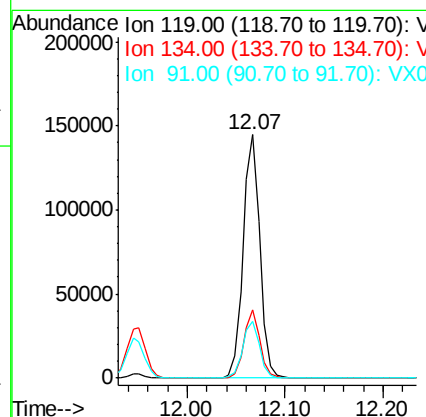
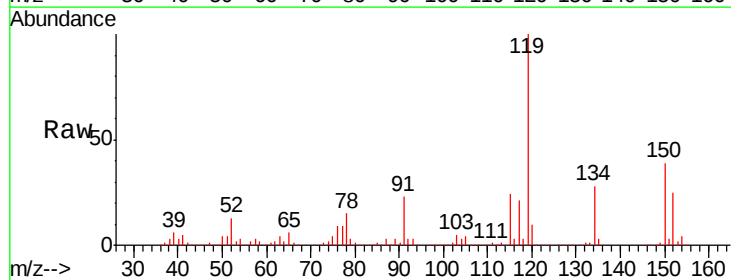
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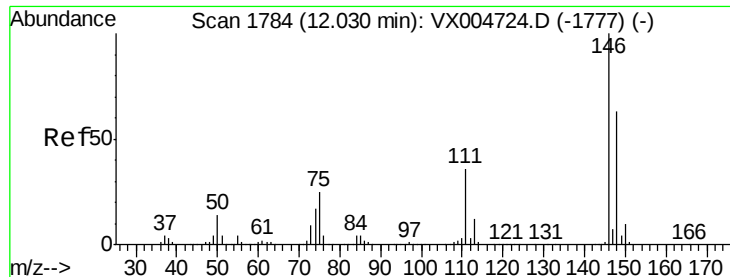
MMDadoda
 10/12/2018 11:45:00 AM



#86
 p-Isopropyltoluene
 Concen: 17.21 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX005214.D
 Acq: 10 Oct 2018 18:40

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	170755		
134	26.6	13.4	40.1	
91	23.4	11.5	34.4	





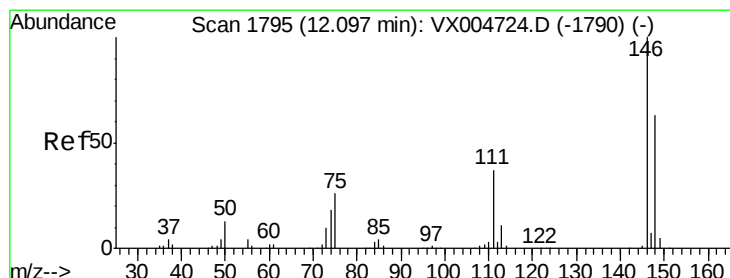
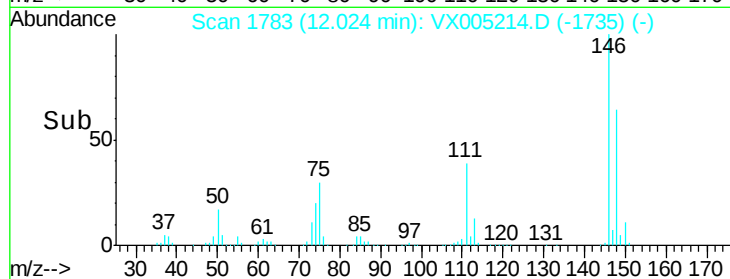
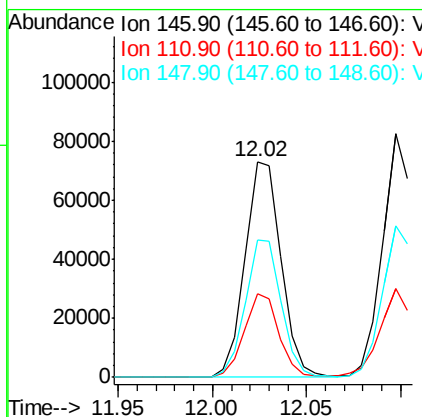
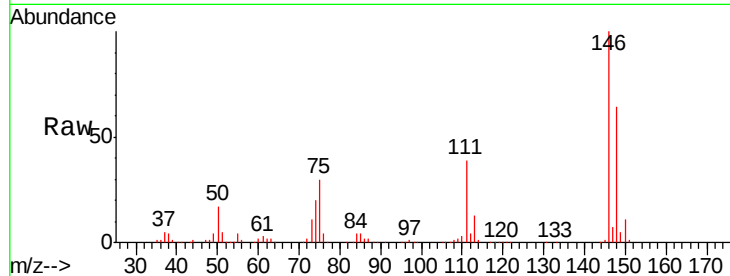
#87
 1,3-Dichlorobenzene
 Concen: 16.41 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX005214.D
 Acq: 10 Oct 2018 18:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.9	56.9
148	63.4	31.8	95.3

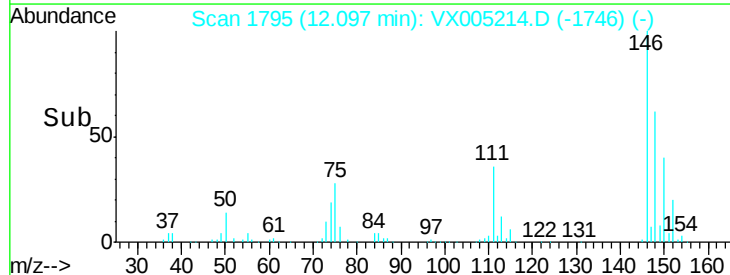
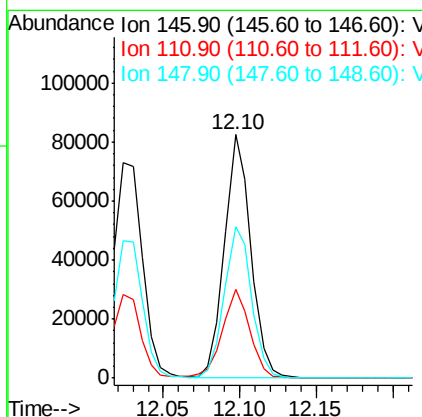
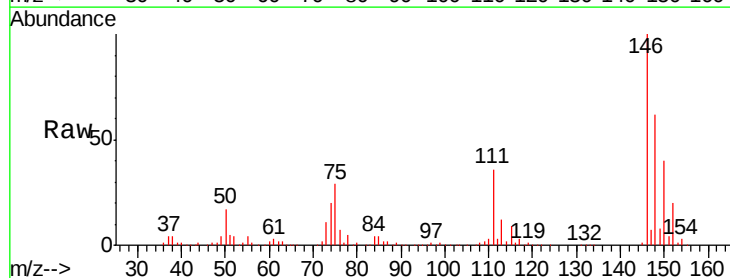
Manual Integrations
 APPROVED

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 10/12/2018 11:45:00 AM



#88
 1,4-Dichlorobenzene
 Concen: 16.19 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005214.D
 Acq: 10 Oct 2018 18:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.4	55.2
148	64.4	32.0	96.0





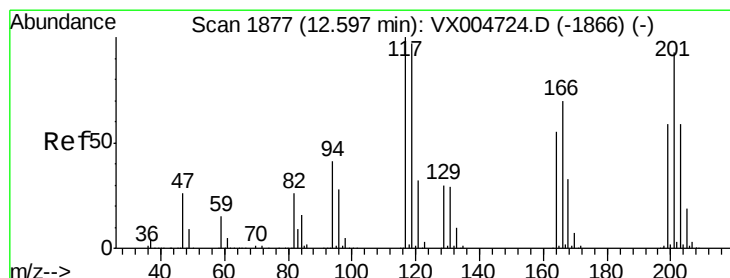
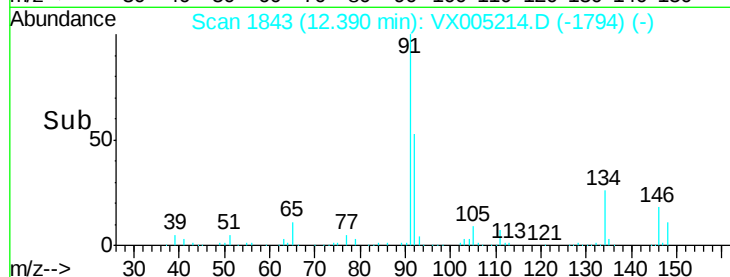
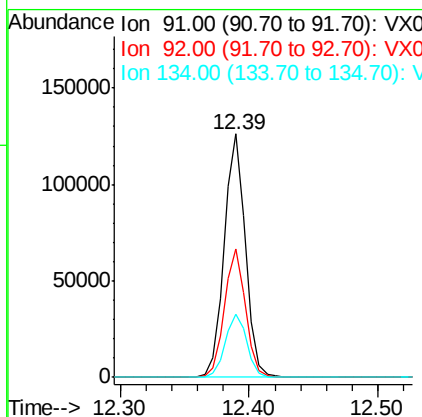
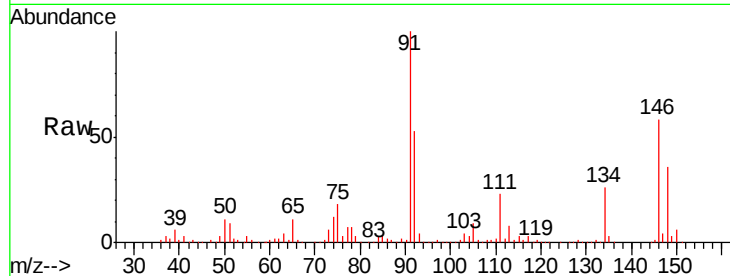
#89
n-Butylbenzene
Concen: 16.26 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS03

Tgt Ion: 91 Resp: 146528
Ion Ratio Lower Upper
91 100
92 52.4 26.0 78.0
134 26.4 13.2 39.6

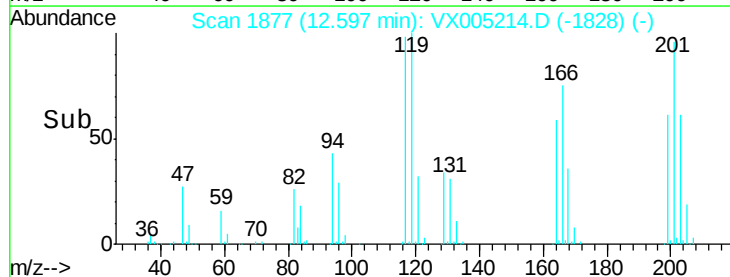
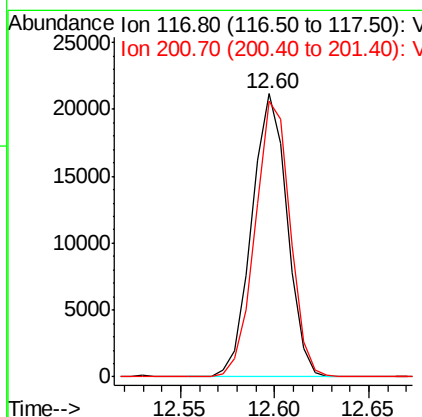
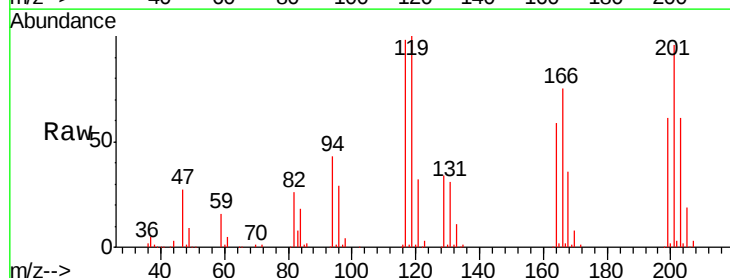
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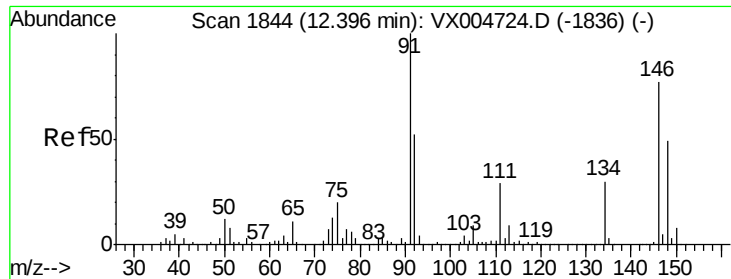
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#90
Hexachloroethane
Concen: 16.64 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Tgt Ion: 117 Resp: 27489
Ion Ratio Lower Upper
117 100
201 96.5 48.4 145.0





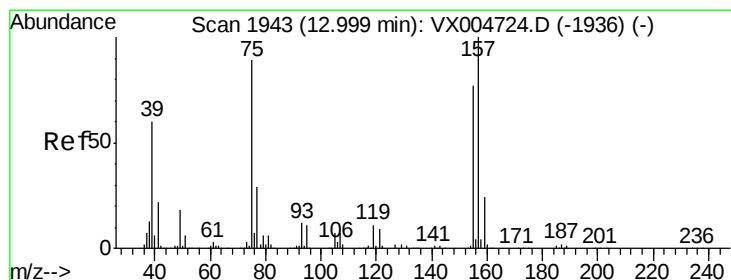
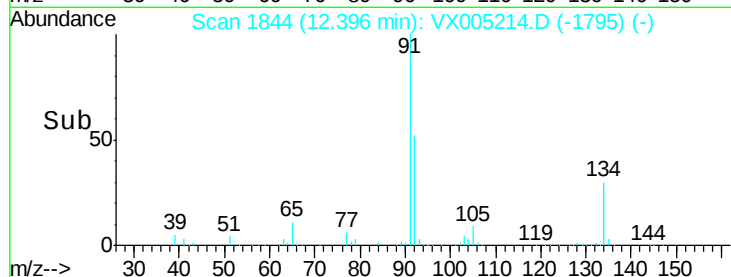
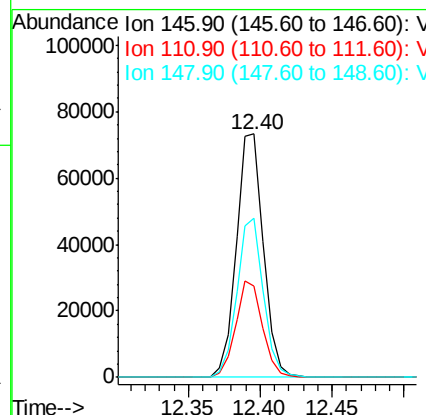
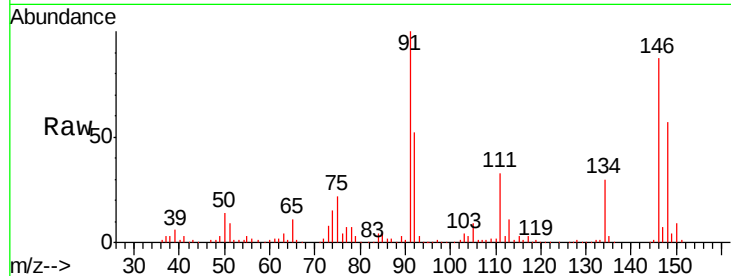
#91
 1,2-Dichlorobenzene
 Concen: 15.60 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: VX005214.D
 Acq: 10 Oct 2018 18:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.6	58.7
148	63.7	31.8	95.4

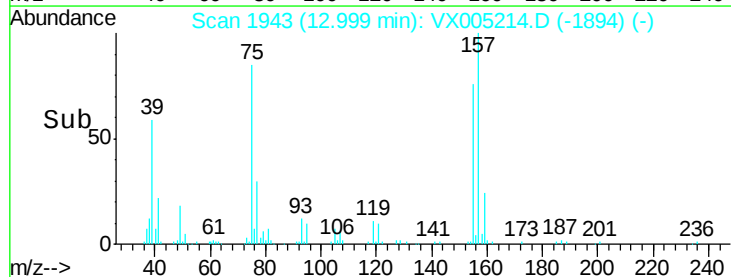
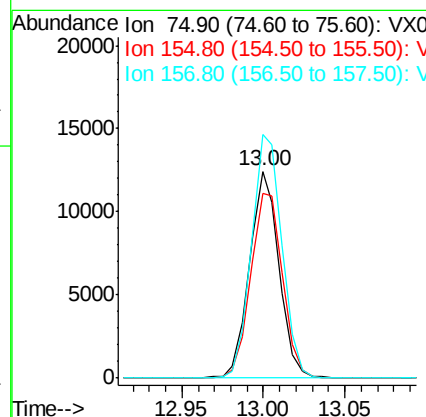
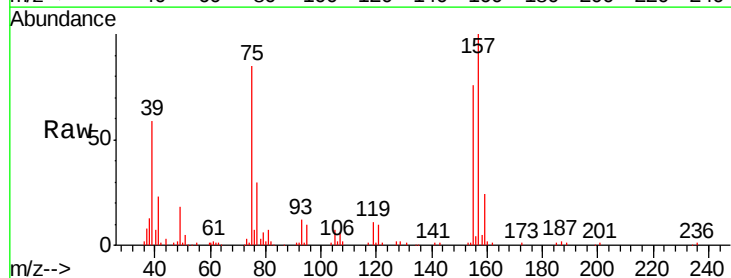
Manual Integrations
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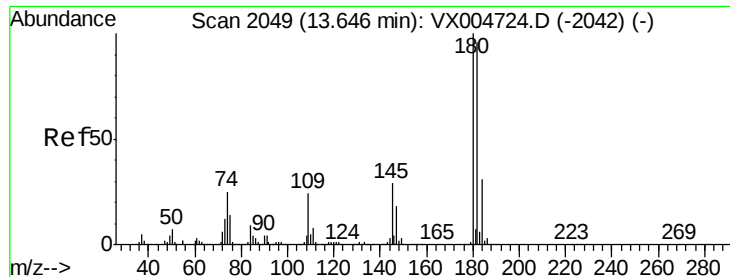
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.07 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX005214.D
 Acq: 10 Oct 2018 18:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.3	46.1	138.3
157	121.3	60.2	180.6





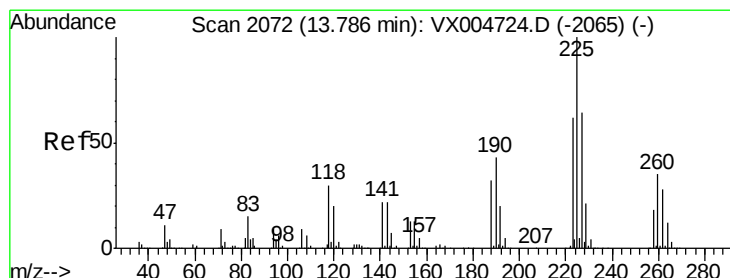
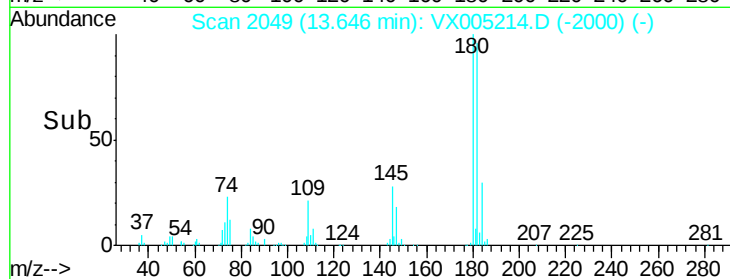
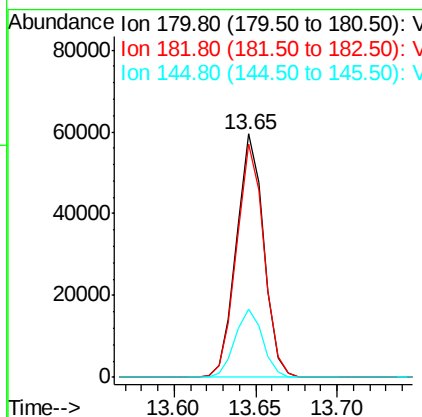
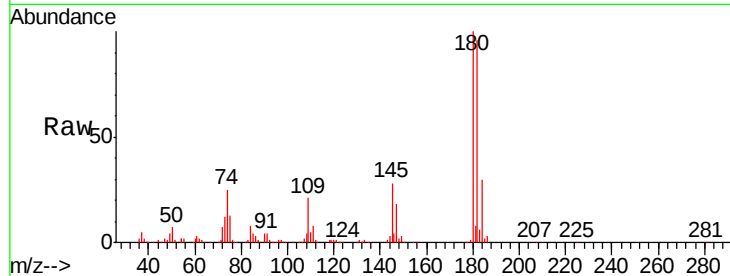
#93
1,2,4-Trichlorobenzene
Concen: 15.95 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS03

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.3	47.8	143.4
145	28.3	14.1	42.4

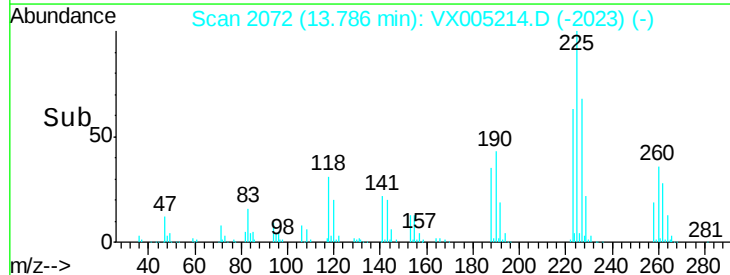
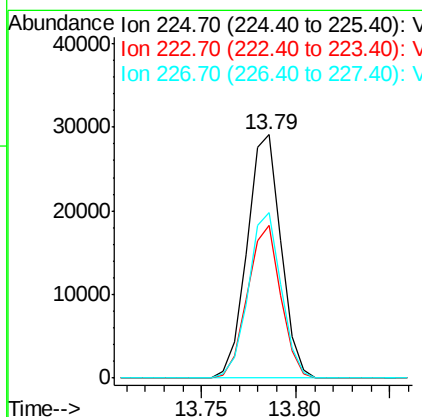
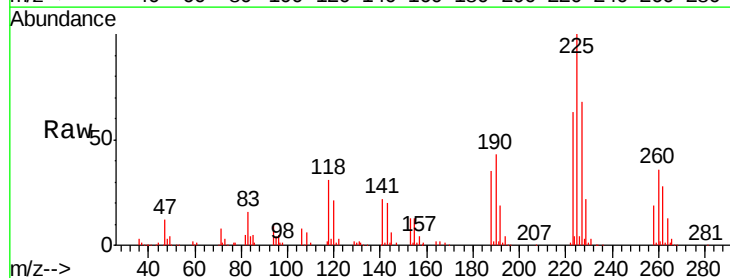
Manual Integrations
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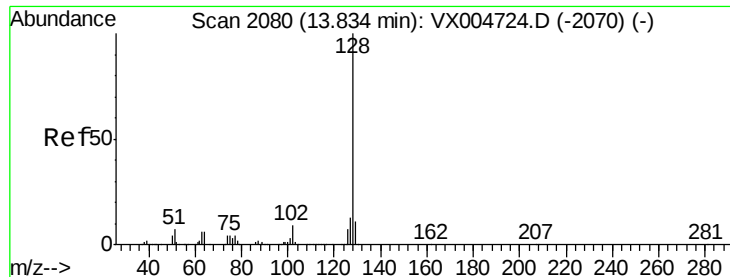
MMDadoda
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#94
Hexachlorobutadiene
Concen: 16.11 ug/l
RT: 13.79 min Scan# 2072
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	61.2	31.3	93.8
227	66.0	31.9	95.5





#95

Naphthalene

Concen: 15.15 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

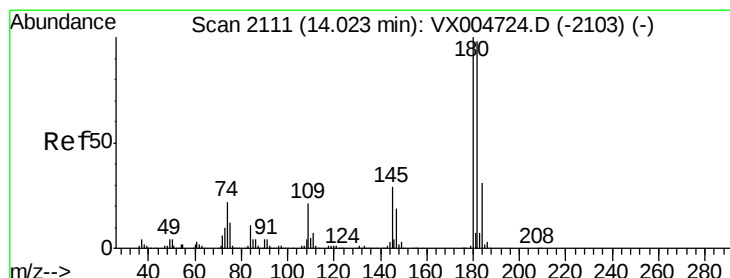
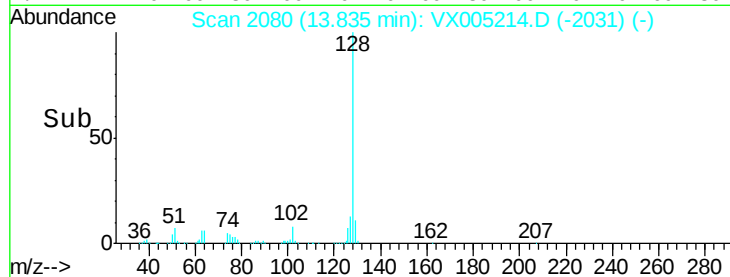
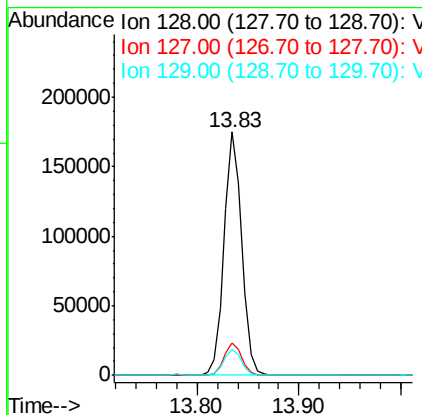
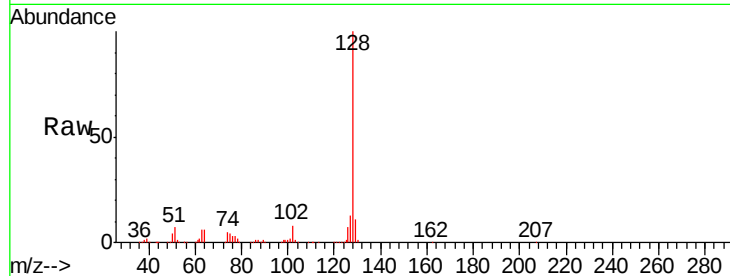
ClientSampleId :

VX1010WBS03

Tgt Ion:	128	Resp:	211004
Ion Ratio		Lower	Upper
128	100		
127	13.3	10.4	15.6
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/12/2018 11:45:00 AM



#96

1,2,3-Trichlorobenzene

Concen: 16.33 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Tgt Ion:	180	Resp:	73243
Ion Ratio		Lower	Upper
180	100		
182	96.1	47.9	143.8
145	29.4	15.0	45.0

