

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101018\
 Data File : VX005231.D
 Acq On : 11 Oct 2018 04:04
 Operator : JC/MD
 Sample : VX1010WBS04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS04

Manual Integrations
 APPROVED

MMDadoda
 10/12/2018 11:45:02 AM

Quant Time: Oct 11 08:19:23 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	178791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	267745	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	275412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169726	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	133803	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
35) Dibromofluoromethane	5.50	113	113001	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
50) Toluene-d8	8.72	98	421984	55.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.88%	
62) 4-Bromofluorobenzene	11.14	95	162590	59.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	52149	21.39	ug/l	97
3) Chloromethane	1.32	50	58980	19.94	ug/l	100
4) Vinyl Chloride	1.40	62	58075	20.94	ug/l	100
5) Bromomethane	1.64	94	34648	21.06	ug/l	93
6) Chloroethane	1.71	64	33439	20.76	ug/l	97
7) Trichlorofluoromethane	1.93	101	76060	22.15	ug/l	94
8) Diethyl Ether	2.19	74	29097	19.50	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	40884	20.90	ug/l	98
10) Methyl Iodide	2.51	142	41444	15.83	ug/l	91
11) Tert butyl alcohol	3.08	59	79327	111.08	ug/l	100
12) 1,1-Dichloroethene	2.37	96	38993	20.13	ug/l	93
13) Acrolein	2.29	56	41032	80.76	ug/l	93
14) Allyl chloride	2.73	41	84220	19.92	ug/l	95
15) Acrylonitrile	3.15	53	165030	104.98	ug/l	96
16) Acetone	2.45	43	151668	101.72	ug/l	92
17) Carbon Disulfide	2.57	76	112173	19.27	ug/l	100
18) Methyl Acetate	2.78	43	88137	23.33	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	143125	21.42	ug/l	98
20) Methylene Chloride	2.85	84	45814	20.64	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	42329	19.96	ug/l #	81
22) Diisopropyl ether	3.87	45	138460	19.45	ug/l	97
23) Vinyl Acetate	3.82	43	622297	95.51	ug/l	97
24) 1,1-Dichloroethane	3.70	63	85594	20.16	ug/l	99
25) 2-Butanone	4.71	43	213800	97.27	ug/l	97
26) 2,2-Dichloropropane	4.58	77	37026	12.52	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	42707	18.03	ug/l	95
28) Bromochloromethane	5.01	49	37351	18.68	ug/l	99
29) Tetrahydrofuran	5.16	42	136670	100.05	ug/l	98
30) Chloroform	5.21	83	76532	19.07	ug/l	99
31) Cyclohexane	5.57	56	64203	19.76	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	65079	19.86	ug/l	97
36) 1,1-Dichloropropene	5.80	75	54680	17.66	ug/l	95
37) Ethyl Acetate	4.86	43	75232	18.31	ug/l	98
38) Carbon Tetrachloride	5.78	117	57938	17.80	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	58689	18.56	ug/l #	86
40) Benzene	6.13	78	175463	18.10	ug/l	92
41) Methacrylonitrile	5.06	41	40244	17.66	ug/l	95
42) 1,2-Dichloroethane	6.20	62	62082	18.12	ug/l	98
43) Isopropyl Acetate	6.47	43	102599	17.30	ug/l	95
44) Trichloroethene	7.21	130	45092	18.92	ug/l	92
45) 1,2-Dichloropropane	7.52	63	45872	19.30	ug/l	97
46) Dibromomethane	7.66	93	29359	19.65	ug/l	98
47) Bromodichloromethane	7.90	83	56952	20.36	ug/l	97
48) Methyl methacrylate	7.78	41	54459	20.23	ug/l	99
49) 1,4-Dioxane	7.76	88	26453	395.49	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	391174	104.74	ug/l	99
52) Toluene	8.79	92	106370	19.97	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	55162	17.45	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	62667	18.93	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	44783	19.20	ug/l	95
56) Ethyl methacrylate	9.18	69	62751	18.49	ug/l	99
57) 1,3-Dichloropropane	9.37	76	74047	19.07	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	164417	91.38	ug/l	98
59) 2-Hexanone	9.50	43	306134	98.36	ug/l	94
60) Dibromochloromethane	9.59	129	44971	19.28	ug/l	99
61) 1,2-Dibromoethane	9.68	107	46543	18.63	ug/l	96
64) Tetrachloroethene	9.34	164	47970	17.70	ug/l	96
65) Chlorobenzene	10.14	112	118120	16.73	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	43309	17.44	ug/l	98
67) Ethyl Benzene	10.26	91	192651	17.18	ug/l	98
68) m/p-Xylenes	10.36	106	153957	35.14	ug/l	96
69) o-Xylene	10.70	106	72498	18.01	ug/l	100
70) Styrene	10.71	104	123693	17.87	ug/l	99
71) Bromoform	10.86	173	36794	17.31	ug/l #	97
73) Isopropylbenzene	11.02	105	197692	18.48	ug/l	99
74) N-amyl acetate	10.90	43	89745	16.48	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	73983	16.99	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	67798m	17.82	ug/l	
77) Bromobenzene	11.26	156	55089	17.73	ug/l	99
78) n-propylbenzene	11.36	91	226679	18.47	ug/l	99
79) 2-Chlorotoluene	11.42	91	138493	18.10	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	170690	17.28	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	16355	13.25	ug/l	96
82) 4-Chlorotoluene	11.51	91	163743	18.18	ug/l	100
83) tert-Butylbenzene	11.77	119	163326	18.54	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	175622	17.24	ug/l	99
85) sec-Butylbenzene	11.94	105	198969	18.55	ug/l	99
86) p-Isopropyltoluene	12.07	119	176479	18.16	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	101814	17.55	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	102462	17.11	ug/l	98
89) n-Butylbenzene	12.39	91	150671	17.07	ug/l	99
90) Hexachloroethane	12.60	117	28591	17.67	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	101980	16.82	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17360	18.16	ug/l	97

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ClientSampleId :
VX1010WBS04

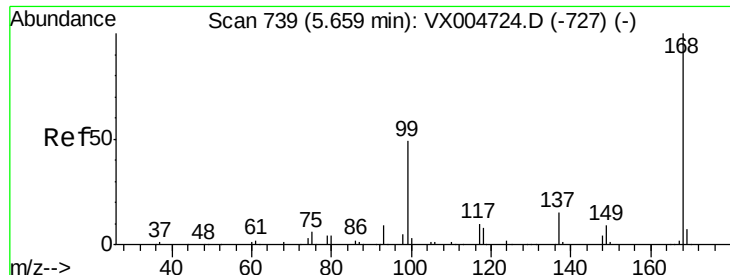
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	73219	17.21	ug/l	99
94) Hexachlorobutadiene	13.79	225	37736	17.11	ug/l	99
95) Naphthalene	13.83	128	221743	16.20	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	76087	17.32	ug/l	99

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



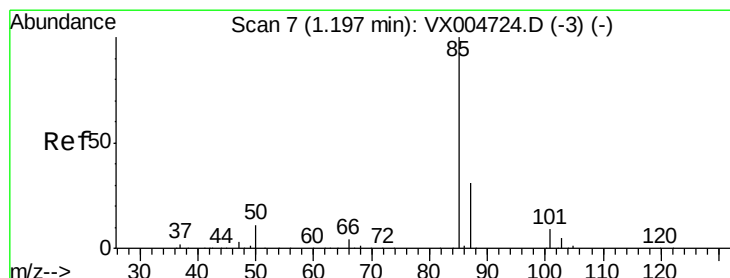
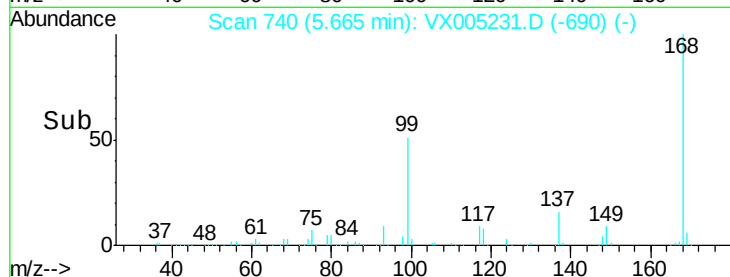
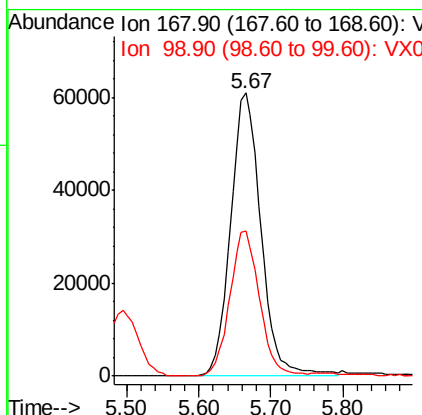
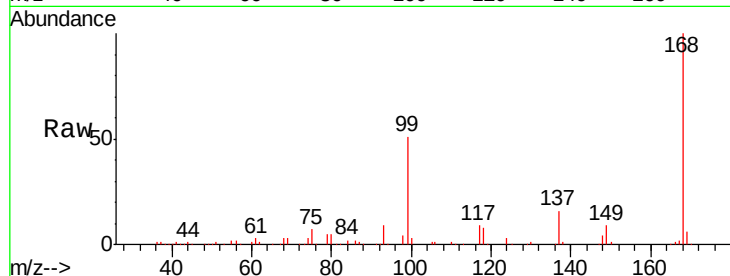
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS04

Tgt Ion	Ratio	Lower	Upper
168	100		
99	51.3	39.3	58.9

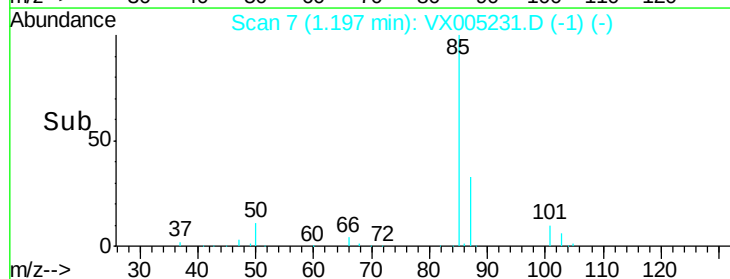
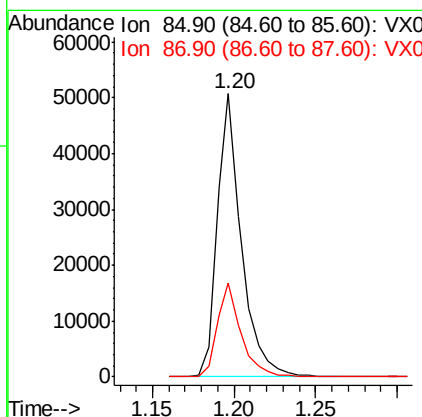
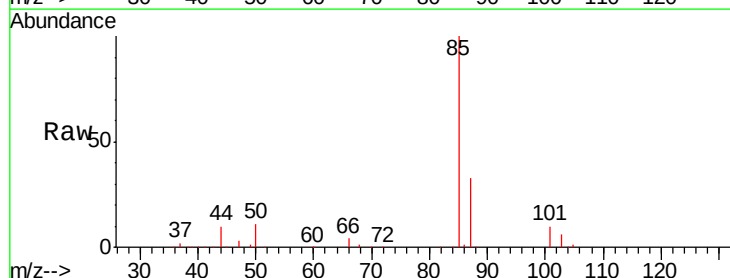
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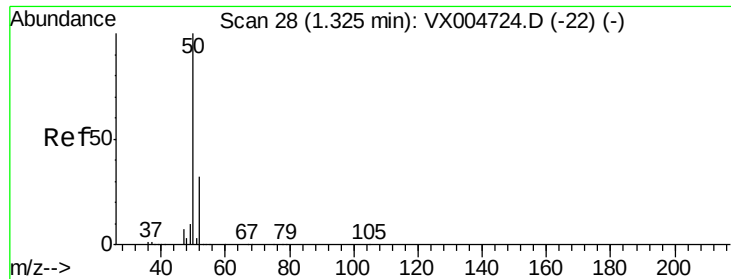
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#2
Dichlorodifluoromethane
Concen: 21.39 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.1	15.7	47.1





#3

Chloromethane

Concen: 19.94 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS04

Tgt Ion: 50 Resp: 58980

Ion Ratio Lower Upper

50 100

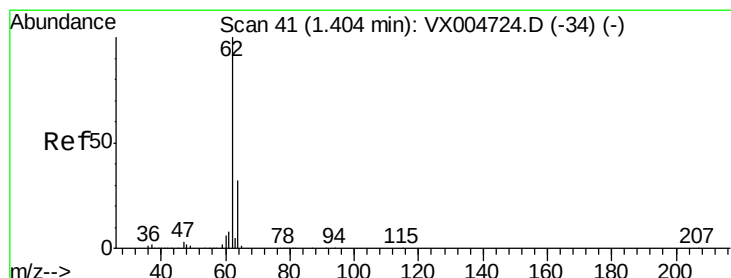
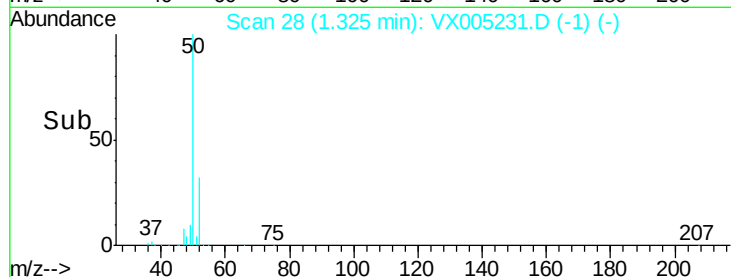
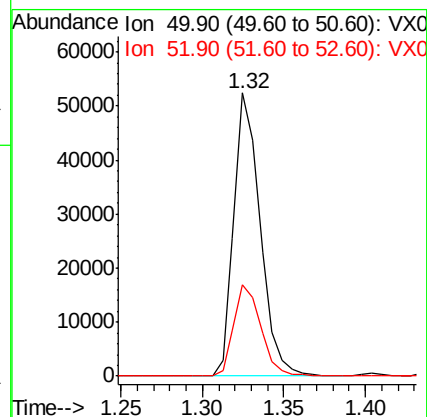
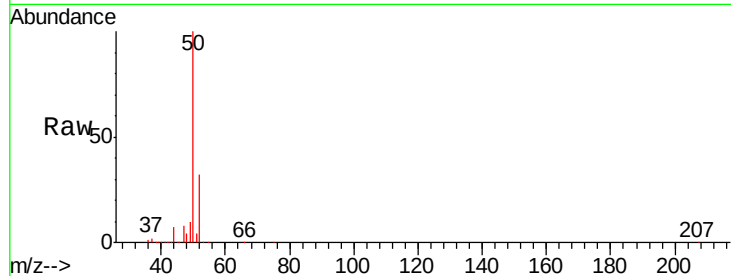
52 32.2 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.94 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005231.D

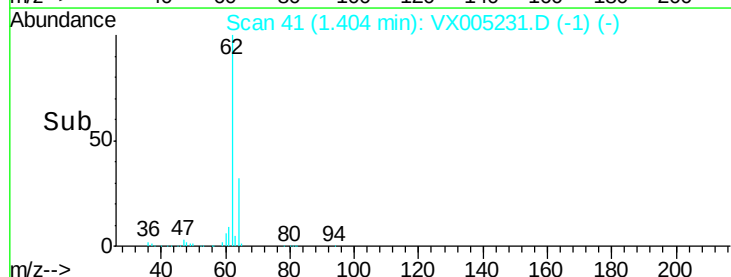
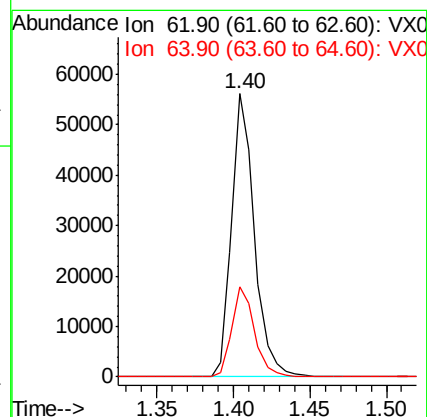
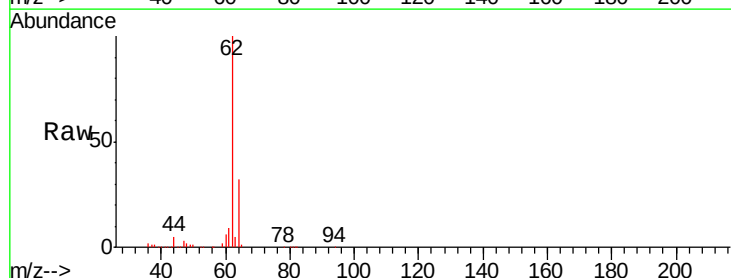
Acq: 11 Oct 2018 04:04

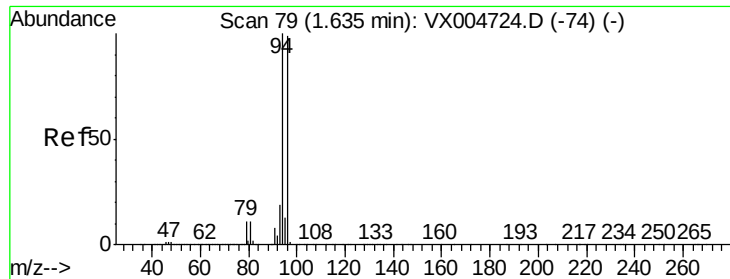
Tgt Ion: 62 Resp: 58075

Ion Ratio Lower Upper

62 100

64 31.8 25.5 38.3





#5

Bromomethane

Concen: 21.06 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS04

Tgt Ion: 94 Resp: 34648

Ion Ratio Lower Upper

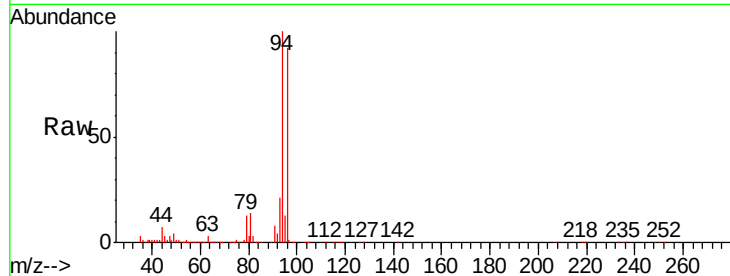
94 100

96 92.2 79.5 119.3

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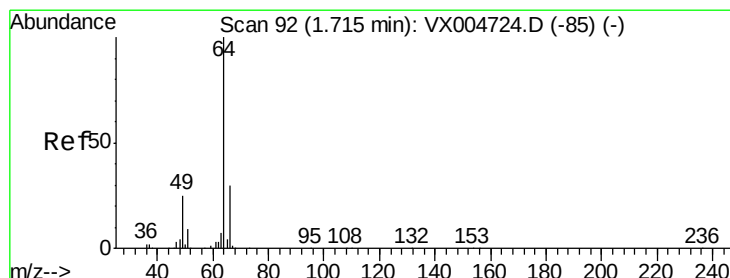
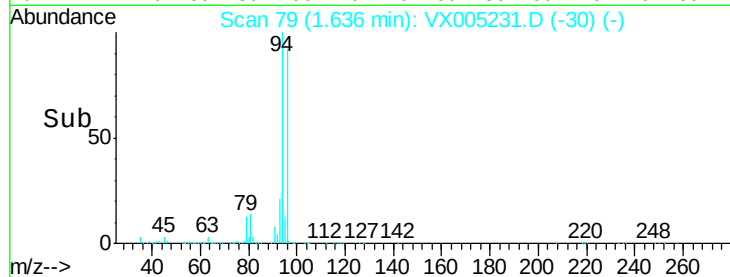
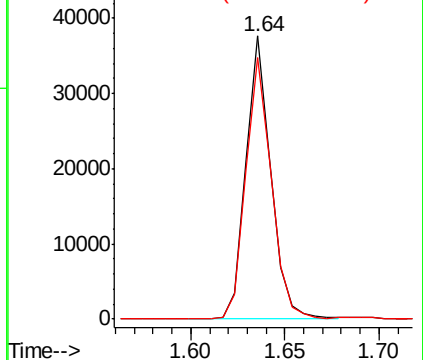
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.76 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX005231.D

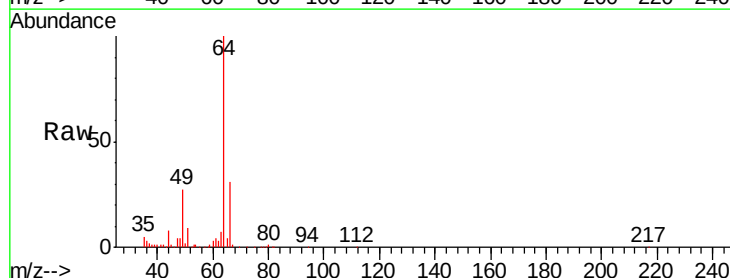
Acq: 11 Oct 2018 04:04

Tgt Ion: 64 Resp: 33439

Ion Ratio Lower Upper

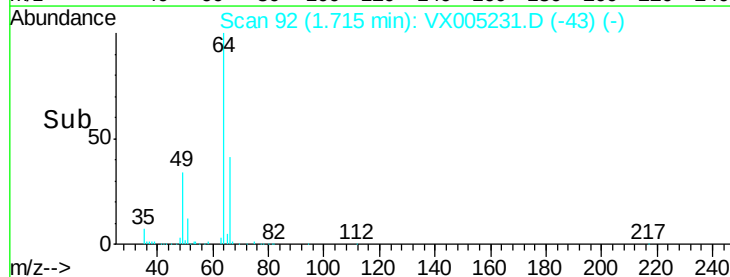
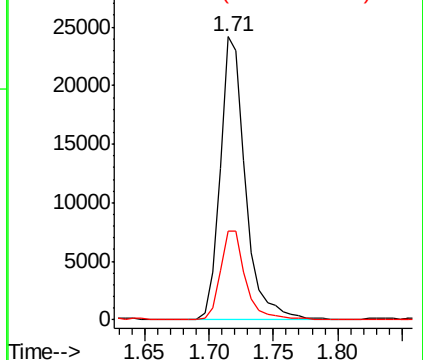
64 100

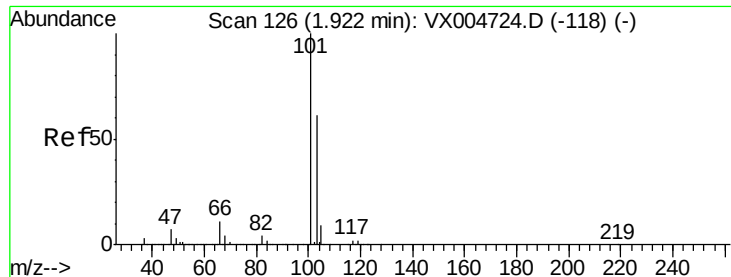
66 31.3 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

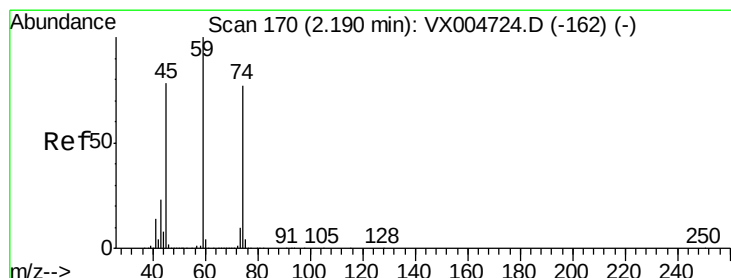
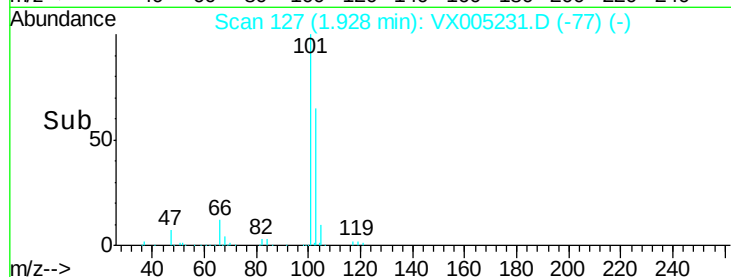
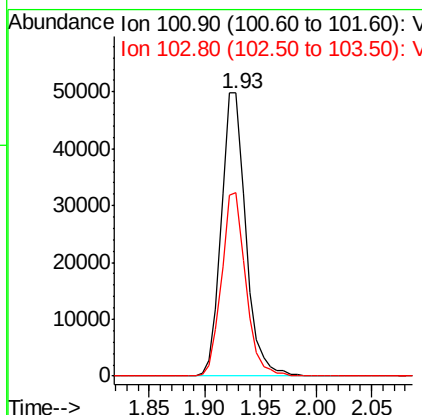
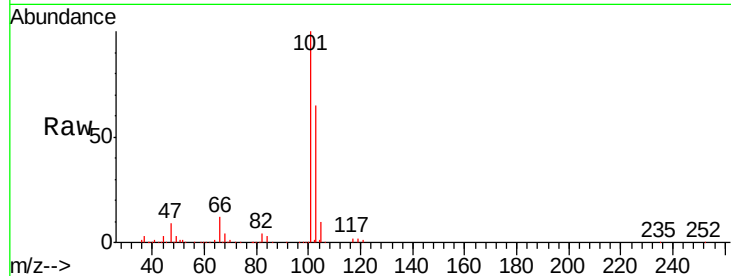
Trichlorofluoromethane
 Concen: 22.15 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005231.D
 Acq: 11 Oct 2018 04:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS04

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.7	48.4	72.6

Manual Integrations
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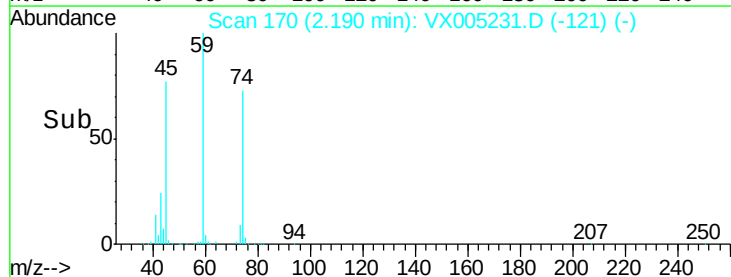
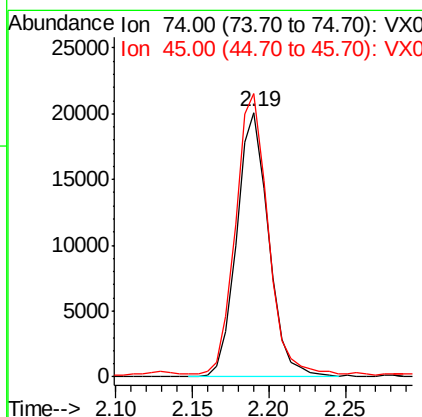
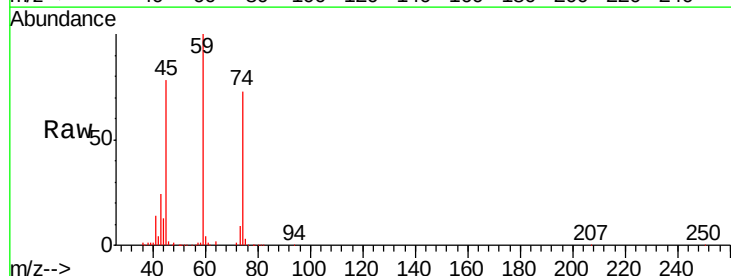
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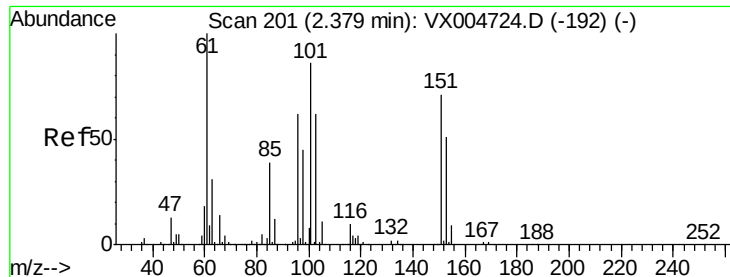


#8

Diethyl Ether
 Concen: 19.50 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX005231.D
 Acq: 11 Oct 2018 04:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.2	52.5	157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.90 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

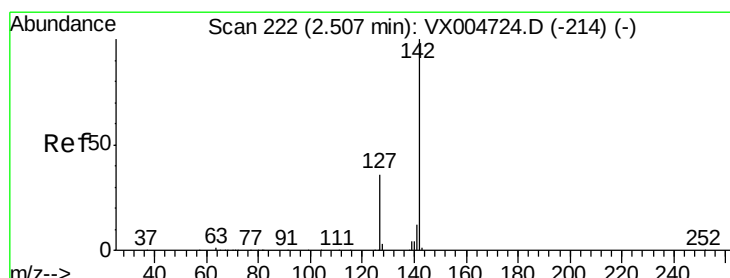
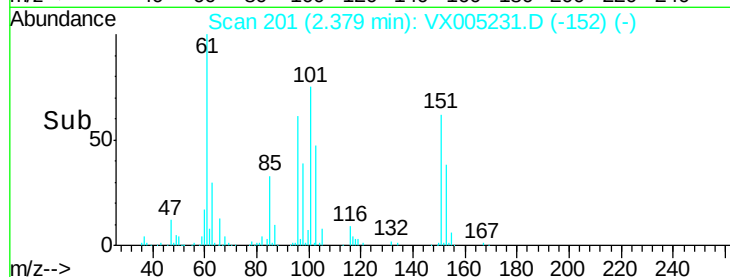
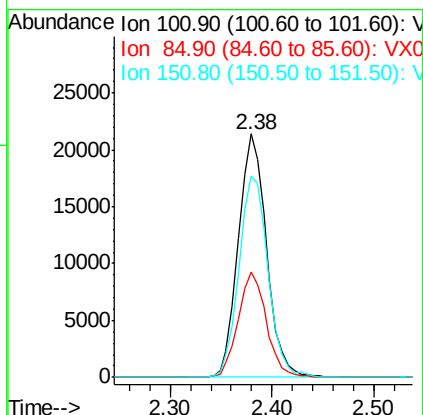
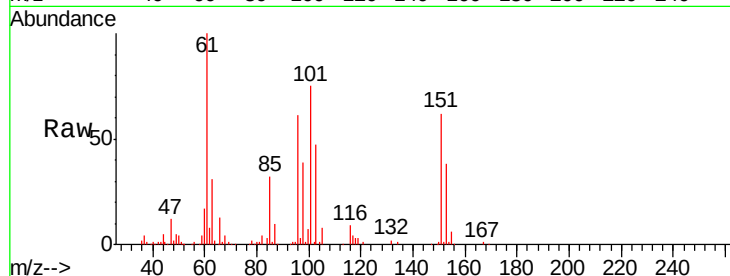
ClientSampleId :

VX1010WBS04

Tgt Ion:	101	Resp:	40884
Ion Ratio	Lower	Upper	
101	100		
85	43.3	35.9	53.9
151	85.4	66.6	100.0

Manual Integrations
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10/12/2018 11:45:02 AM



#10

Methyl Iodide

Concen: 15.83 ug/l

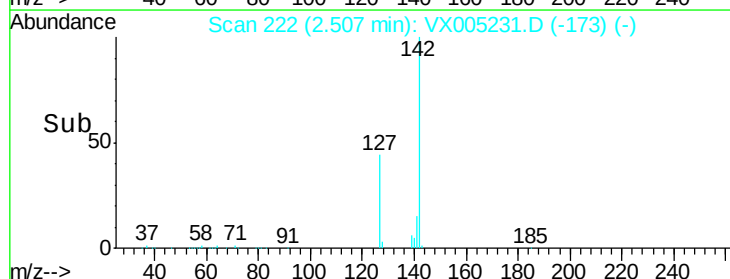
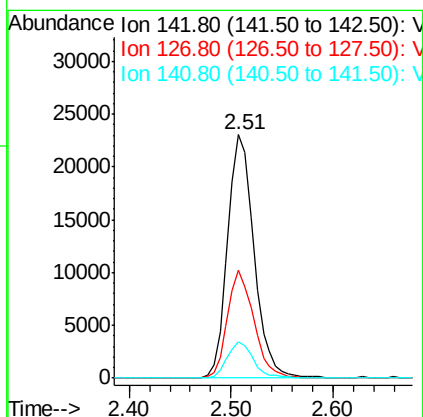
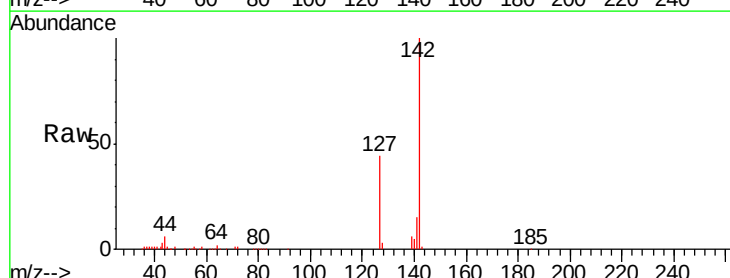
RT: 2.51 min Scan# 222

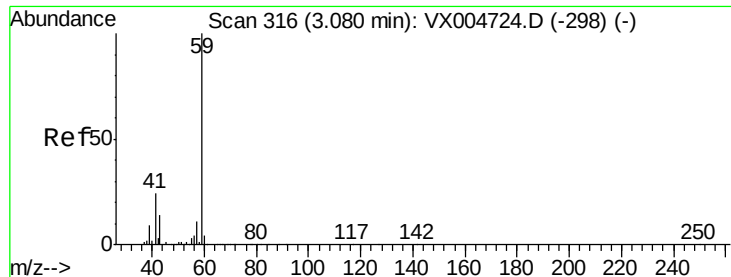
Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Tgt Ion:	142	Resp:	41444
Ion Ratio	Lower	Upper	
142	100		
127	44.1	30.1	45.1
141	14.6	10.1	15.1





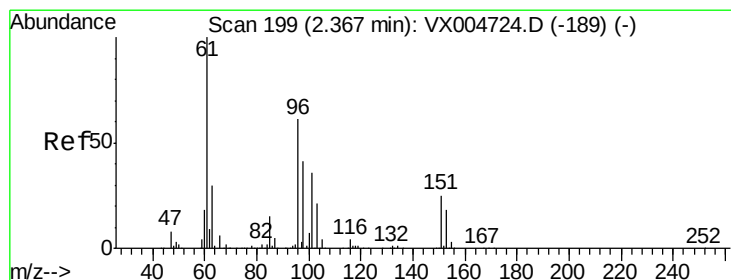
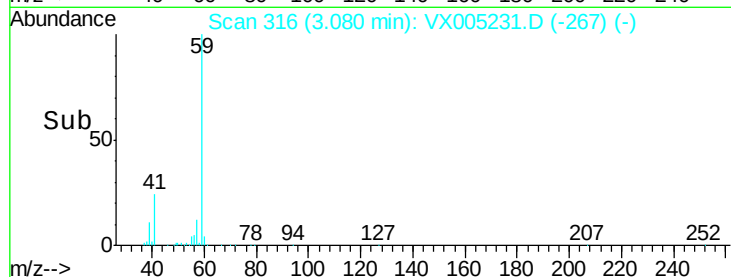
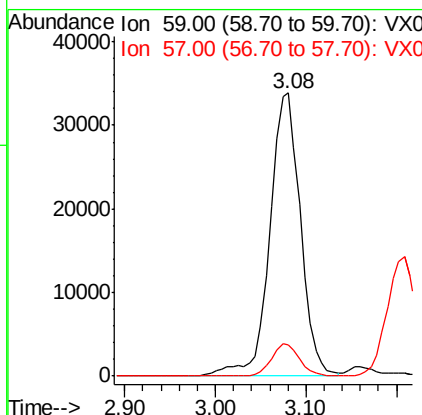
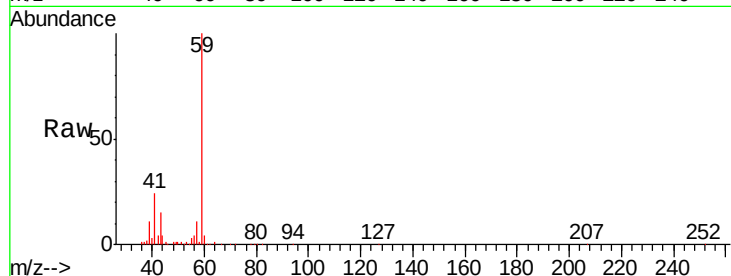
#11
Tert butyl alcohol
Concen: 111.08 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS04

Tgt Ion: 59 Resp: 79327
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8

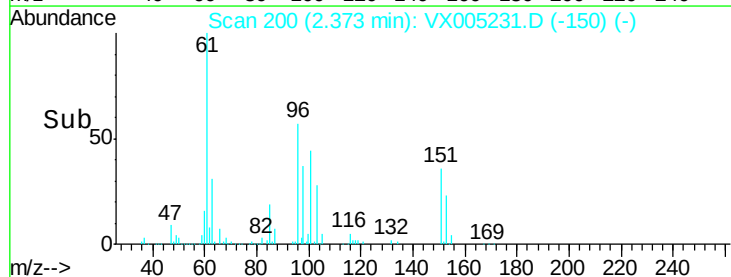
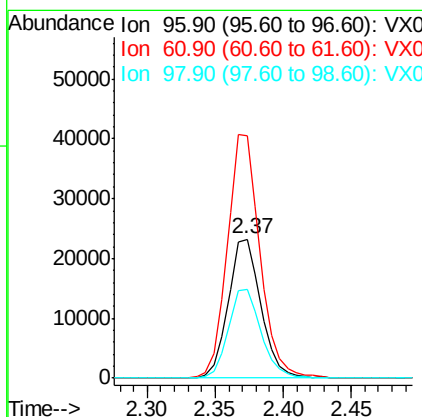
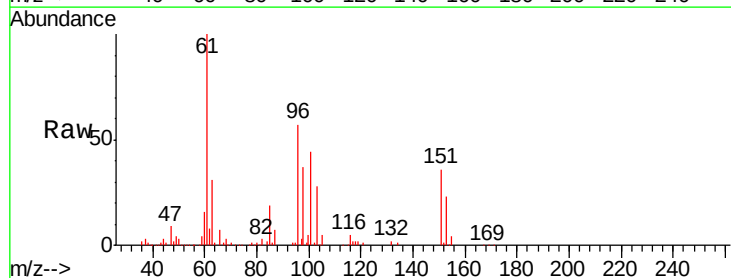
Manual Integrations
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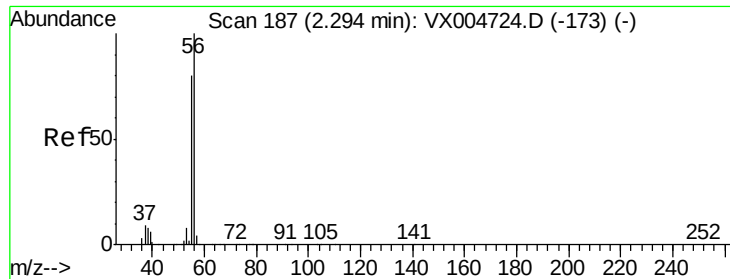
MMDadoda
10/12/2018 11:45:02 AM



#12
1,1-Dichloroethene
Concen: 20.13 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Tgt Ion: 96 Resp: 38993
Ion Ratio Lower Upper
96 100
61 174.5 130.2 195.4
98 63.9 53.4 80.0





#13

Acrolein

Concen: 80.76 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS04

Tgt Ion: 56 Resp: 41032

Ion Ratio Lower Upper

56 100

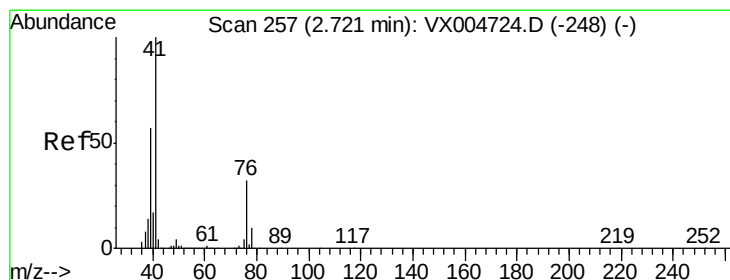
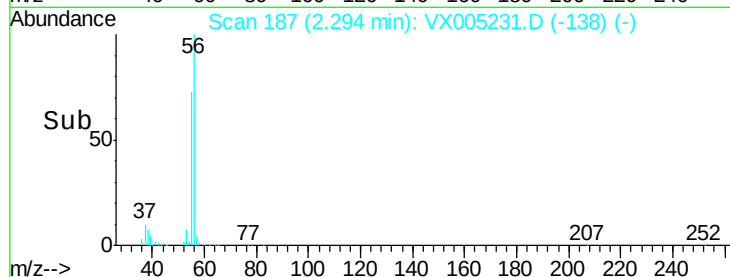
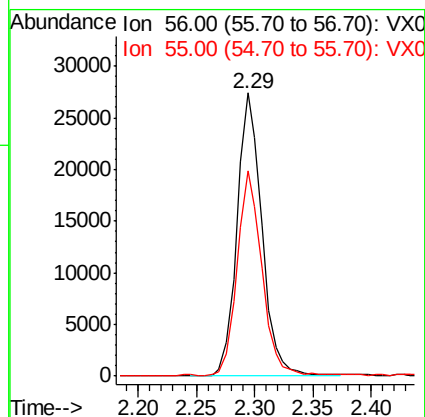
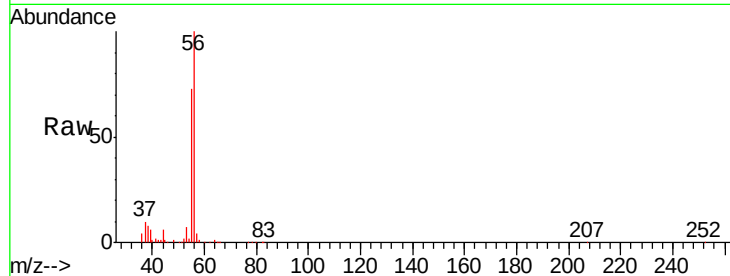
55 72.8 63.4 95.2

Manual Integrations

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MMDadoda

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#14

Allyl chloride

Concen: 19.92 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

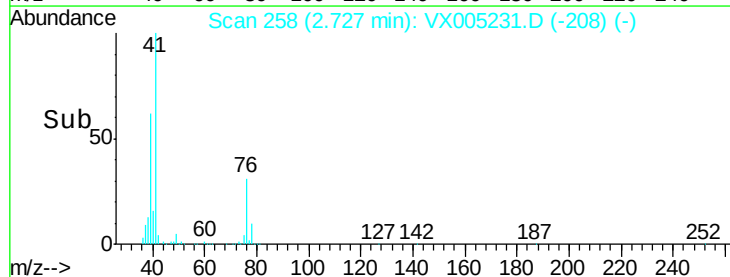
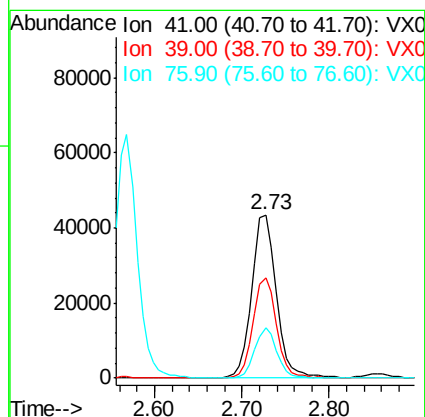
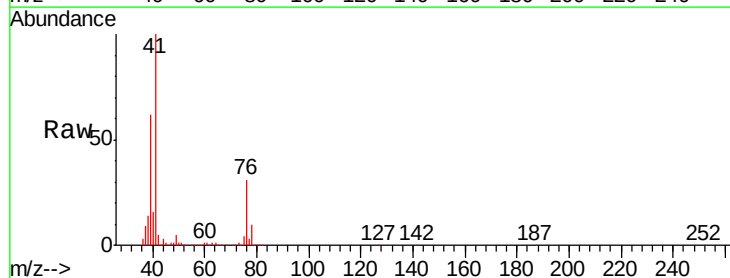
Tgt Ion: 41 Resp: 84220

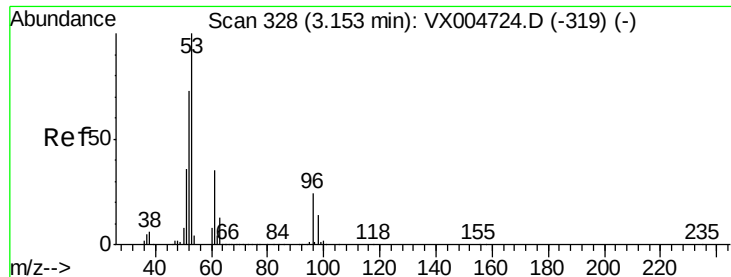
Ion Ratio Lower Upper

41 100

39 58.5 44.1 66.1

76 28.1 25.0 37.4





#15

Acrylonitrile

Concen: 104.98 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

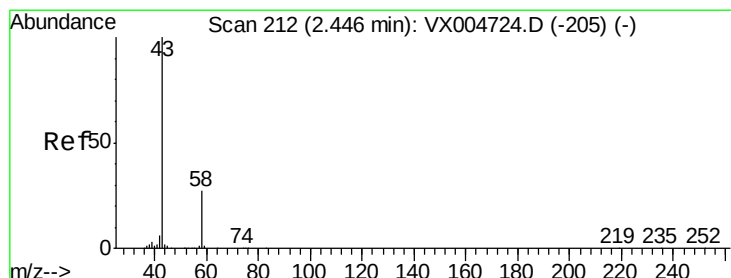
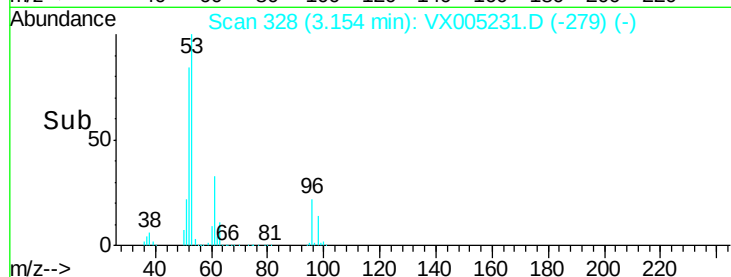
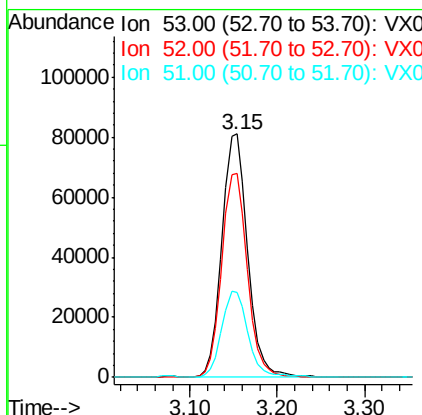
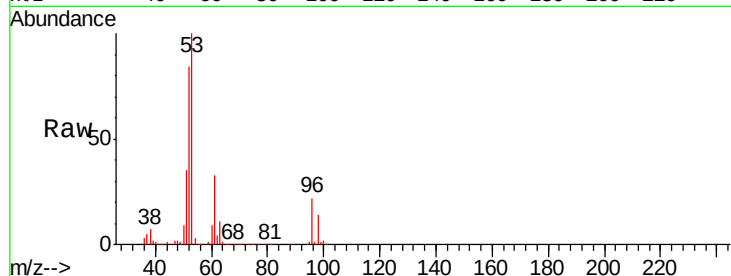
ClientSampleId :

VX1010WBS04

Tgt Ion:	53	Resp:	165030
Ion	Ratio	Lower	Upper
53	100		
52	83.7	63.0	94.4
51	36.3	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 101.72 ug/l

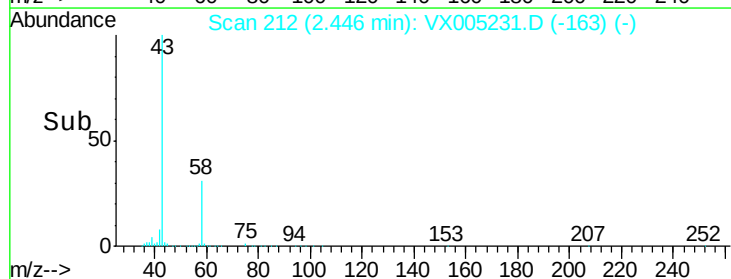
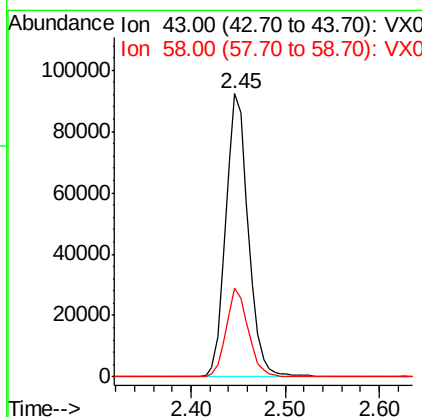
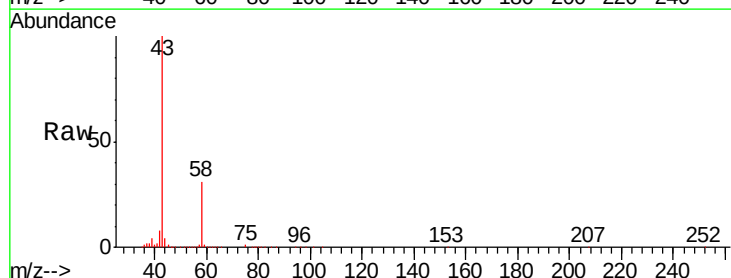
RT: 2.45 min Scan# 212

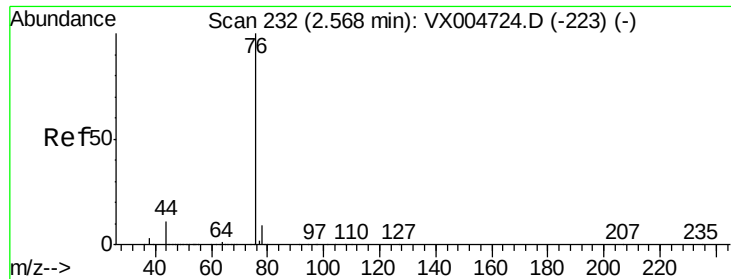
Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Tgt Ion:	43	Resp:	151668
Ion	Ratio	Lower	Upper
43	100		
58	31.2	21.8	32.6





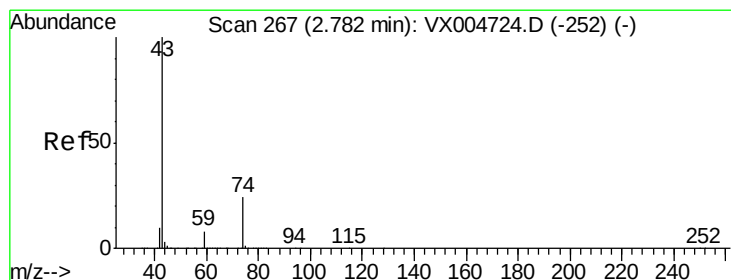
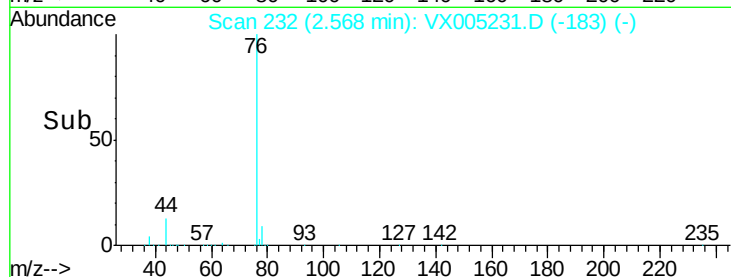
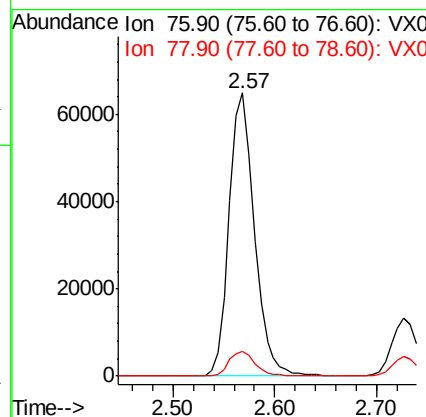
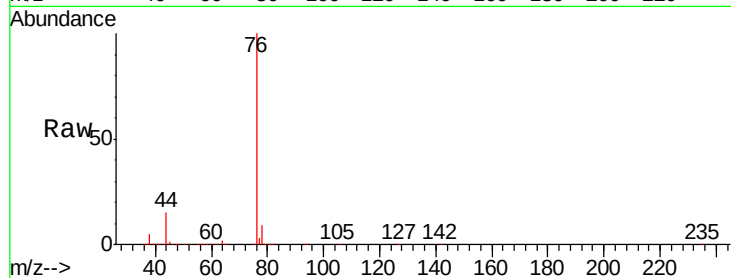
#17
Carbon Disulfide
Concen: 19.27 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS04

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.6

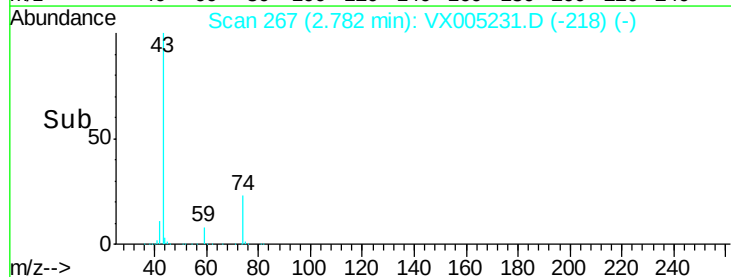
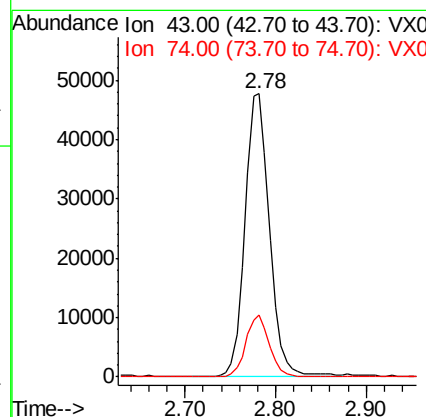
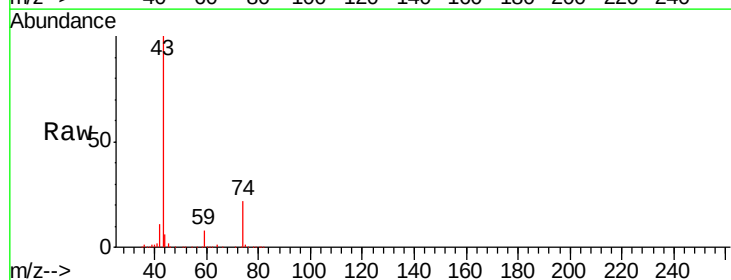
Manual Integrations
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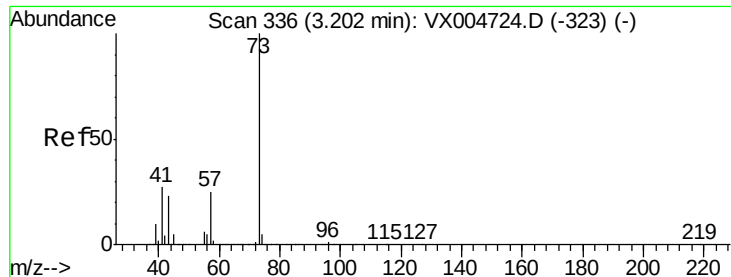
MMDadoda
10/12/2018 11:45:02 AM



#18
Methyl Acetate
Concen: 23.33 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.2	17.8	26.8





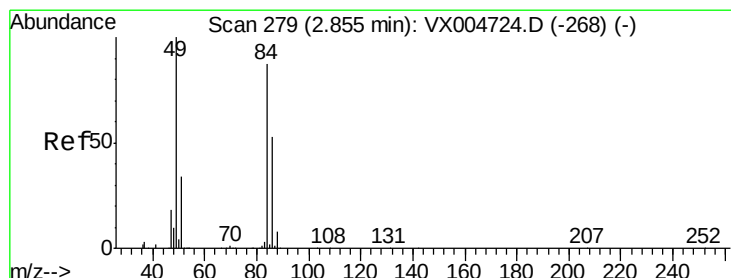
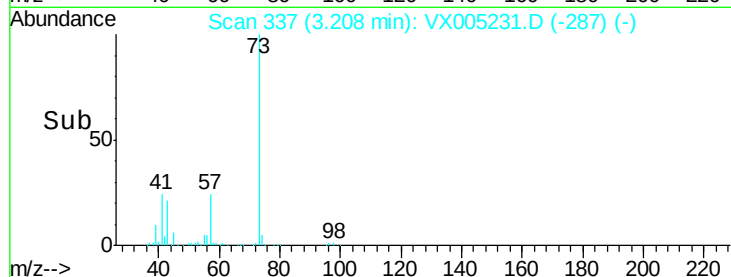
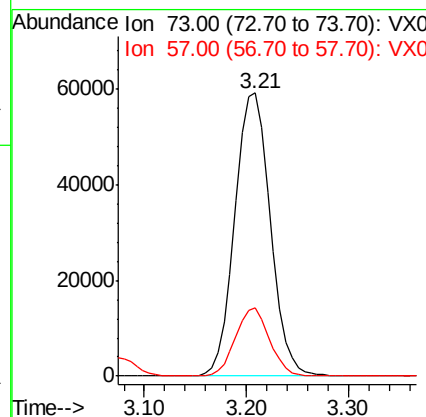
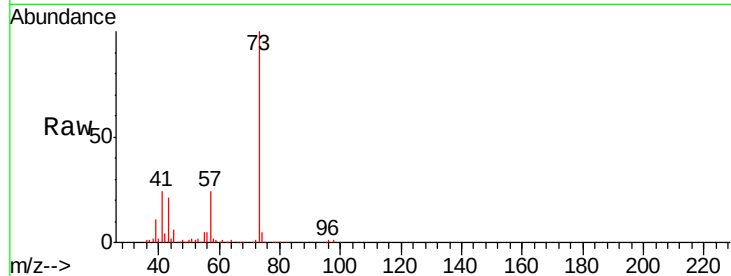
#19
Methyl tert-butyl Ether
Concen: 21.42 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS04

Tgt Ion	Ratio	Lower	Upper
73	100		
57	24.1	19.9	29.9

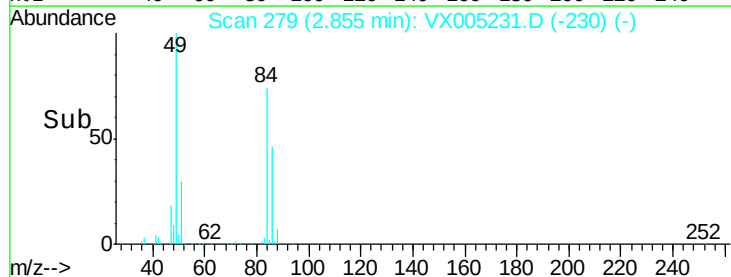
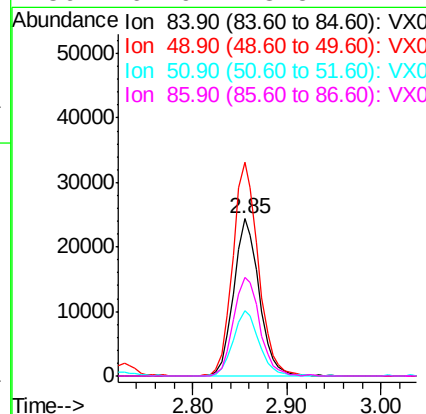
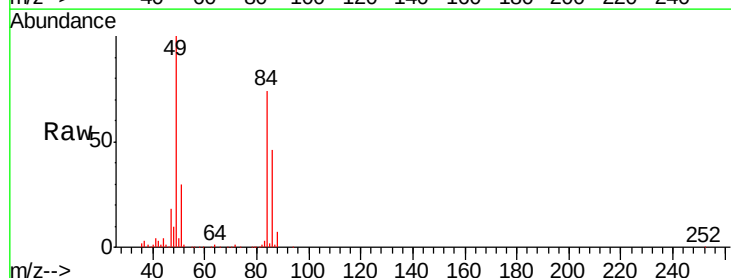
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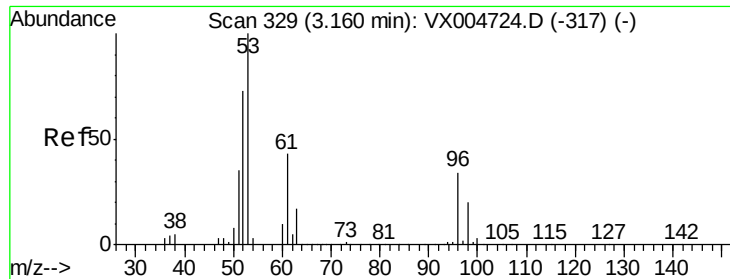
MMDadoda
10/12/2018 11:45:02 AM



#20
Methylene Chloride
Concen: 20.64 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Tgt Ion	Ratio	Lower	Upper
84	100		
49	136.0	92.3	138.5
51	41.4	31.8	47.6
86	62.9	48.5	72.7





#21

trans-1,2-Dichloroethene

Concen: 19.96 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

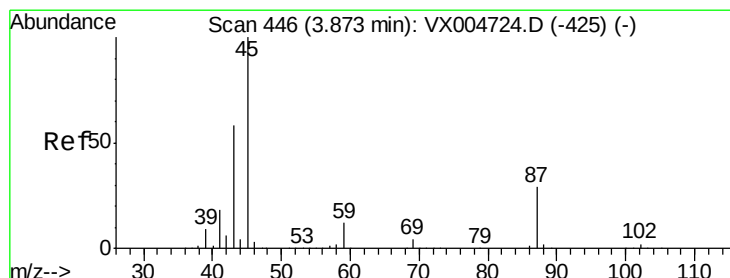
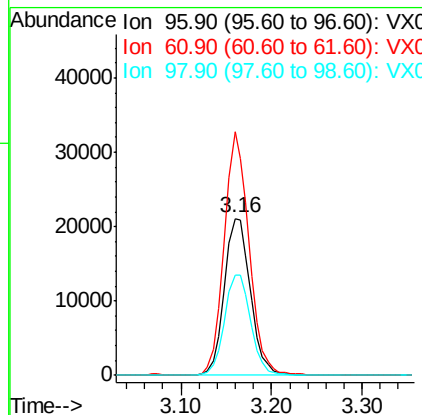
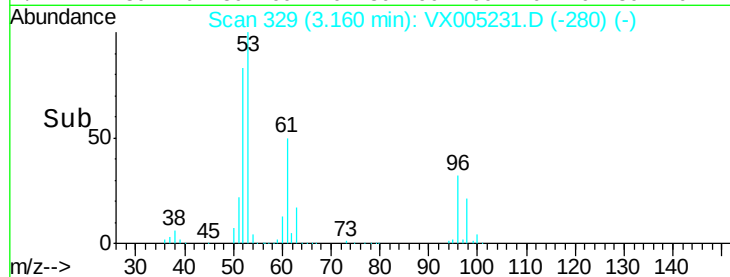
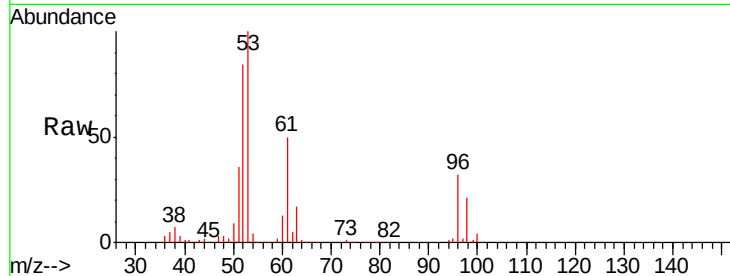
ClientSampleId :

VX1010WBS04

Tgt Ion:	96	Resp:	42329
Ion	Ratio	Lower	Upper
96	100		
61	155.2	101.0	151.6#
98	64.3	47.2	70.8

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#22

Diisopropyl ether

Concen: 19.45 ug/l

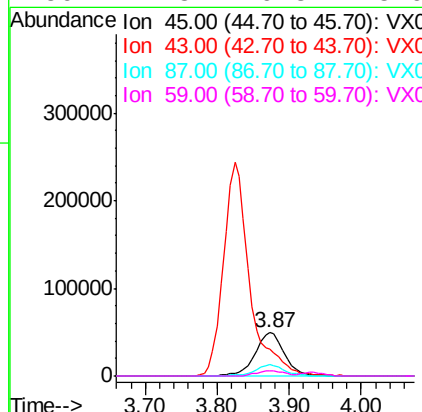
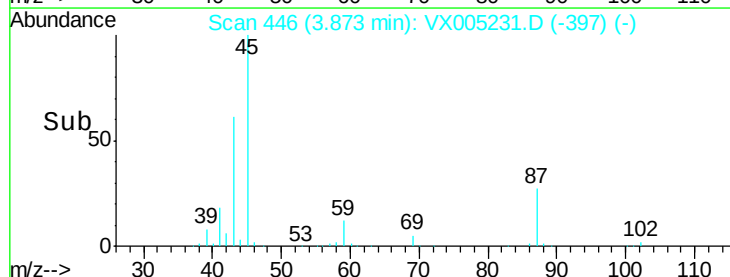
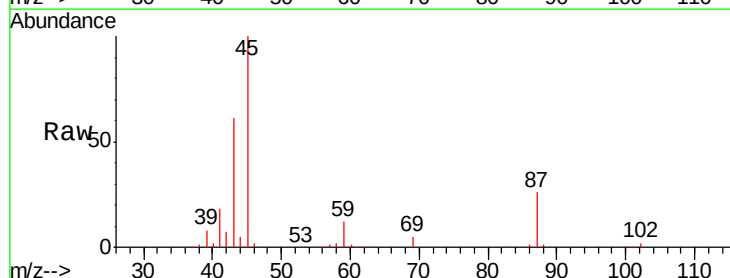
RT: 3.87 min Scan# 446

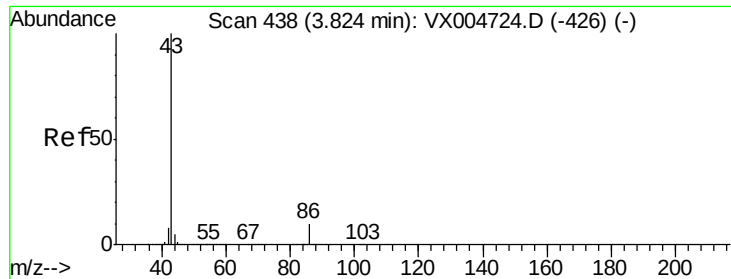
Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Tgt Ion:	45	Resp:	138460
Ion	Ratio	Lower	Upper
45	100		
43	61.2	46.7	70.1
87	26.5	22.9	34.3
59	11.8	9.3	13.9





#23

Vinyl Acetate

Concen: 95.51 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS04

Tgt Ion: 43 Resp: 622297

Ion Ratio Lower Upper

43 100

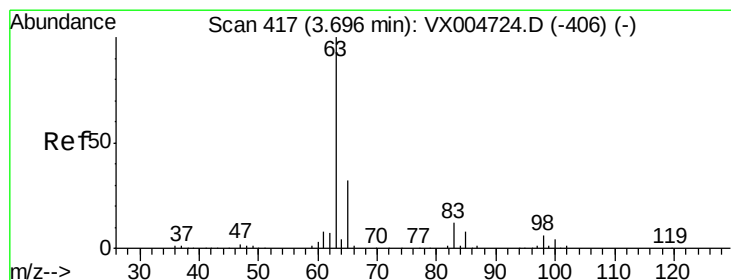
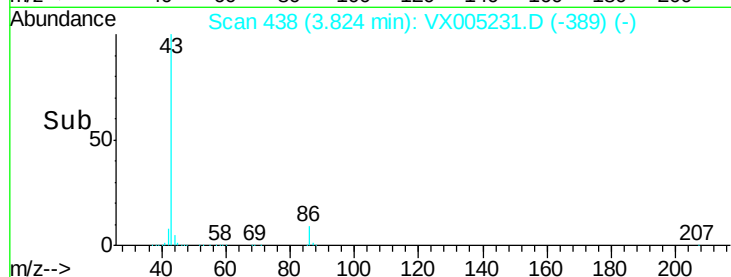
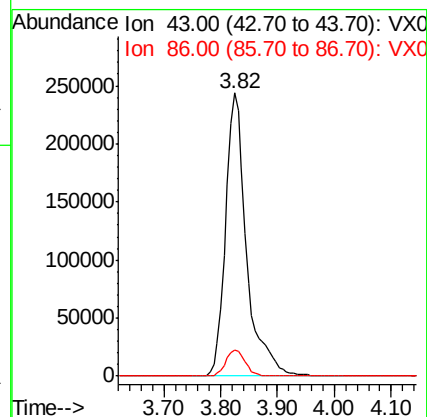
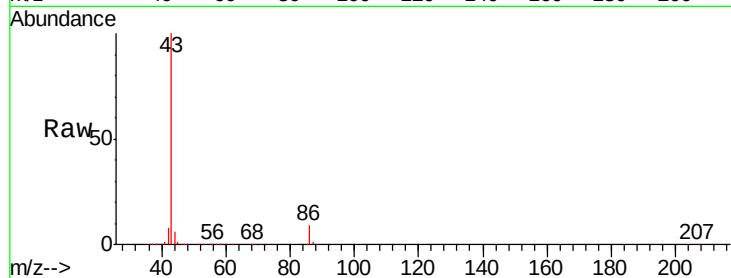
86 9.1 8.1 12.1

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#24

1,1-Dichloroethane

Concen: 20.16 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

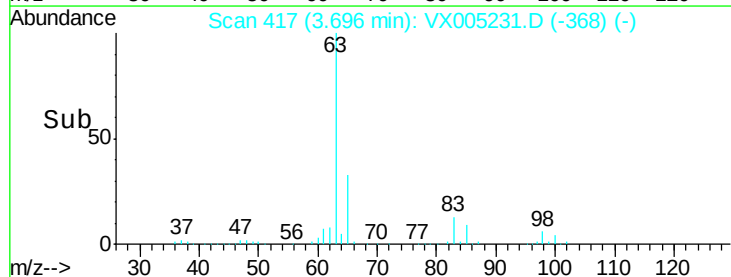
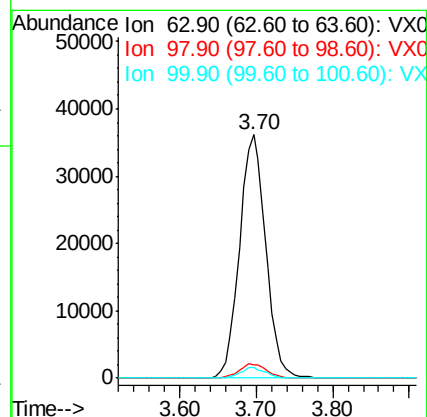
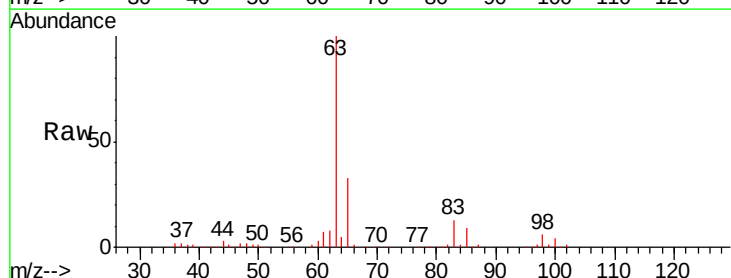
Tgt Ion: 63 Resp: 85594

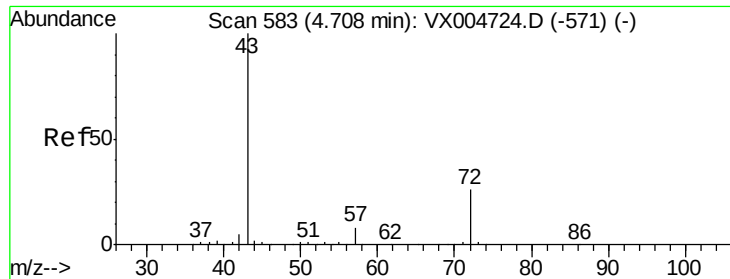
Ion Ratio Lower Upper

63 100

98 5.7 3.0 9.2

100 4.2 2.0 5.8





#25

2-Butanone

Concen: 97.27 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS04

Tgt Ion: 43 Resp: 213800

Ion Ratio Lower Upper

43 100

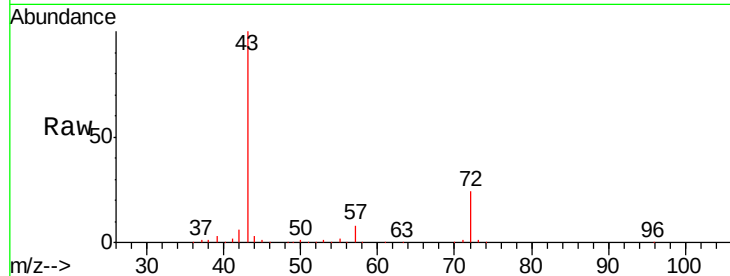
72 24.4 20.8 31.2

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

80000

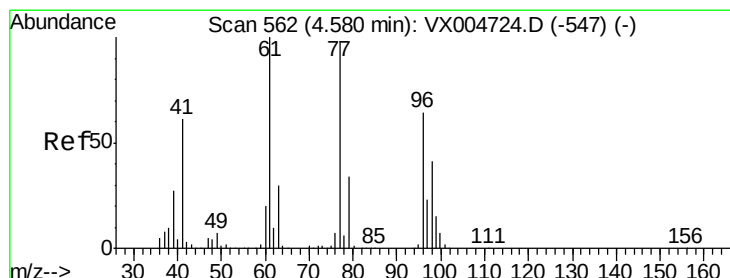
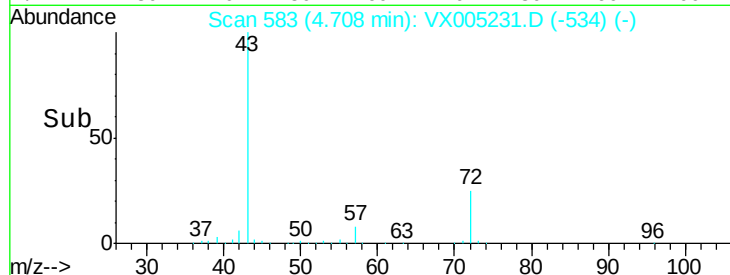
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 12.52 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX005231.D

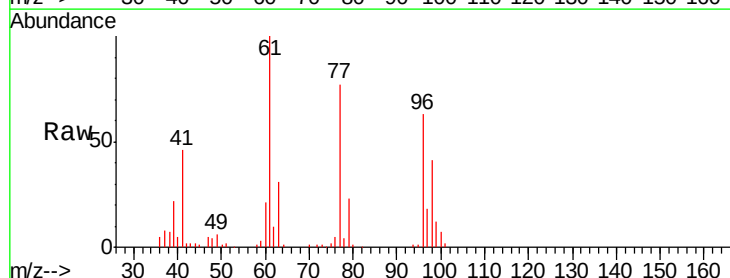
Acq: 11 Oct 2018 04:04

Tgt Ion: 77 Resp: 37026

Ion Ratio Lower Upper

77 100

97 25.6 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

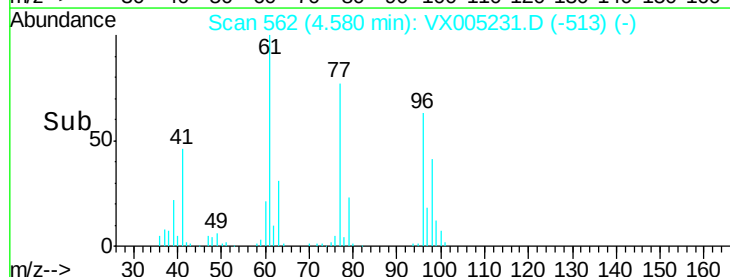
Ion 96.90 (96.60 to 97.60): VX0

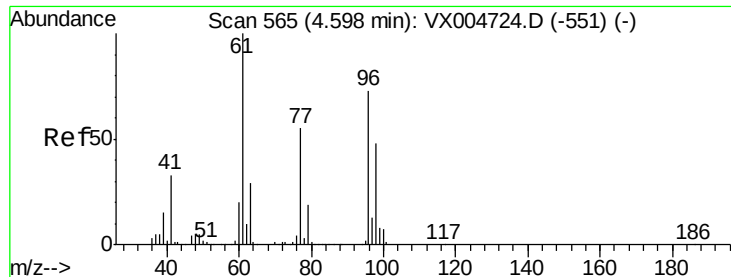
10000

5000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 18.03 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

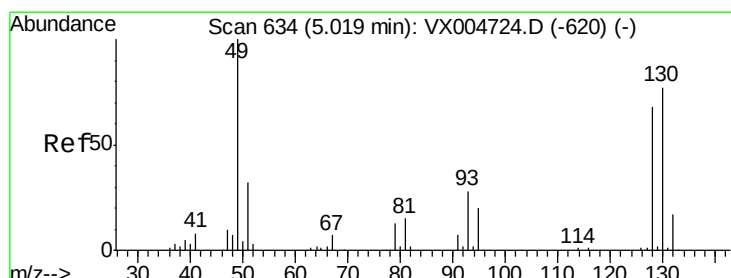
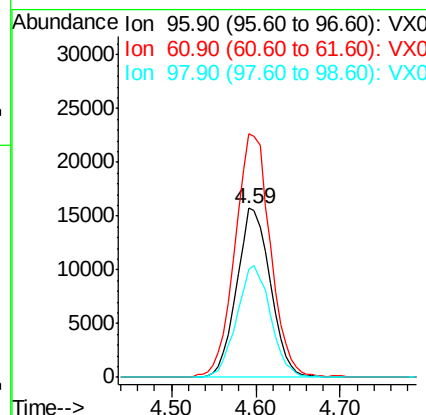
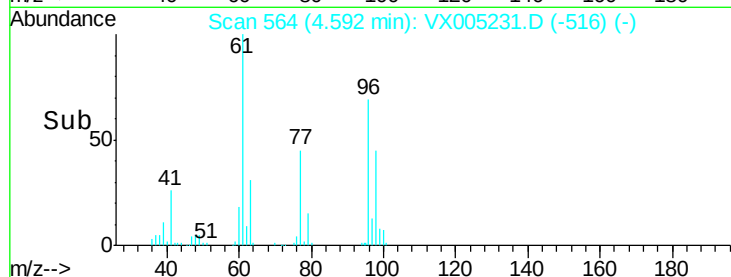
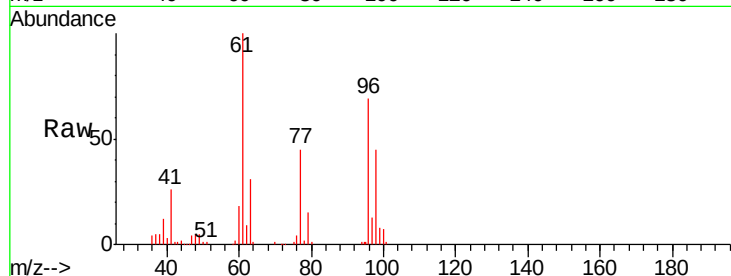
ClientSampleId :

VX1010WBS04

Tgt Ion:	96	Resp:	42707
Ion	Ratio	Lower	Upper
96	100		
61	151.2	0.0	285.8
98	66.2	0.0	136.2

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#28

Bromochloromethane

Concen: 18.68 ug/l

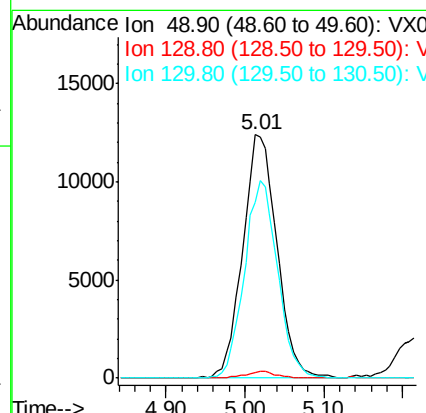
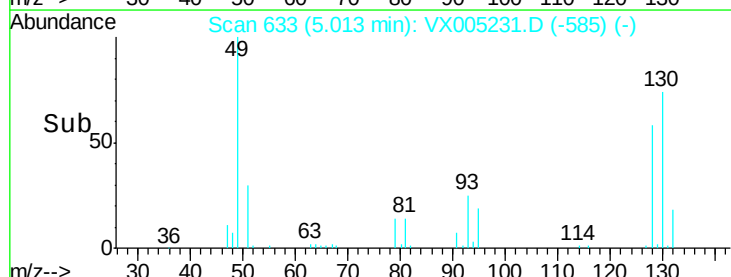
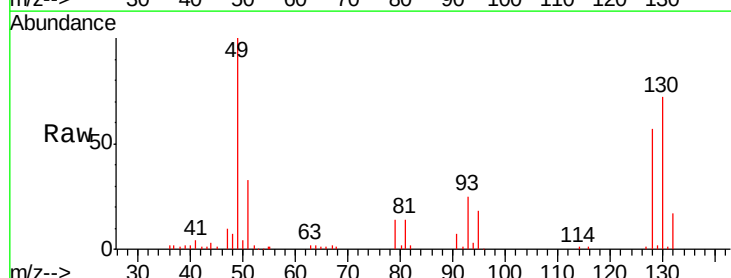
RT: 5.01 min Scan# 633

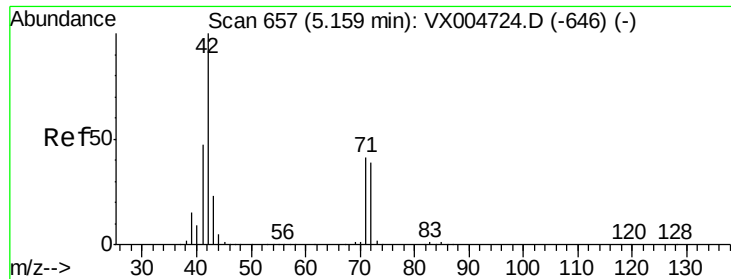
Delta R.T. -0.01 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Tgt Ion:	49	Resp:	37351
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	78.7	62.0	93.0





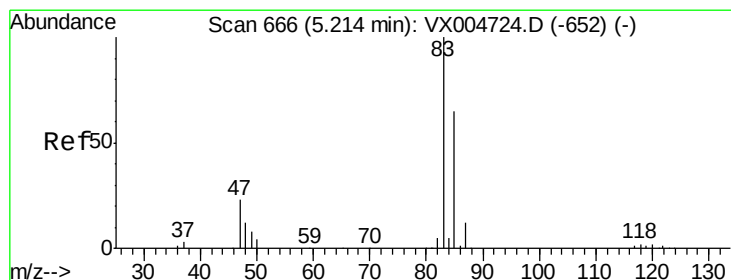
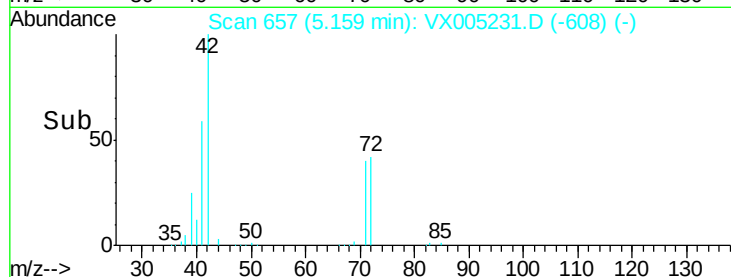
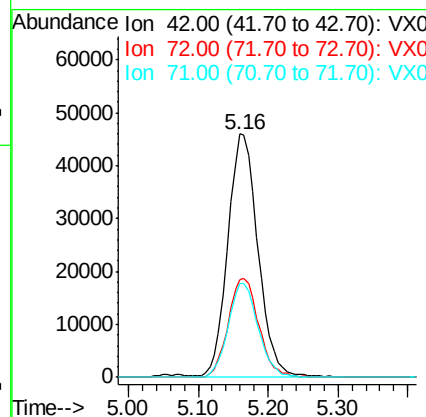
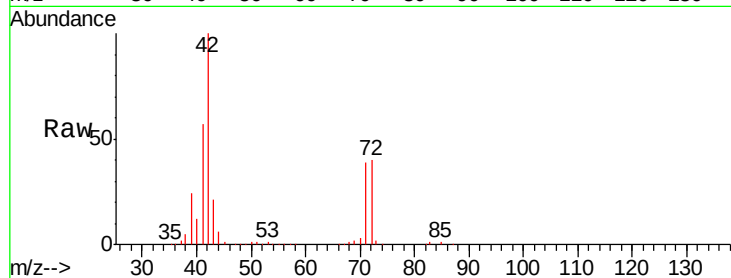
#29
Tetrahydrofuran
Concen: 100.05 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS04

Tgt Ion: 42 Resp: 136670
Ion Ratio Lower Upper
42 100
72 41.7 33.7 50.5
71 38.8 32.2 48.4

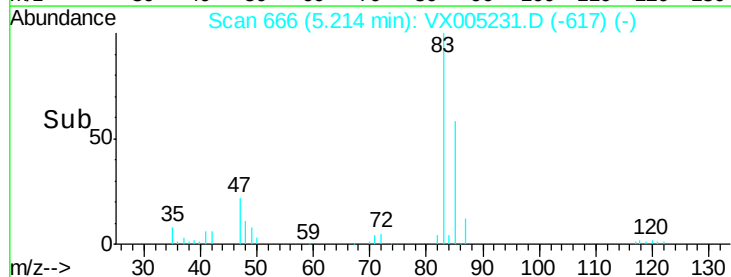
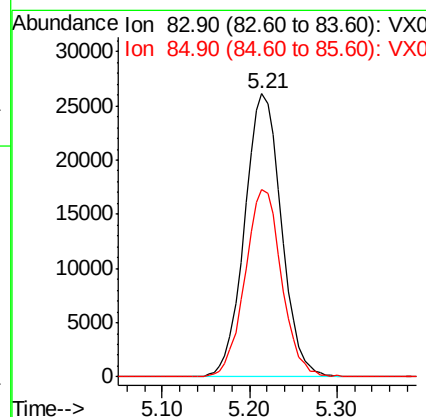
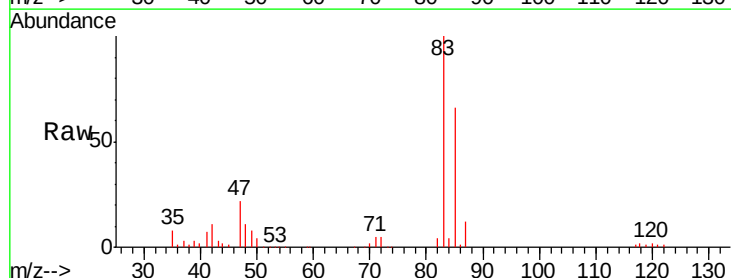
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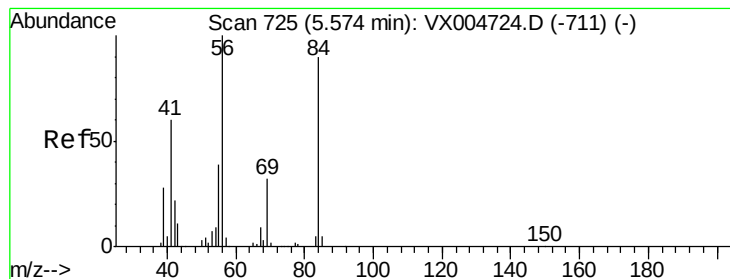
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#30
Chloroform
Concen: 19.07 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Tgt Ion: 83 Resp: 76532
Ion Ratio Lower Upper
83 100
85 66.1 52.4 78.6





#31

Cyclohexane

Concen: 19.76 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

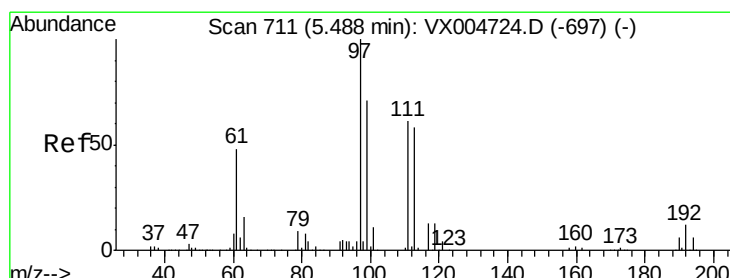
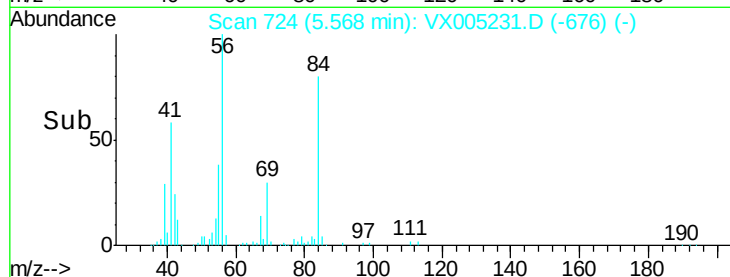
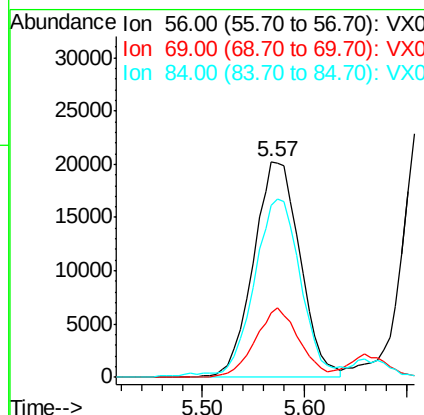
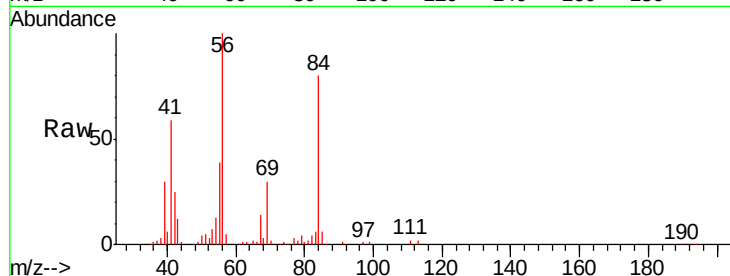
ClientSampleId :

VX1010WBS04

Tgt Ion:	56	Resp:	64203
Ion	Ratio	Lower	Upper
56	100		
69	29.9	25.9	38.9
84	78.1	71.9	107.9

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#32

1,1,1-Trichloroethane

Concen: 19.86 ug/l

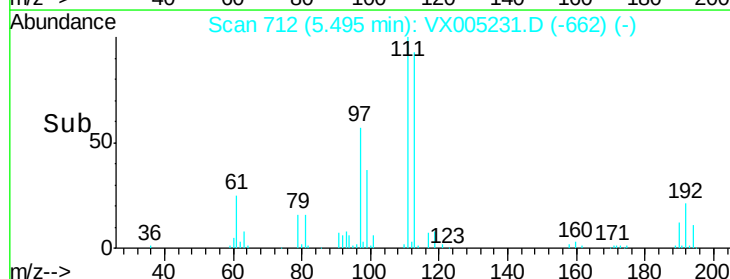
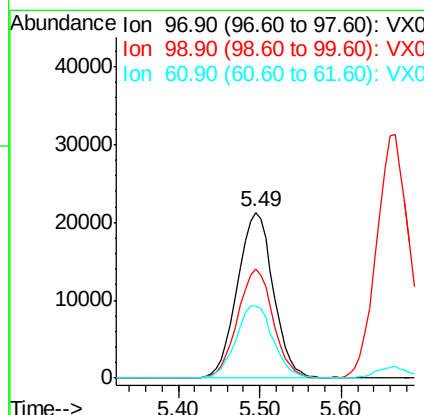
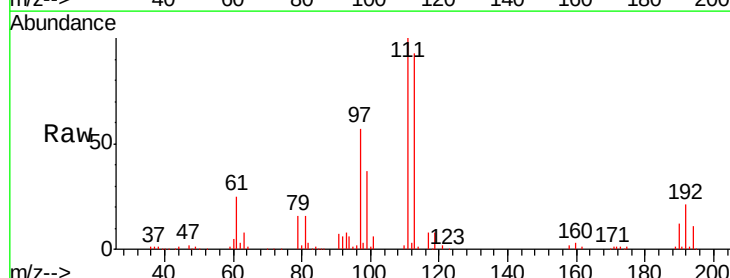
RT: 5.49 min Scan# 712

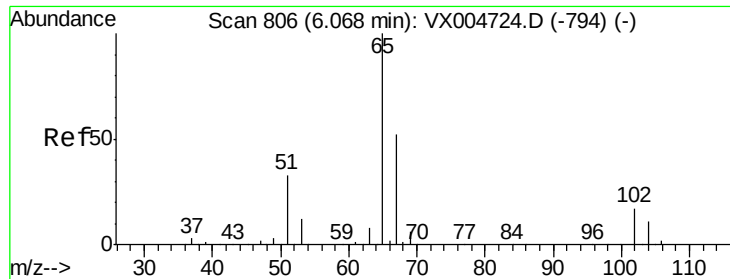
Delta R.T. 0.01 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Tgt Ion:	97	Resp:	65079
Ion	Ratio	Lower	Upper
97	100		
99	65.3	54.6	82.0
61	45.3	37.5	56.3





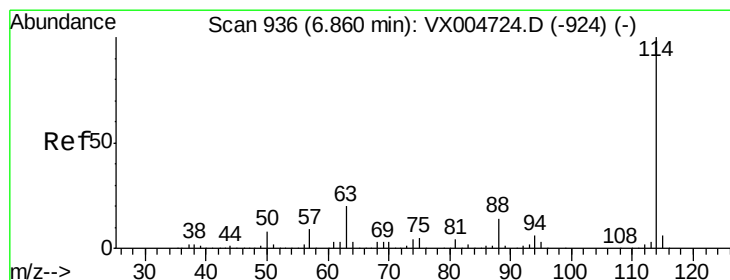
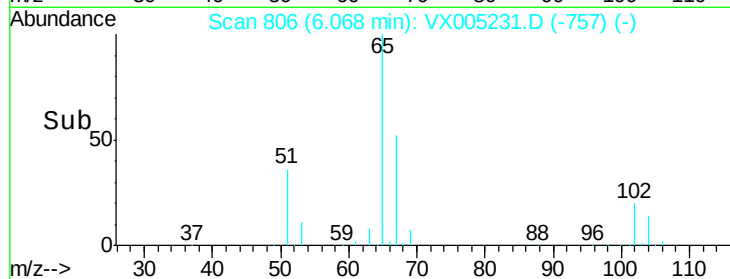
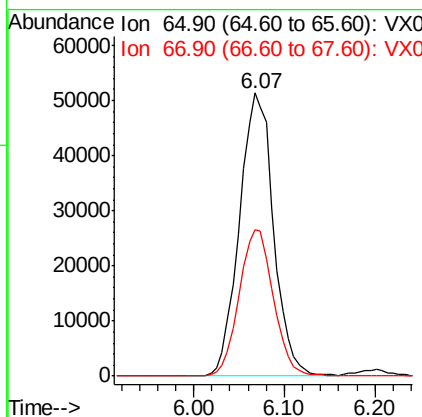
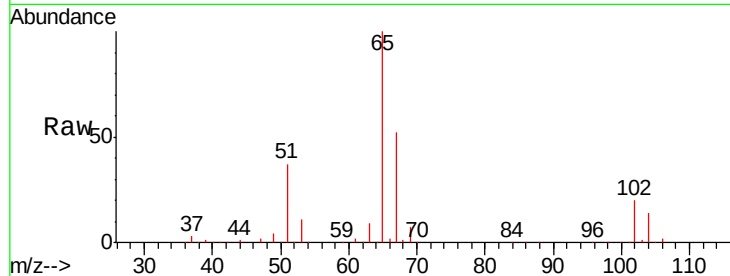
#33
 1,2-Dichloroethane-d4
 Concen: 52.39 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX005231.D
 Acq: 11 Oct 2018 04:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS04

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	133803		
67	52.1	0.0	107.4	

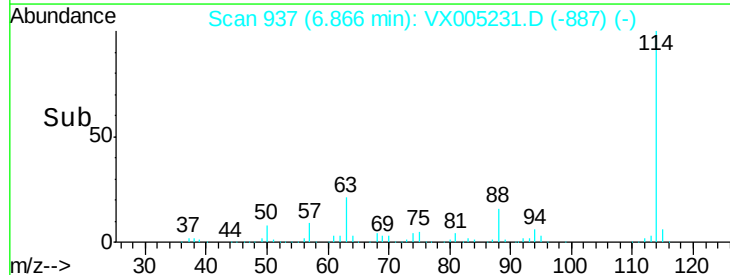
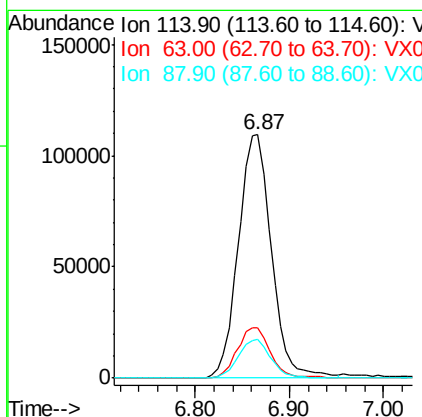
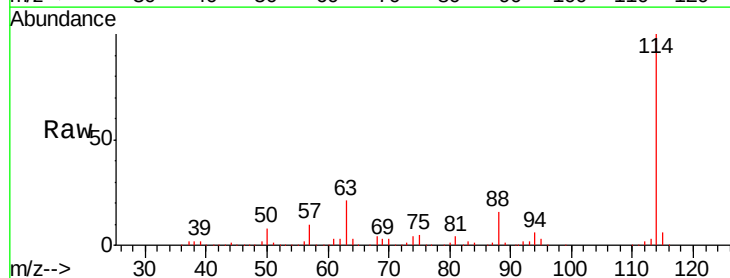
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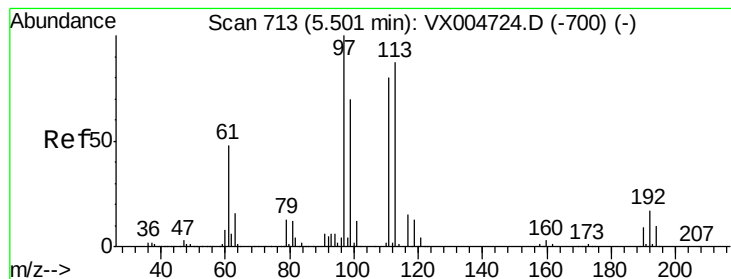
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX005231.D
 Acq: 11 Oct 2018 04:04

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	267745		
63	20.9	0.0	39.8	
88	16.0	0.0	27.0	





#35

Dibromofluoromethane

Concen: 49.80 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

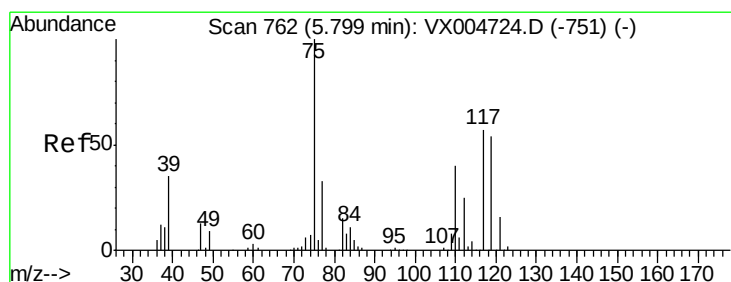
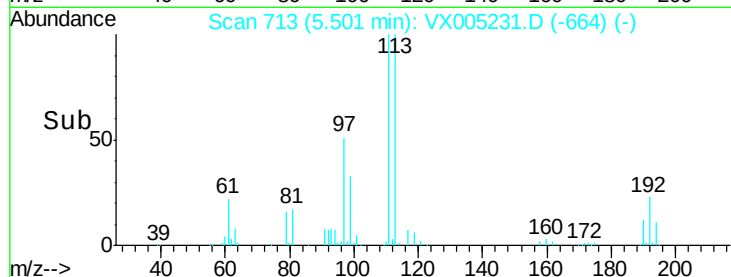
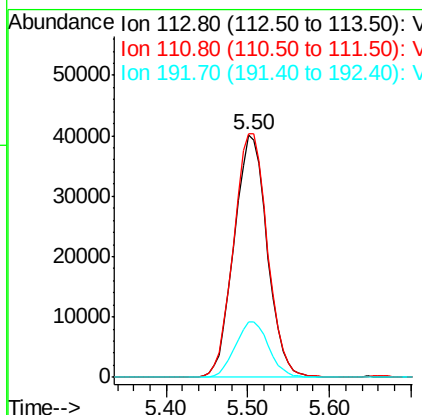
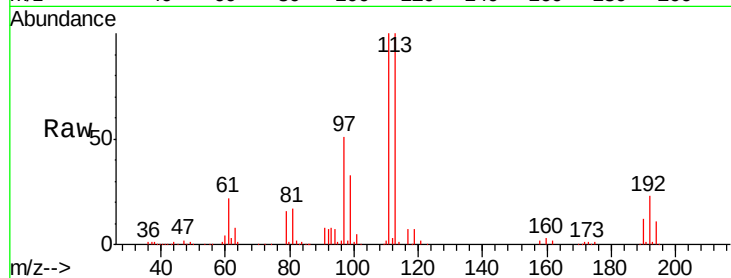
ClientSampleId :

VX1010WBS04

Tgt Ion:	113	Resp:	113001
Ion	Ratio	Lower	Upper
113	100		
111	102.6	77.0	115.4
192	23.3	17.0	25.6

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#36

1,1-Dichloropropene

Concen: 17.66 ug/l

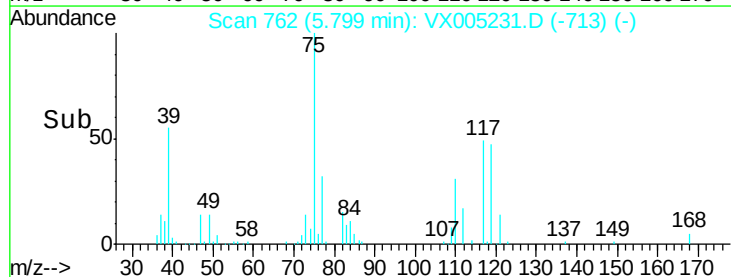
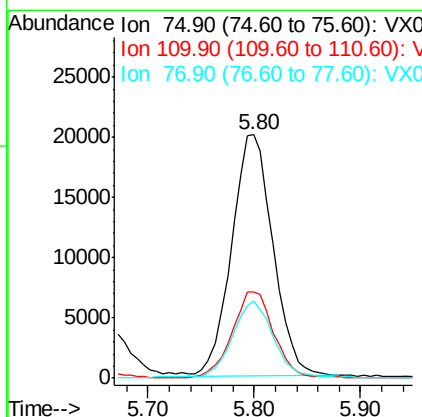
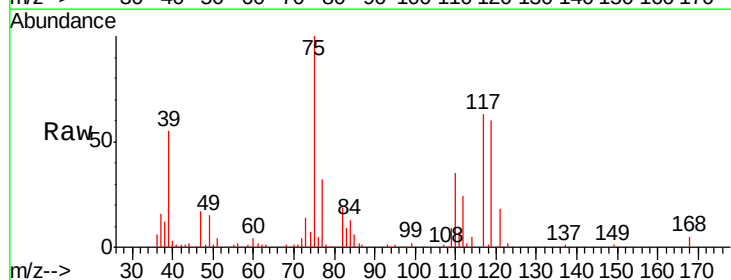
RT: 5.80 min Scan# 762

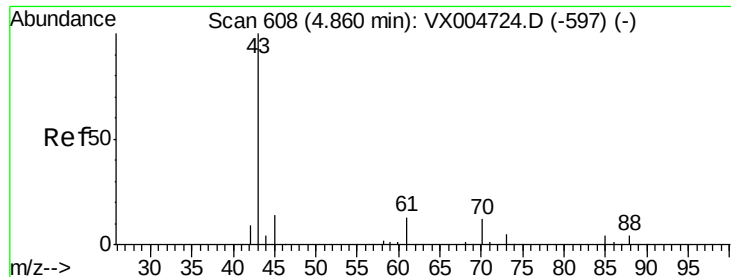
Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Tgt Ion:	75	Resp:	54680
Ion	Ratio	Lower	Upper
75	100		
110	36.3	20.0	59.9
77	31.0	27.1	40.7





#37

Ethyl Acetate

Concen: 18.31 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

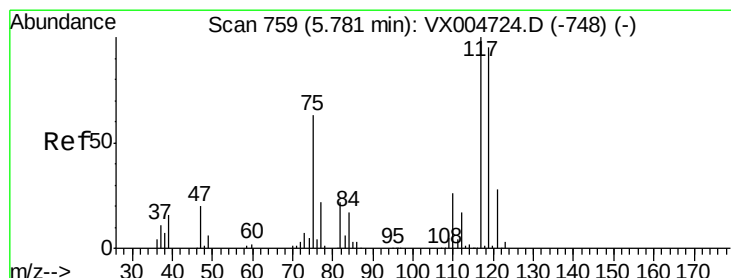
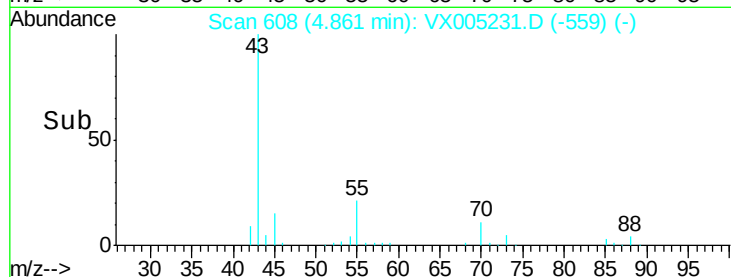
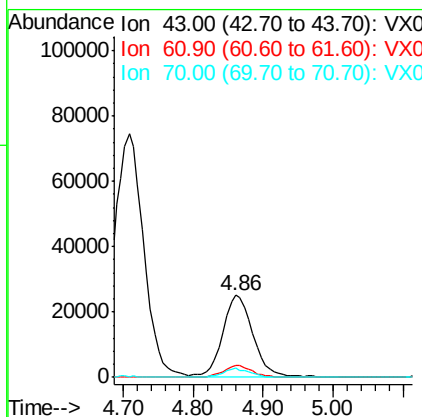
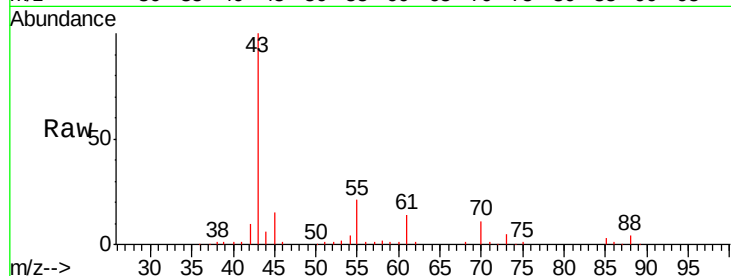
ClientSampleId :

VX1010WBS04

Tgt Ion:	43	Resp:	75232
Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.4	15.6
70	9.9	8.7	13.1

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#38

Carbon Tetrachloride

Concen: 17.80 ug/l

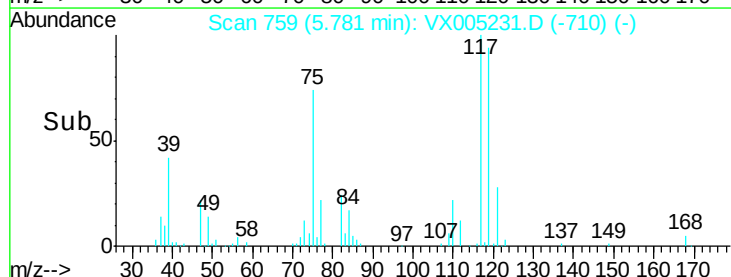
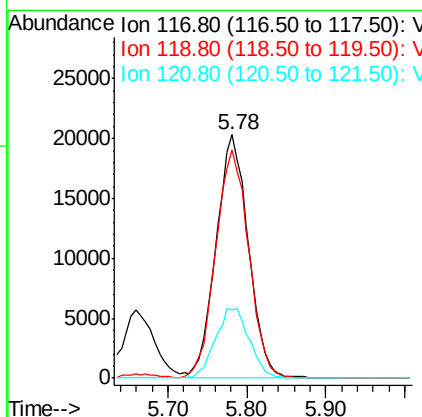
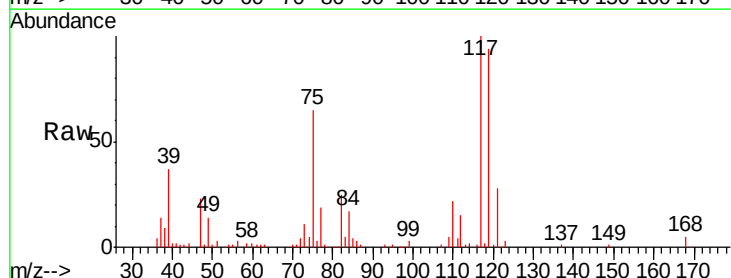
RT: 5.78 min Scan# 759

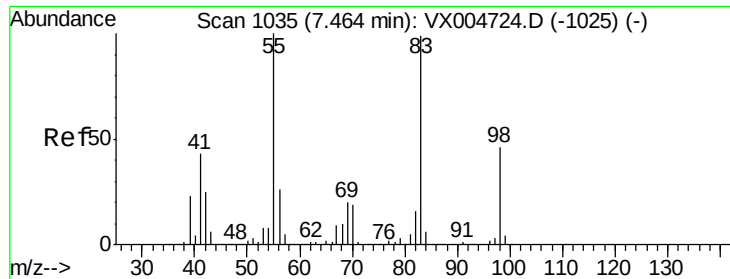
Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Tgt Ion:	117	Resp:	57938
Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.2	112.8
121	28.2	22.5	33.7





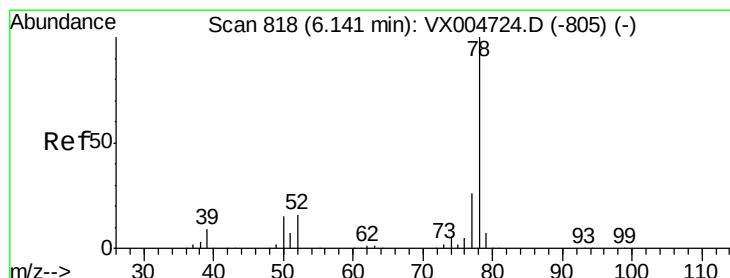
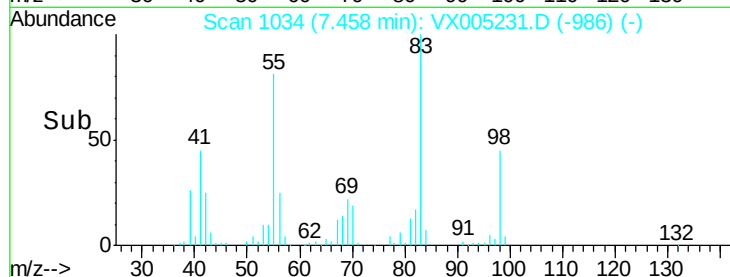
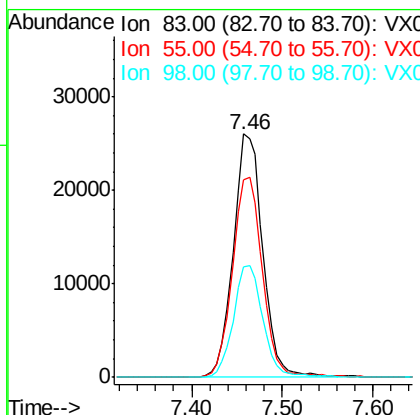
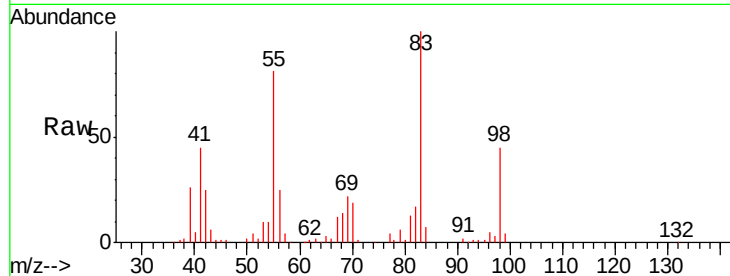
#39
Methylcyclohexane
Concen: 18.56 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS04

Tgt Ion	Ratio	Lower	Upper
83	100		
55	81.1	81.1	121.7#
98	45.5	37.3	55.9

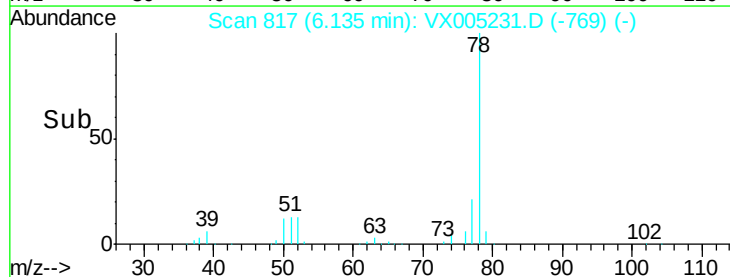
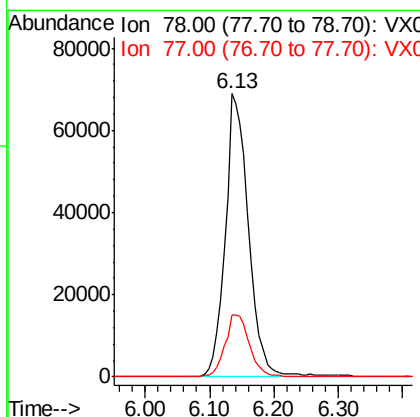
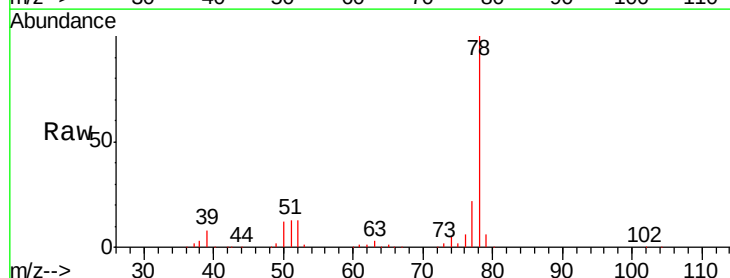
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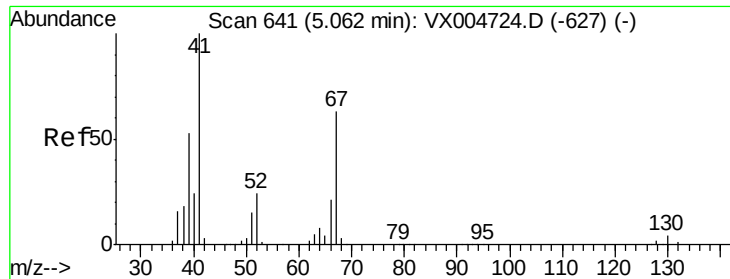
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#40
Benzene
Concen: 18.10 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.1	21.0	31.4





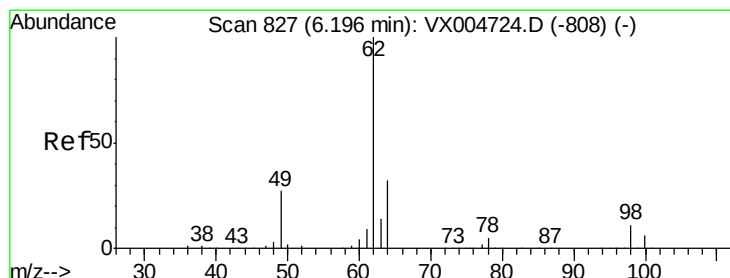
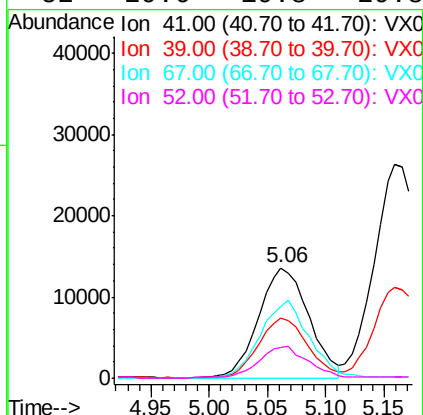
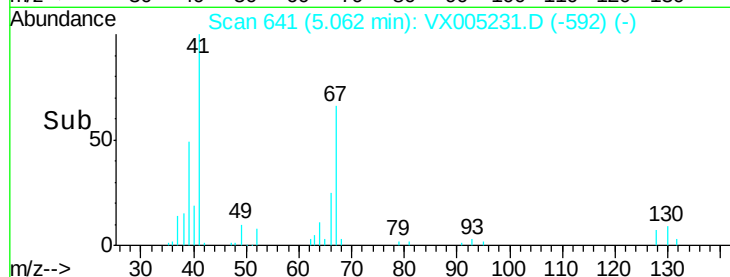
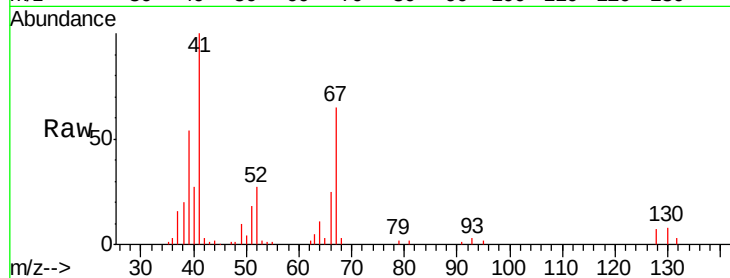
#41
Methacrylonitrile
Concen: 17.66 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS04

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.0	42.5	63.7	
67	70.0	53.0	79.6	
52	29.6	19.8	29.8	

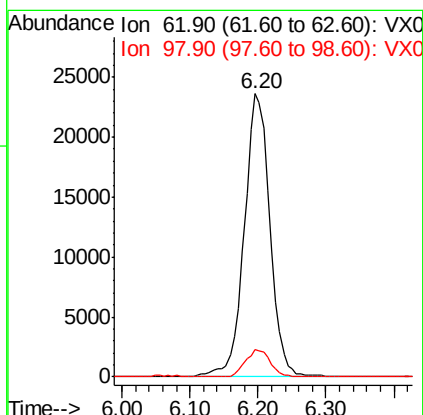
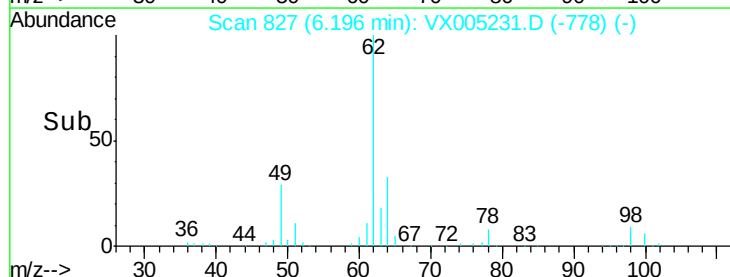
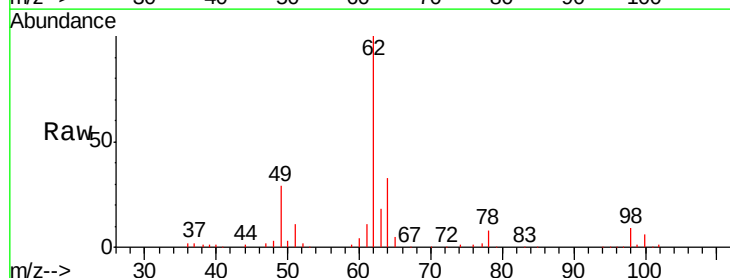
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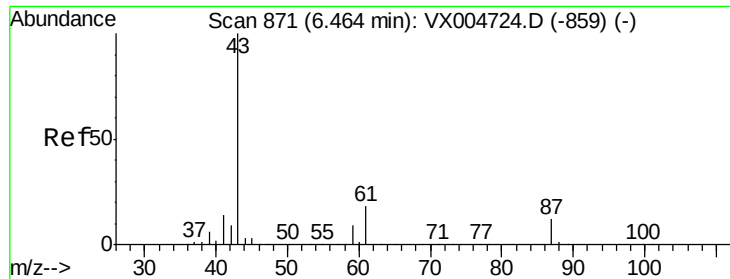
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#42
1,2-Dichloroethane
Concen: 18.12 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.3	0.0	20.2	





#43

Isopropyl Acetate

Concen: 17.30 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

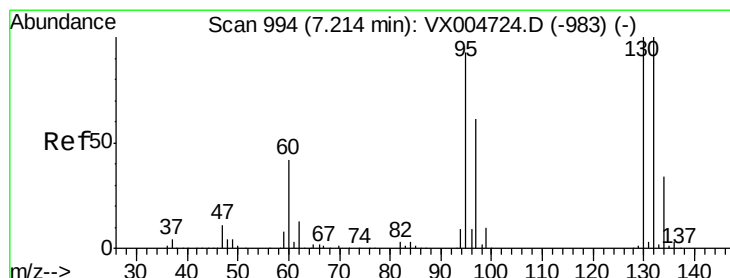
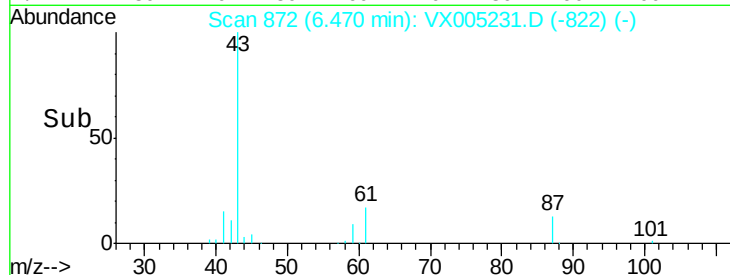
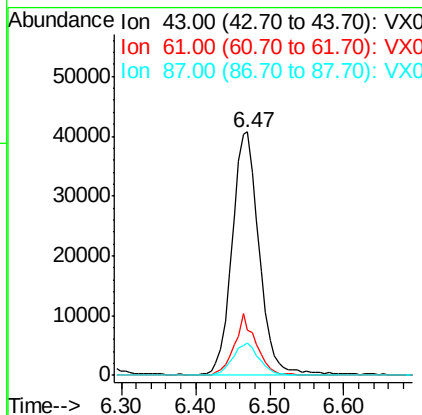
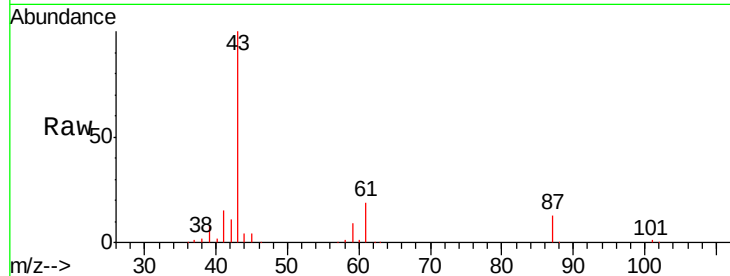
ClientSampleId :

VX1010WBS04

Tgt Ion:	43	Resp:	102599
Ion	Ratio	Lower	Upper
43	100		
61	20.6	14.2	21.4
87	13.2	9.3	13.9

Manual Integrations
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#44

Trichloroethene

Concen: 18.92 ug/l

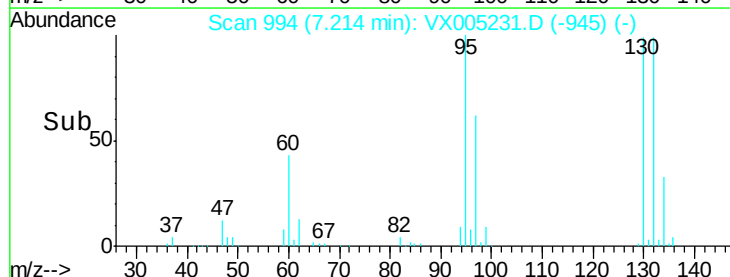
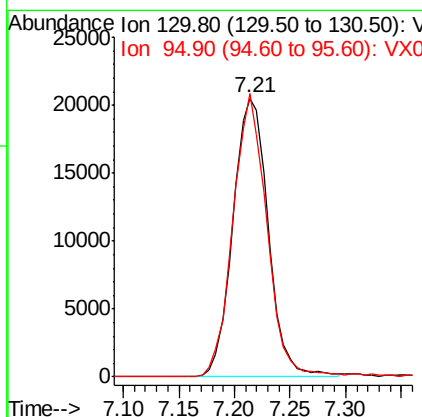
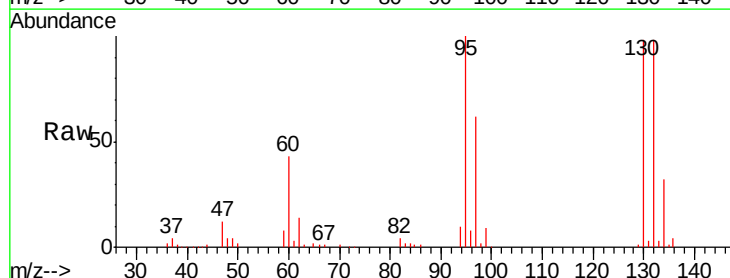
RT: 7.21 min Scan# 994

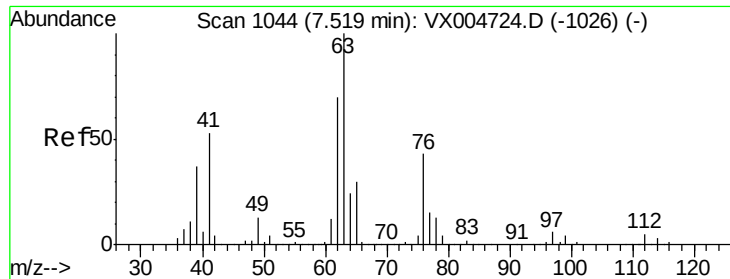
Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Tgt Ion:	130	Resp:	45092
Ion	Ratio	Lower	Upper
130	100		
95	101.6	0.0	186.8





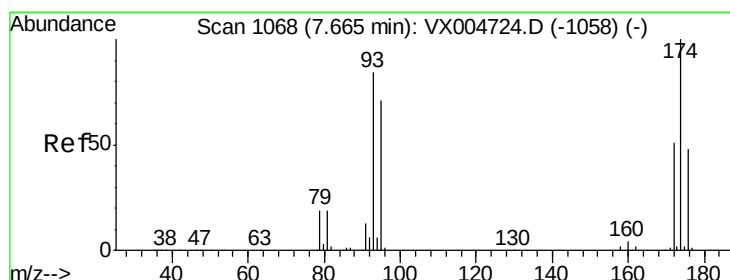
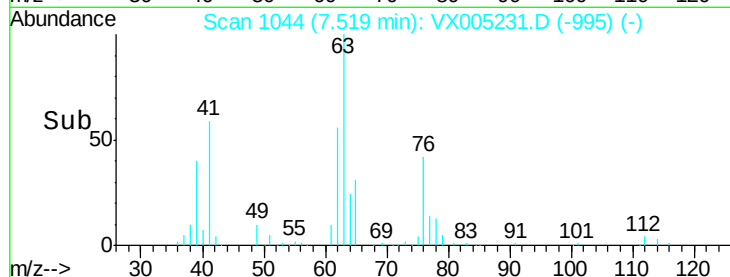
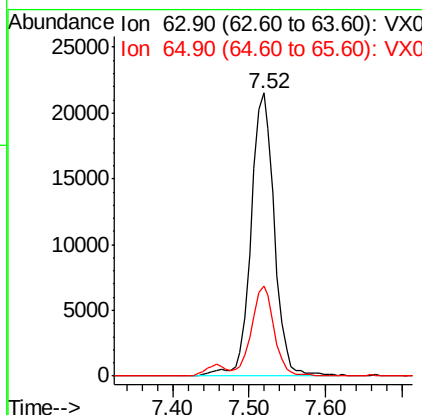
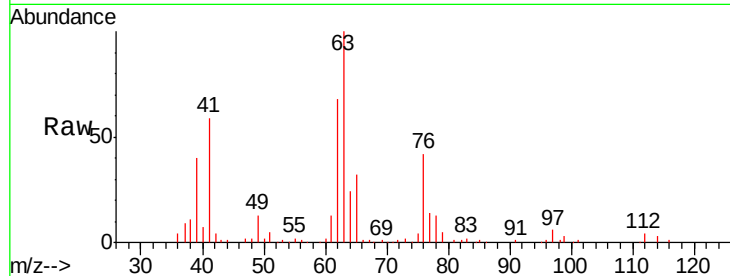
#45
 1,2-Dichloropropane
 Concen: 19.30 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX005231.D
 Acq: 11 Oct 2018 04:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS04

Tgt Ion: 63 Resp: 45872
 Ion Ratio Lower Upper
 63 100
 65 31.8 23.9 35.9

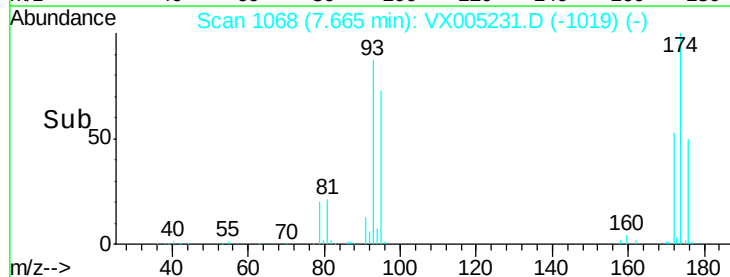
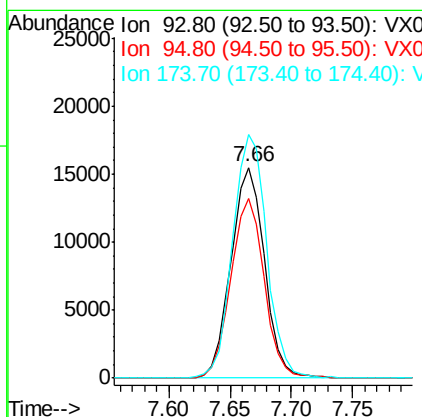
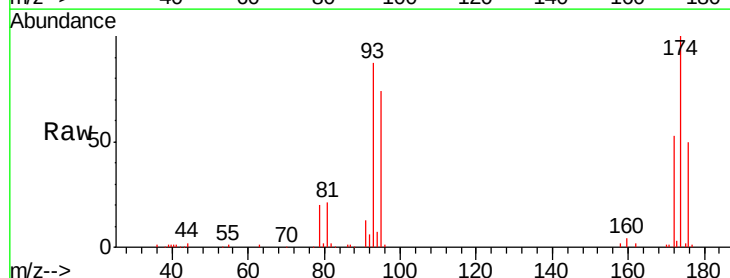
Manual Integrations
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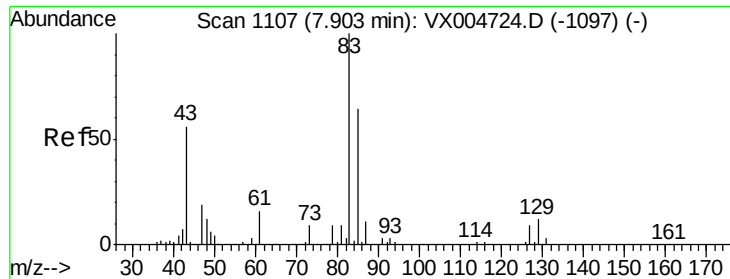
MMDadoda
 10/12/2018 11:45:02 AM



#46
 Dibromomethane
 Concen: 19.65 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX005231.D
 Acq: 11 Oct 2018 04:04

Tgt Ion: 93 Resp: 29359
 Ion Ratio Lower Upper
 93 100
 95 85.2 66.7 100.1
 174 117.6 92.7 139.1





#47

Bromodichloromethane

Concen: 20.36 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

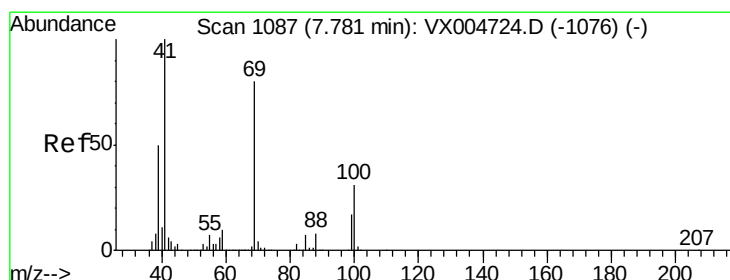
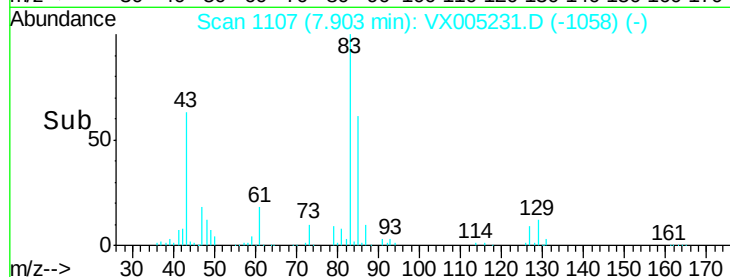
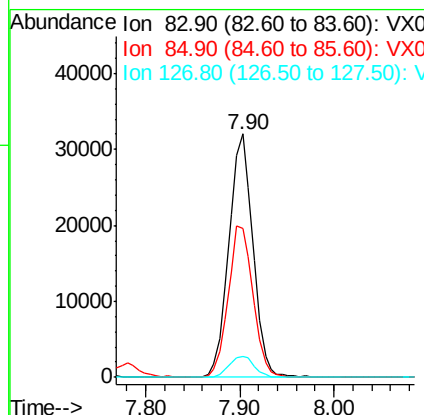
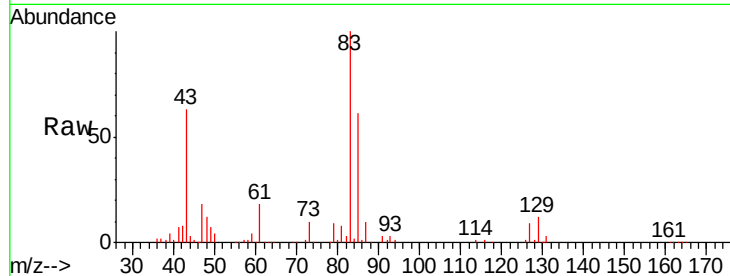
ClientSampleId :

VX1010WBS04

Tgt Ion:	83	Resp:	56952
Ion	Ratio	Lower	Upper
83	100		
85	61.2	51.2	76.8
127	8.6	7.0	10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 20.23 ug/l

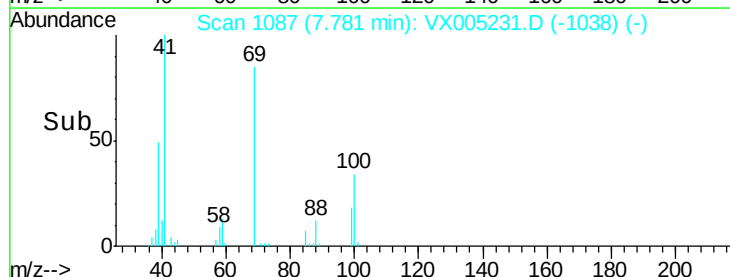
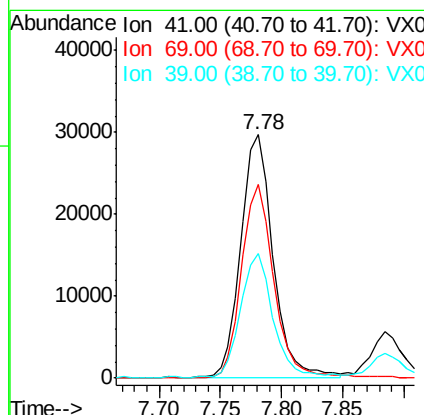
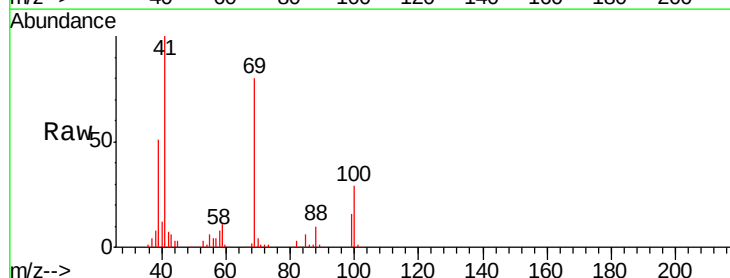
RT: 7.78 min Scan# 1087

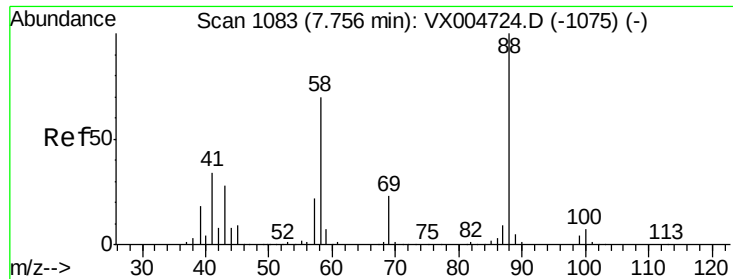
Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Tgt Ion:	41	Resp:	54459
Ion	Ratio	Lower	Upper
41	100		
69	80.4	63.8	95.6
39	50.9	40.7	61.1





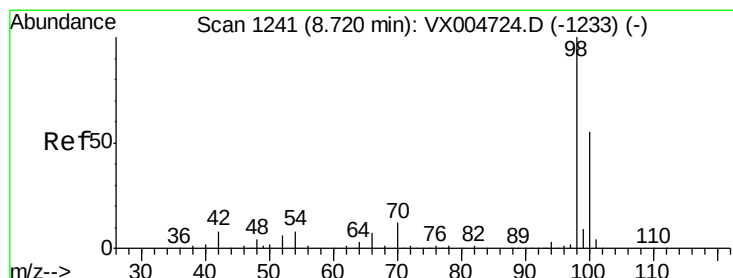
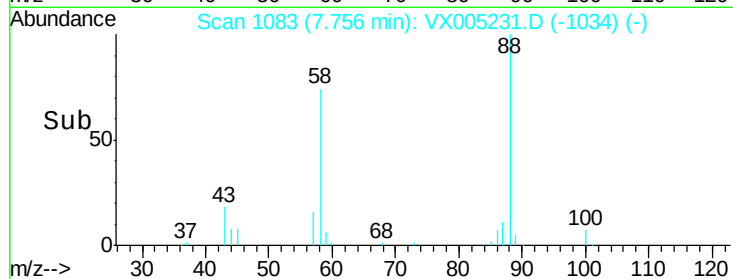
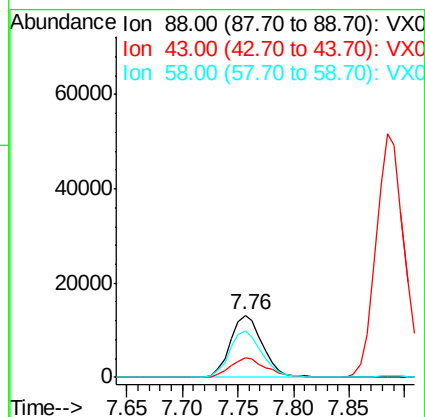
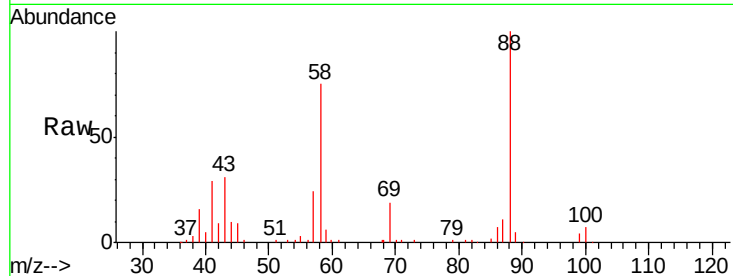
#49
1,4-Dioxane
Concen: 395.49 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS04

Tgt Ion: 88 Resp: 26453
Ion Ratio Lower Upper
88 100
43 34.8 25.1 37.7
58 74.7 56.2 84.2

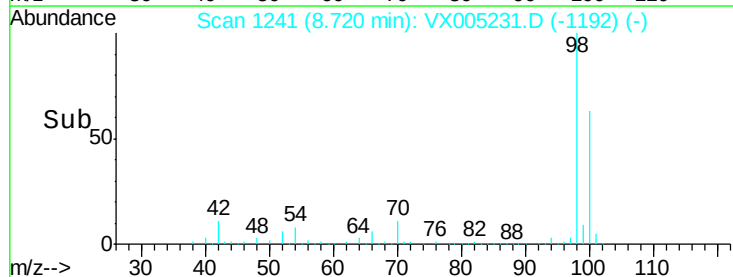
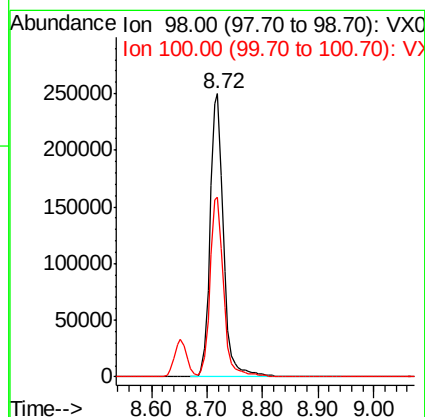
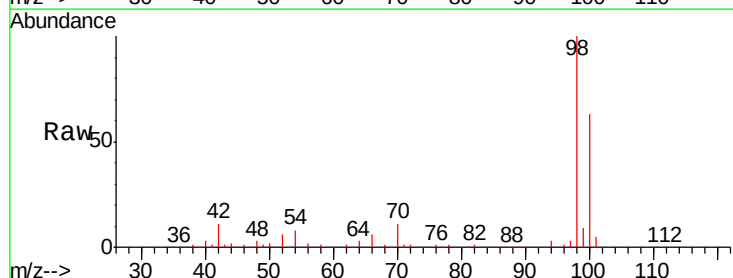
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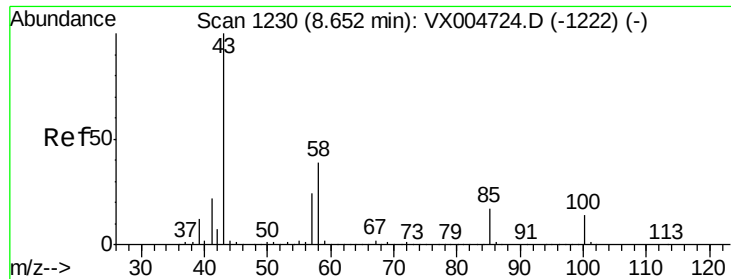
MMDadoda
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#50
Toluene-d8
Concen: 55.94 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Tgt Ion: 98 Resp: 421984
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 104.74 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampled :

VX1010WBS04

Tgt Ion: 43 Resp: 391174

Ion Ratio Lower Upper

43 100

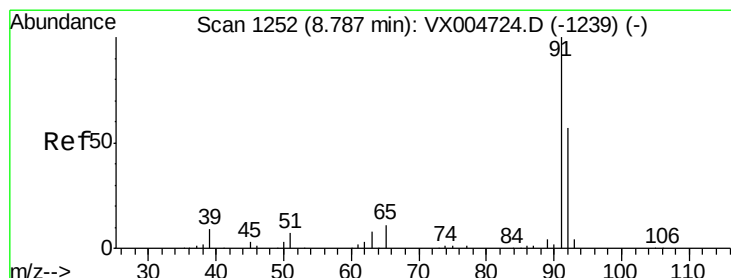
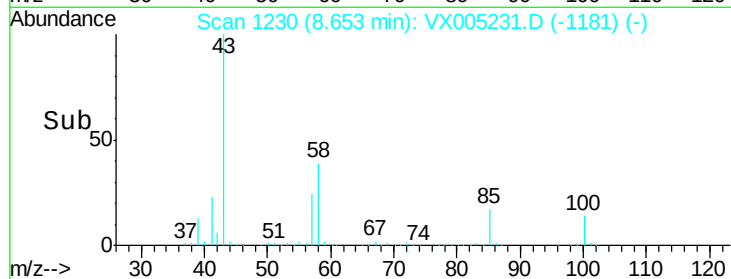
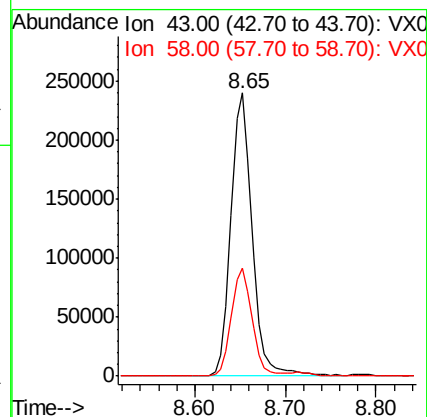
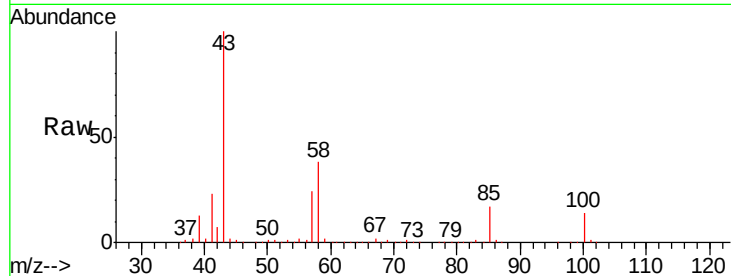
58 37.3 30.5 45.7

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#52

Toluene

Concen: 19.97 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005231.D

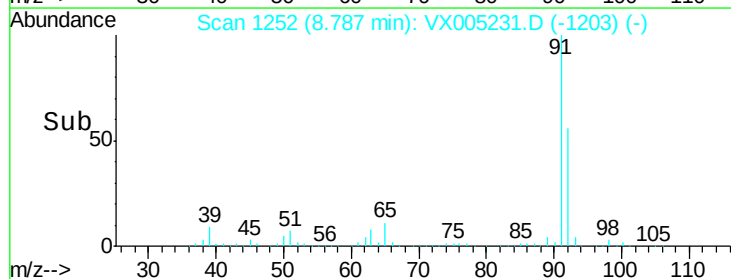
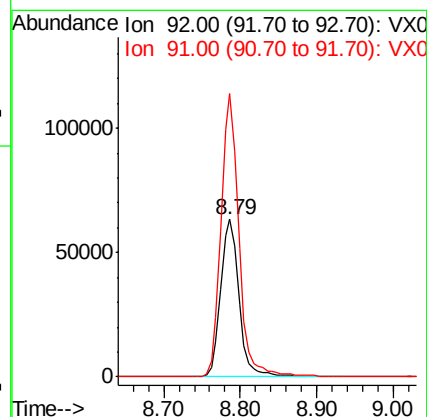
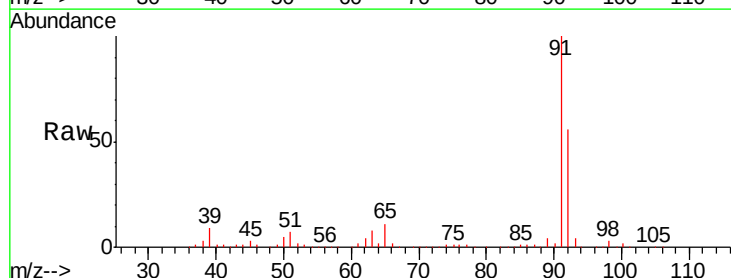
Acq: 11 Oct 2018 04:04

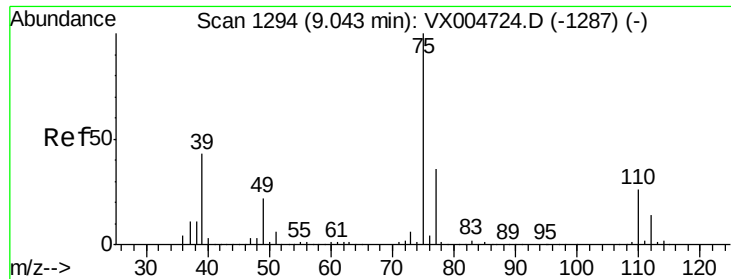
Tgt Ion: 92 Resp: 106370

Ion Ratio Lower Upper

92 100

91 174.5 136.7 205.1





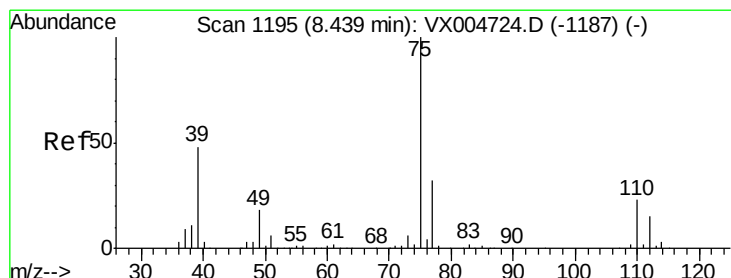
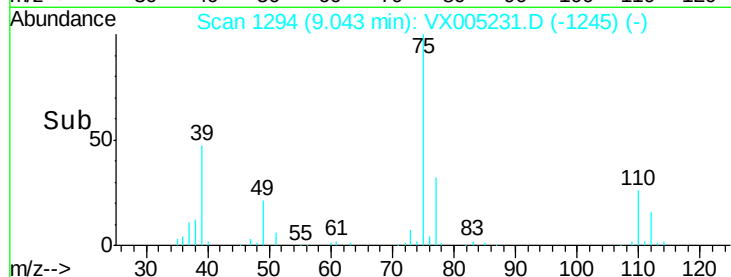
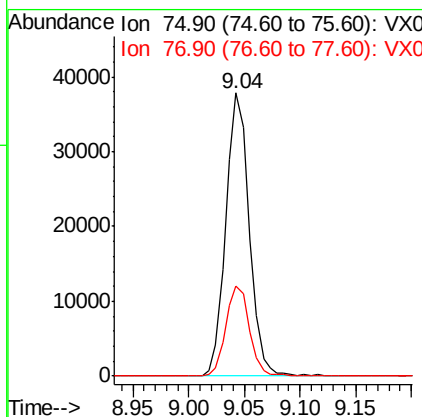
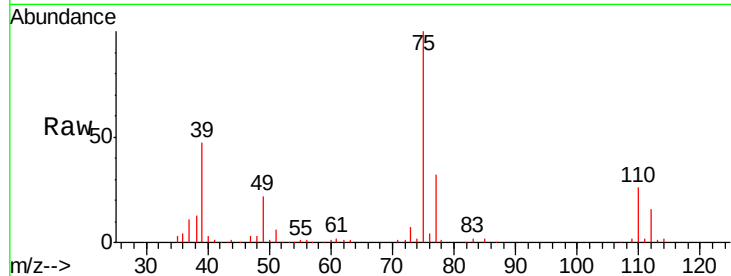
#53
t-1,3-Dichloropropene
Concen: 17.45 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS04

Tgt Ion: 75 Resp: 55162
Ion Ratio Lower Upper
75 100
77 31.7 28.9 43.3

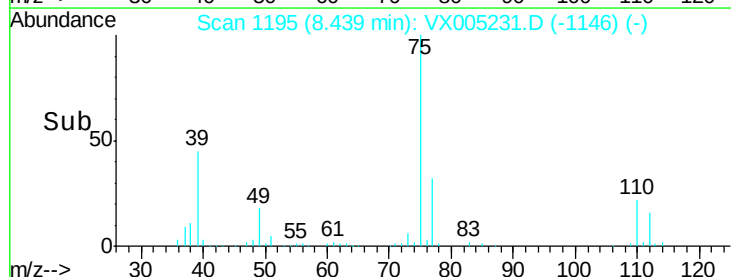
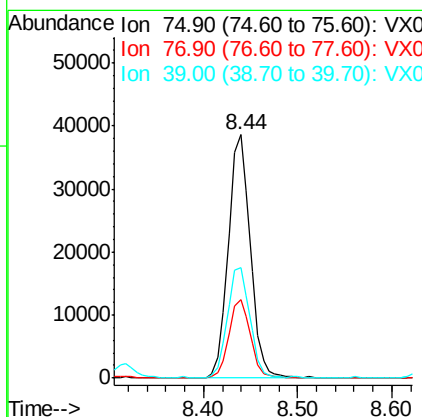
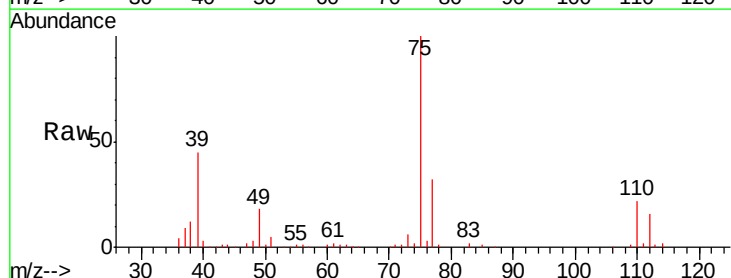
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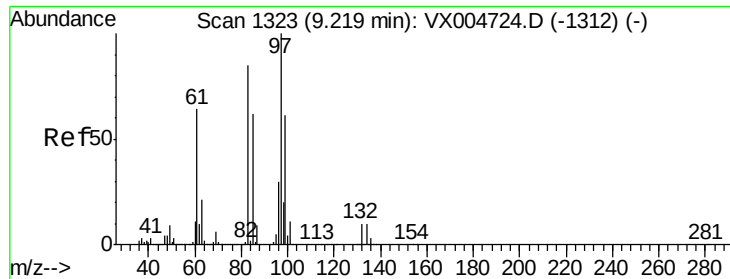
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 18.93 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Tgt Ion: 75 Resp: 62667
Ion Ratio Lower Upper
75 100
77 32.3 25.7 38.5
39 45.2 38.3 57.5





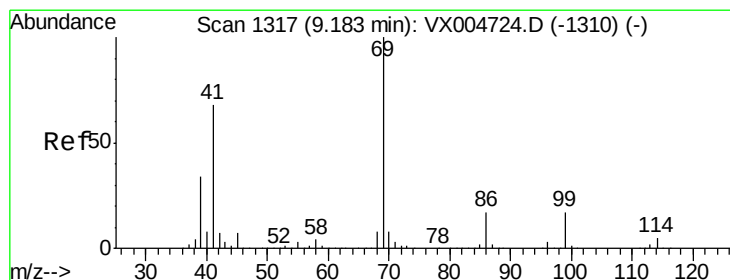
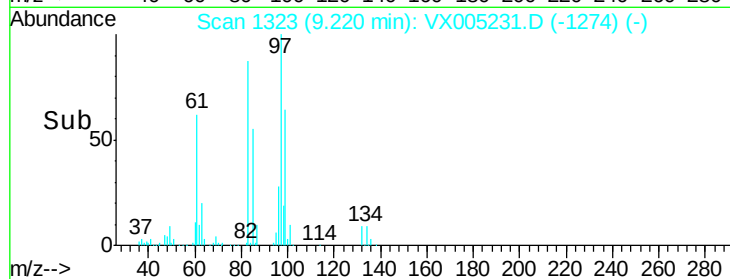
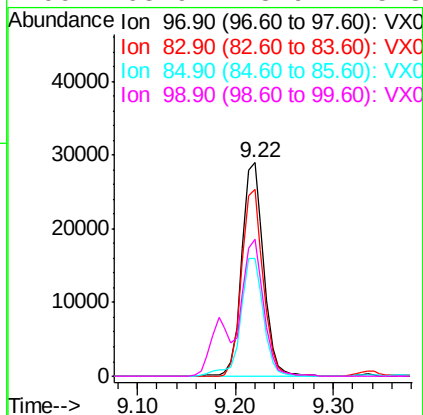
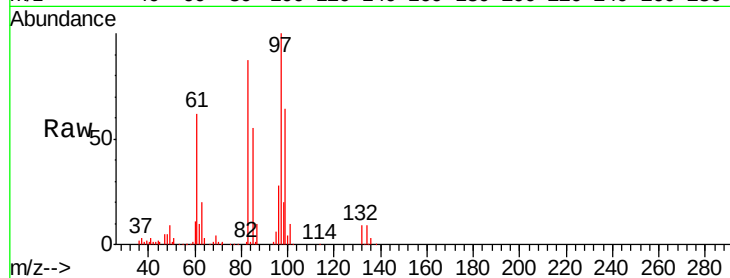
#55
 1,1,2-Trichloroethane
 Concen: 19.20 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX005231.D
 Acq: 11 Oct 2018 04:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS04

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.2	68.2	102.2
85	55.3	49.9	74.9
99	63.9	48.9	73.3

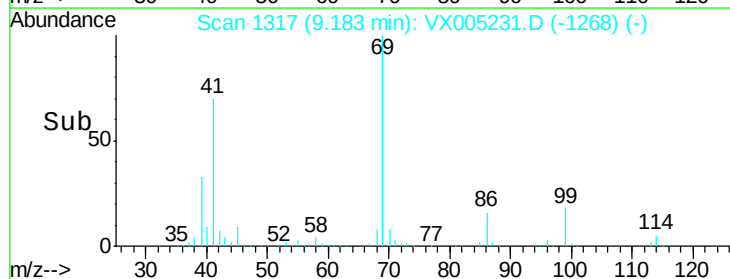
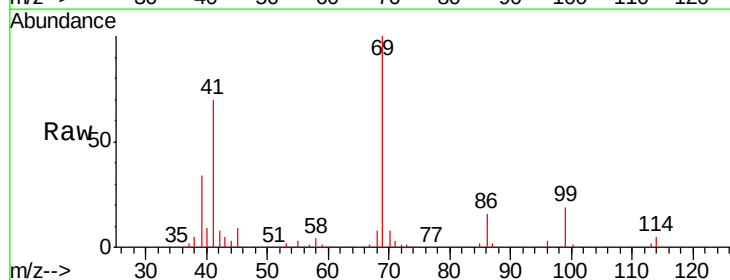
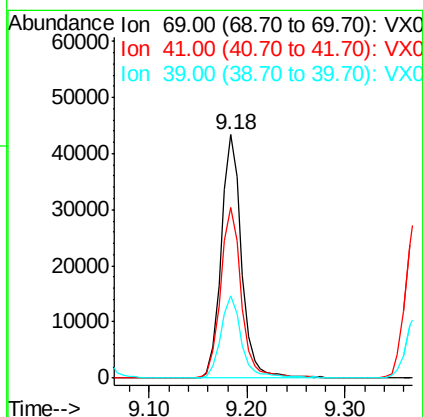
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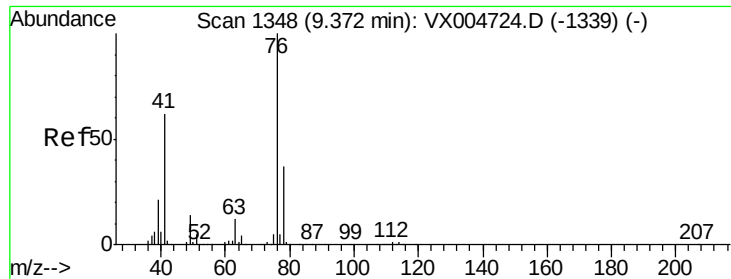
MMDadoda
 10/12/2018 11:45:02 AM



#56
 Ethyl methacrylate
 Concen: 18.49 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005231.D
 Acq: 11 Oct 2018 04:04

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.9	56.9	85.3
39	34.3	28.4	42.6





#57

1,3-Dichloropropane

Concen: 19.07 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS04

Tgt Ion: 76 Resp: 74047

Ion Ratio Lower Upper

76 100

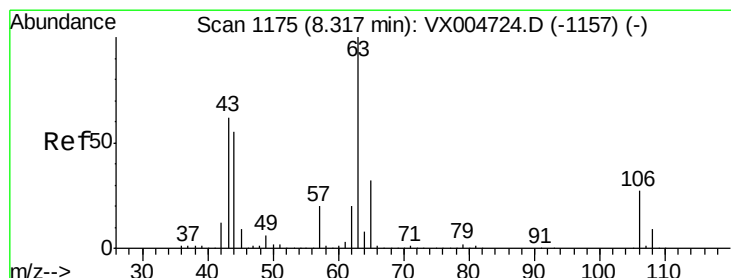
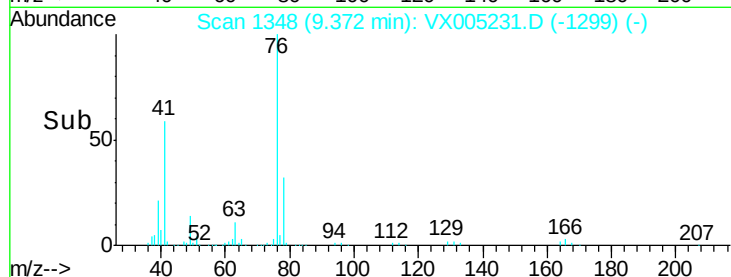
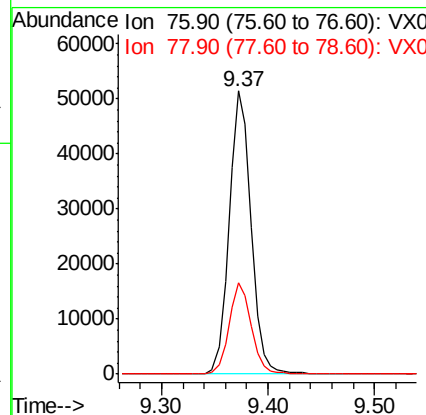
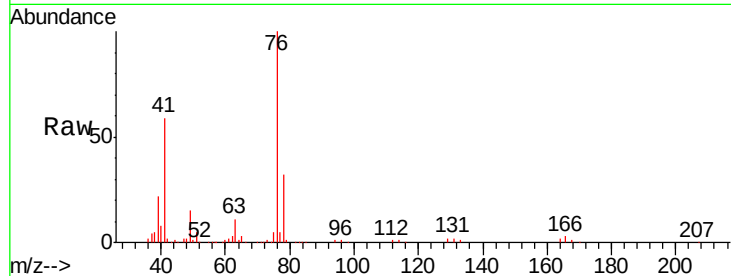
78 32.3 26.6 40.0

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#58

2-Chloroethyl Vinyl ether

Concen: 91.38 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX005231.D

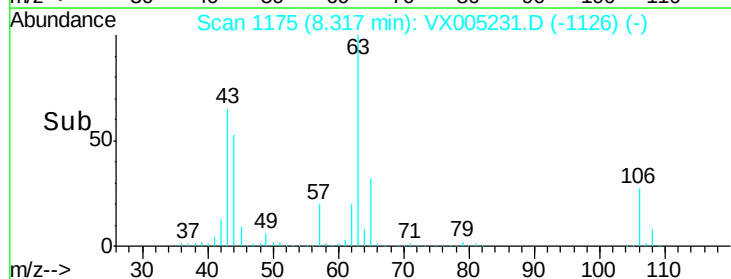
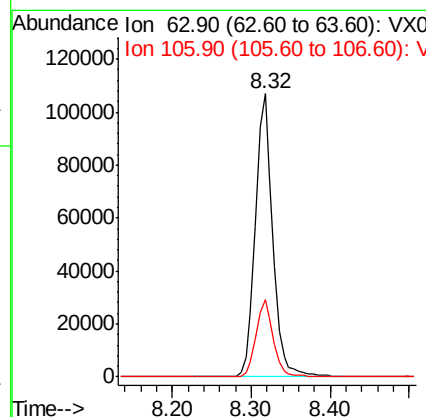
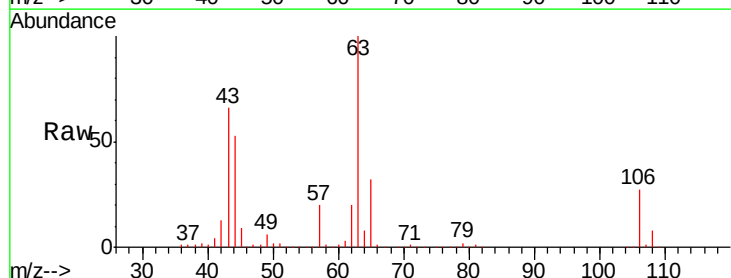
Acq: 11 Oct 2018 04:04

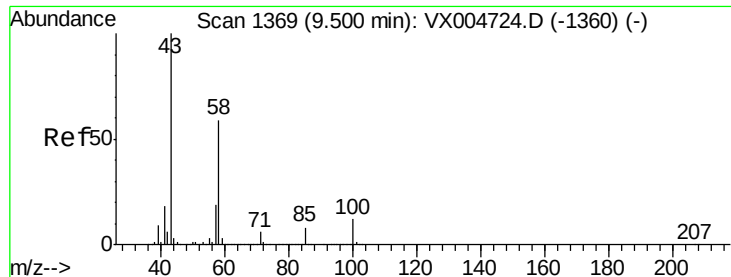
Tgt Ion: 63 Resp: 164417

Ion Ratio Lower Upper

63 100

106 27.2 21.0 31.6





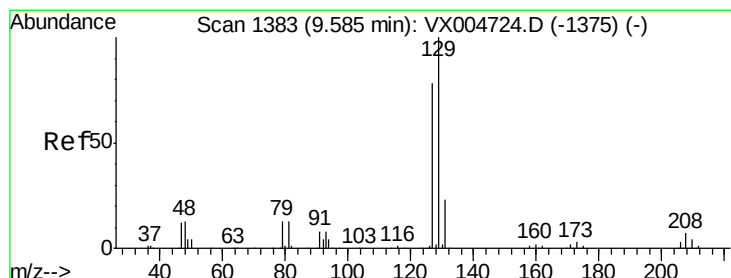
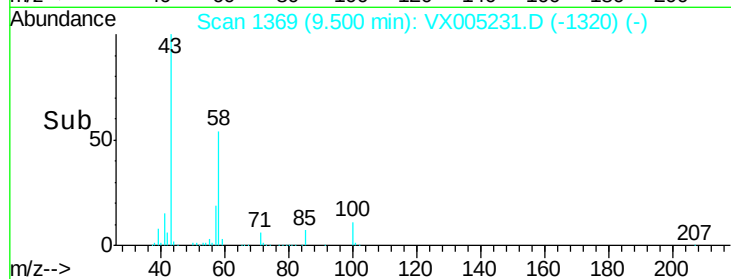
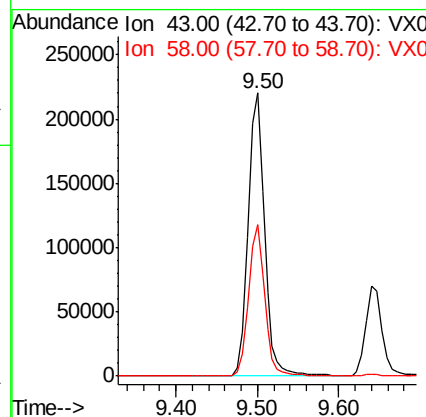
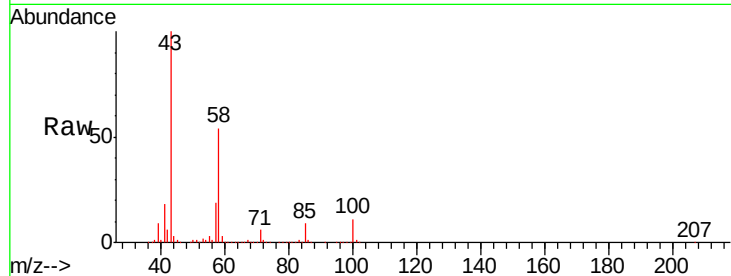
#59
2-Hexanone
Concen: 98.36 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS04

Tgt Ion	Ratio	Lower	Upper
43	100		
58	52.8	28.4	85.3

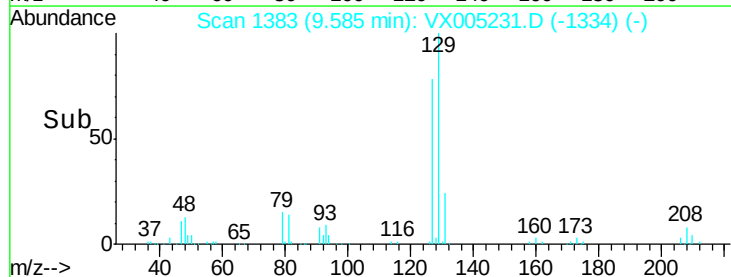
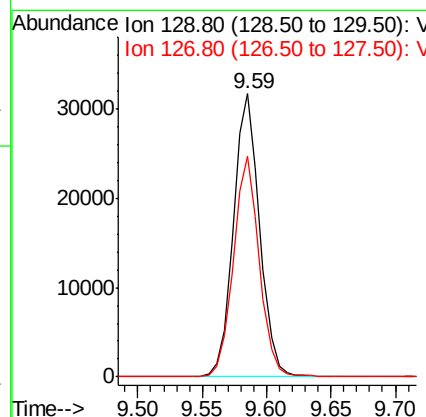
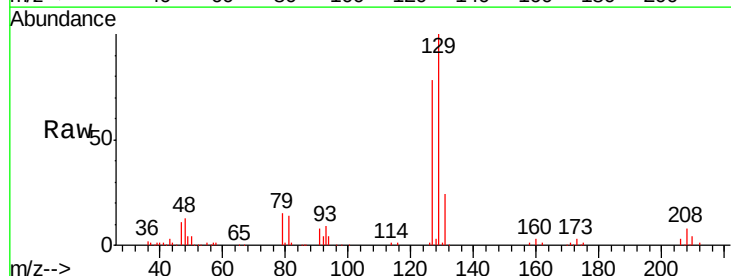
Manual Integrations
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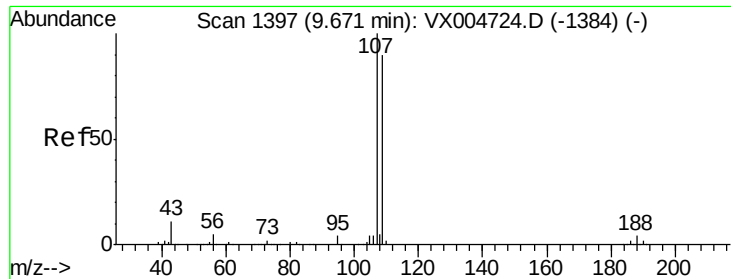
MMDadoda
10/12/2018 11:45:02 AM



#60
Dibromochloromethane
Concen: 19.28 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.1	39.1	117.2





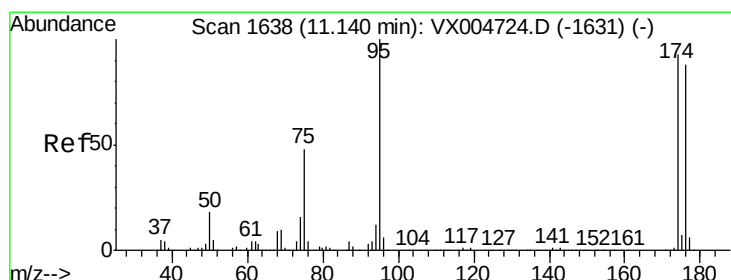
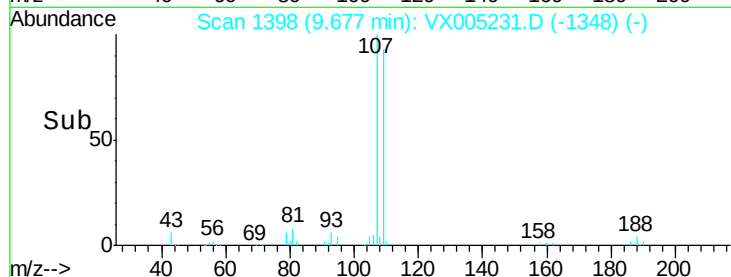
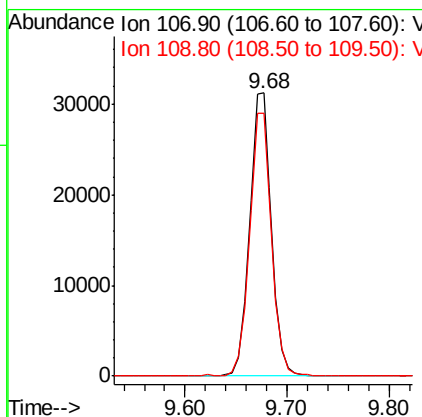
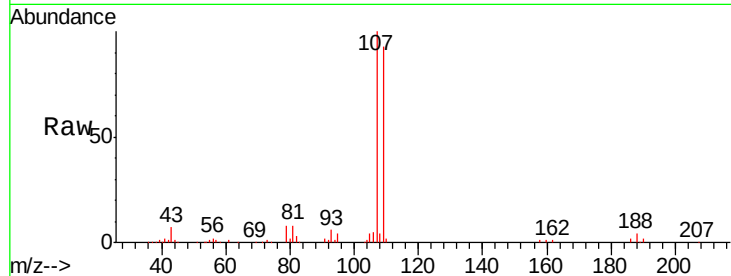
#61
 1,2-Dibromoethane
 Concen: 18.63 ug/l
 RT: 9.68 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: VX005231.D
 Acq: 11 Oct 2018 04:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS04

Tgt Ion: 107 Resp: 46543
 Ion Ratio Lower Upper
 107 100
 109 93.8 72.1 108.1

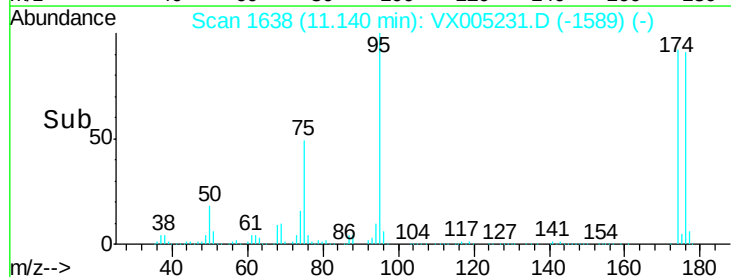
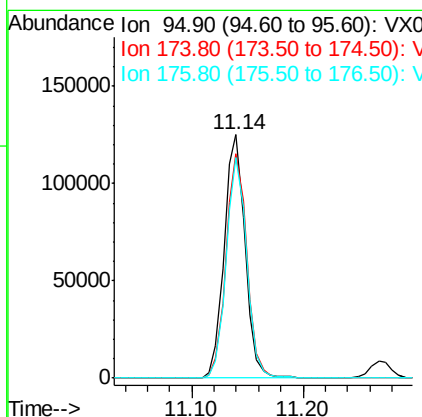
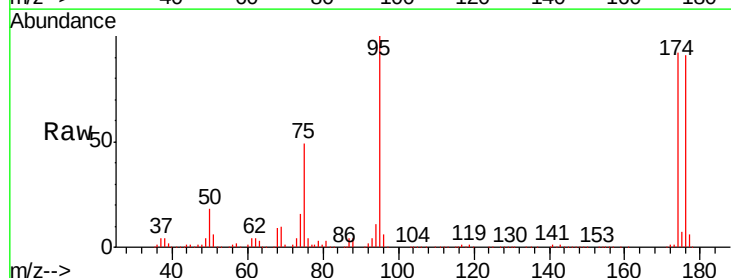
Manual Integrations
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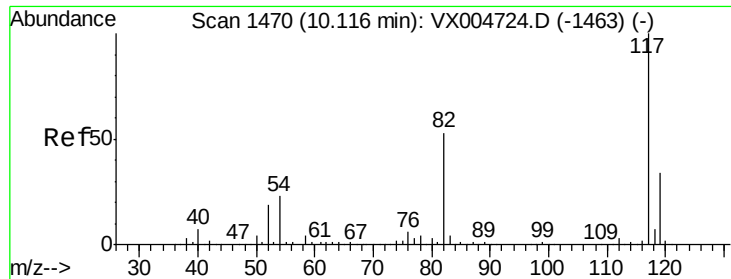
MMDadoda
 10/12/2018 11:45:02 AM



#62
 4-Bromofluorobenzene
 Concen: 59.83 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX005231.D
 Acq: 11 Oct 2018 04:04

Tgt Ion: 95 Resp: 162590
 Ion Ratio Lower Upper
 95 100
 174 92.2 0.0 185.0
 176 89.2 0.0 180.2





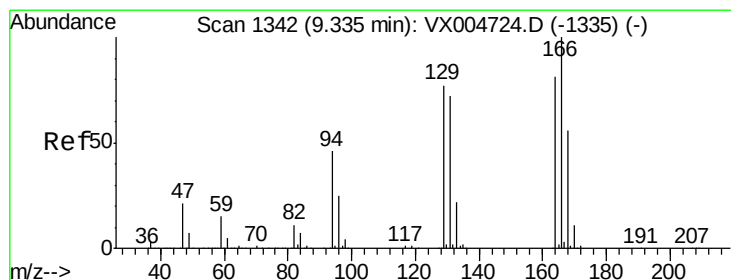
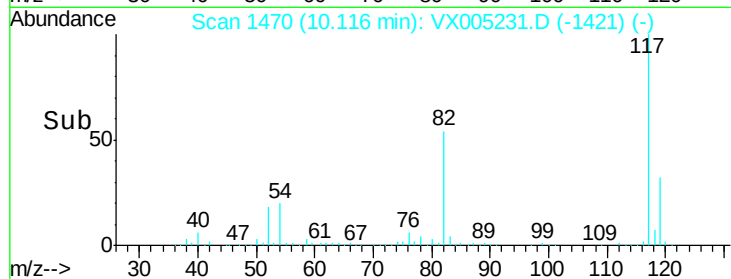
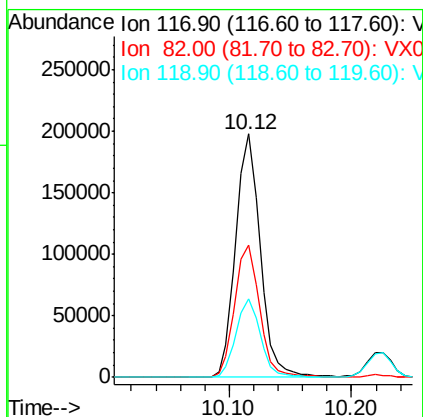
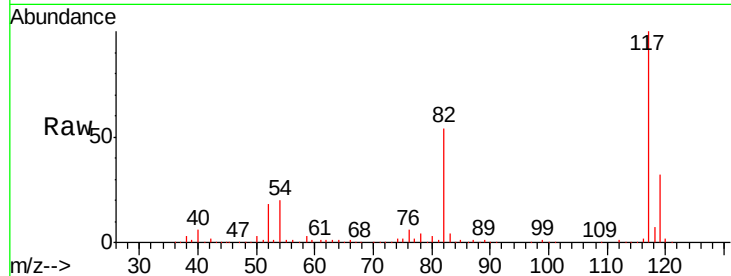
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	275412		
82	54.3	42.2	63.4	
119	32.5	27.4	41.0	

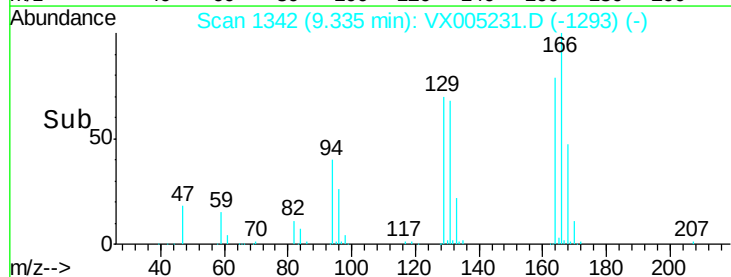
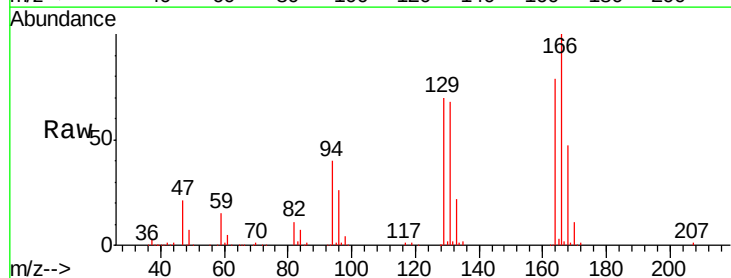
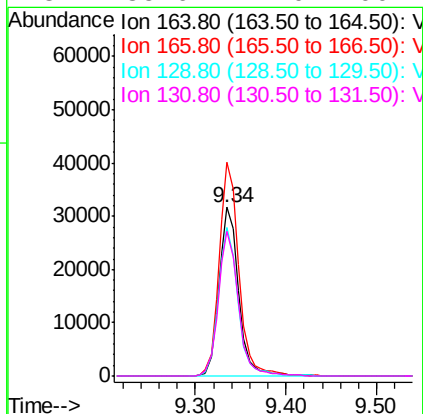
Manual Integrations
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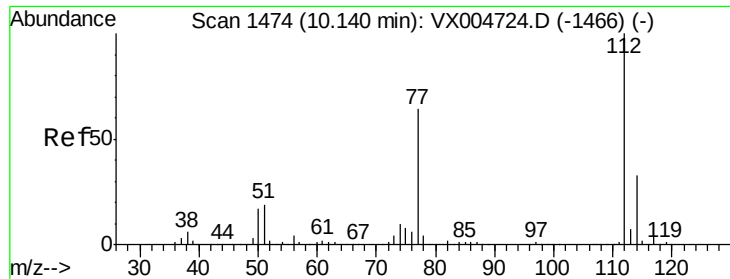
MMDadoda
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#64
Tetrachloroethene
Concen: 17.70 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	47970		
166	126.5	98.4	147.6	
129	88.3	76.1	114.1	
131	85.6	71.0	106.4	





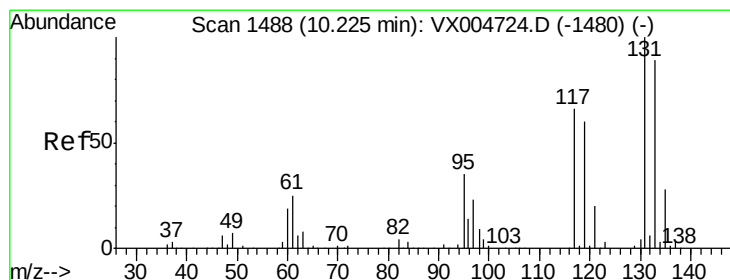
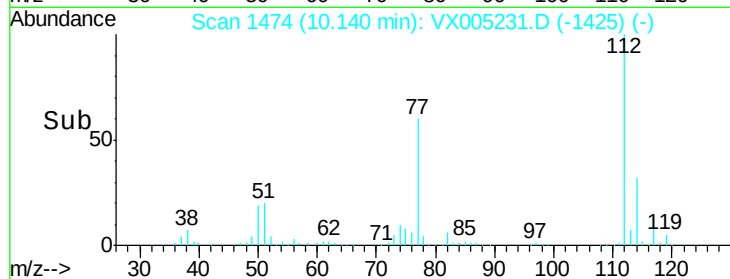
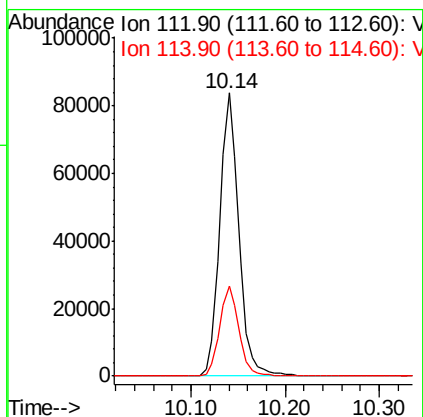
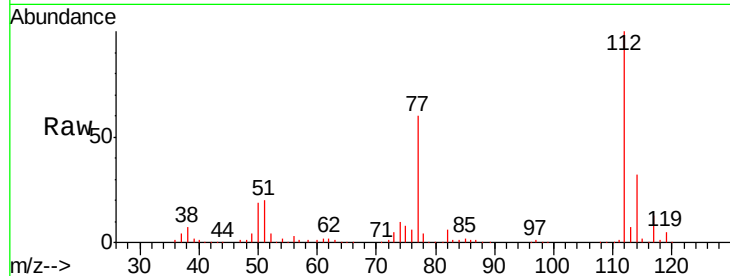
#65
Chlorobenzene
Concen: 16.73 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS04

Tgt Ion:112 Resp: 118120
Ion Ratio Lower Upper
112 100
114 31.8 26.7 40.1

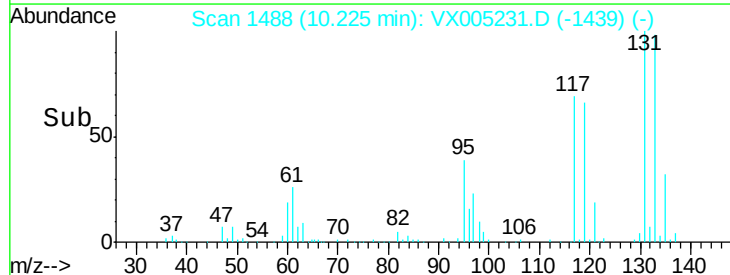
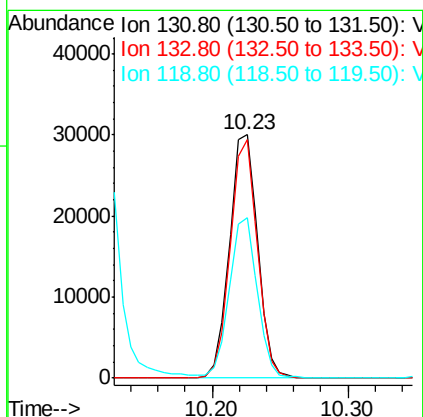
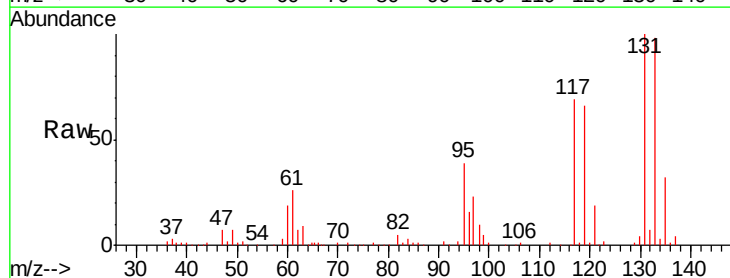
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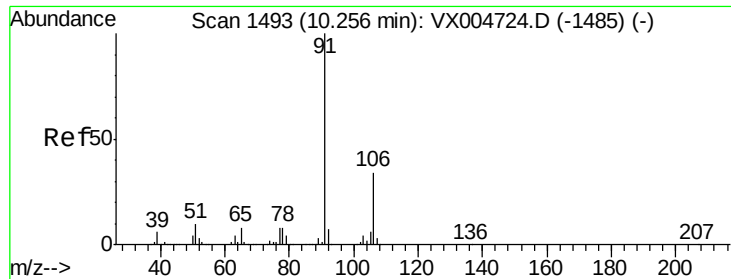
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.44 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Tgt Ion:131 Resp: 43309
Ion Ratio Lower Upper
131 100
133 94.1 48.4 145.0
119 65.9 32.3 96.8





#67

Ethyl Benzene

Concen: 17.18 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS04

Tgt Ion: 91 Resp: 192651

Ion Ratio Lower Upper

91 100

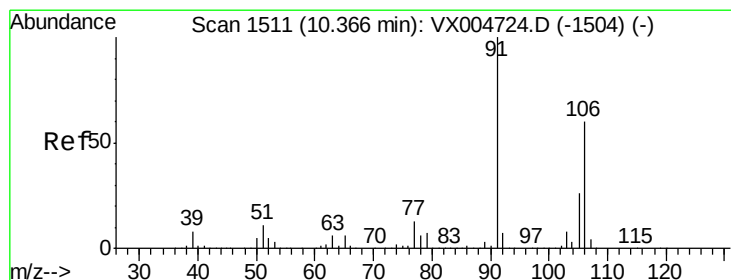
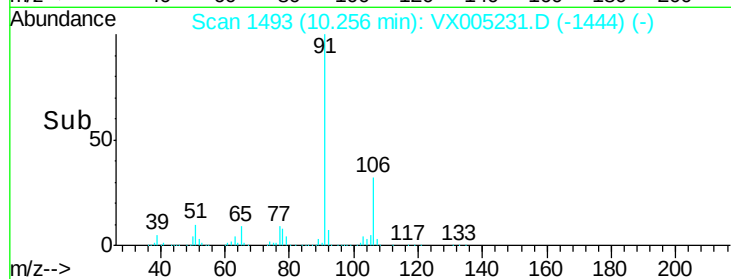
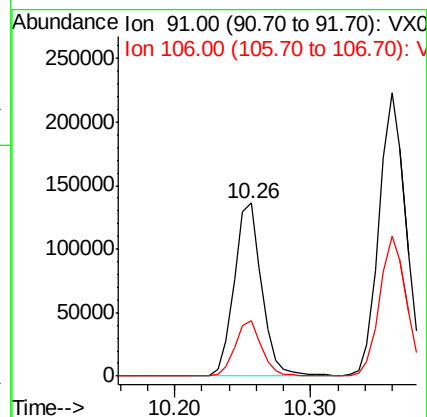
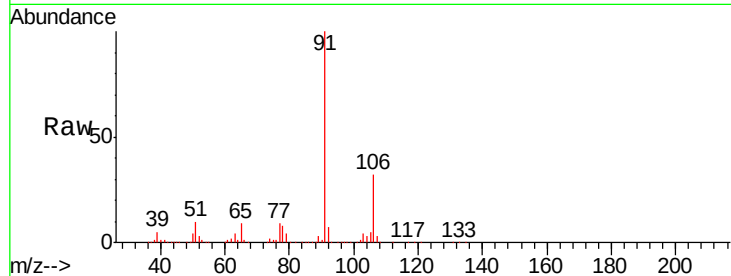
106 32.2 26.9 40.3

Manual Integrations

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10/12/2018 11:45:02 AM



#68

m/p-Xylenes

Concen: 35.14 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005231.D

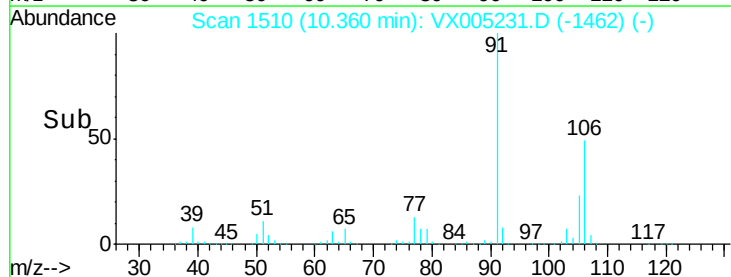
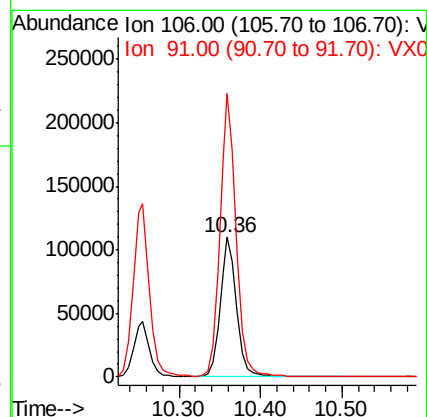
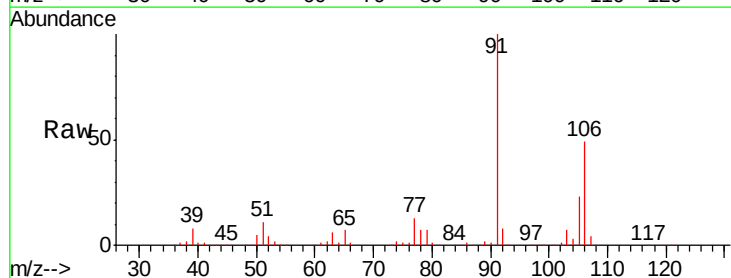
Acq: 11 Oct 2018 04:04

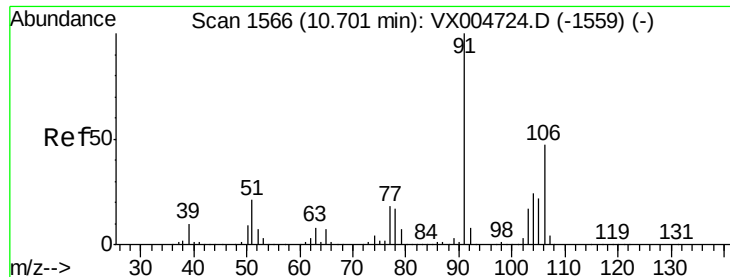
Tgt Ion: 106 Resp: 153957

Ion Ratio Lower Upper

106 100

91 202.8 157.5 236.3





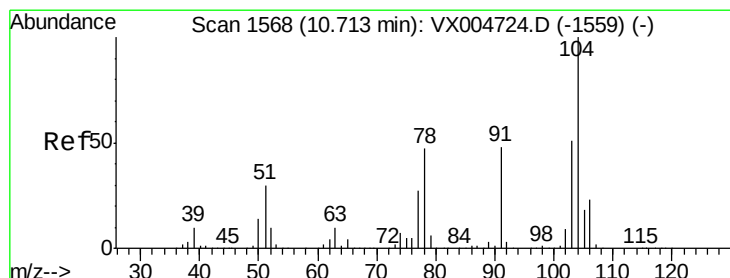
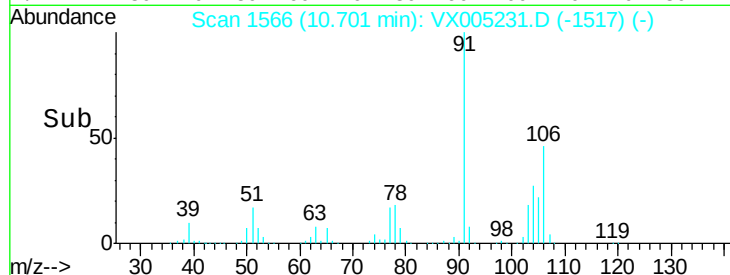
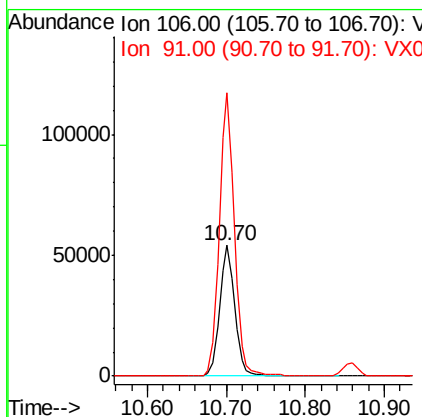
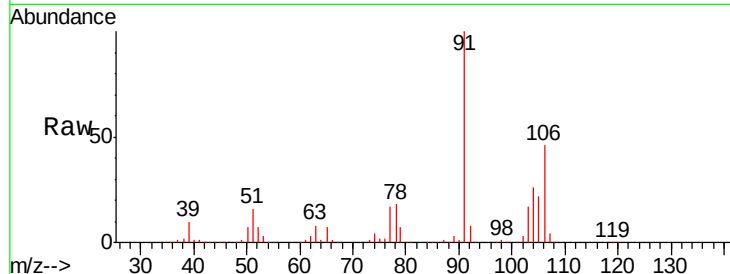
#69
o-Xylene
Concen: 18.01 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS04

Tgt Ion:106 Resp: 72498
Ion Ratio Lower Upper
106 100
91 216.1 108.3 324.8

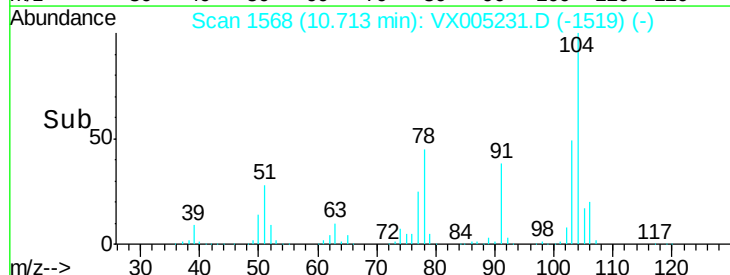
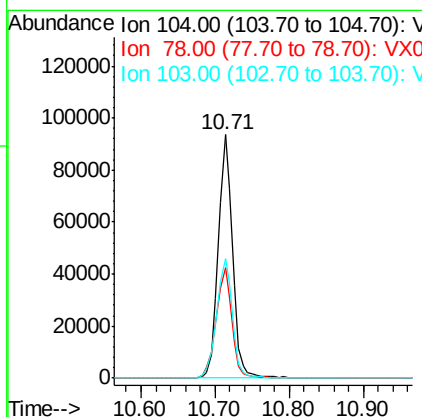
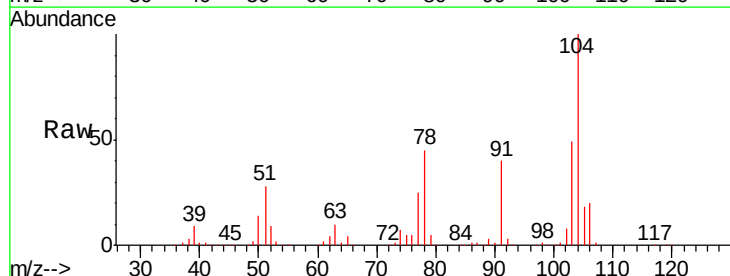
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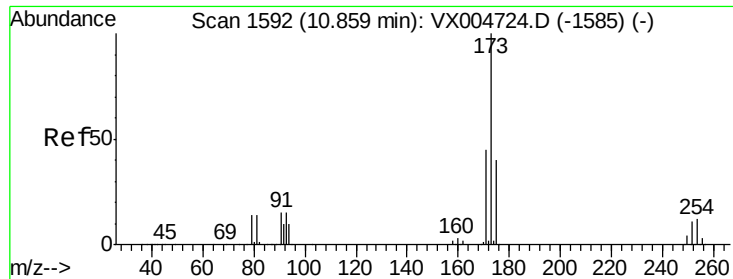
MMDadoda
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#70
Styrene
Concen: 17.87 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Tgt Ion:104 Resp: 123693
Ion Ratio Lower Upper
104 100
78 49.9 40.0 60.0
103 54.4 44.3 66.5





#71

Bromoform

Concen: 17.31 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

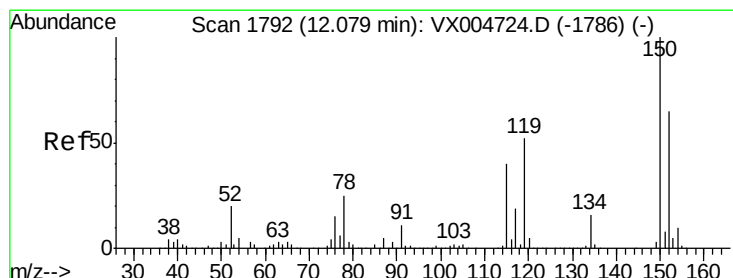
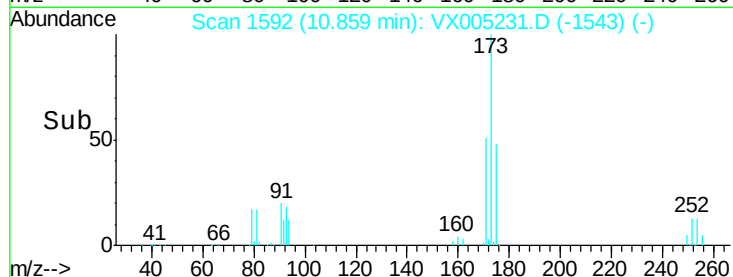
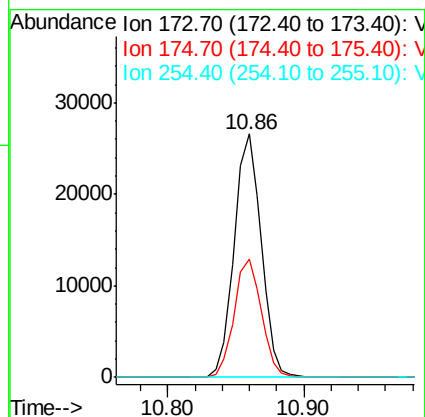
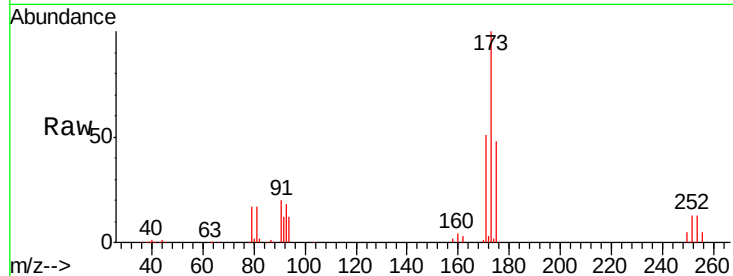
ClientSampleId :

VX1010WBS04

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.6	23.3	69.8
254	0.0	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

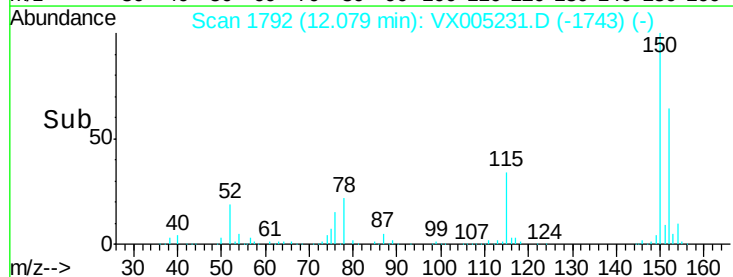
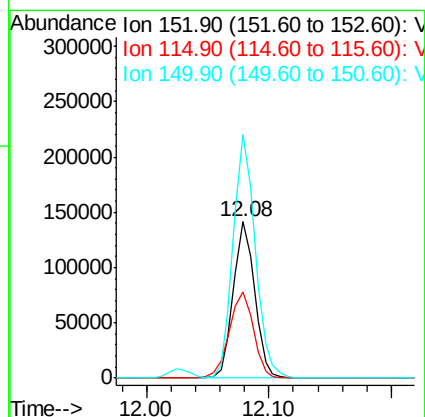
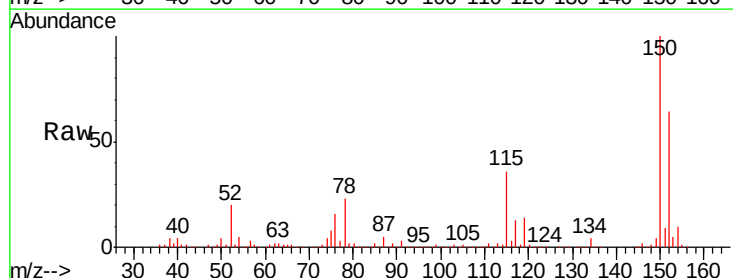
RT: 12.08 min Scan# 1792

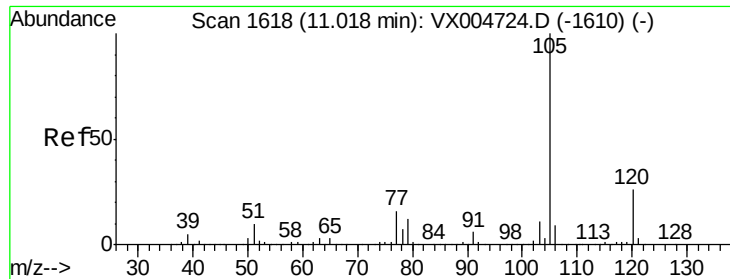
Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.1	40.2	120.6
150	161.8	0.0	351.0





#73

Isopropylbenzene

Concen: 18.48 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS04

Tgt Ion: 105 Resp: 197692

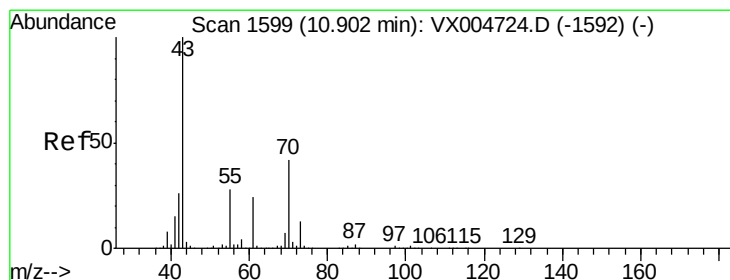
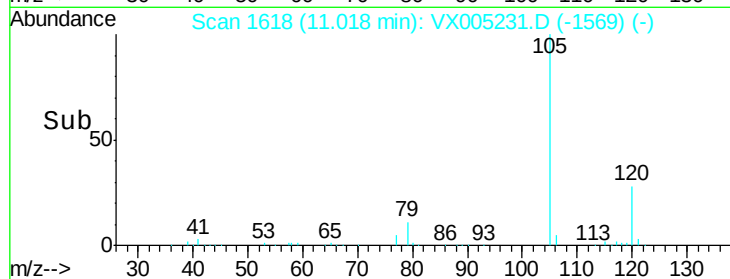
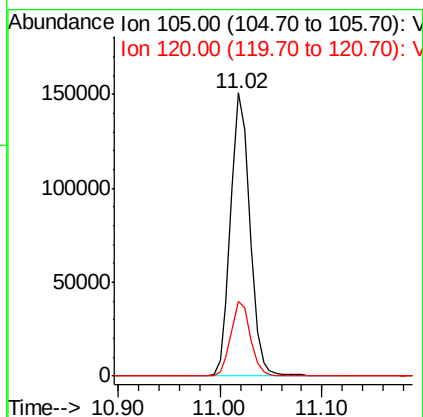
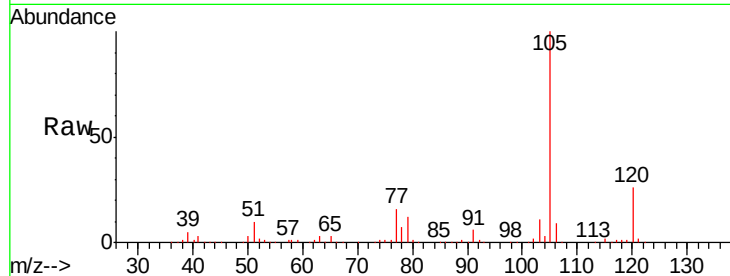
Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.5

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#74

N-ethyl acetate

Concen: 16.48 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Tgt Ion: 43 Resp: 89745

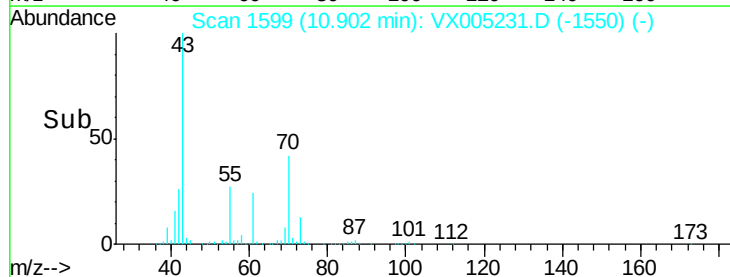
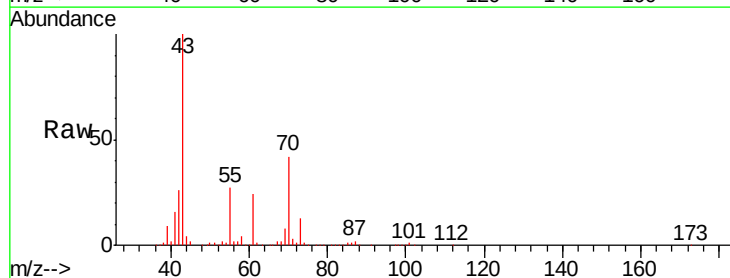
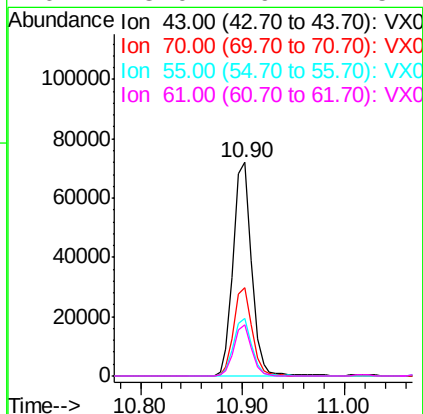
Ion Ratio Lower Upper

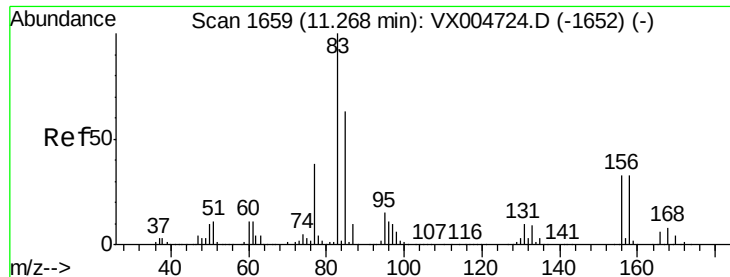
43 100

70 41.0 32.6 48.8

55 26.7 21.6 32.4

61 23.0 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 16.99 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

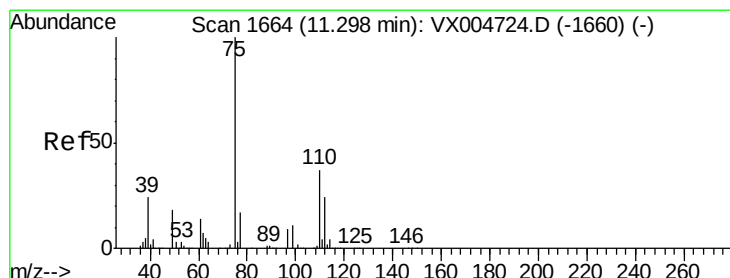
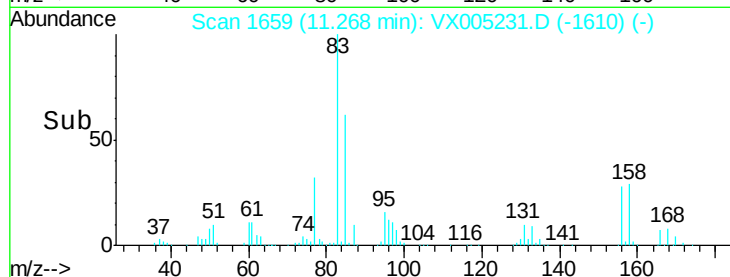
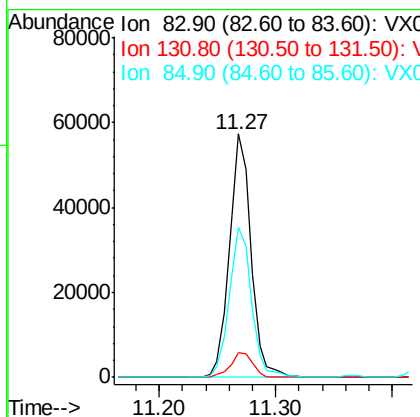
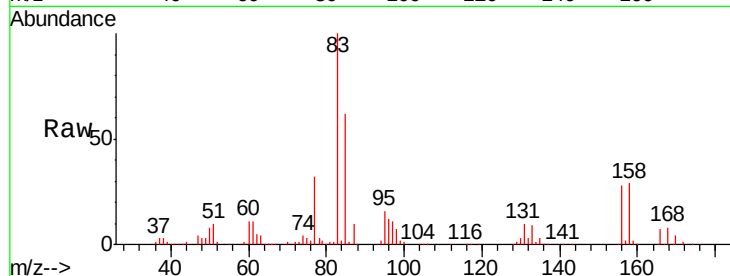
ClientSampleId :

VX1010WBS04

Tgt Ion:	83	Resp:	73983
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.3
85	63.6	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 17.82 ug/l m

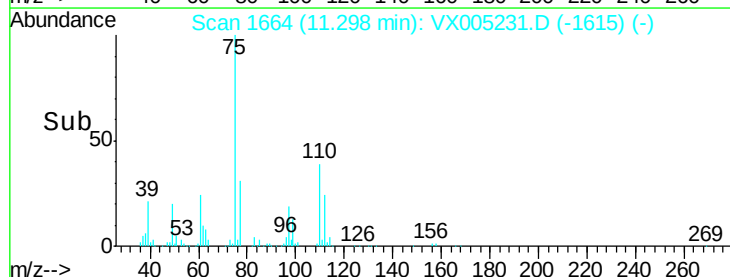
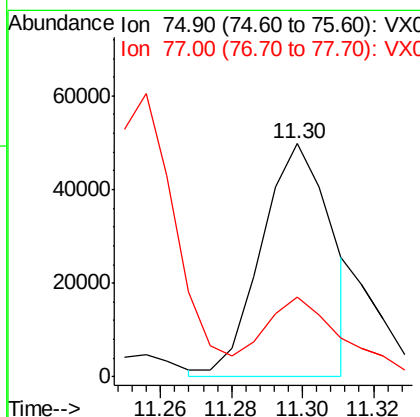
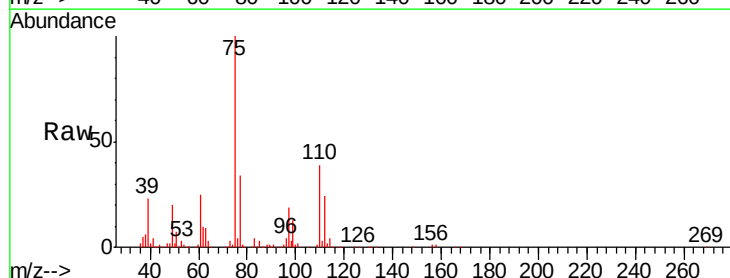
RT: 11.30 min Scan# 1664

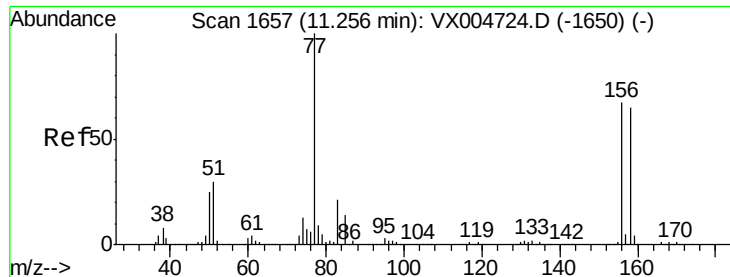
Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Tgt Ion:	75	Resp:	67798
Ion Ratio	Lower	Upper	
75	100		
77	38.6	21.4	64.3





#77

Bromobenzene

Concen: 17.73 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

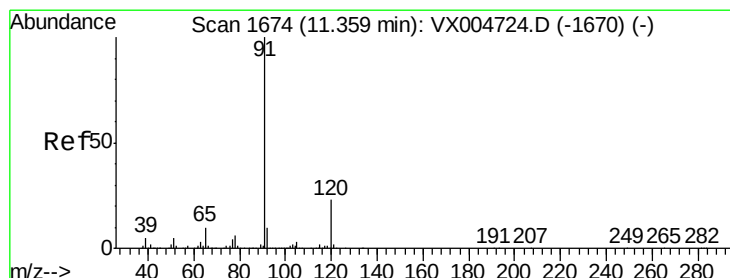
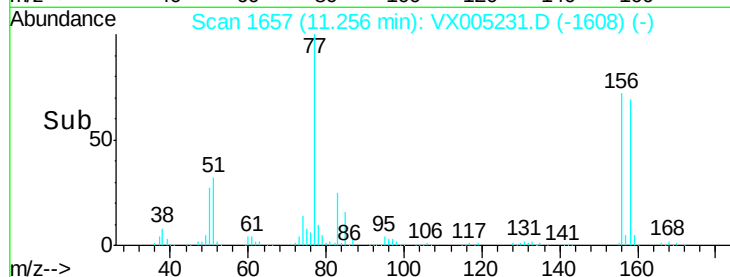
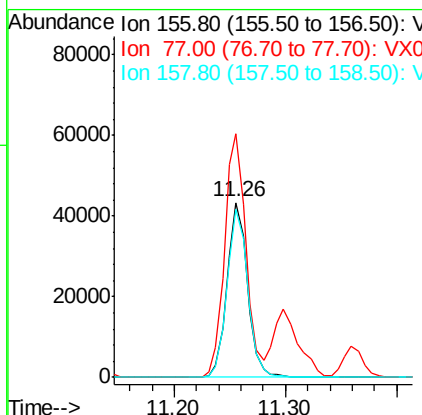
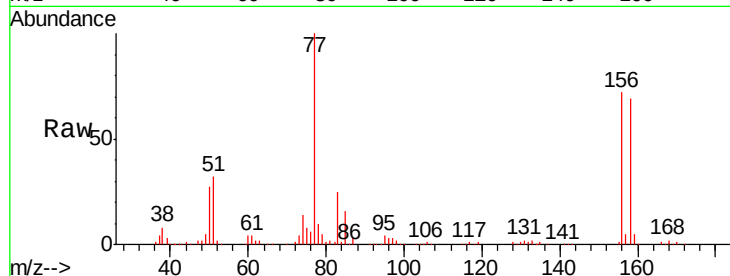
ClientSampleId :

VX1010WBS04

Tgt Ion	Ratio	Lower	Upper
156	100		
77	145.3	73.4	220.2
158	98.0	49.1	147.4

Manual Integrations
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10/12/2018 11:45:02 AM



#78

n-propylbenzene

Concen: 18.47 ug/l

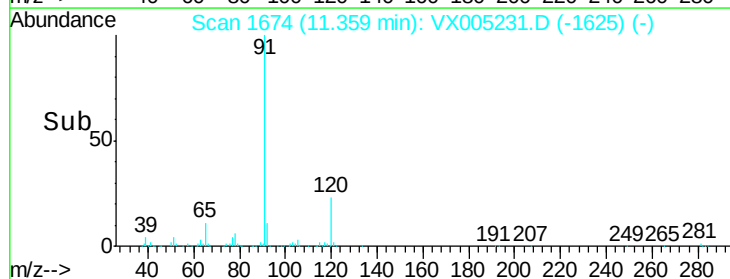
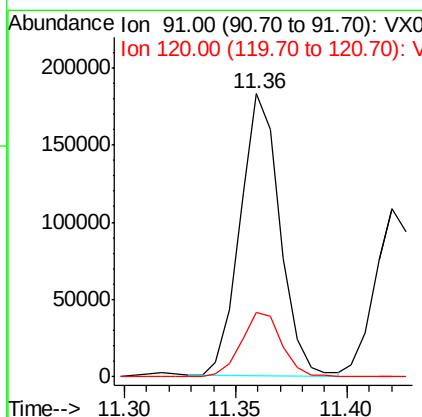
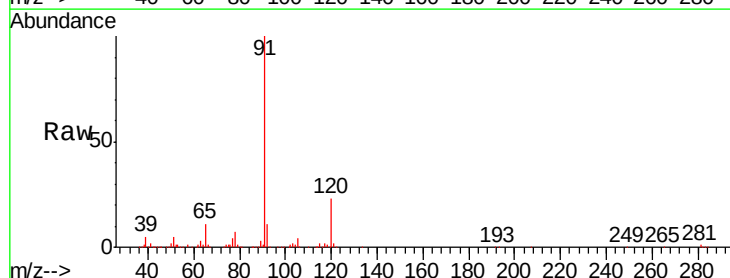
RT: 11.36 min Scan# 1674

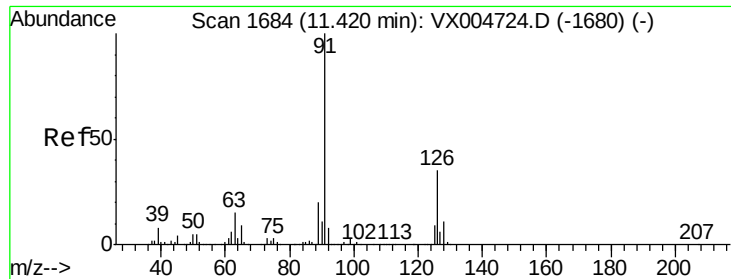
Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	12.0	36.0





#79

2-Chlorotoluene

Concen: 18.10 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS04

Tgt Ion: 91 Resp: 138493

Ion Ratio Lower Upper

91 100

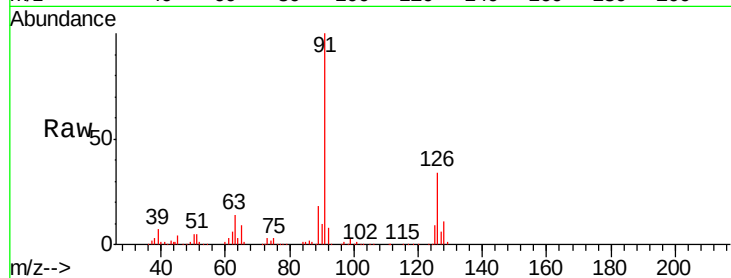
126 35.5 17.6 52.9

Manual Integrations

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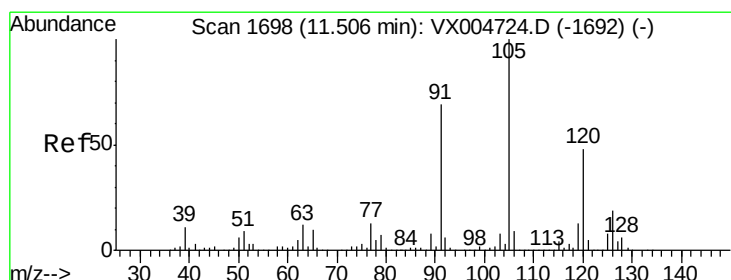
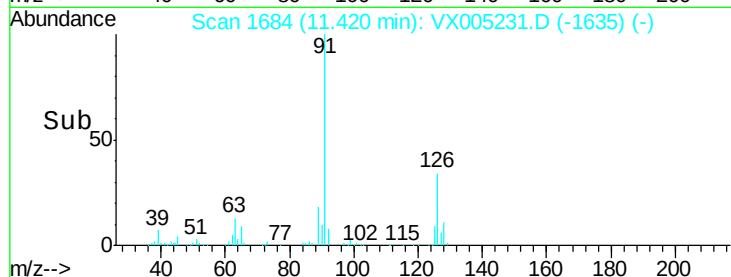
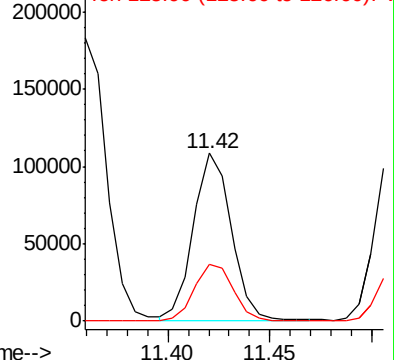
MMDadoda

10/12/2018 11:45:02 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 17.28 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005231.D

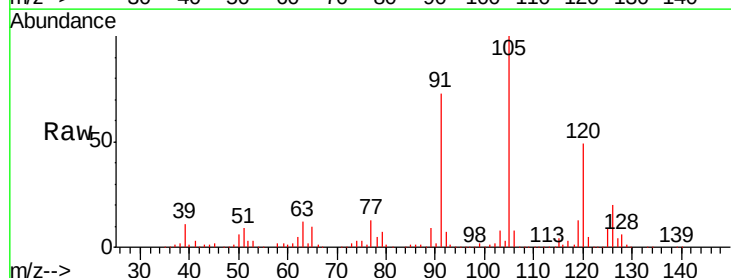
Acq: 11 Oct 2018 04:04

Tgt Ion: 105 Resp: 170690

Ion Ratio Lower Upper

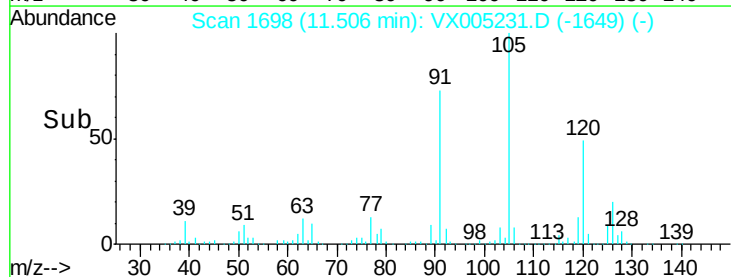
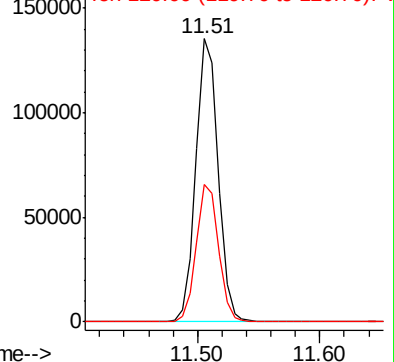
105 100

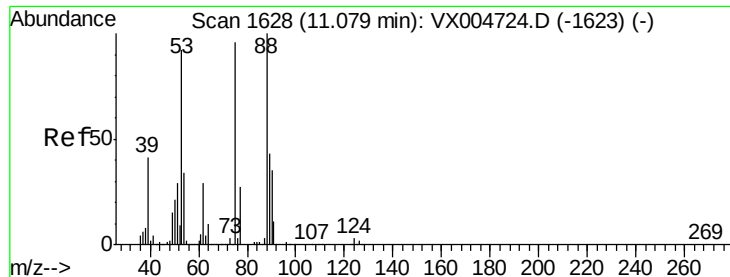
120 48.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 13.25 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

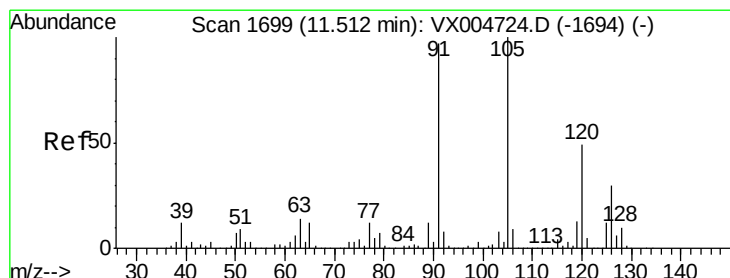
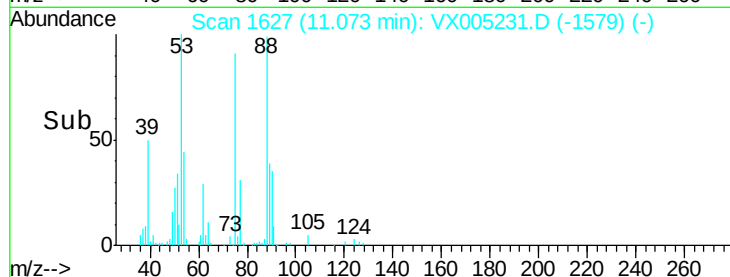
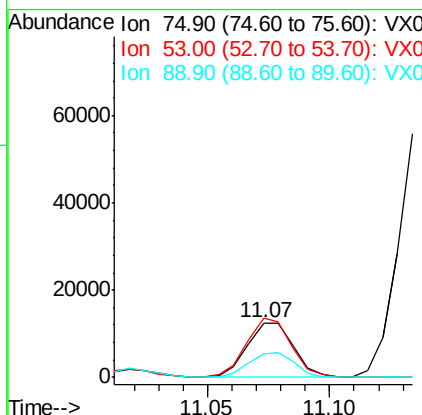
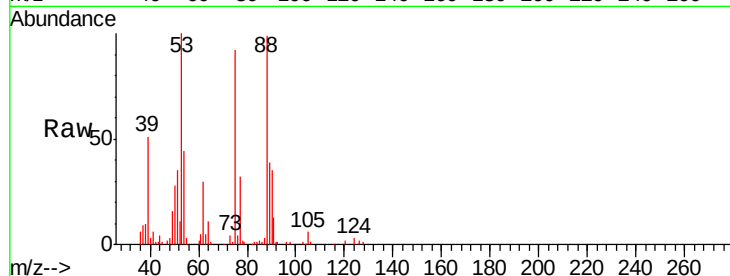
ClientSampleId :

VX1010WBS04

Tgt Ion:	75	Resp:	16355
Ion	Ratio	Lower	Upper
75	100		
53	105.7	80.2	120.4
89	46.2	37.1	55.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.18 ug/l

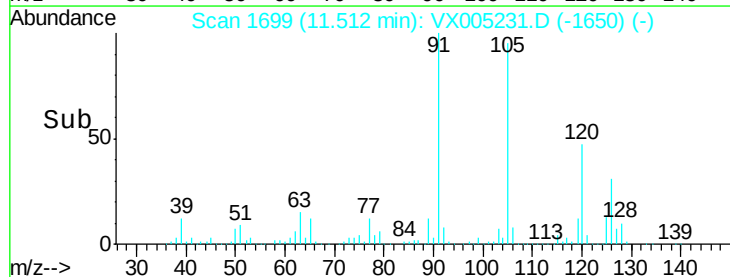
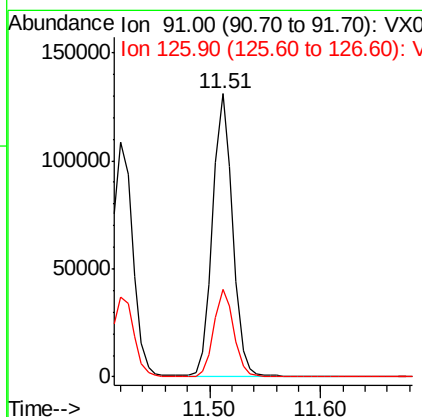
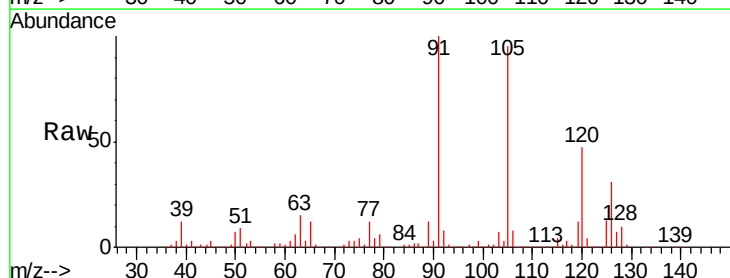
RT: 11.51 min Scan# 1699

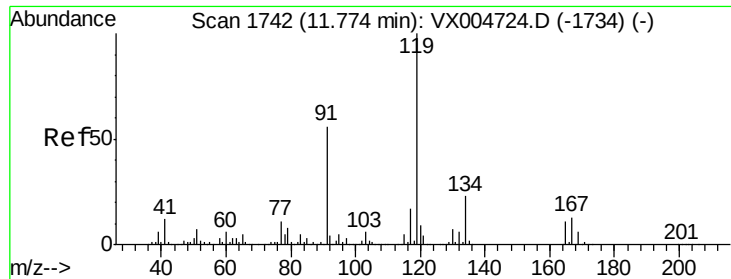
Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Tgt Ion:	91	Resp:	163743
Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.5	46.5





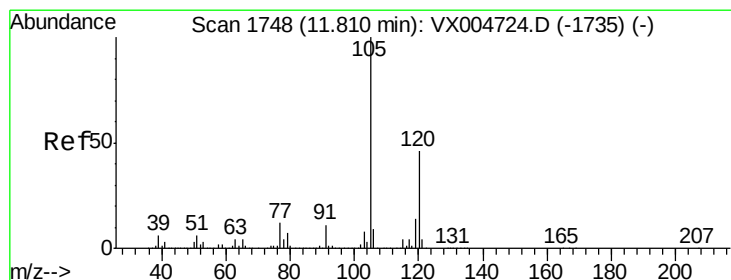
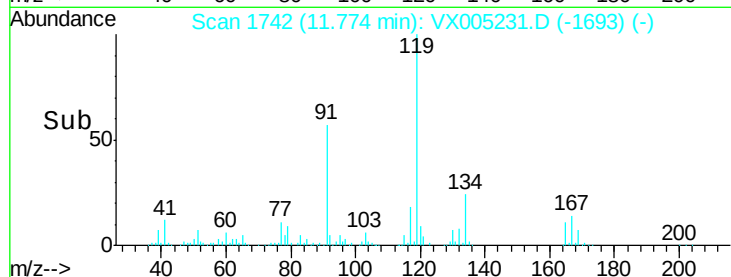
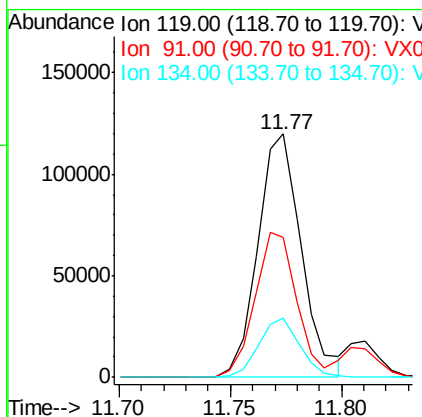
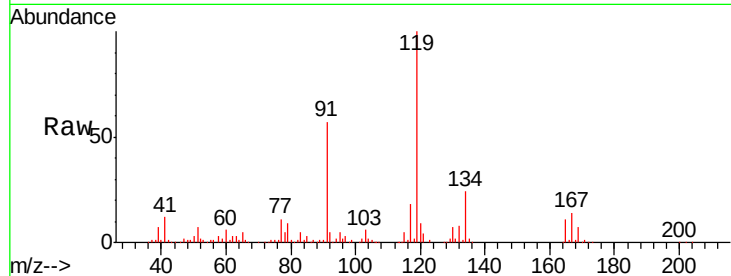
#83
 tert-Butylbenzene
 Concen: 18.54 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005231.D
 Acq: 11 Oct 2018 04:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS04

Tgt Ion	Ratio	Lower	Upper
119	100		
91	57.0	27.5	82.5
134	23.2	11.5	34.4

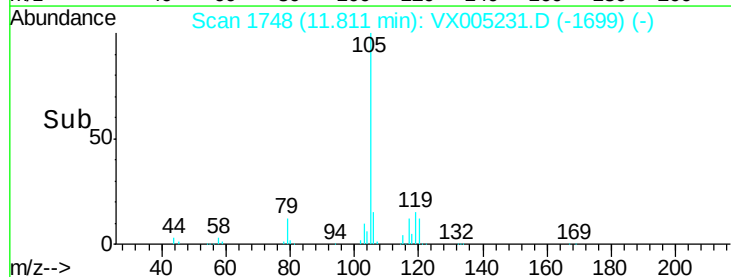
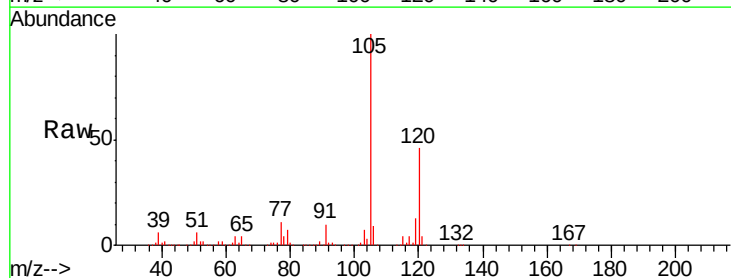
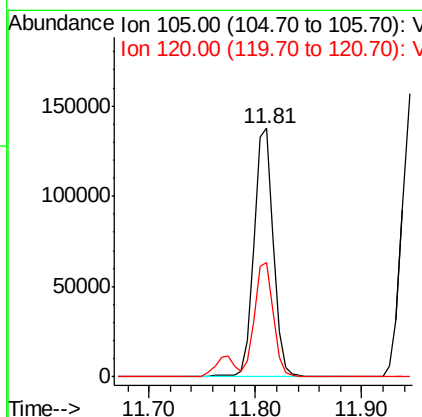
Manual Integrations
 APPROVED

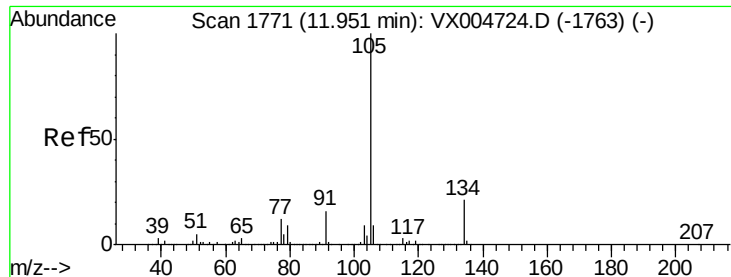
MMDadoda
 10/12/2018 11:45:02 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 17.24 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005231.D
 Acq: 11 Oct 2018 04:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.8	68.3





#85

sec-Butylbenzene

Concen: 18.55 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS04

Tgt Ion:105 Resp: 198969

Ion Ratio Lower Upper

105 100

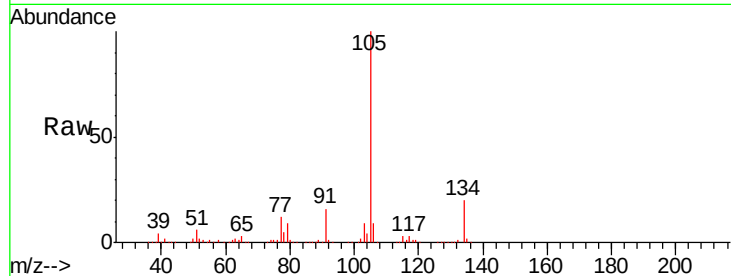
134 20.6 10.2 30.4

Manual Integrations

APPROVED

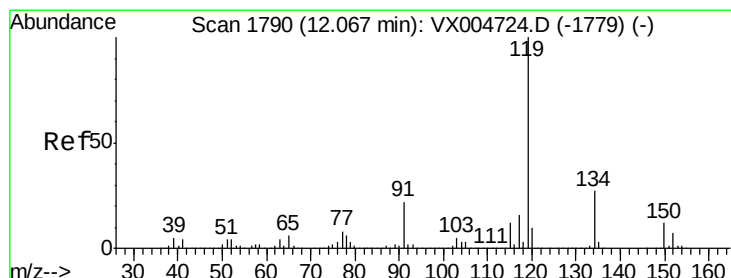
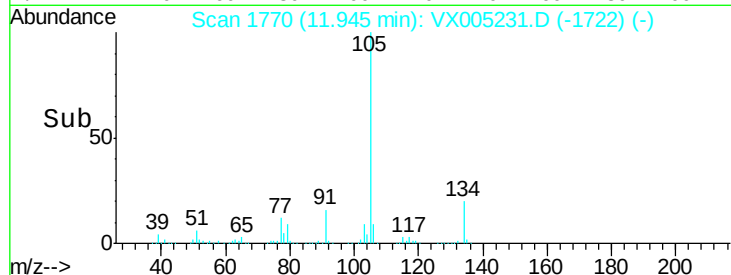
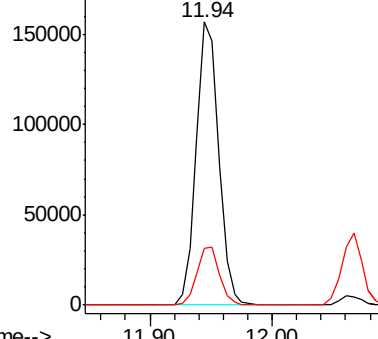
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.16 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

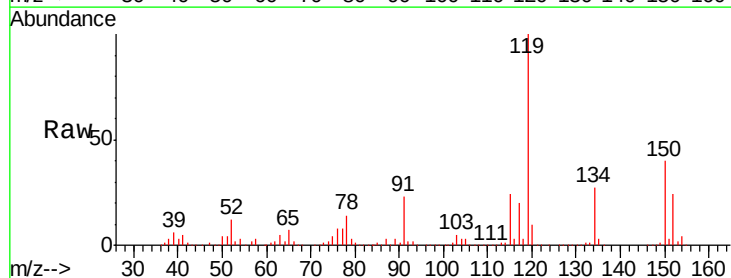
Tgt Ion:119 Resp: 176479

Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.1

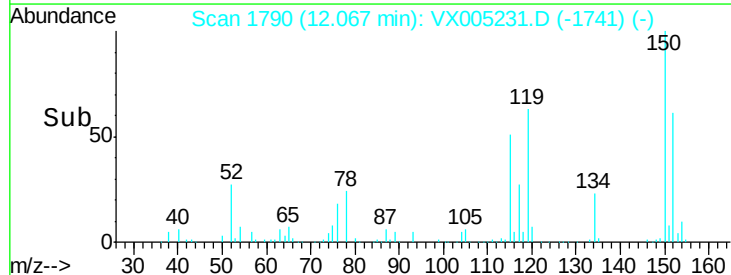
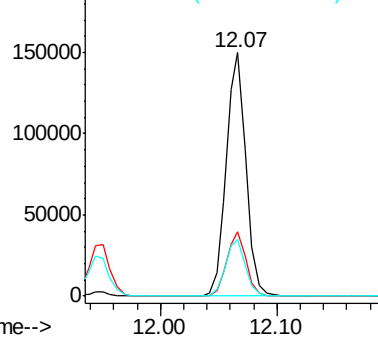
91 23.4 11.5 34.4

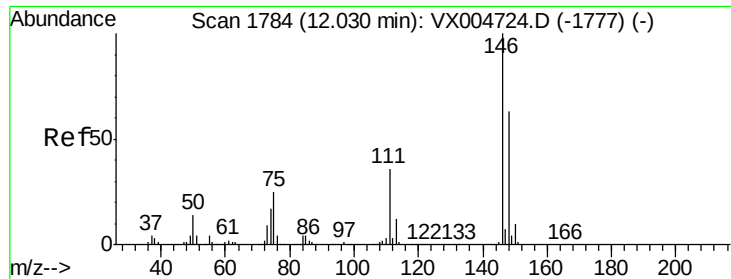


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





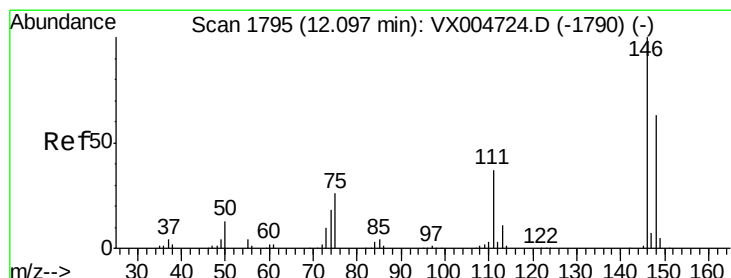
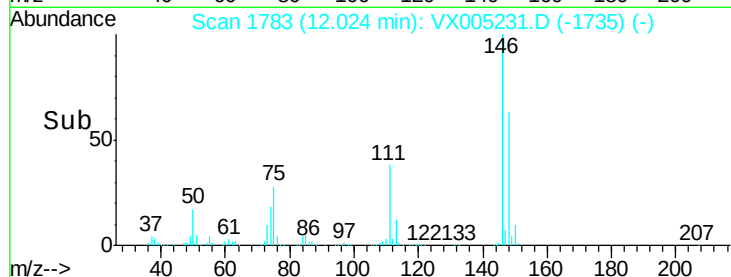
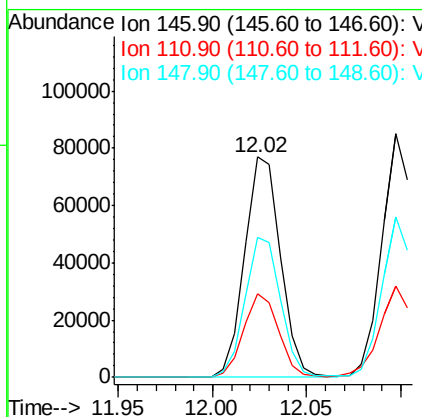
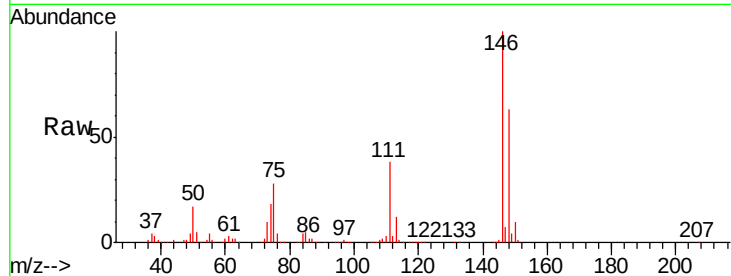
#87
 1,3-Dichlorobenzene
 Concen: 17.55 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX005231.D
 Acq: 11 Oct 2018 04:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.9	56.9
148	63.2	31.8	95.3

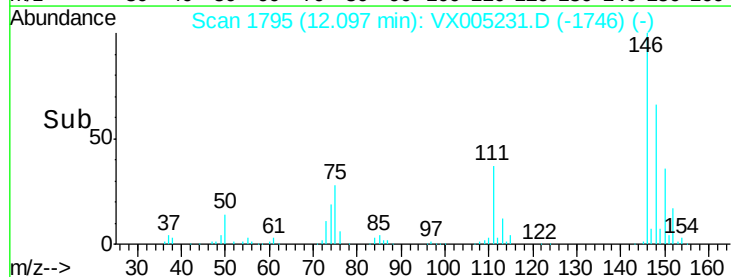
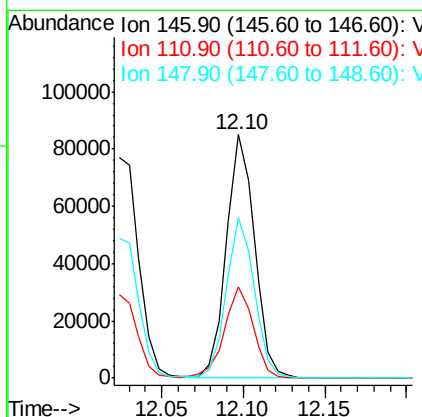
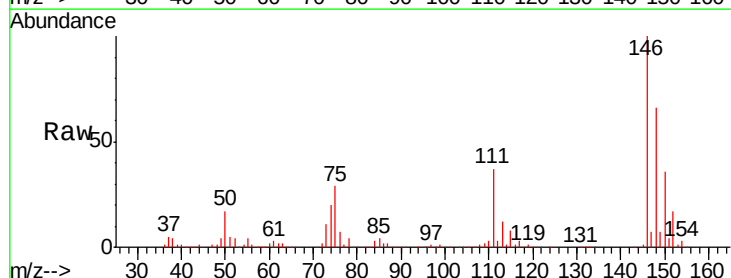
Manual Integrations
 APPROVED

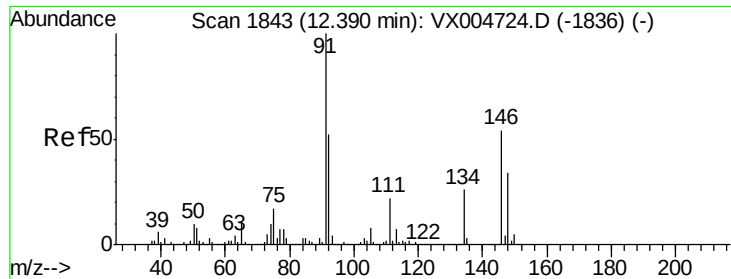
MMDadoda
 10/12/2018 11:45:02 AM



#88
 1,4-Dichlorobenzene
 Concen: 17.11 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005231.D
 Acq: 11 Oct 2018 04:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.4	55.2
148	65.7	32.0	96.0





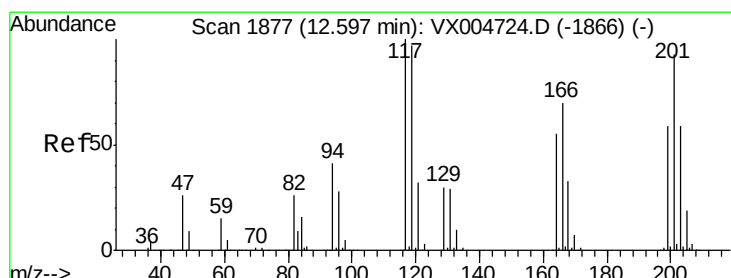
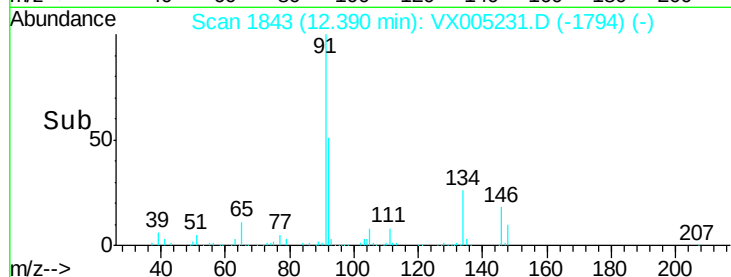
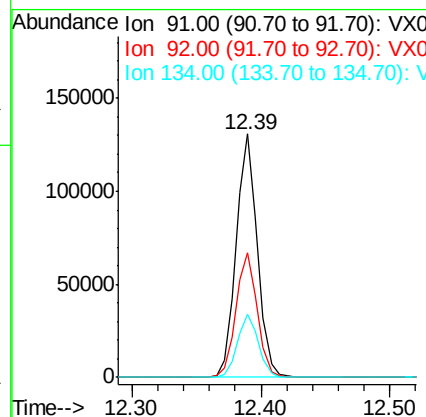
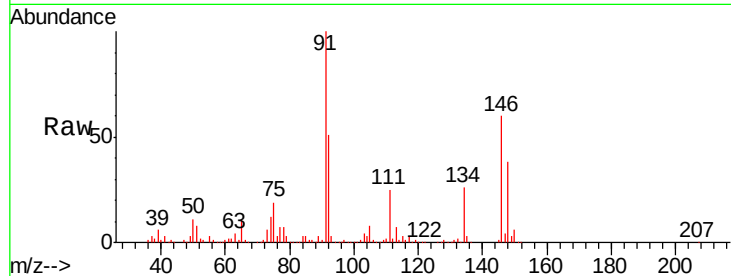
#89
n-Butylbenzene
Concen: 17.07 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS04

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.0	78.0
134	25.7	13.2	39.6

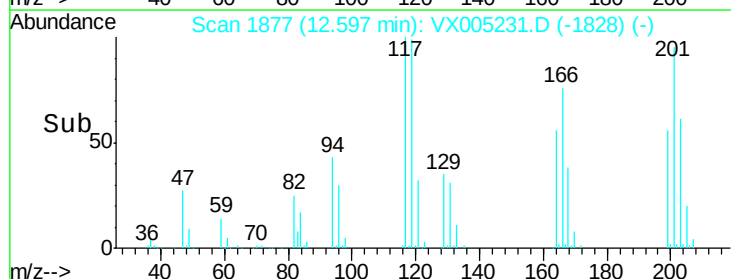
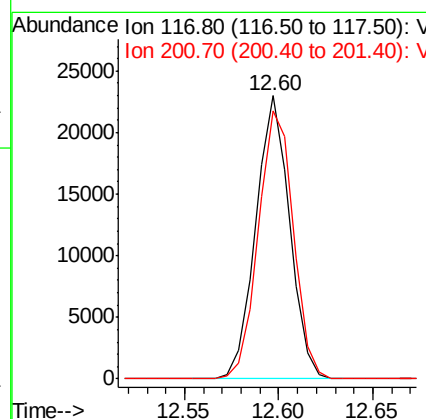
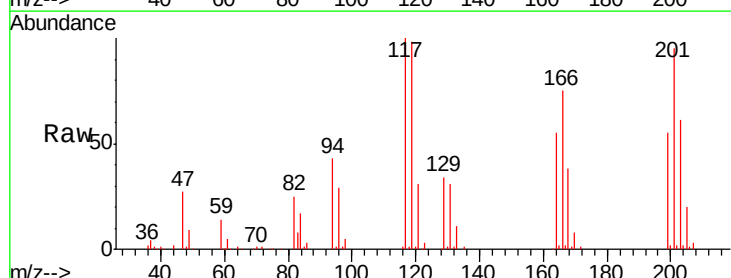
Manual Integrations
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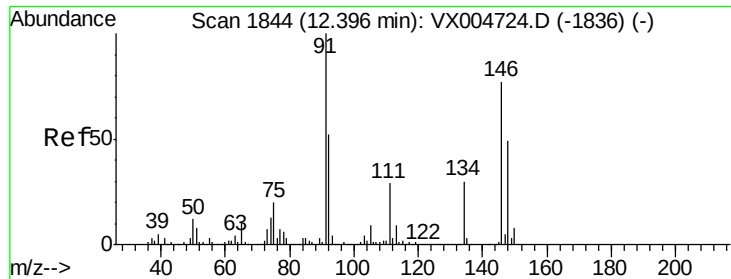
MMDadoda
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#90
Hexachloroethane
Concen: 17.67 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	97.9	48.4	145.0





#91

1,2-Dichlorobenzene

Concen: 16.82 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

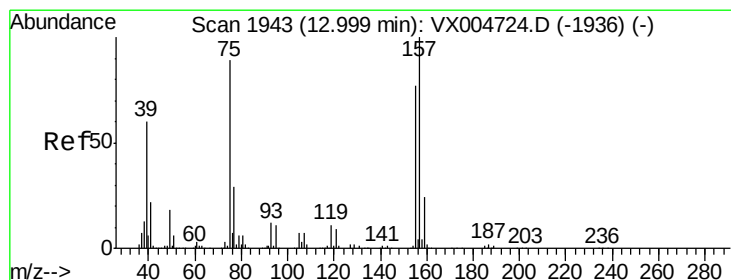
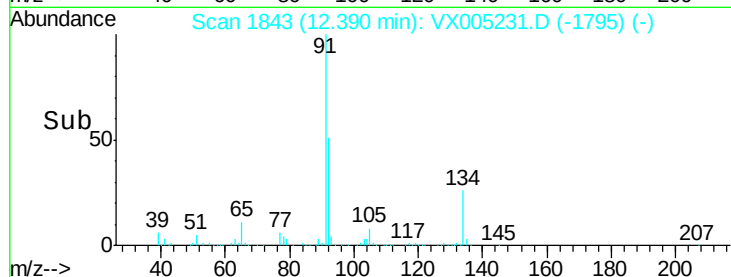
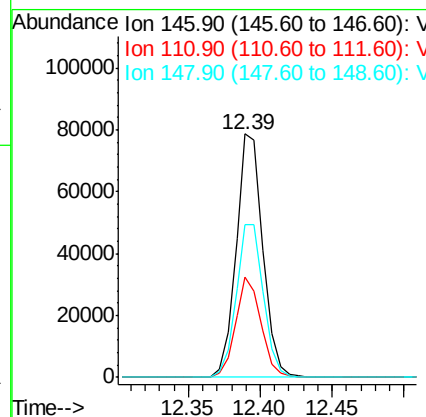
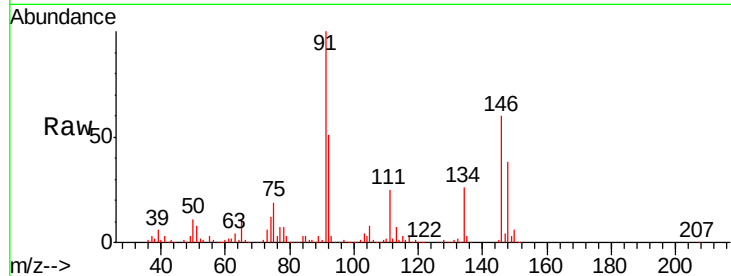
ClientSampleId :

VX1010WBS04

Tgt Ion:	146	Resp:	101980
Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.7
148	64.3	31.8	95.4

Manual Integrations
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10/12/2018 11:45:02 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.16 ug/l

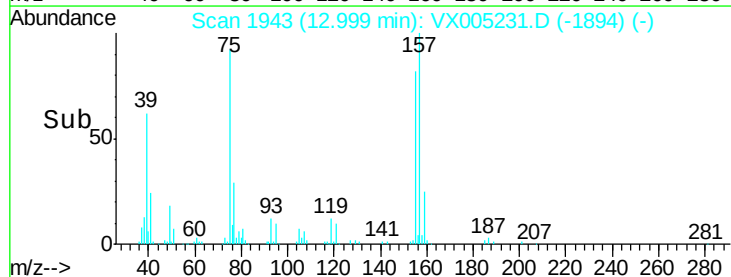
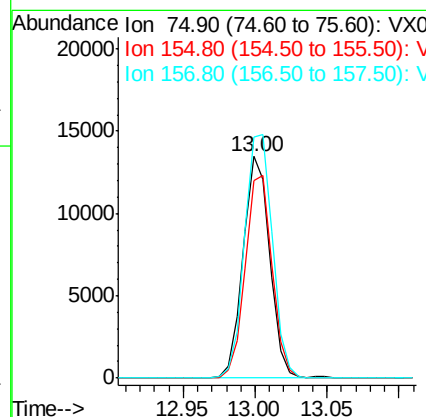
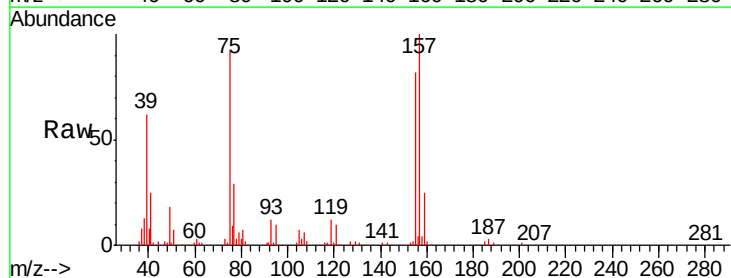
RT: 13.00 min Scan# 1943

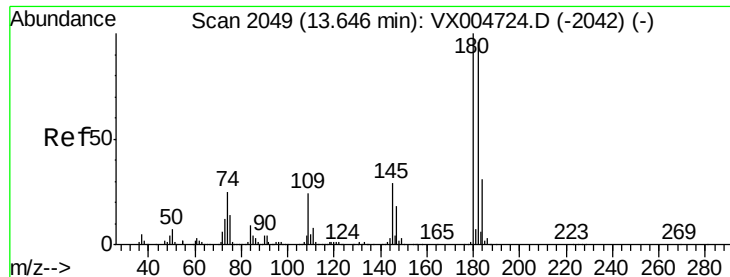
Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Tgt Ion:	75	Resp:	17360
Ion	Ratio	Lower	Upper
75	100		
155	91.4	46.1	138.3
157	114.3	60.2	180.6





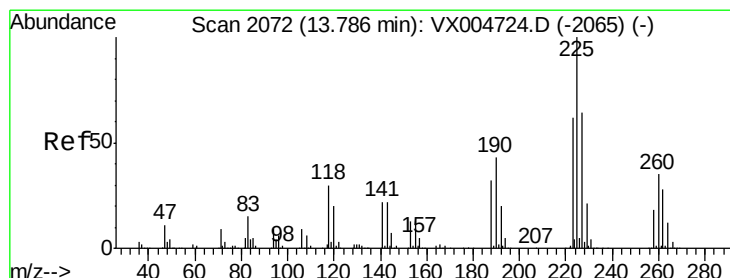
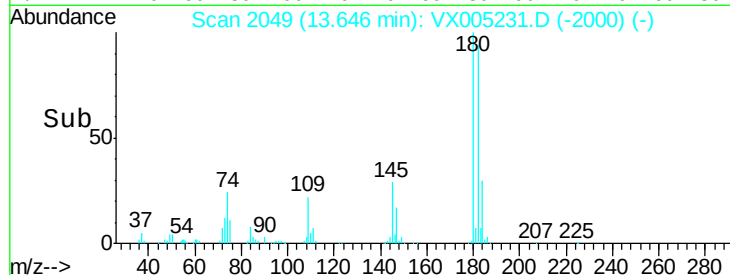
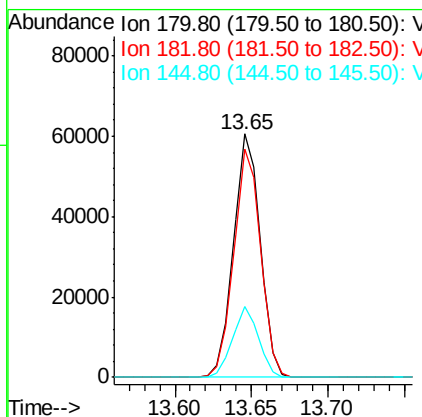
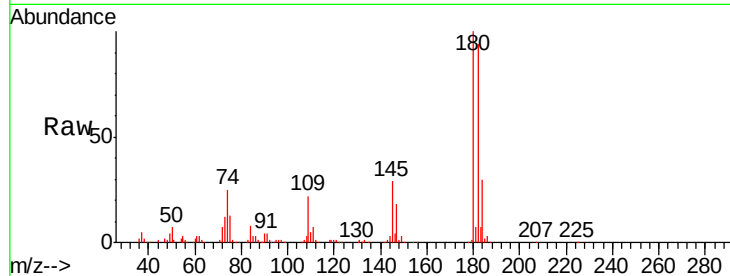
#93
1,2,4-Trichlorobenzene
Concen: 17.21 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.8	143.4
145	28.4	14.1	42.4

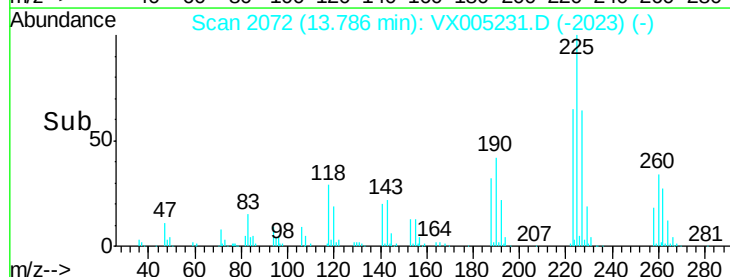
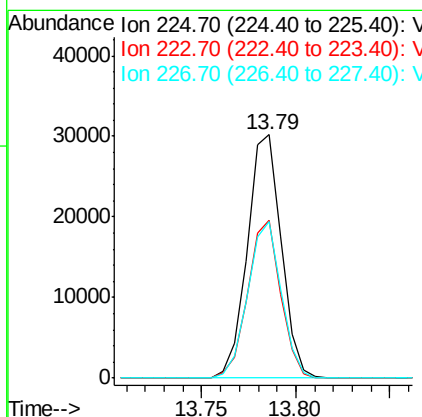
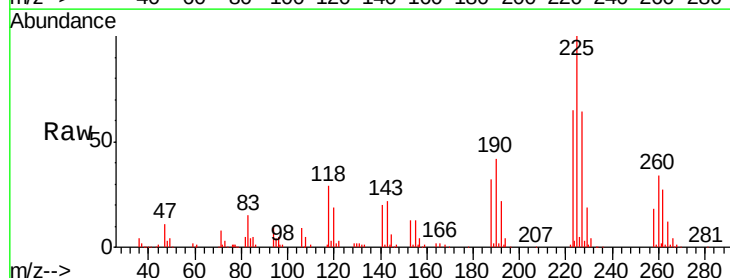
Manual Integrations
APPROVED

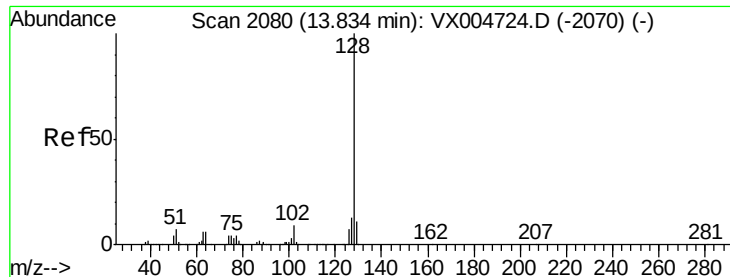
MMDadoda
10/12/2018 11:45:02 AM



#94
Hexachlorobutadiene
Concen: 17.11 ug/l
RT: 13.79 min Scan# 2072
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.3	93.8
227	63.3	31.9	95.5





#95

Naphthalene

Concen: 16.20 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

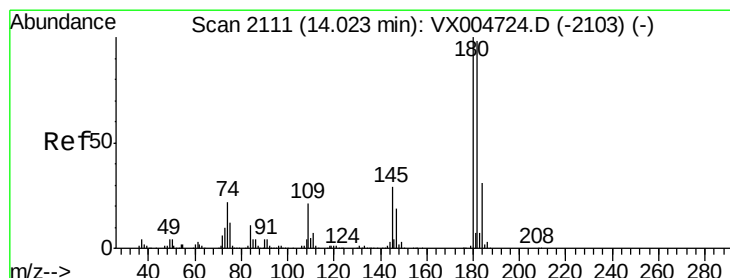
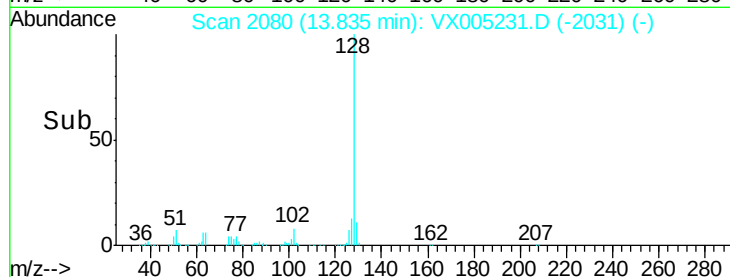
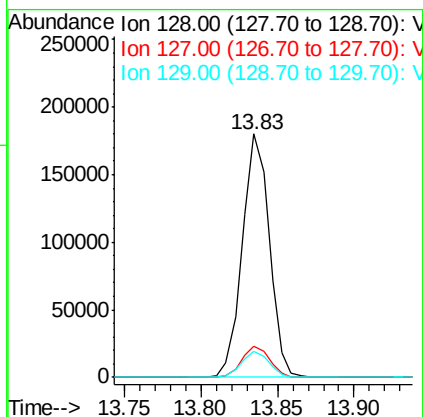
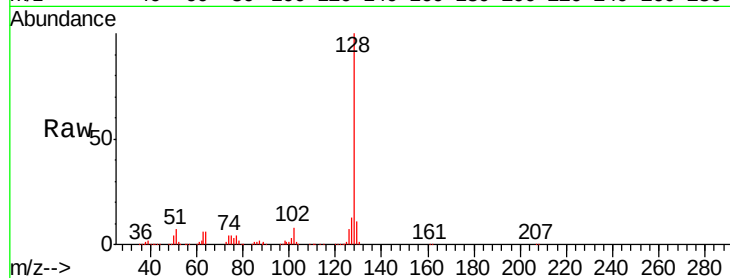
ClientSampleId :

VX1010WBS04

Tgt Ion:	128	Resp:	221743
Ion Ratio		Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/12/2018 11:45:02 AM



#96

1,2,3-Trichlorobenzene

Concen: 17.32 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Tgt Ion:	180	Resp:	76087
Ion Ratio		Lower	Upper
180	100		
182	97.3	47.9	143.8
145	29.7	15.0	45.0

