

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003788.D
 Acq On : 01 Aug 2018 08:55
 Operator : JC/SP
 Sample : J4164-03MS
 Misc : 10.42G/5.0mL/MSVOA X/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(7-9)MS

Manual Integrations
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 8/1/2018 6:54:58 PM

Quant Time: Aug 01 11:43:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	70891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	92635	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	71820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	25653	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	42064	58.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.34%	
35) Dibromofluoromethane	5.50	113	37148	68.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	136.20%	
50) Toluene-d8	8.72	98	118825	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
62) 4-Bromofluorobenzene	11.14	95	31320	37.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	33208	55.50	ug/l	96
3) Chloromethane	1.32	50	45571	60.59	ug/l	99
4) Vinyl Chloride	1.40	62	43827	54.17	ug/l #	83
5) Bromomethane	1.64	94	23116	52.49	ug/l	96
6) Chloroethane	1.72	64	29247	54.67	ug/l	92
7) Trichlorofluoromethane	1.93	101	59916	56.48	ug/l	98
8) Diethyl Ether	2.19	74	27489	68.56	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	38668	57.46	ug/l	98
10) Methyl Iodide	2.51	142	19886	25.70	ug/l	100
11) Tert butyl alcohol	3.07	59	28171	242.65	ug/l	99
12) 1,1-Dichloroethene	2.37	96	33451	52.79	ug/l	90
13) Acrolein	2.29	56	117	3.08	ug/l #	11
14) Allyl chloride	2.72	41	44854	39.93	ug/l	98
15) Acrylonitrile	3.15	53	67515	228.67	ug/l	97
16) Acetone	2.45	43	98559	359.88	ug/l	99
17) Carbon Disulfide	2.57	76	76599	37.15	ug/l	99
18) Methyl Acetate	2.78	43	72282	93.92	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	125221	72.60	ug/l	99
20) Methylene Chloride	2.85	84	42271	59.20	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	29891	43.05	ug/l	97
22) Diisopropyl ether	3.86	45	140574	69.33	ug/l	94
23) Vinyl Acetate	3.82	43	65046	44.48	ug/l	98
24) 1,1-Dichloroethane	3.70	63	76753	64.91	ug/l	95
25) 2-Butanone	4.69	43	105996	265.50	ug/l	100
26) 2,2-Dichloropropane	4.58	77	39764	42.70	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	37771	50.48	ug/l	98
28) Bromochloromethane	5.02	49	31826	60.00	ug/l	93
29) Tetrahydrofuran	5.15	42	66519	261.45	ug/l	97
30) Chloroform	5.21	83	72469	62.19	ug/l	96
31) Cyclohexane	5.57	56	55575	48.65	ug/l #	89
32) 1,1,1-Trichloroethane	5.50	97	59331	59.24	ug/l	97
36) 1,1-Dichloropropene	5.81	75	43551	50.20	ug/l	99
37) Ethyl Acetate	4.85	43	35324	53.01	ug/l	99
38) Carbon Tetrachloride	5.78	117	39818	49.62	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	42467	39.87	ug/l	93
40) Benzene	6.15	78	151387	60.89	ug/l	99
41) Methacrylonitrile	5.06	41	23158	61.65	ug/l	99
42) 1,2-Dichloroethane	6.20	62	50608	67.40	ug/l	96
43) Isopropyl Acetate	6.46	43	60925	57.38	ug/l	97
44) Trichloroethene	7.22	130	31872	44.94	ug/l	92
45) 1,2-Dichloropropane	7.52	63	40358	66.01	ug/l	95
46) Dibromomethane	7.67	93	18321	52.00	ug/l	93
47) Bromodichloromethane	7.90	83	40901	58.26	ug/l	99
48) Methyl methacrylate	7.77	41	31870	59.84	ug/l	94
49) 1,4-Dioxane	7.75	88	10335	961.45	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	177765	272.43	ug/l	97
52) Toluene	8.79	92	79347	51.17	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	27882	34.77	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	32315	36.15	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	32974	61.78	ug/l	96
56) Ethyl methacrylate	9.18	69	41476	56.58	ug/l	93
57) 1,3-Dichloropropane	9.37	76	54002	60.28	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	93395	239.45	ug/l	97
59) 2-Hexanone	9.50	43	116010	233.37	ug/l	98
60) Dibromochloromethane	9.59	129	28997	53.95	ug/l	100
61) 1,2-Dibromoethane	9.68	107	26546	48.72	ug/l	100
64) Tetrachloroethene	9.34	164	37069	65.66	ug/l	98
65) Chlorobenzene	10.14	112	74881	49.89	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	36089	73.74	ug/l	99
67) Ethyl Benzene	10.26	91	153425	60.54	ug/l	100
68) m/p-Xylenes	10.36	106	115676	116.69	ug/l	98
69) o-Xylene	10.70	106	54801	59.53	ug/l	97
70) Styrene	10.71	104	54863	35.43	ug/l	92
71) Bromoform	10.86	173	18708	55.59	ug/l #	99
73) Isopropylbenzene	11.02	105	132584	82.56	ug/l	99
74) N-amyl acetate	6.46	43	60925	107.03	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	11.27	83	40911	97.99	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	34796m	98.41	ug/l	
77) Bromobenzene	11.26	156	28706	68.56	ug/l	95
78) n-propylbenzene	11.36	91	131029	67.35	ug/l	99
79) 2-Chlorotoluene	11.42	91	81680	73.95	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	100377	73.23	ug/l #	69
81) trans-1,4-Dichloro-2-buten	11.08	75	4228	35.42	ug/l	88
82) 4-Chlorotoluene	11.51	91	82807	61.81	ug/l	98
83) tert-Butylbenzene	11.77	119	94232	69.50	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	103180	73.13	ug/l	97
85) sec-Butylbenzene	11.95	105	102684	59.20	ug/l	98
86) p-Isopropyltoluene	12.07	119	91284	57.90	ug/l #	71
87) 1,3-Dichlorobenzene	12.03	146	41870	49.44	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	40389	46.74	ug/l	99
89) n-Butylbenzene	12.39	91	67721	45.13	ug/l	98
90) Hexachloroethane	12.60	117	8987	38.39	ug/l	94
91) 1,2-Dichlorobenzene	12.40	146	49320	62.53	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	6882	83.07	ug/l	95

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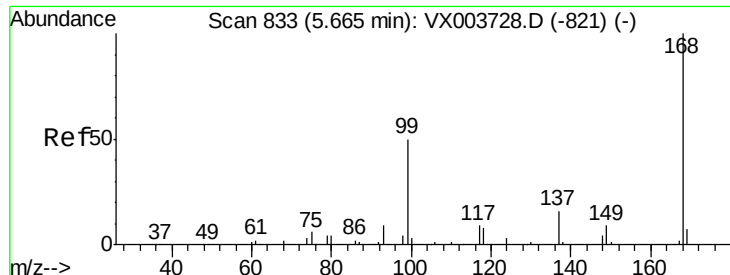
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	20351	32.53	ug/l	97
94) Hexachlorobutadiene	13.79	225	8936	22.33	ug/l	98
95) Naphthalene	13.83	128	84772	63.40	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	18550	32.66	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

Instrument :

MSVOA_X

ClientSampled :

SB-6(7-9)MS

Tot Ion:168 Resp: 70891

Ion Ratio Lower Upper

168 100

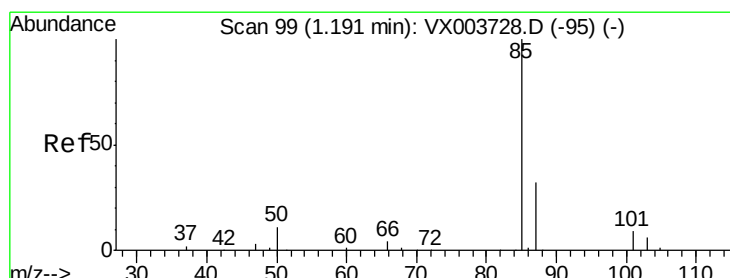
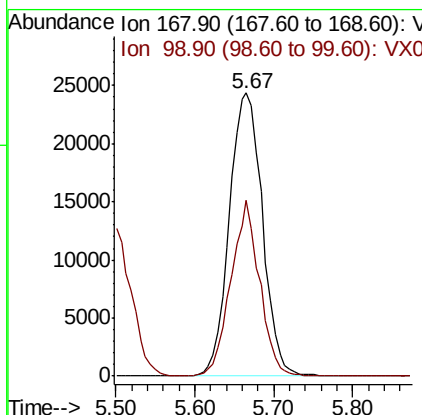
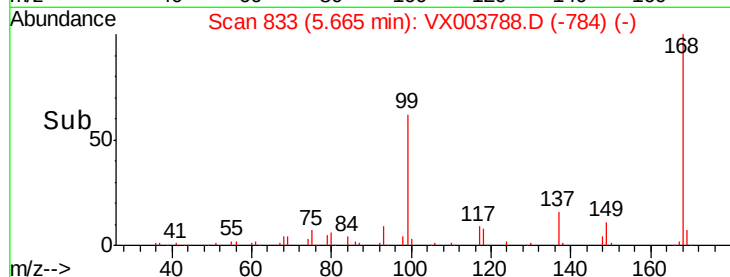
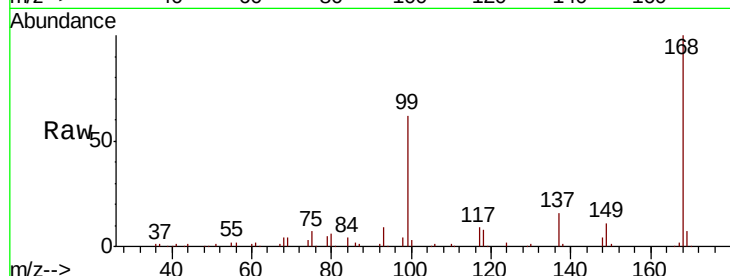
99 62.3 40.2 60.2#

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#2

Dichlorodifluoromethane

Concen: 55.50 ug/l

RT: 1.19 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX003788.D

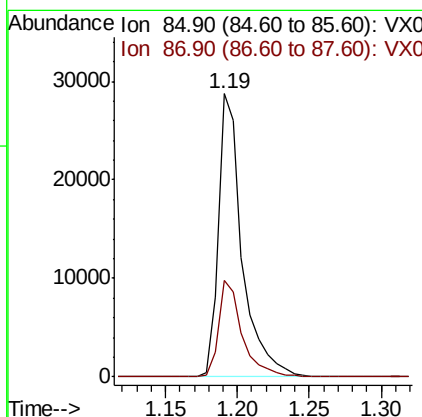
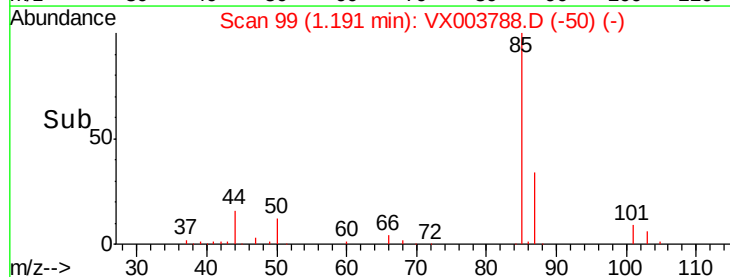
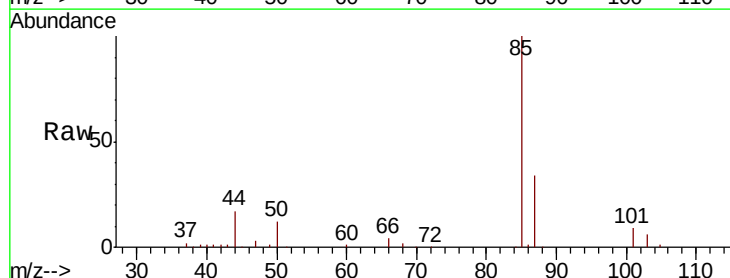
Acq: 01 Aug 2018 08:55

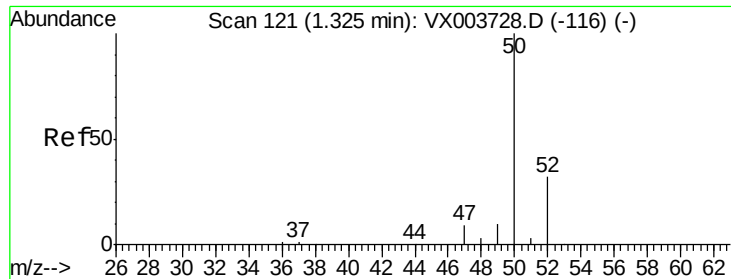
Tgt Ion: 85 Resp: 33208

Ion Ratio Lower Upper

85 100

87 34.1 16.1 48.2





#3

Chloromethane

Concen: 60.59 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

Instrument :

MSVOA_X

ClientSampleId :

SB-6(7-9)MS

Tot Ion: 50 Resp: 45571

Ion Ratio Lower Upper

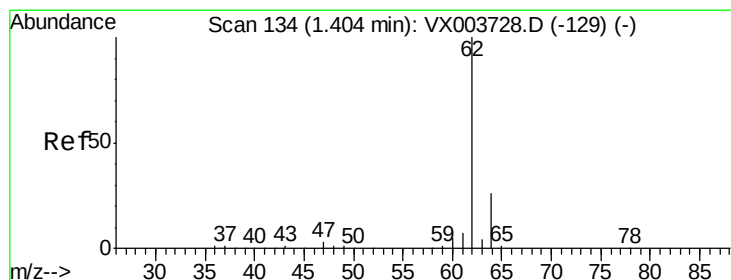
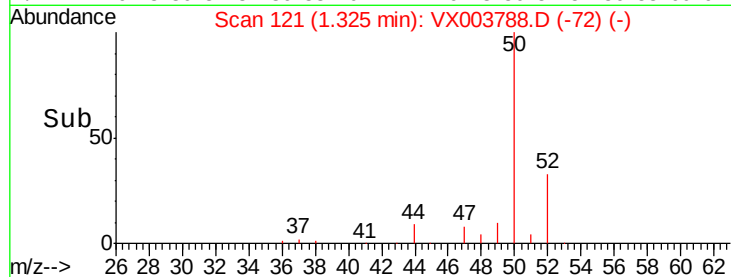
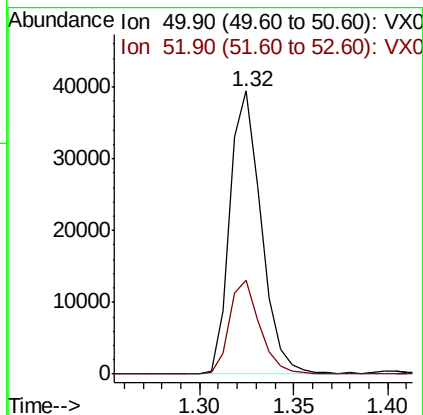
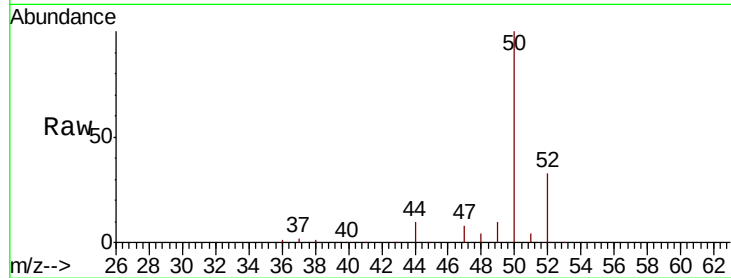
50 100

52 33.1 25.9 38.9

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#4

Vinyl Chloride

Concen: 54.17 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003788.D

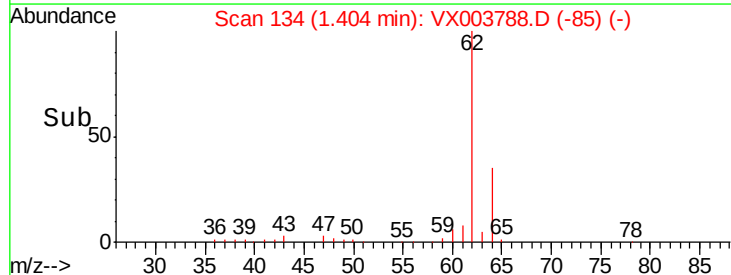
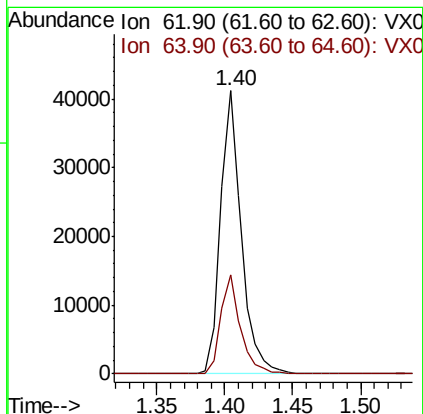
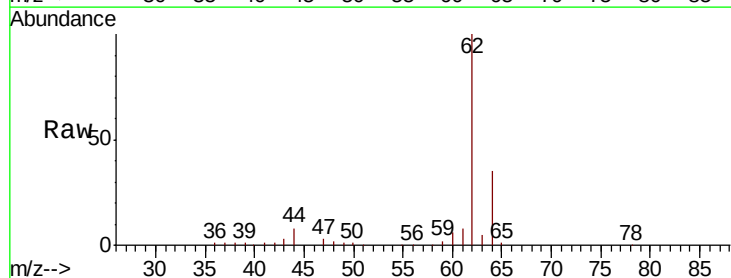
Acq: 01 Aug 2018 08:55

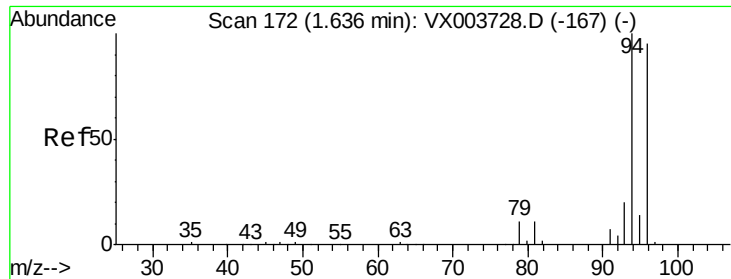
Tgt Ion: 62 Resp: 43827

Ion Ratio Lower Upper

62 100

64 34.8 21.0 31.4#





#5

Bromomethane

Concen: 52.49 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

Instrument :

MSVOA_X

ClientSampleId :

SB-6(7-9)MS

Tot Ion: 94 Resp: 23116

Ion Ratio Lower Upper

94 100

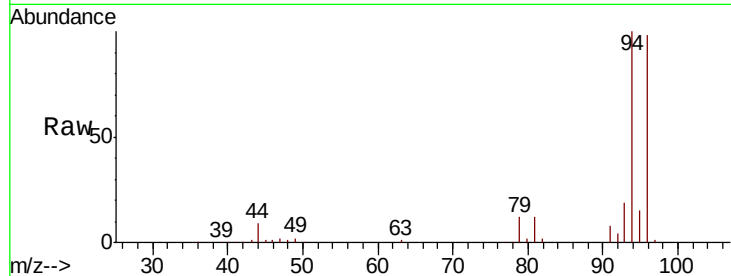
96 98.5 76.0 114.0

Manual Integrations

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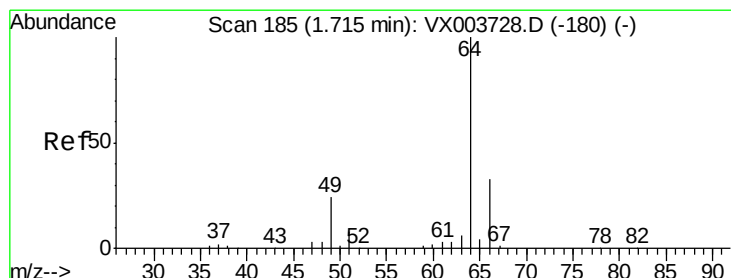
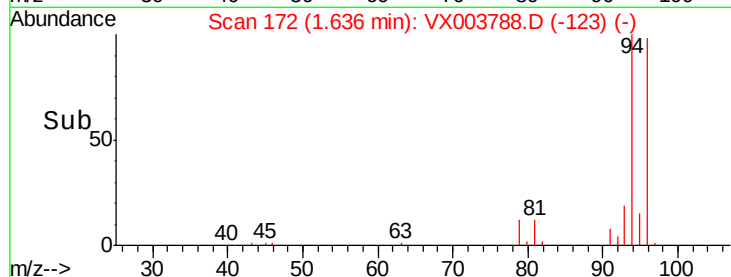
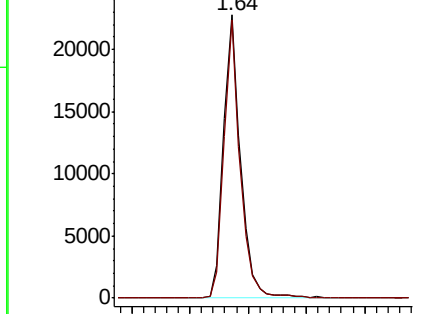
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.67 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003788.D

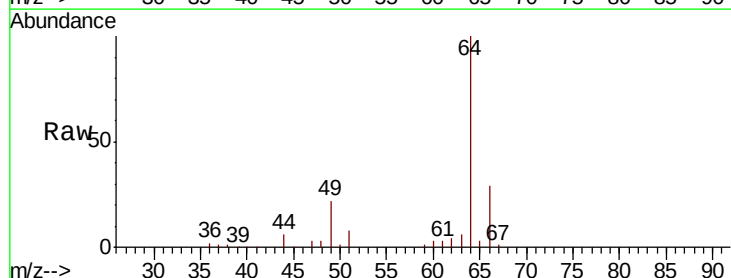
Acq: 01 Aug 2018 08:55

Tgt Ion: 64 Resp: 29247

Ion Ratio Lower Upper

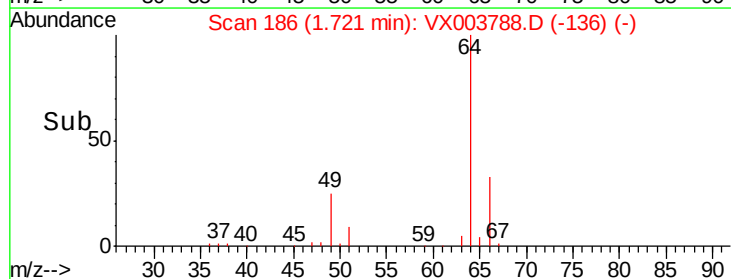
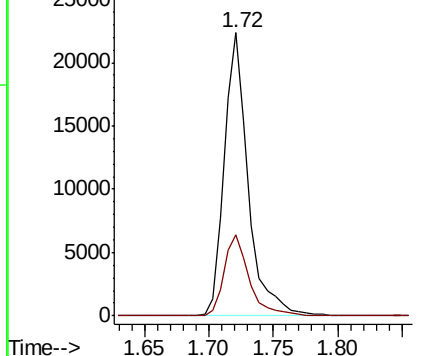
64 100

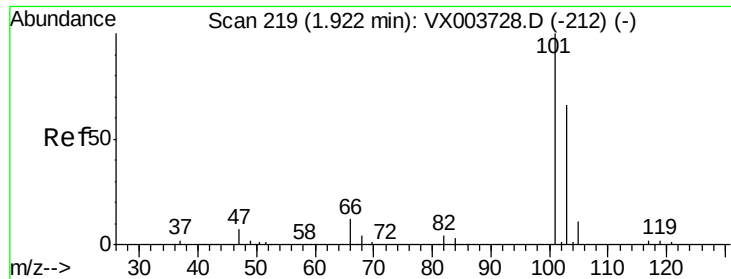
66 28.6 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

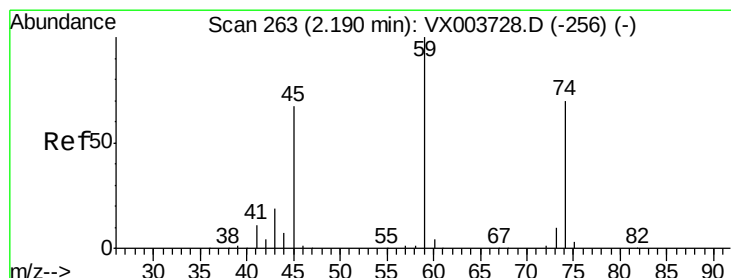
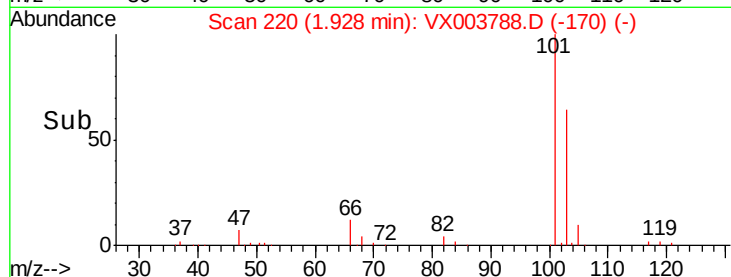
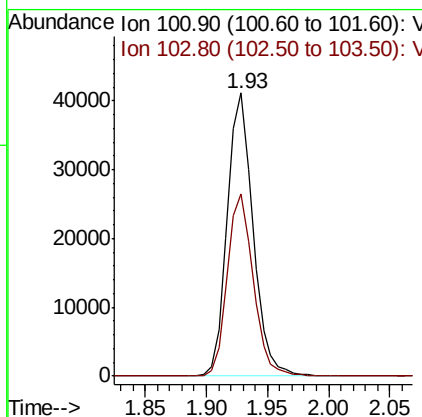
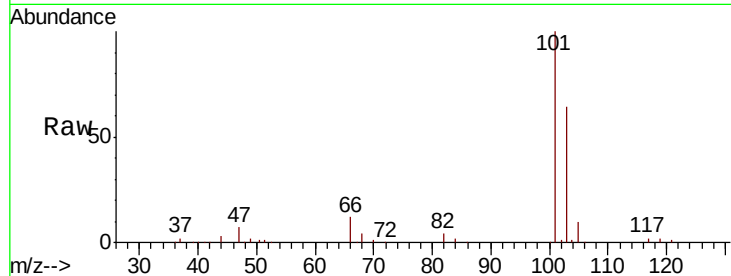
Trichlorofluoromethane
Concen: 56.48 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX003788.D
Acq: 01 Aug 2018 08:55

Instrument :
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SB-6(7-9)MS

Tot Ion:101 Resp: 59916
Ion Ratio Lower Upper
101 100
103 64.4 52.6 78.8

Manual Integrations
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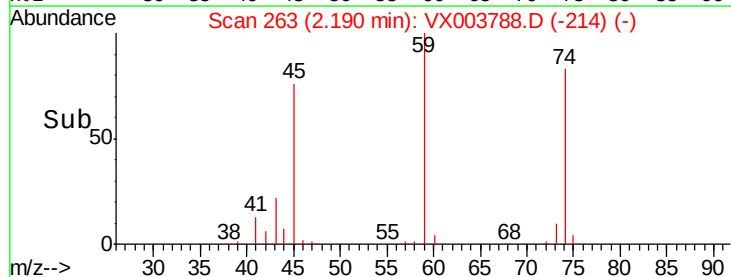
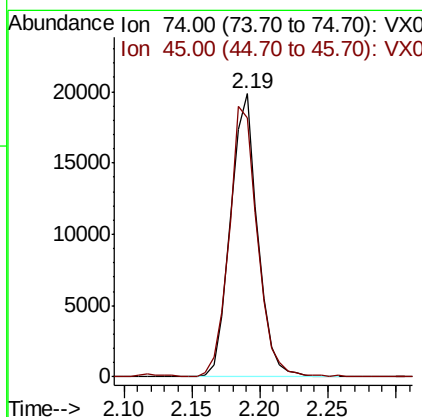
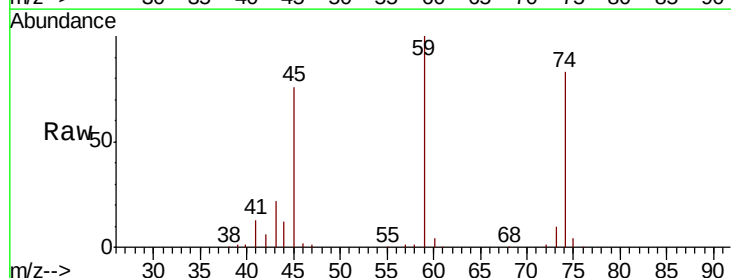
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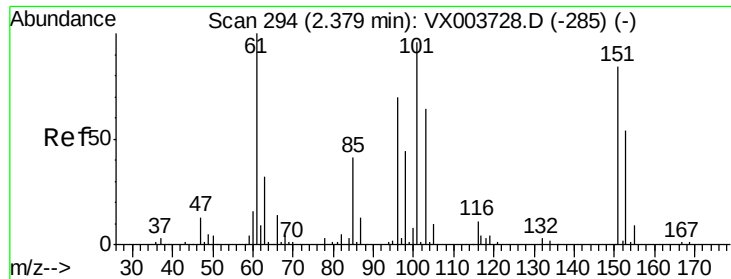


#8

Diethyl Ether
Concen: 68.56 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003788.D
Acq: 01 Aug 2018 08:55

Tgt Ion: 74 Resp: 27489
Ion Ratio Lower Upper
74 100
45 100.7 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 57.46 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003788.D

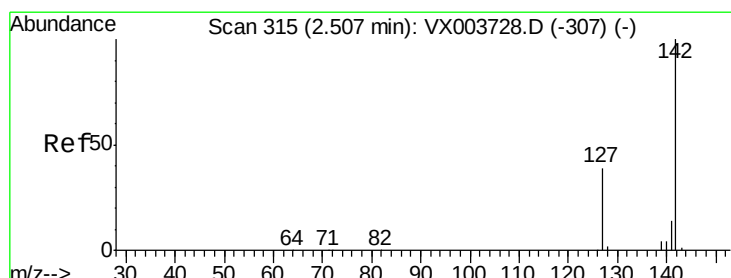
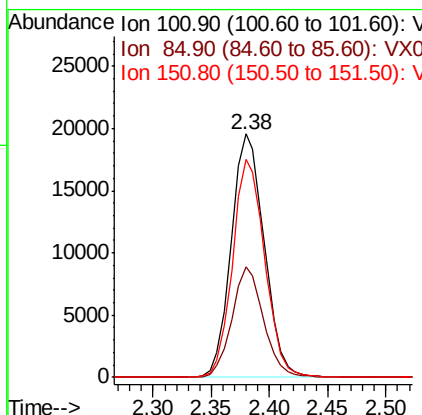
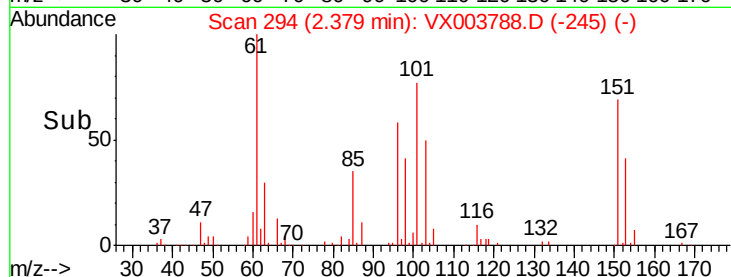
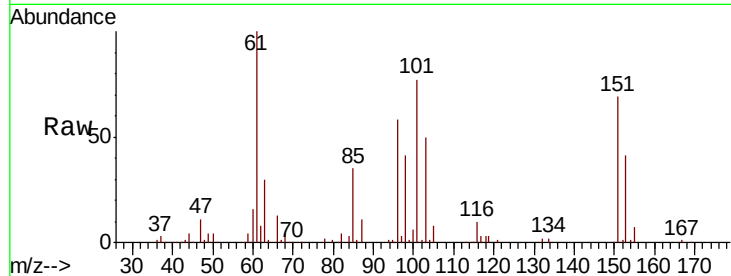
Acq: 01 Aug 2018 08:55

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MSVOA_X
ClientSampled :
SB-6(7-9)MS

Tot Ion	Ratio	Resp	Lower	Upper
101	100	38668		
85	43.3		33.3	49.9
151	87.4		68.8	103.2

Manual Integrations
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#10

Methyl Iodide

Concen: 25.70 ug/l

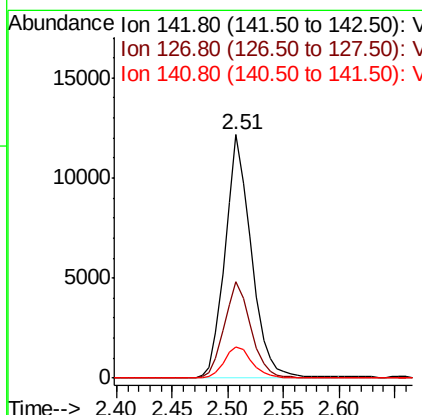
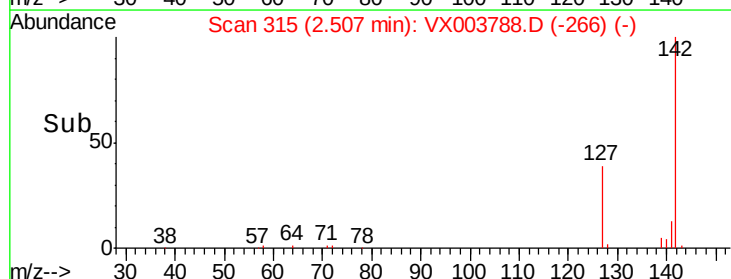
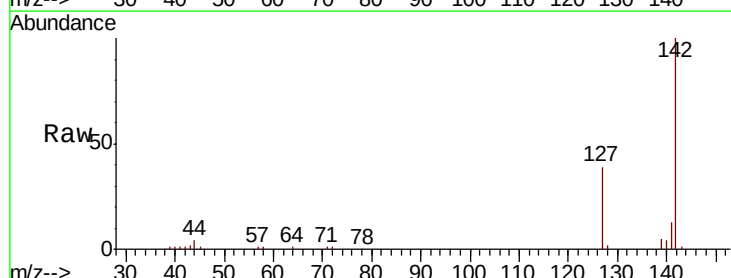
RT: 2.51 min Scan# 315

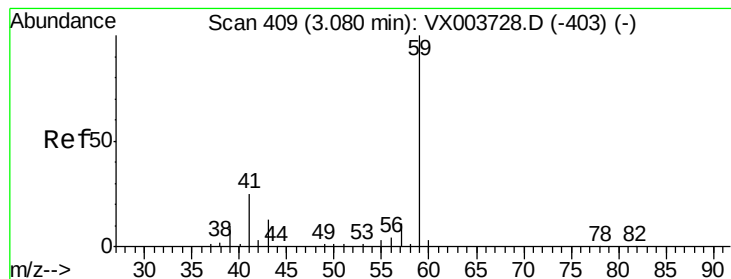
Delta R.T. 0.00 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	19886		
127	40.1		32.0	48.0
141	13.6		11.3	16.9





#11

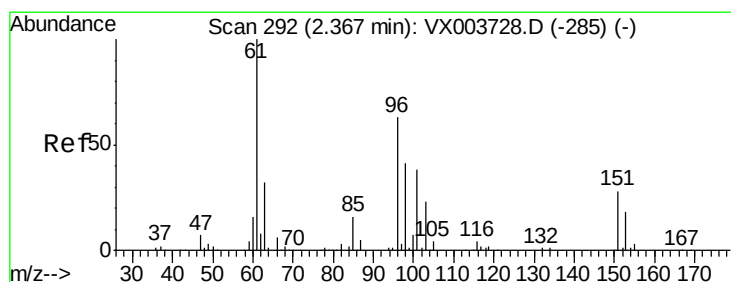
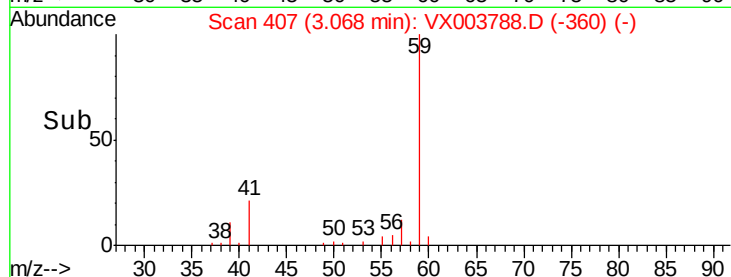
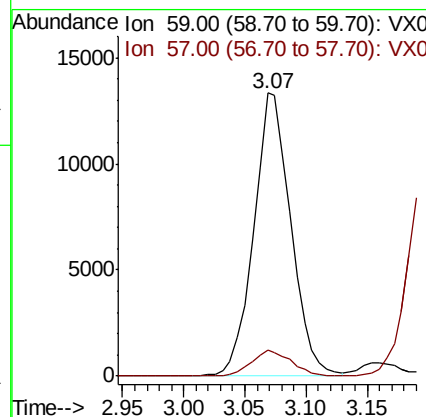
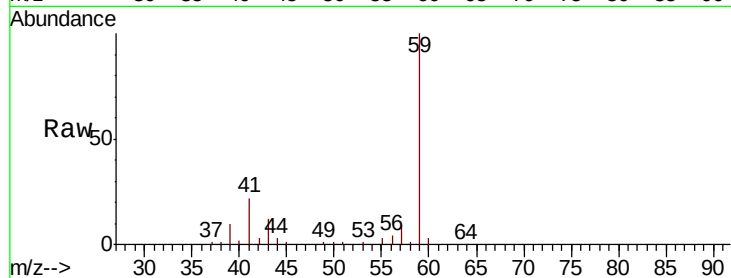
Tert butyl alcohol
 Concen: 242.65 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX003788.D
 Acq: 01 Aug 2018 08:55

Instrument :
 MSVOA_X
 ClientSampled :
 SB-6(7-9)MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.8	8.1	12.1

Manual Integrations
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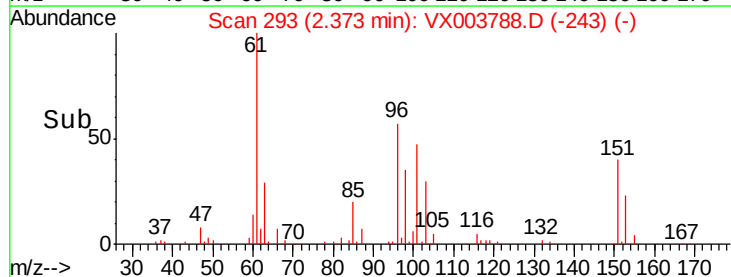
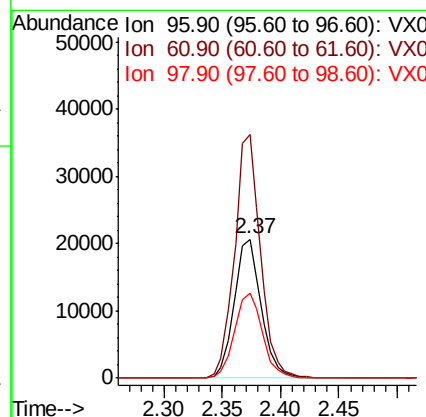
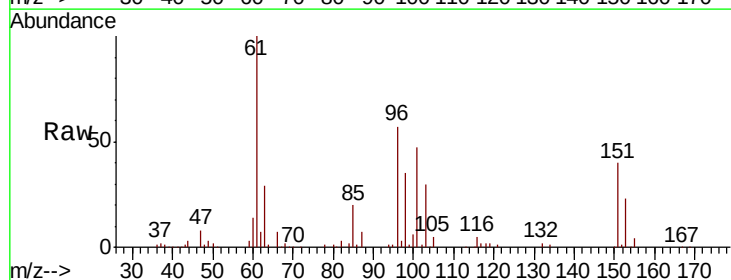
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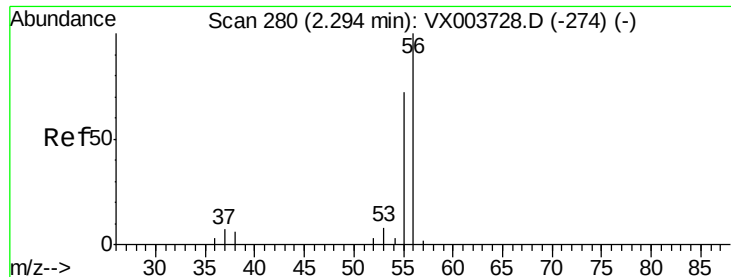


#12

1,1-Dichloroethene
 Concen: 52.79 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VX003788.D
 Acq: 01 Aug 2018 08:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.4	127.1	190.7
98	61.2	52.0	78.0





#13

Acrolein

Concen: 3.08 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

Instrument :

MSVOA_X

ClientSampled :

SB-6(7-9)MS

Tot Ion: 56 Resp: 117

Ion Ratio Lower Upper

56 100

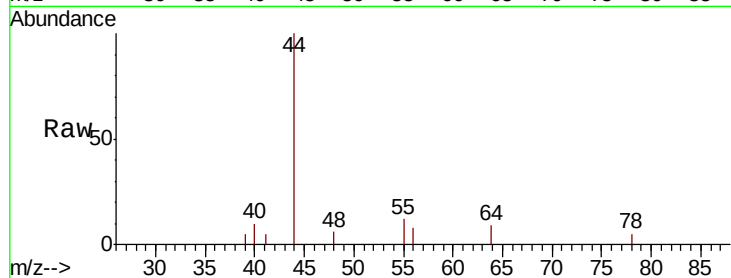
55 0.0 61.4 92.0#

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

200

150

100

50

0

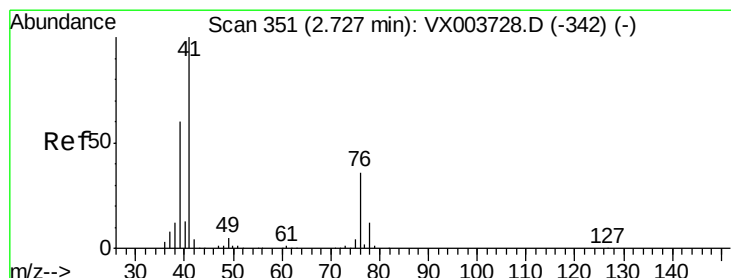
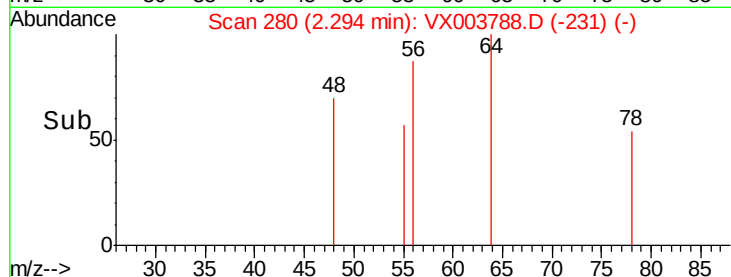
2.26

2.28

2.30

2.32

Time-->



#14

Allyl chloride

Concen: 39.93 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

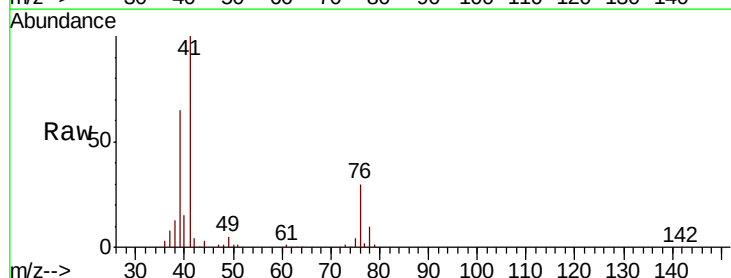
Tgt Ion: 41 Resp: 44854

Ion Ratio Lower Upper

41 100

39 60.2 47.7 71.5

76 31.1 27.0 40.6



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

30000

25000

20000

15000

10000

5000

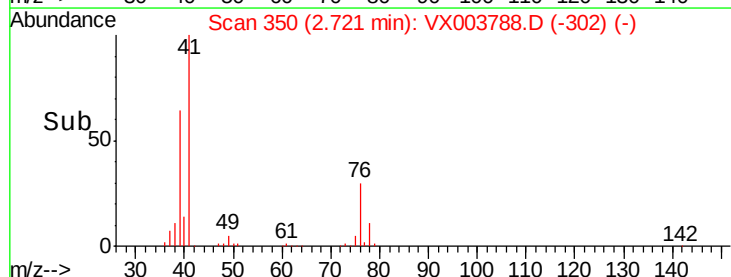
0

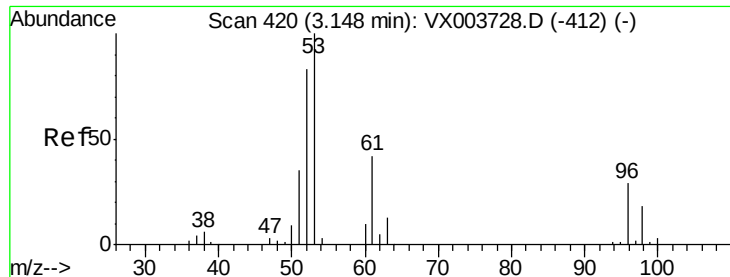
2.60

2.70

2.80

Time-->





#15

Acrylonitrile

Concen: 228.67 ug/l

RT: 3.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

Instrument :

MSVOA_X

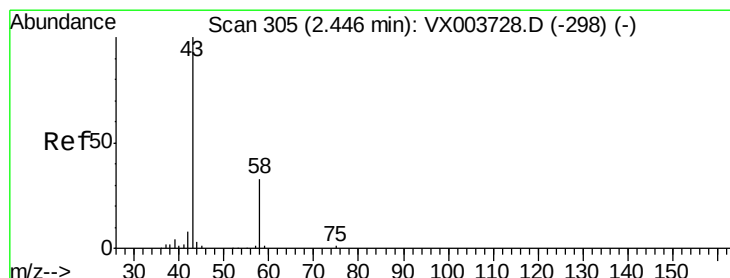
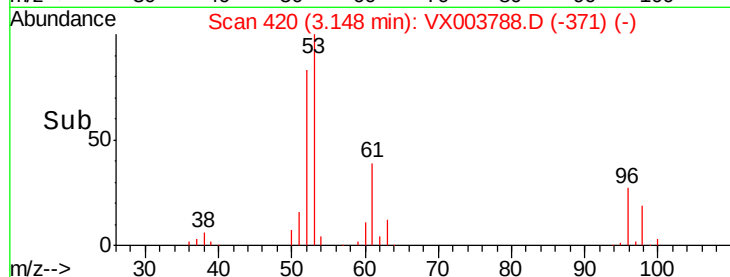
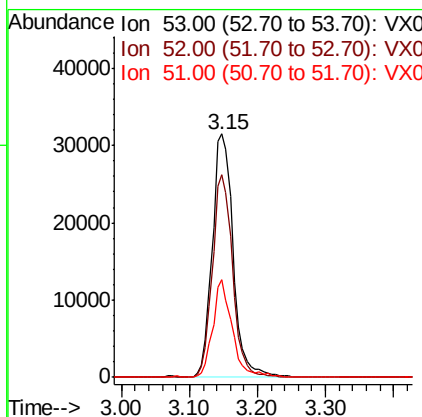
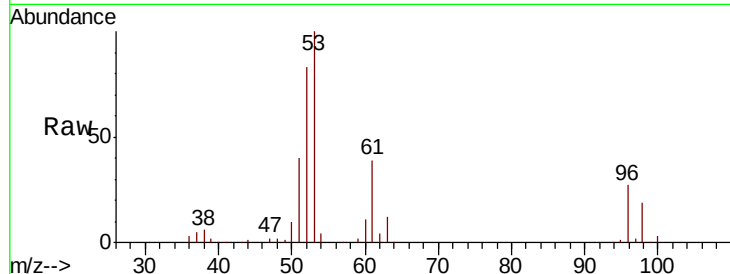
ClientSampled :

SB-6(7-9)MS

Tot Ion:	53	Resp:	67515
Ion	Ratio	Lower	Upper
53	100		
52	80.4	66.2	99.2
51	37.5	28.5	42.7

Manual Integrations
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#16

Acetone

Concen: 359.88 ug/l

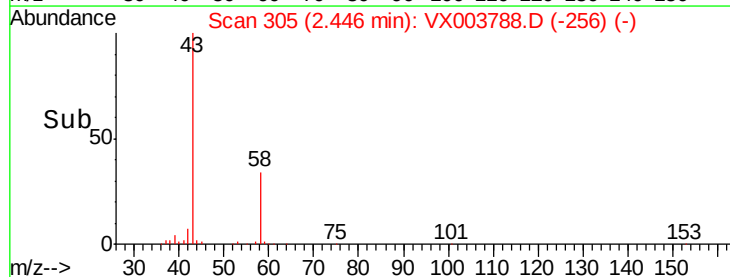
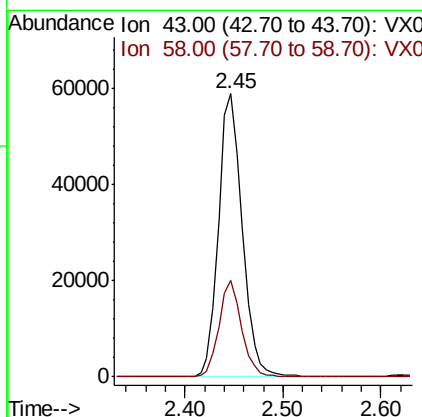
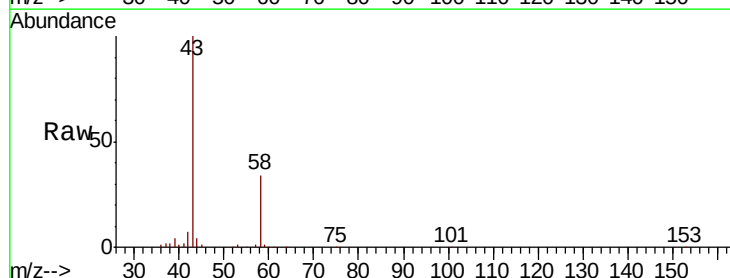
RT: 2.45 min Scan# 305

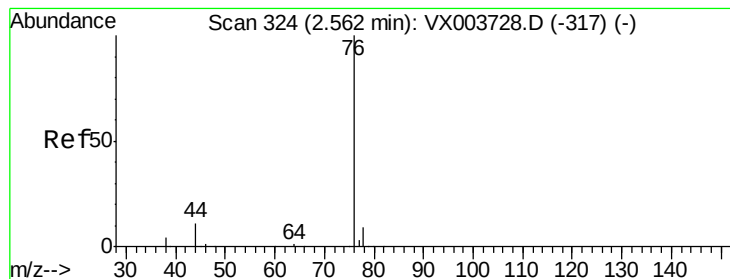
Delta R.T. 0.00 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

Tgt Ion:	43	Resp:	98559
Ion	Ratio	Lower	Upper
43	100		
58	34.0	26.7	40.1





#17

Carbon Disulfide

Concen: 37.15 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

Instrument :

MSVOA_X

ClientSampled :

SB-6(7-9)MS

Tot Ion: 76 Resp: 76599

Ion Ratio Lower Upper

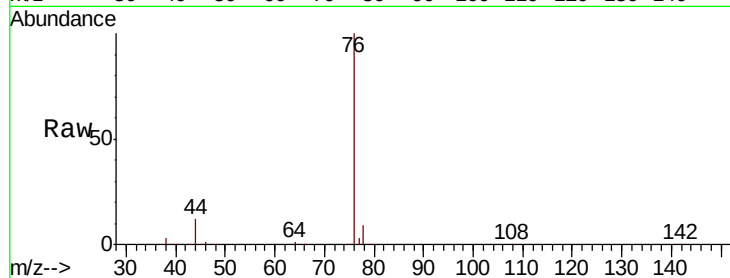
76 100

78 8.6 7.3 10.9

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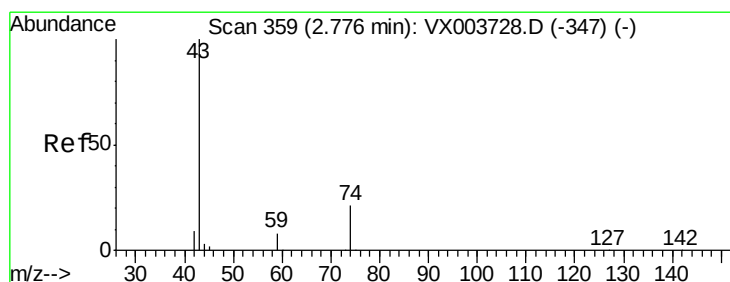
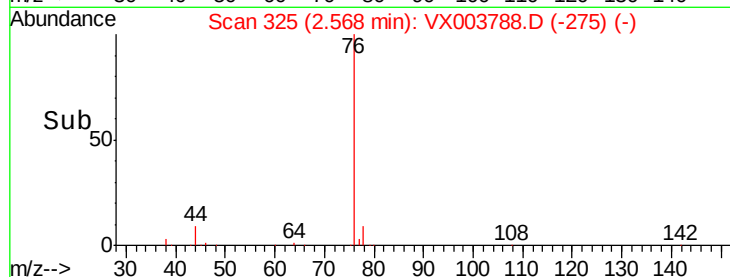
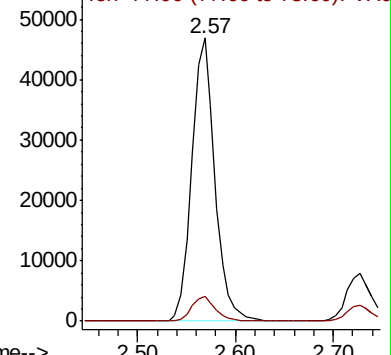
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 93.92 ug/l

RT: 2.78 min Scan# 359

Delta R.T. 0.00 min

Lab File: VX003788.D

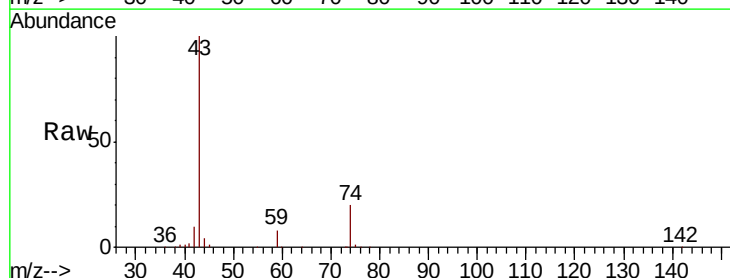
Acq: 01 Aug 2018 08:55

Tgt Ion: 43 Resp: 72282

Ion Ratio Lower Upper

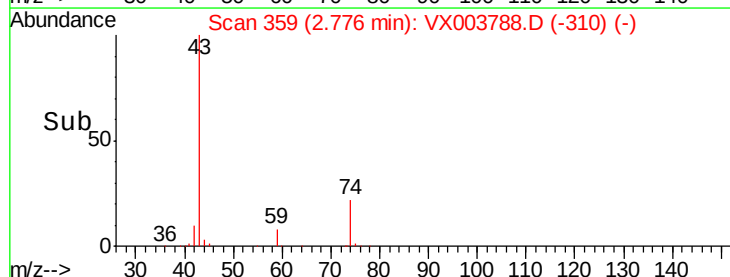
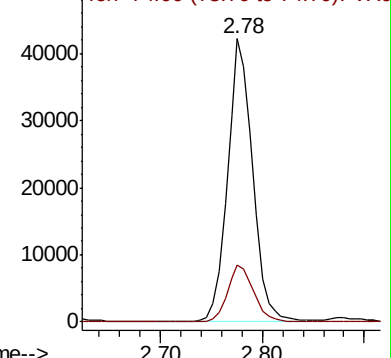
43 100

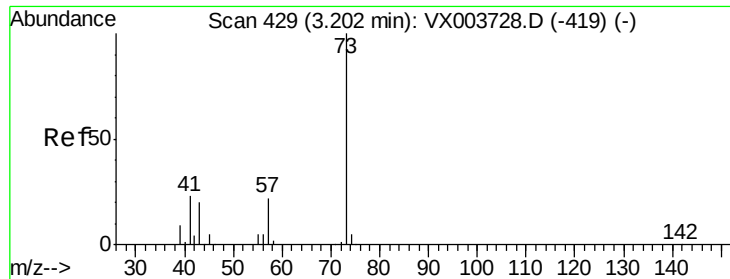
74 21.0 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





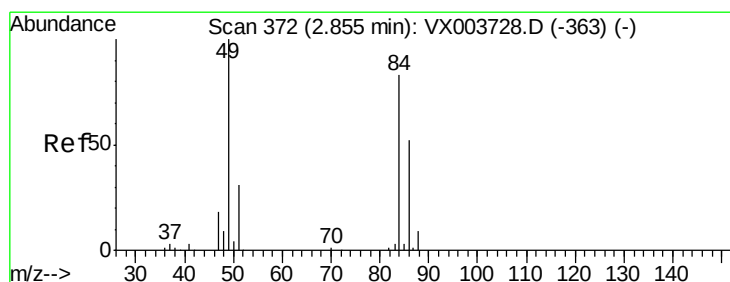
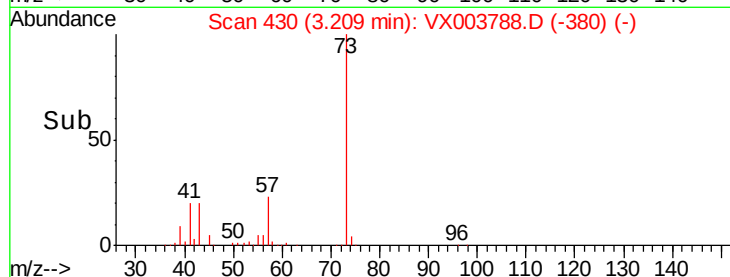
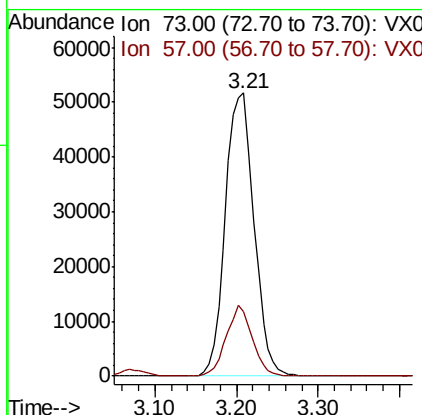
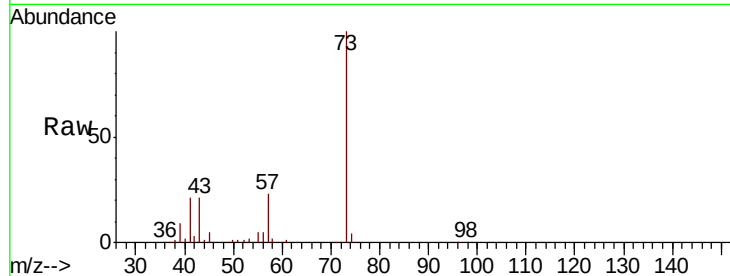
#19
Methyl tert-butyl Ether
Concen: 72.60 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.01 min
Lab File: VX003788.D
Acq: 01 Aug 2018 08:55

Instrument :
MSVOA_X
ClientSampleId :
SB-6(7-9)MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.8	18.0	27.0

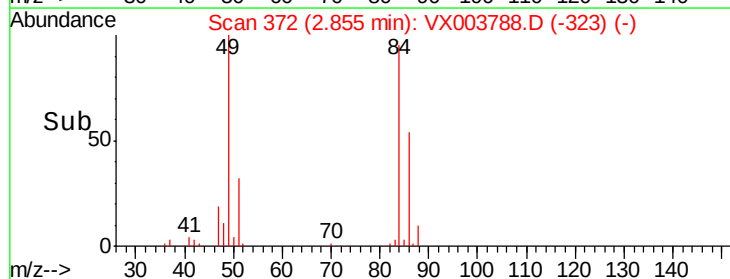
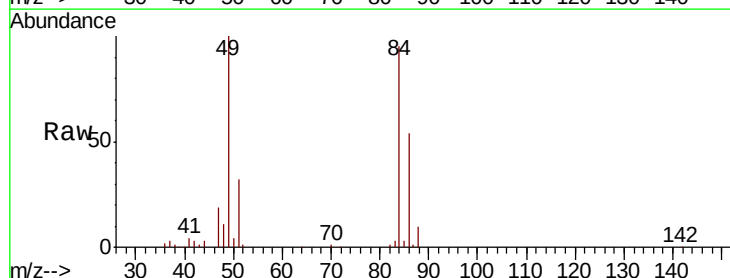
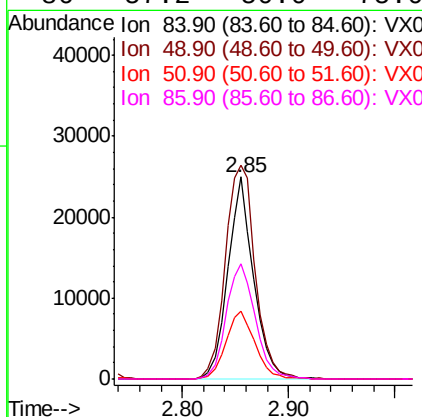
Manual Integrations
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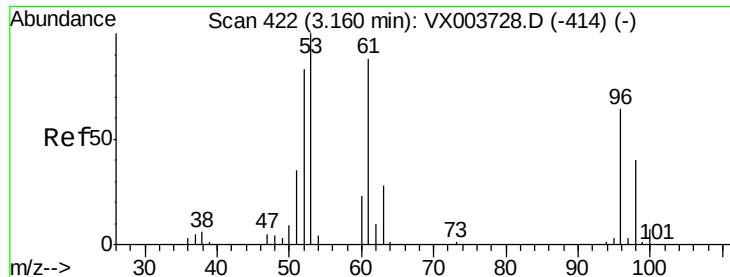
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#20
Methylene Chloride
Concen: 59.20 ug/l
RT: 2.85 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003788.D
Acq: 01 Aug 2018 08:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	105.6	95.8	143.8
51	33.9	29.6	44.4
86	57.2	50.0	75.0





#21

trans-1,2-Dichloroethene

Concen: 43.05 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

Instrument :

MSVOA_X

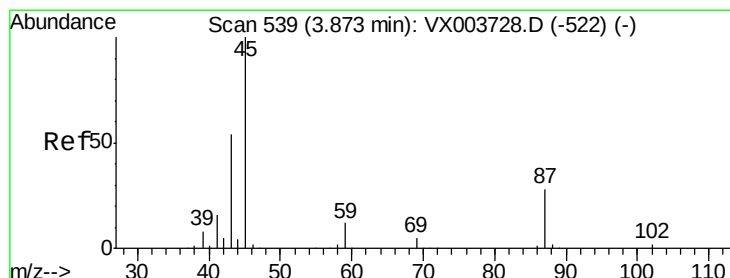
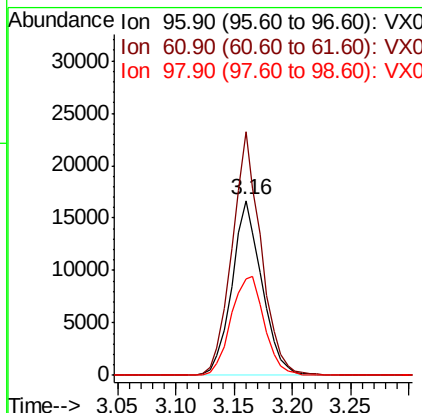
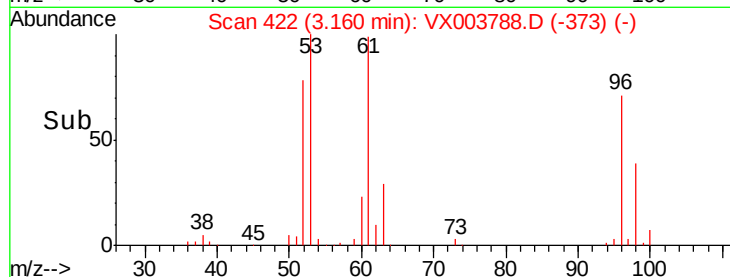
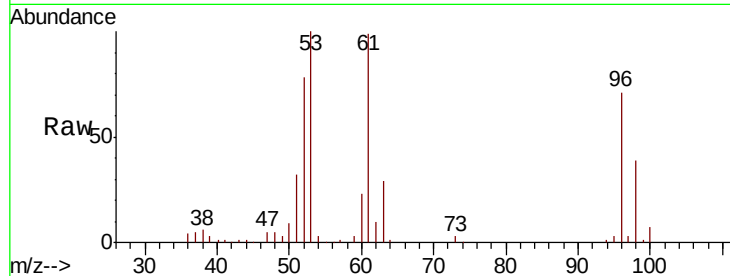
ClientSampled :

SB-6(7-9)MS

Tot Ion:	96	Resp:	29891
Ion	Ratio	Lower	Upper
96	100		
61	139.3	110.9	166.3
98	55.3	50.2	75.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 69.33 ug/l

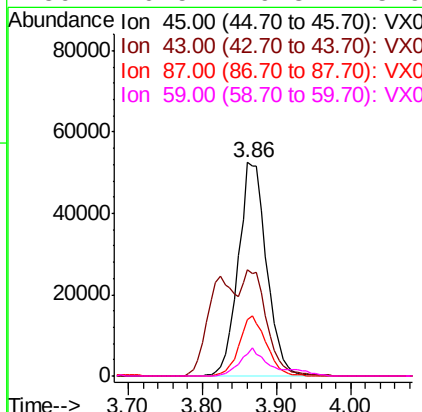
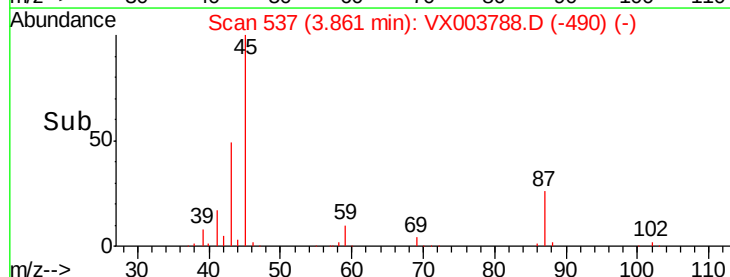
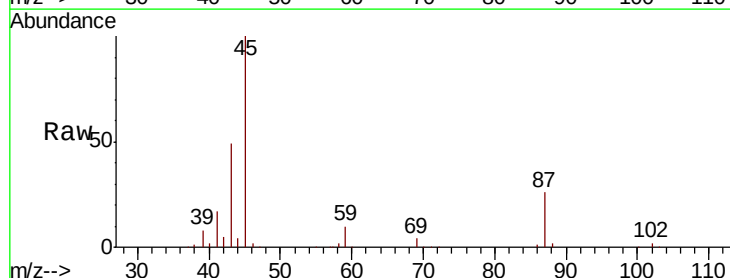
RT: 3.86 min Scan# 537

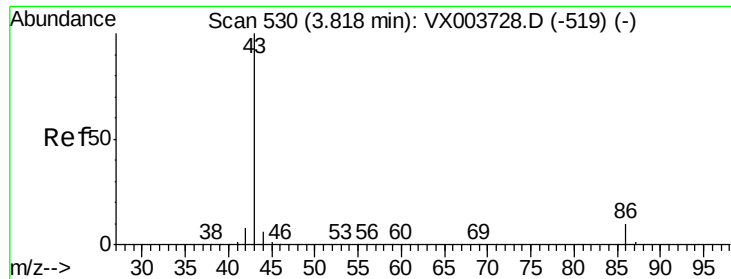
Delta R.T. -0.01 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

Tgt Ion:	45	Resp:	140574
Ion	Ratio	Lower	Upper
45	100		
43	49.2	43.5	65.3
87	26.1	22.6	33.8
59	10.5	9.3	13.9





#23

Vinyl Acetate

Concen: 44.48 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.01 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

Instrument :

MSVOA_X

ClientSampled :

SB-6(7-9)MS

Tot Ion: 43 Resp: 65046

Ion Ratio Lower Upper

43 100

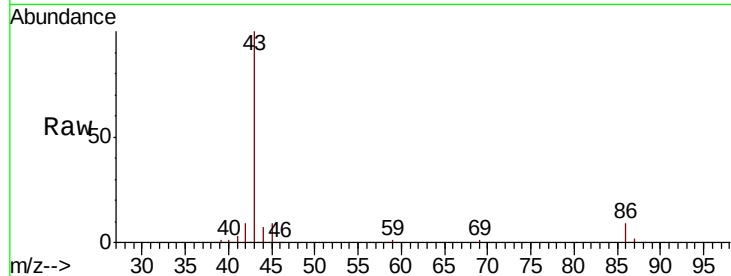
86 9.3 8.2 12.2

Manual Integrations

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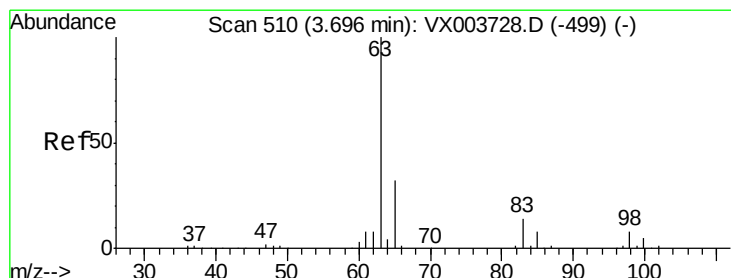
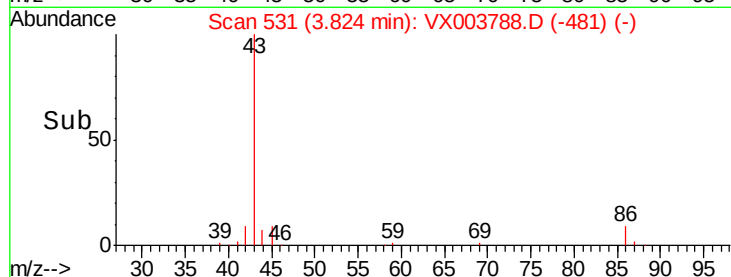
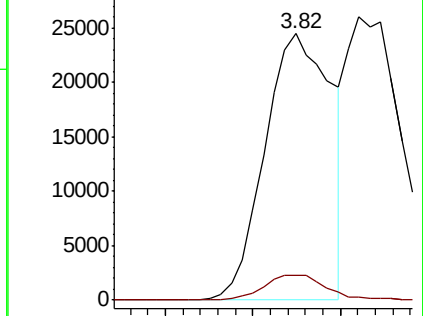
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 64.91 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

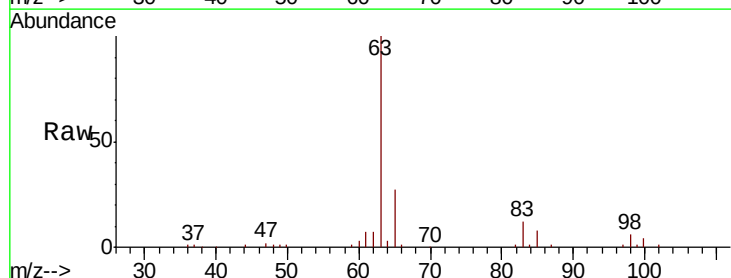
Tgt Ion: 63 Resp: 76753

Ion Ratio Lower Upper

63 100

98 5.8 4.0 12.0

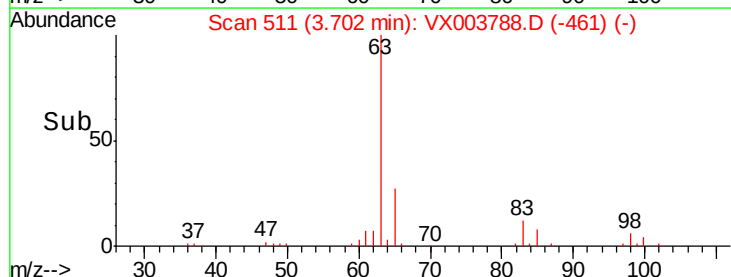
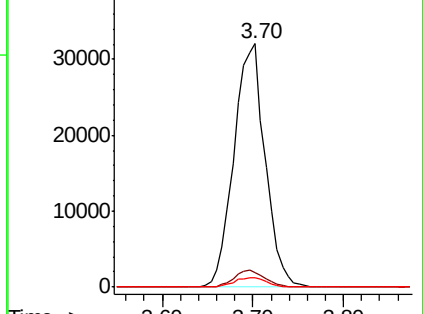
100 3.8 2.4 7.2

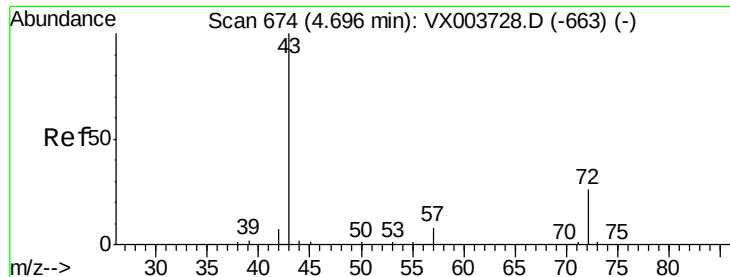


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 265.50 ug/l

RT: 4.69 min Scan# 673

Delta R.T. -0.01 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

Instrument :

MSVOA_X

ClientSampleId :

SB-6(7-9)MS

Tot Ion: 43 Resp: 105996

Ion Ratio Lower Upper

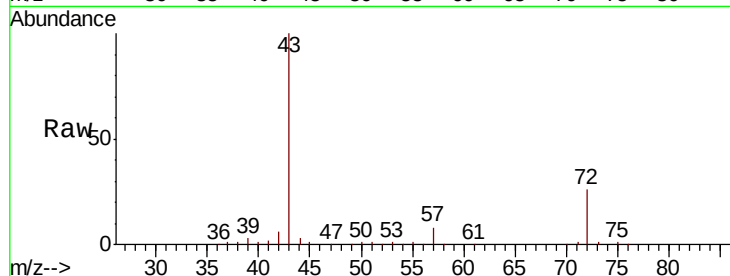
43 100

72 26.3 20.9 31.3

Manual Integrations
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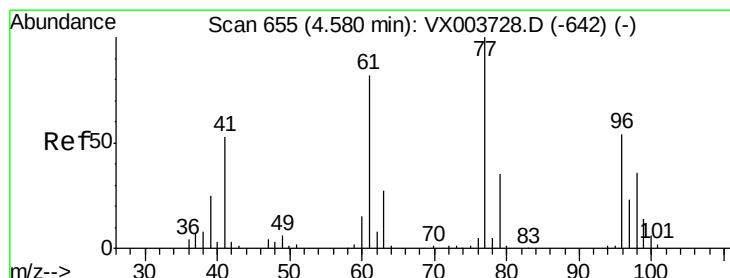
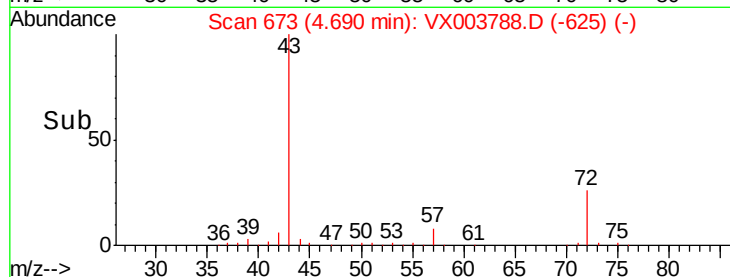
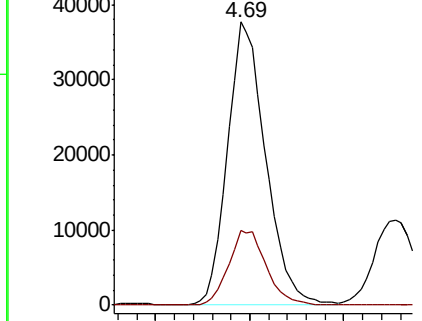
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 42.70 ug/l

RT: 4.58 min Scan# 655

Delta R.T. 0.00 min

Lab File: VX003788.D

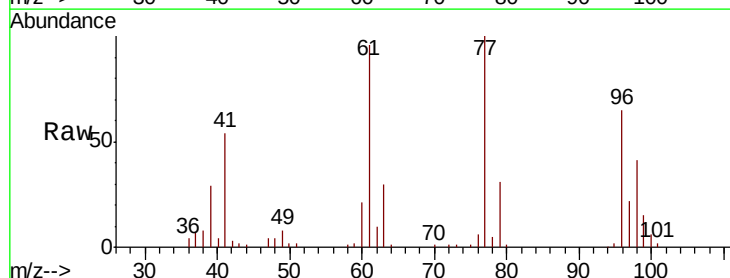
Acq: 01 Aug 2018 08:55

Tgt Ion: 77 Resp: 39764

Ion Ratio Lower Upper

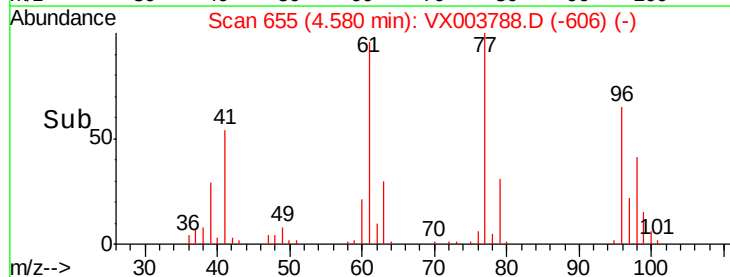
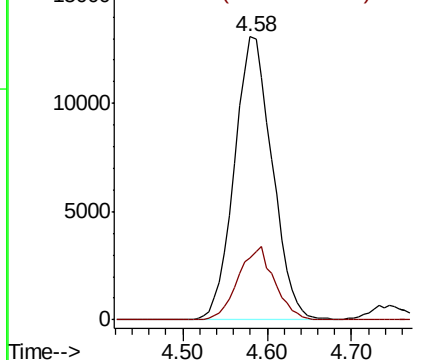
77 100

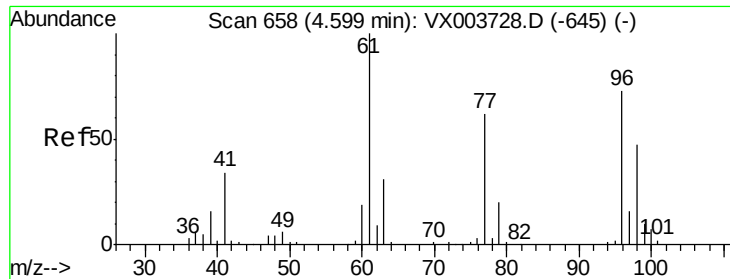
97 24.6 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 50.48 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

Instrument :

MSVOA_X

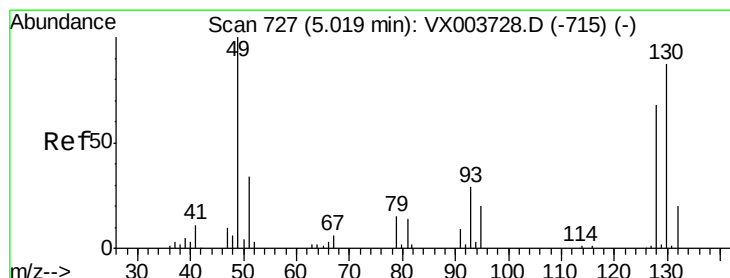
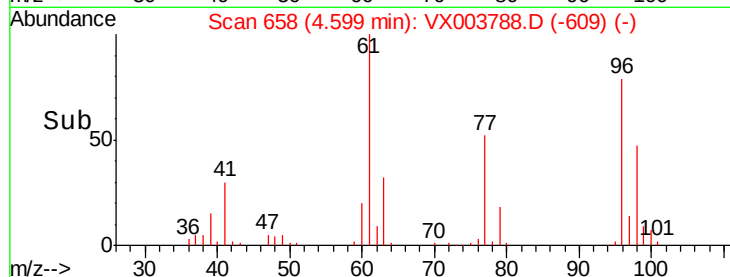
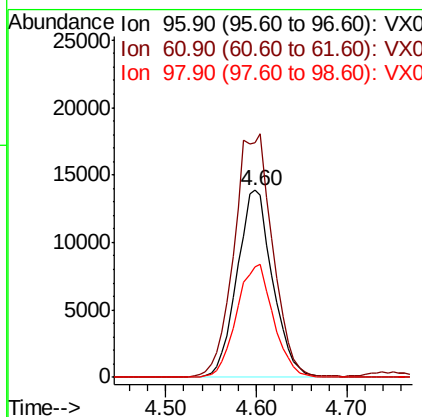
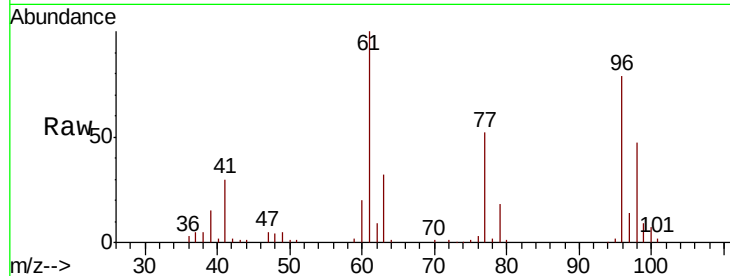
ClientSampleId :

SB-6(7-9)MS

Tot Ion:	96	Resp:	37771
Ion	Ratio	Lower	Upper
96	100		
61	141.1	0.0	285.6
98	62.2	0.0	131.0

Manual Integrations
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#28

Bromochloromethane

Concen: 60.00 ug/l

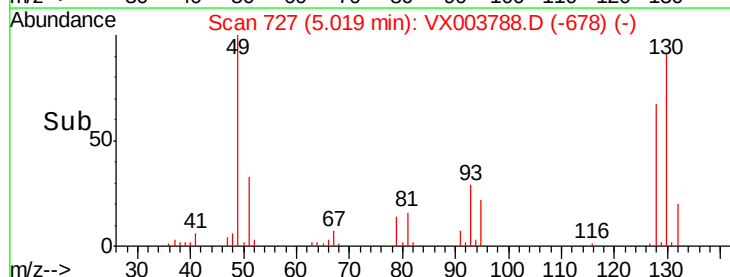
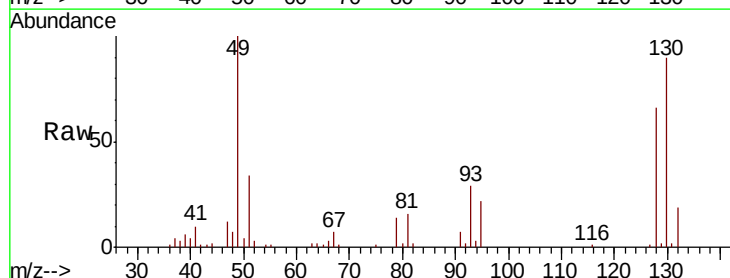
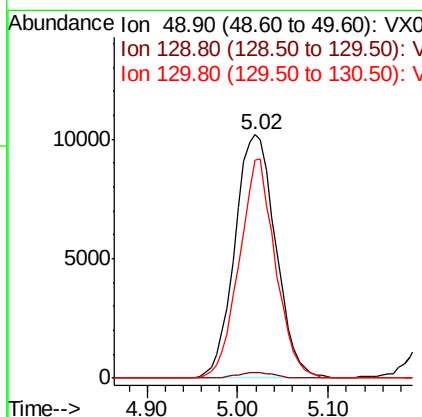
RT: 5.02 min Scan# 727

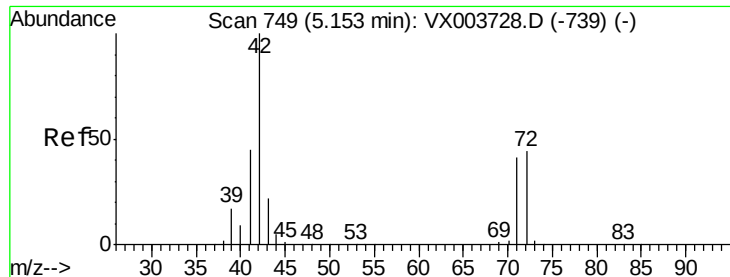
Delta R.T. 0.00 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

Tgt Ion:	49	Resp:	31826
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	79.5	68.9	103.3





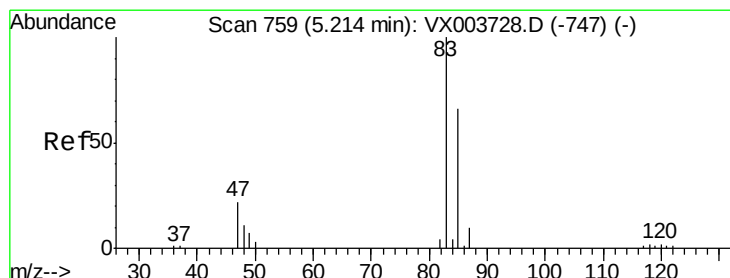
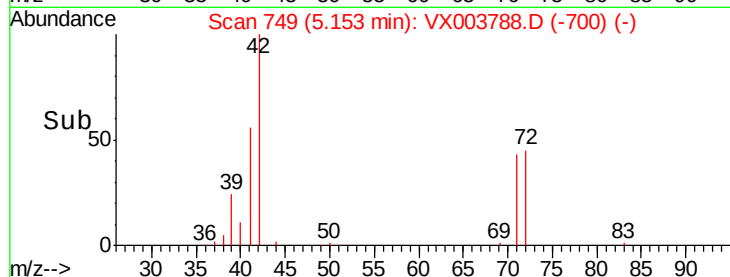
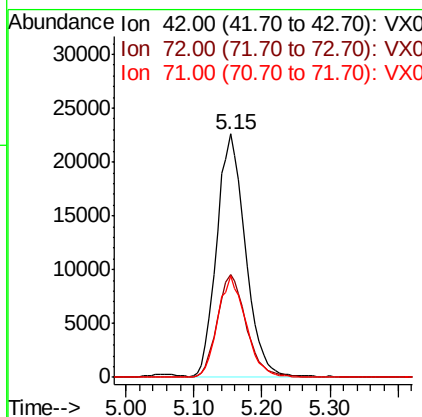
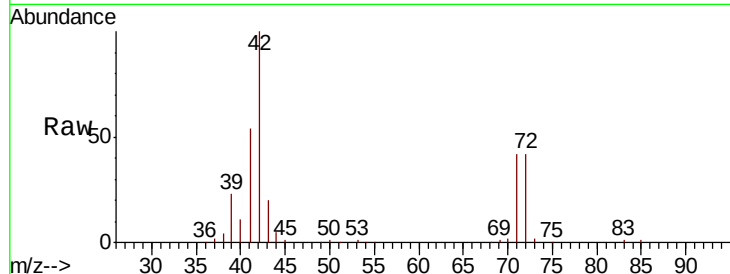
#29
Tetrahydrofuran
Concen: 261.45 ug/l
RT: 5.15 min Scan# 749
Delta R.T. 0.00 min
Lab File: VX003788.D
Acq: 01 Aug 2018 08:55

Instrument :
MSVOA_X
ClientSampleId :
SB-6(7-9)MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.4	35.6	53.4
71	40.6	33.4	50.0

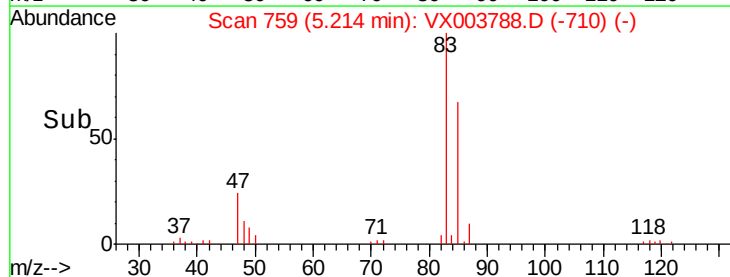
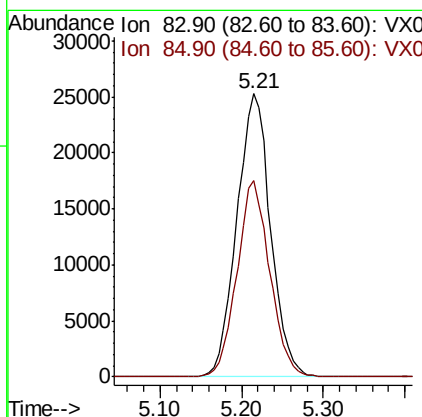
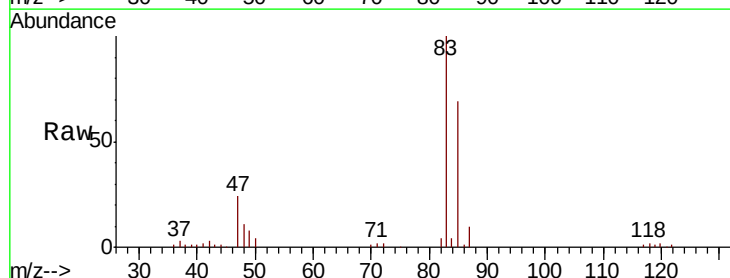
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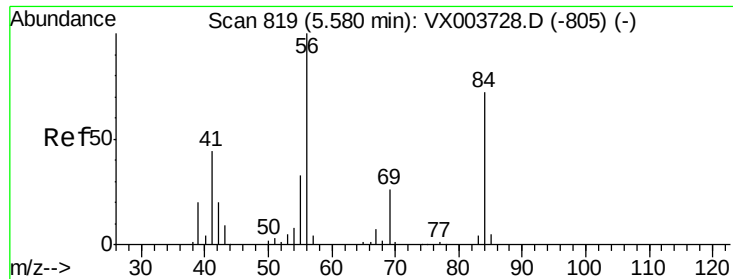
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#30
Chloroform
Concen: 62.19 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX003788.D
Acq: 01 Aug 2018 08:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	69.4	52.8	79.2





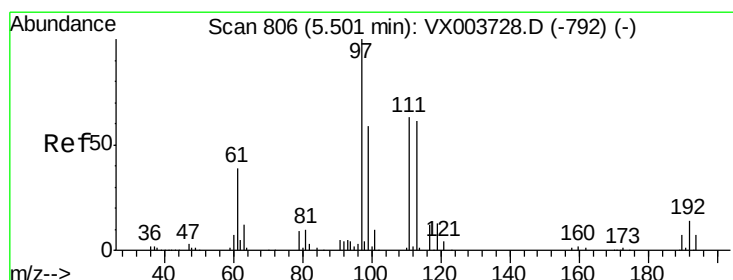
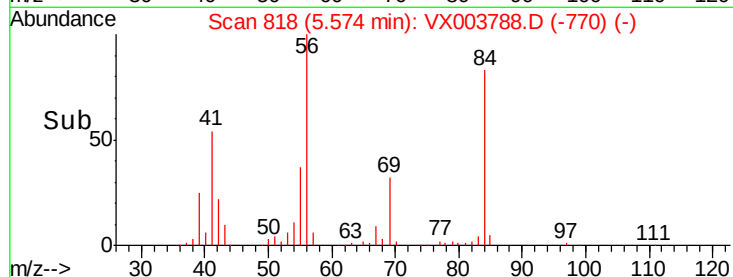
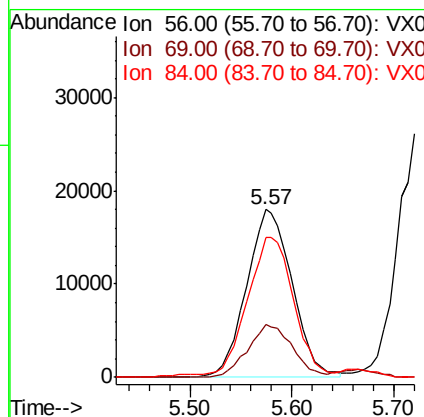
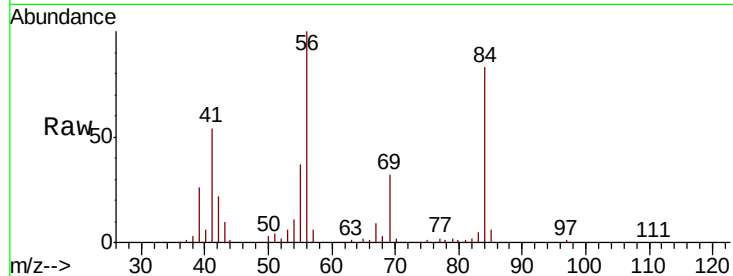
#31
Cyclohexane
Concen: 48.65 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX003788.D
Acq: 01 Aug 2018 08:55

Instrument :
MSVOA_X
ClientSampleId :
SB-6(7-9)MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.8	20.6	30.8#
84	81.4	57.9	86.9

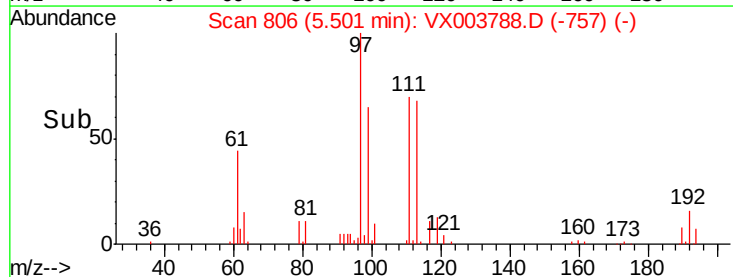
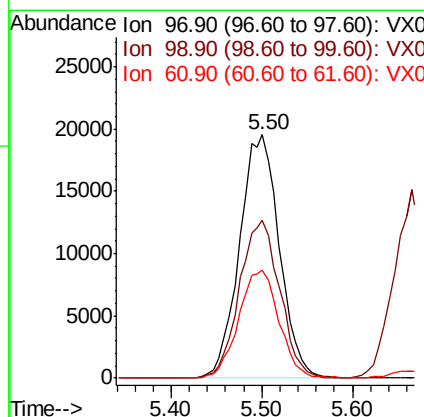
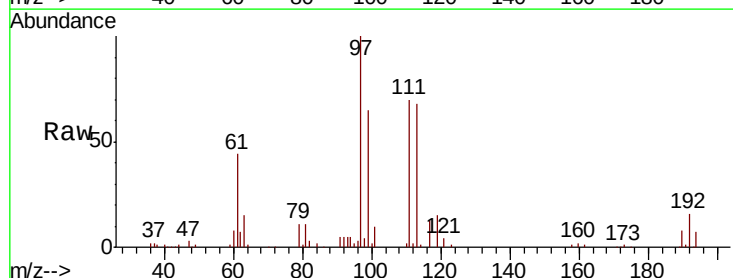
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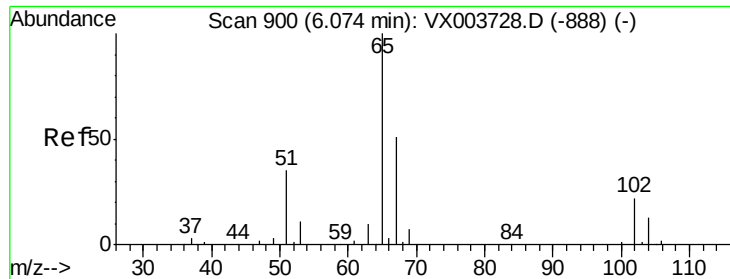
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#32
1,1,1-Trichloroethane
Concen: 59.24 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX003788.D
Acq: 01 Aug 2018 08:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.4	77.2
61	45.1	33.4	50.2





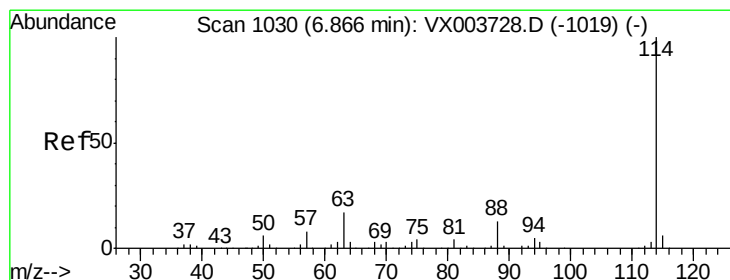
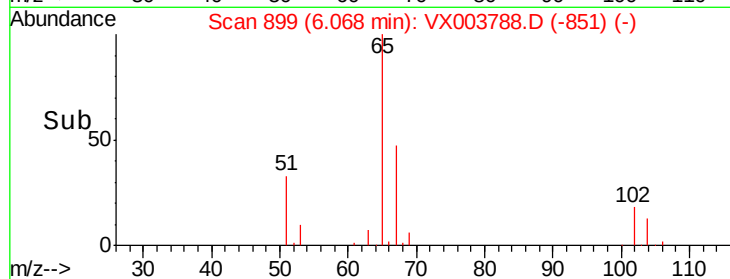
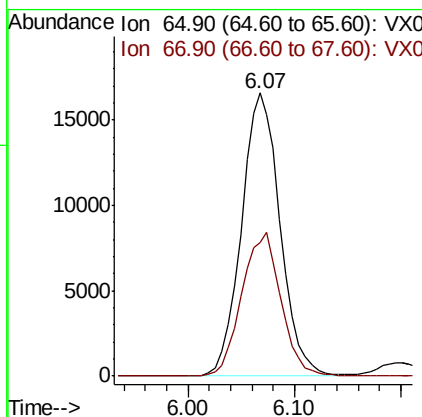
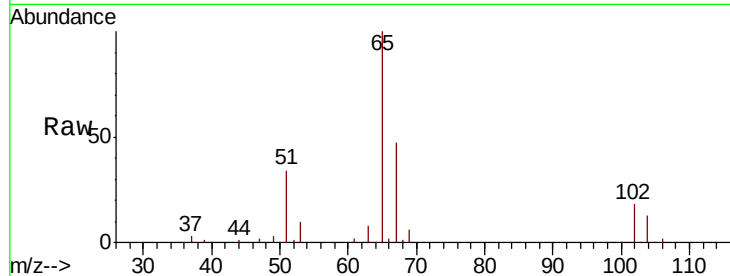
#33
 1,2-Dichloroethane-d4
 Concen: 58.67 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003788.D
 Acq: 01 Aug 2018 08:55

Instrument :
 MSVOA_X
 ClientSampled :
 SB-6(7-9)MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	107.0

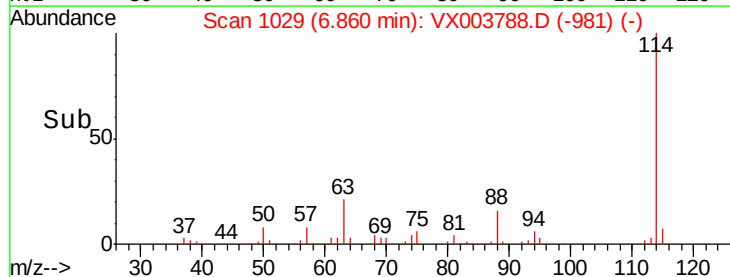
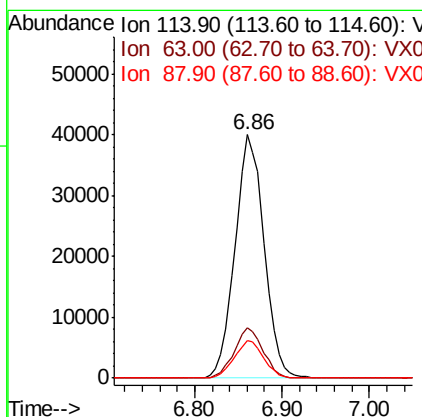
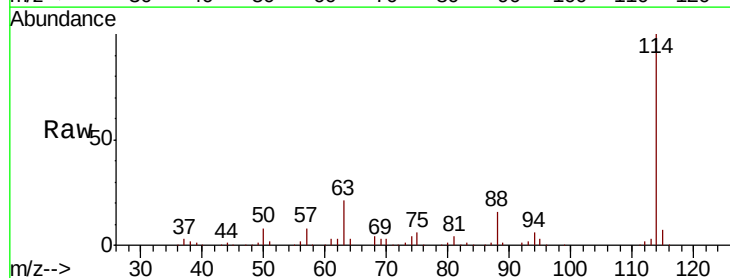
Manual Integrations
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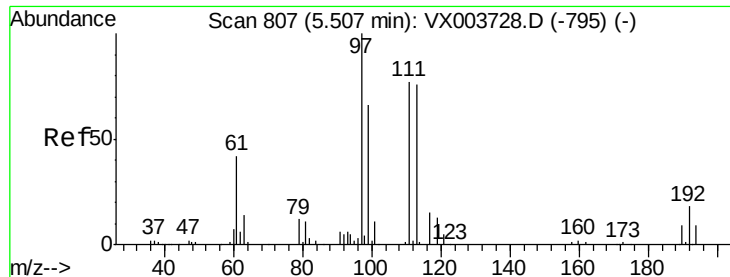
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003788.D
 Acq: 01 Aug 2018 08:55

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	34.0
88	15.6	0.0	26.4





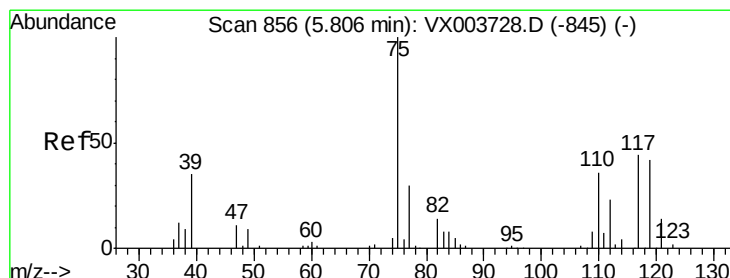
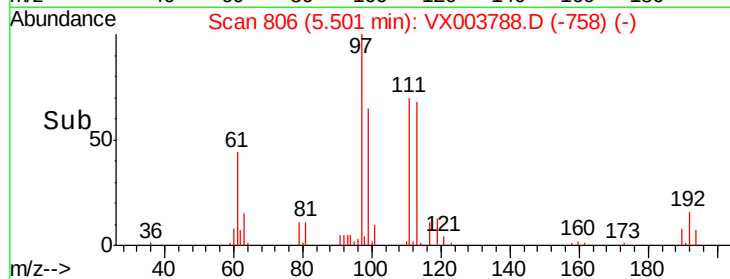
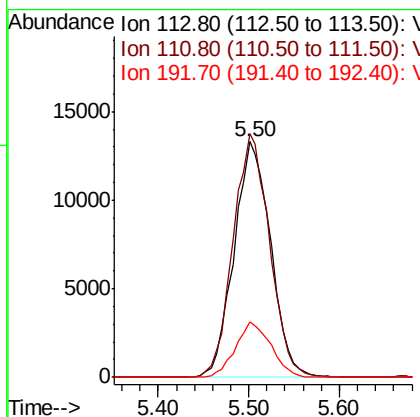
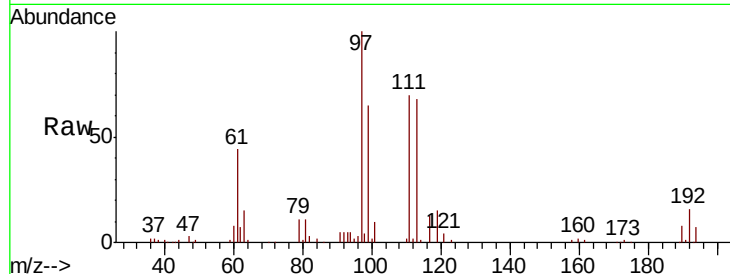
#35
 Dibromofluoromethane
 Concen: 68.10 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX003788.D
 Acq: 01 Aug 2018 08:55

Instrument :
 MSVOA_X
 ClientSampled :
 SB-6(7-9)MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	37148		
111	103.0	81.8	122.6	
192	22.9	18.8	28.2	

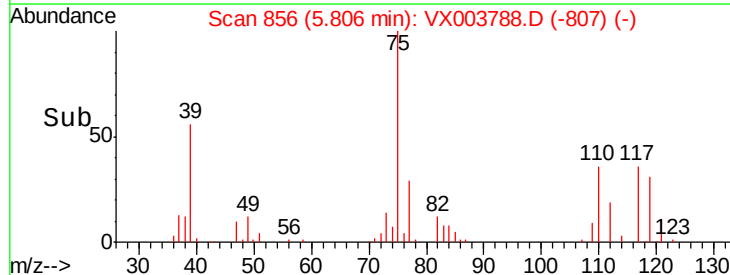
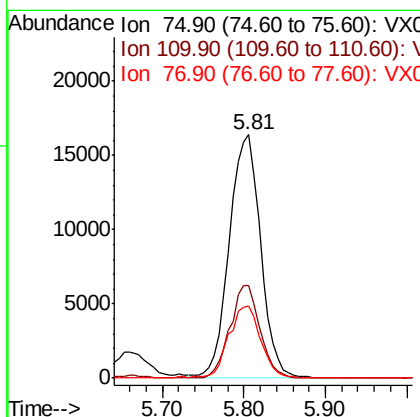
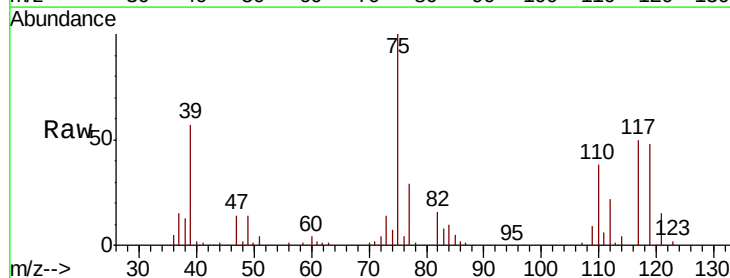
Manual Integrations
 APPROVED

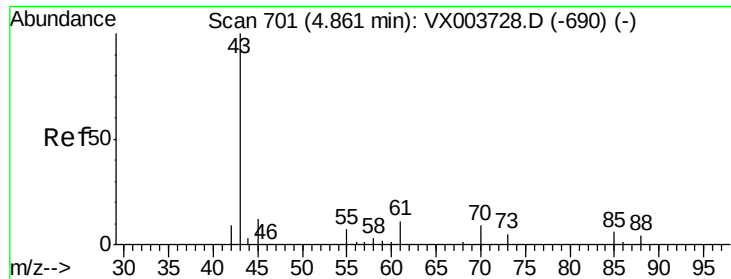
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#36
 1,1-Dichloropropene
 Concen: 50.20 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX003788.D
 Acq: 01 Aug 2018 08:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	43551		
110	36.2	18.3	54.8	
77	30.2	25.1	37.7	





#37

Ethyl Acetate

Concen: 53.01 ug/l

RT: 4.85 min Scan# 700

Delta R.T. -0.01 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

Instrument :

MSVOA_X

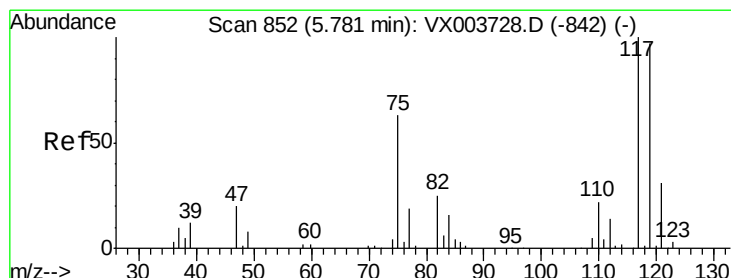
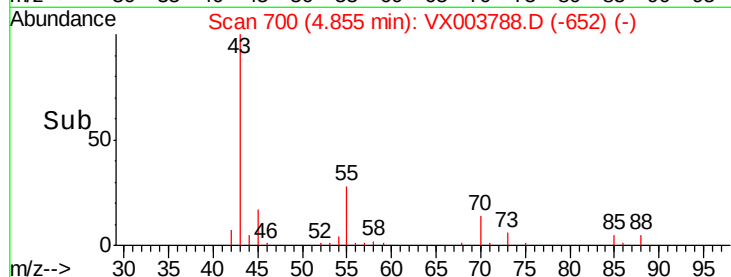
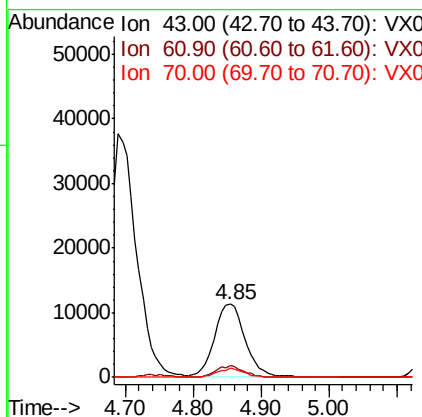
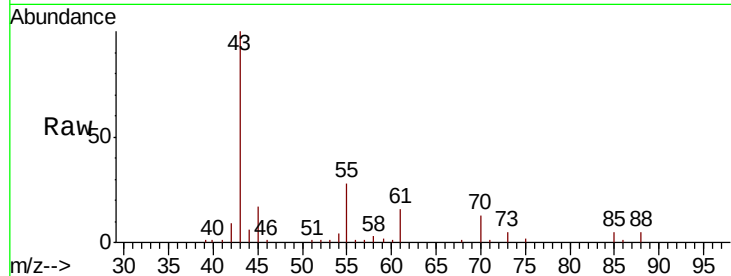
ClientSampled :

SB-6(7-9)MS

Tot Ion:	43	Resp:	35324
Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.4	17.0
70	10.7	8.2	12.2

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 49.62 ug/l

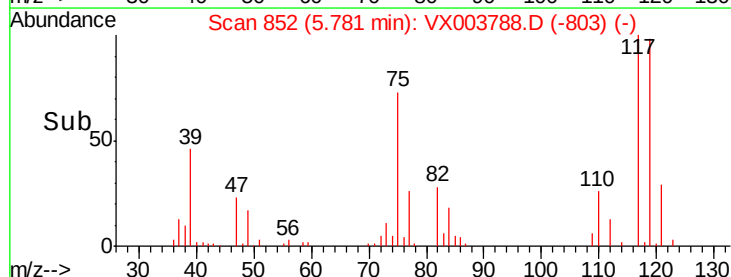
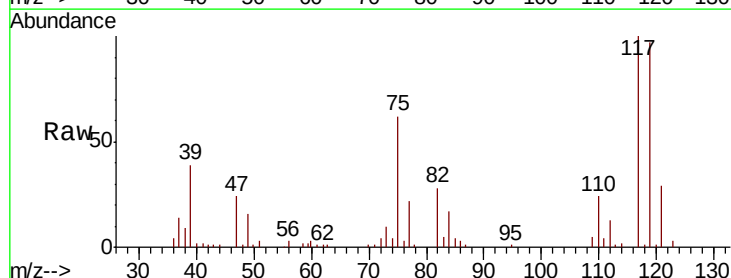
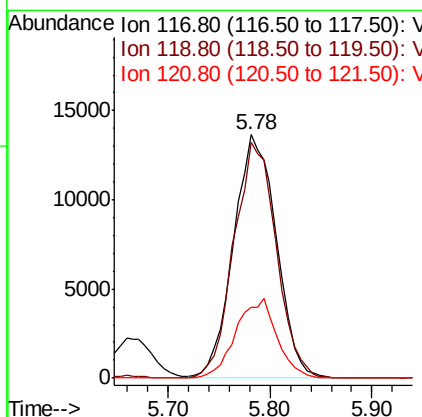
RT: 5.78 min Scan# 852

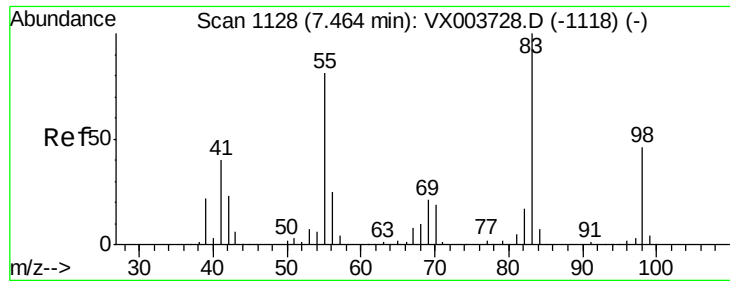
Delta R.T. 0.00 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

Tgt Ion:	117	Resp:	39818
Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.2	115.8
121	29.0	25.0	37.4





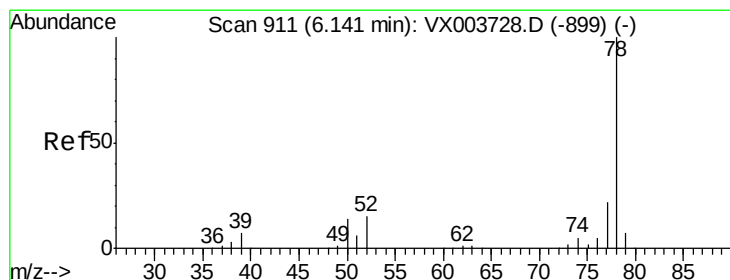
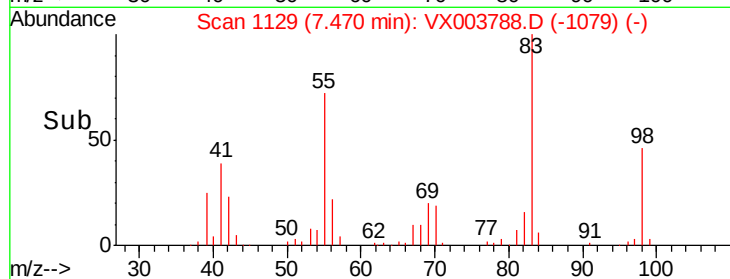
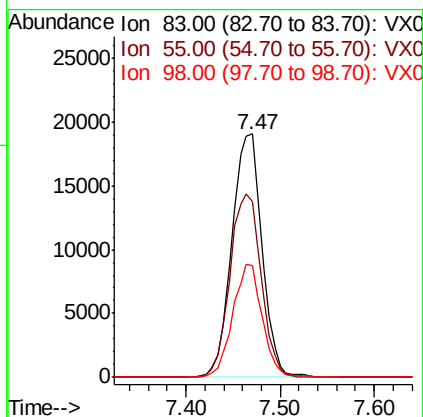
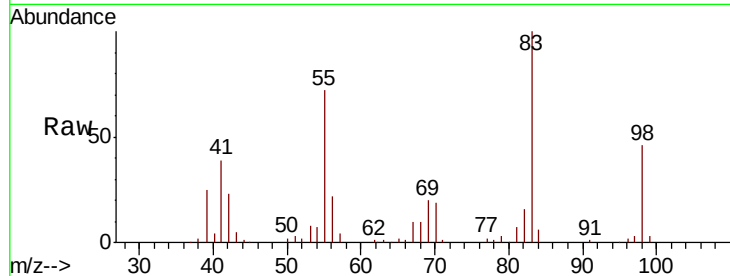
#39
Methylvlcyclohexane
Concen: 39.87 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VX003788.D
Acq: 01 Aug 2018 08:55

Instrument :
MSVOA_X
ClientSampled :
SB-6(7-9)MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.4	65.0	97.6
98	45.8	37.1	55.7

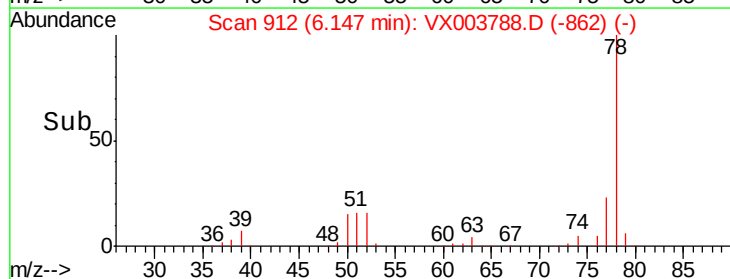
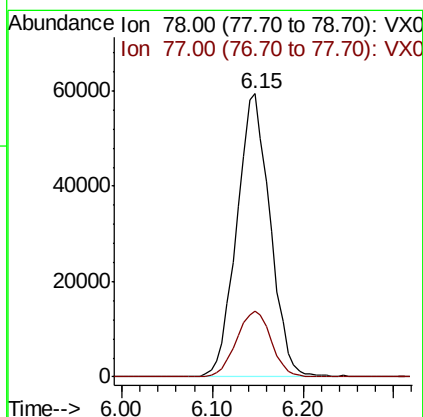
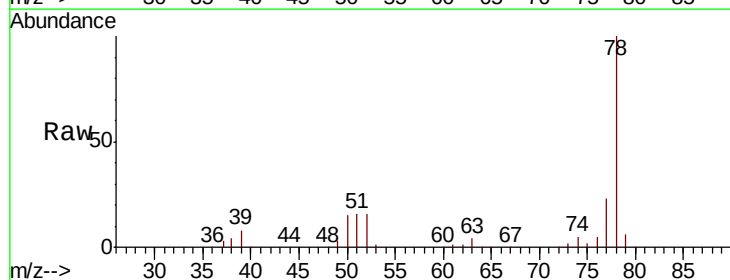
Manual Integrations
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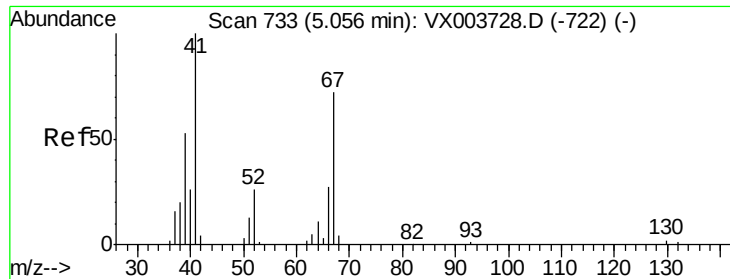
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#40
Benzene
Concen: 60.89 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX003788.D
Acq: 01 Aug 2018 08:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	17.9	26.9





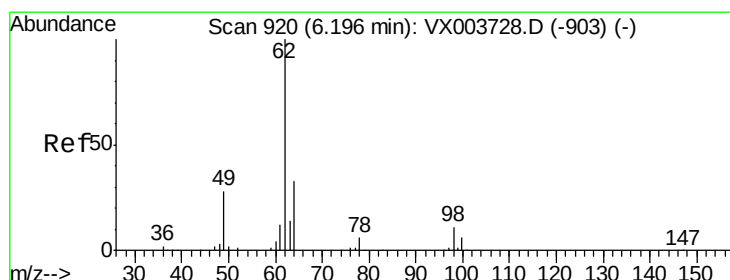
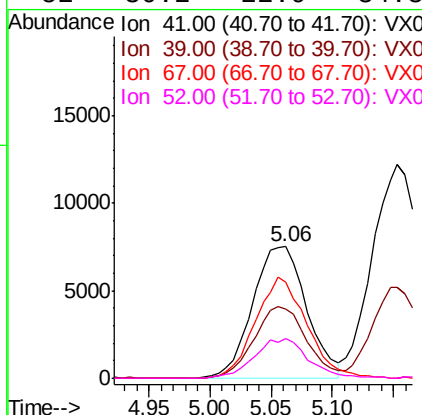
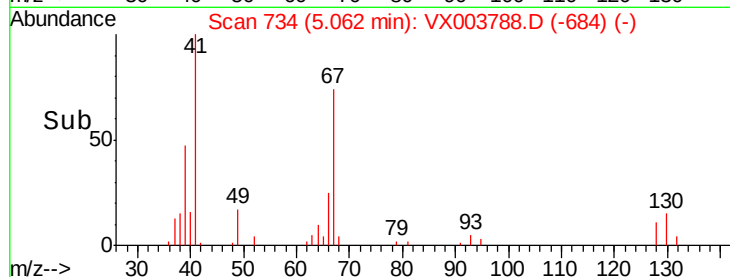
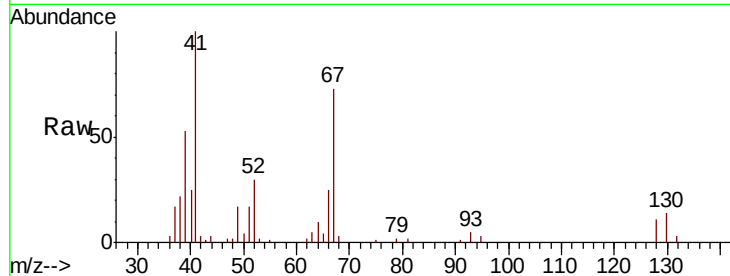
#41
Methacrylonitrile
Concen: 61.65 ug/l
RT: 5.06 min Scan# 734
Delta R.T. 0.01 min
Lab File: VX003788.D
Acq: 01 Aug 2018 08:55

Instrument :
MSVOA_X
ClientSampleId :
SB-6(7-9)MS

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.9	42.6	64.0
67	73.0	58.9	88.3
52	30.2	22.9	34.3

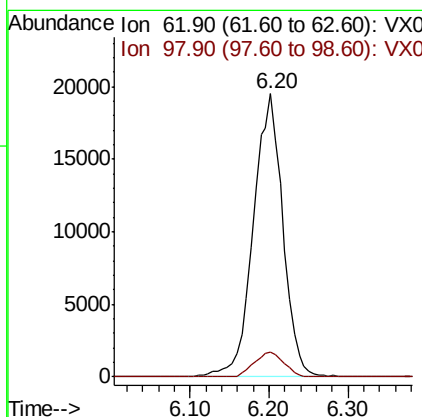
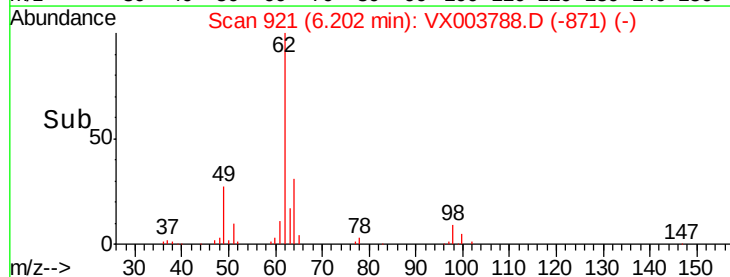
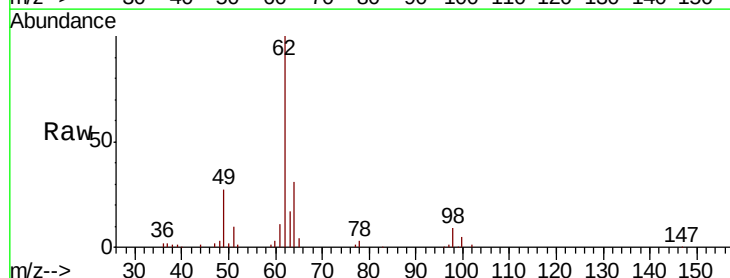
Manual Integrations
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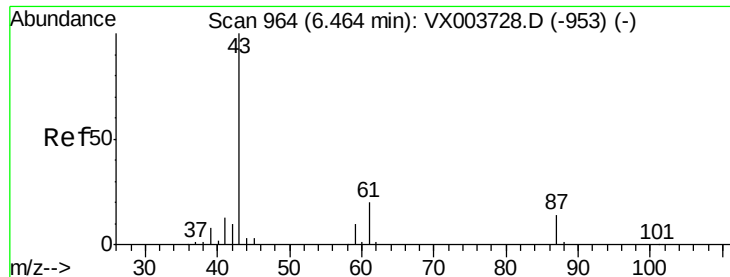
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#42
1,2-Dichloroethane
Concen: 67.40 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.01 min
Lab File: VX003788.D
Acq: 01 Aug 2018 08:55

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	20.4





#43

Isopropyl Acetate

Concen: 57.38 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

Instrument :

MSVOA_X

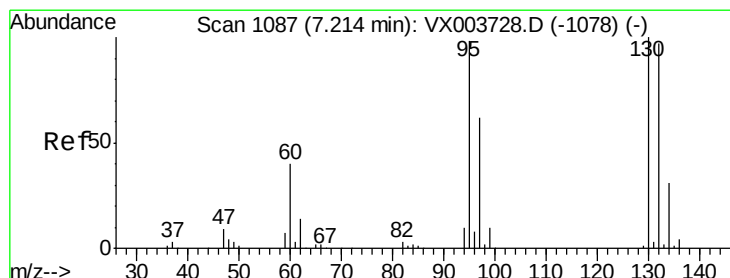
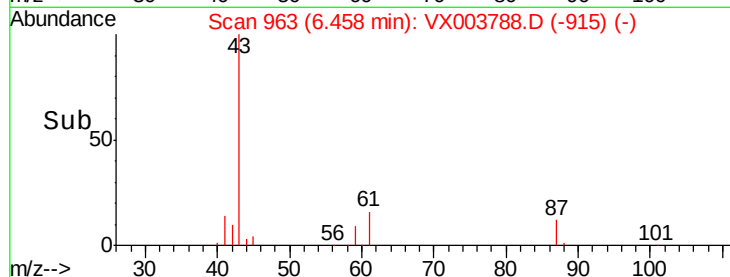
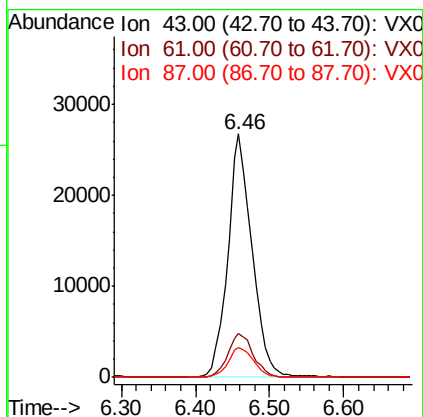
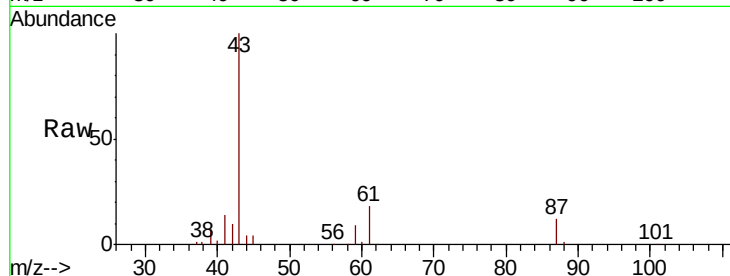
ClientSampleId :

SB-6(7-9)MS

Tot Ion:	43	Resp:	60925
Ion	Ratio	Lower	Upper
43	100		
61	19.1	16.5	24.7
87	12.8	10.7	16.1

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#44

Trichloroethene

Concen: 44.94 ug/l

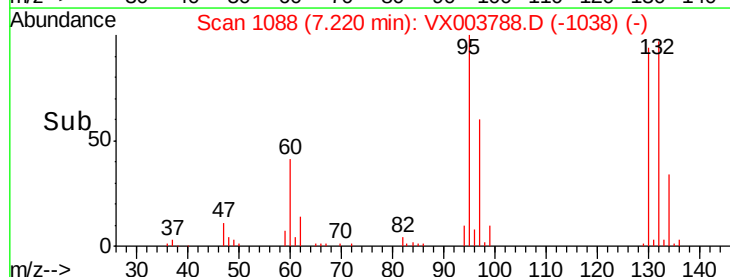
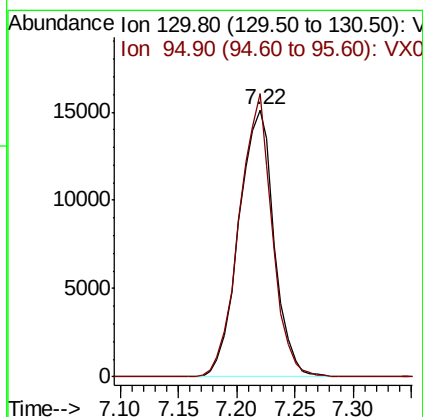
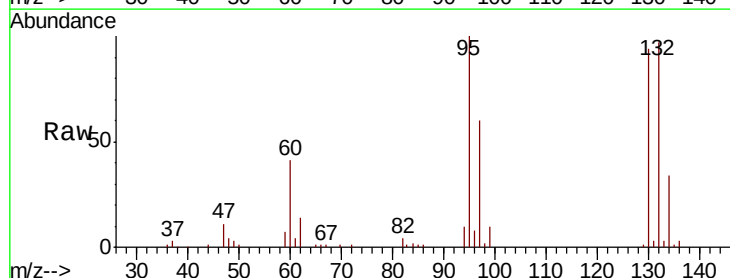
RT: 7.22 min Scan# 1088

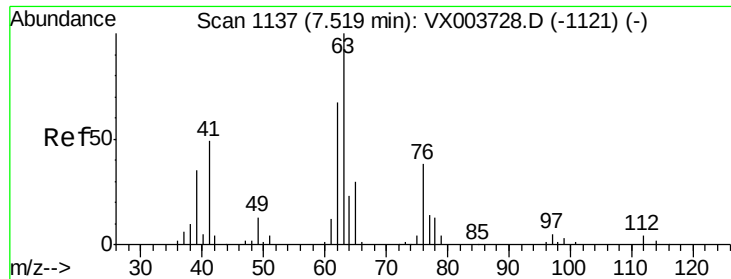
Delta R.T. 0.01 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

Tgt Ion:	130	Resp:	31872
Ion	Ratio	Lower	Upper
130	100		
95	106.1	0.0	196.2





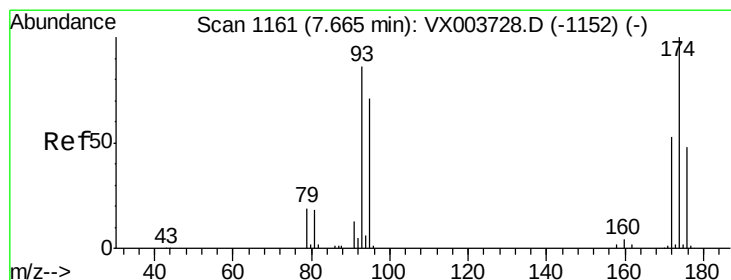
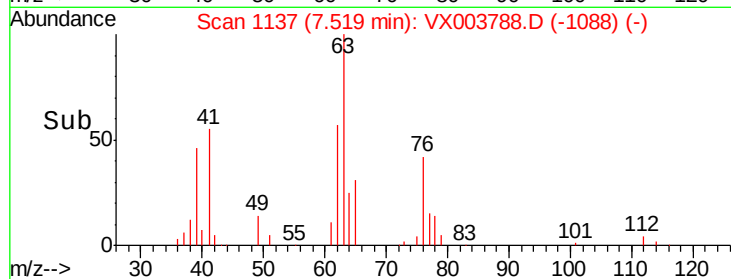
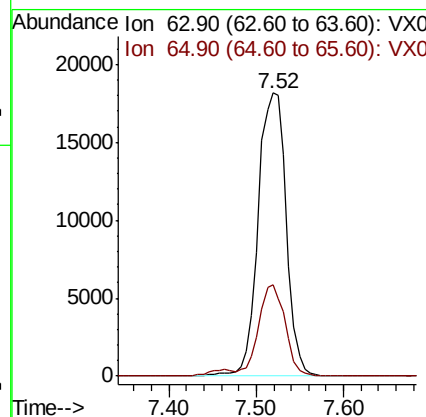
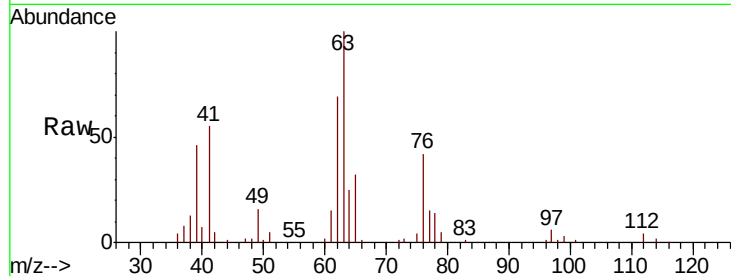
#45
 1,2-Dichloropropane
 Concen: 66.01 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003788.D
 Acq: 01 Aug 2018 08:55

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(7-9)MS

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.5	23.7	35.5

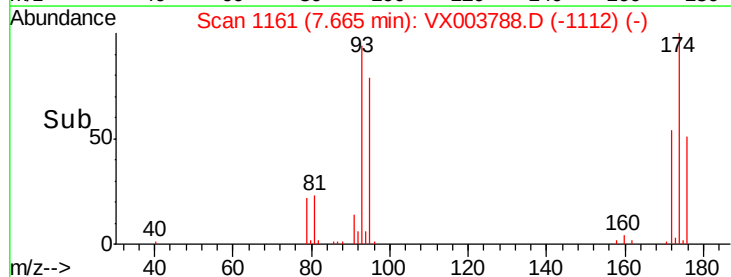
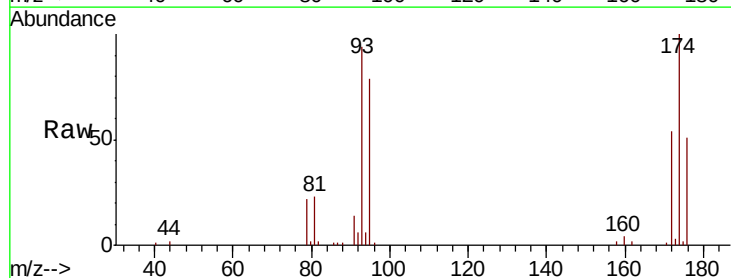
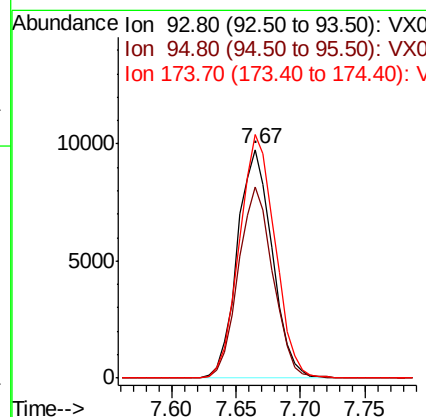
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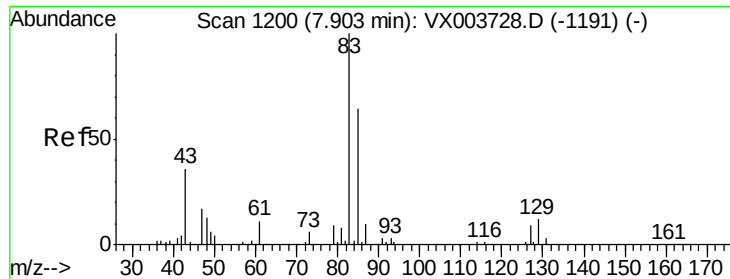
apatel
 8/1/2018 6:54:58 PM



#46
 Dibromomethane
 Concen: 52.00 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003788.D
 Acq: 01 Aug 2018 08:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	68.1	102.1
174	108.9	96.2	144.4





#47

Bromodichloromethane

Concen: 58.26 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

Instrument :

MSVOA_X

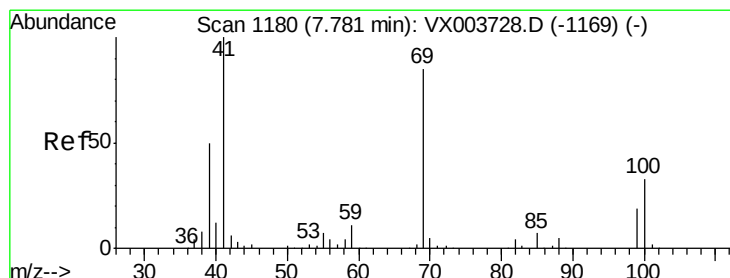
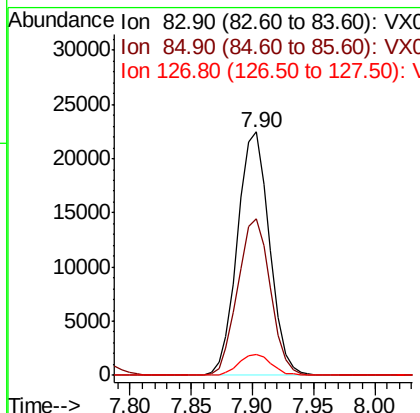
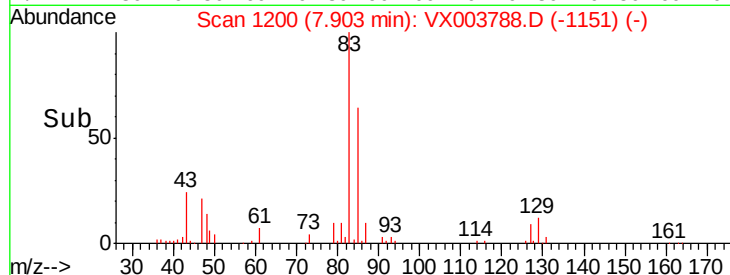
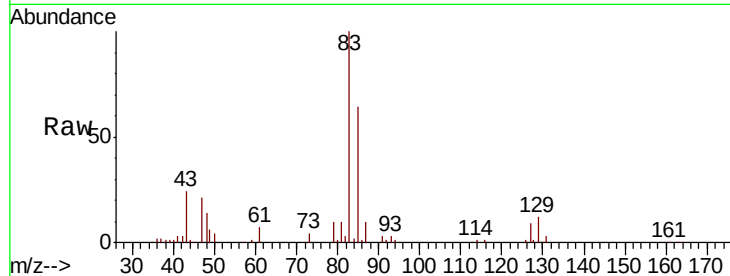
ClientSampleId :

SB-6(7-9)MS

Tot Ion:	83	Resp:	40901
Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.1	76.7
127	8.6	7.1	10.7

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#48

Methyl methacrylate

Concen: 59.84 ug/l

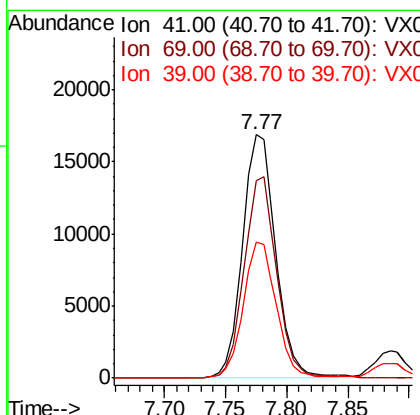
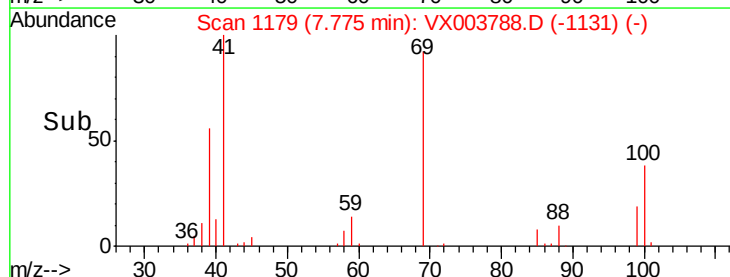
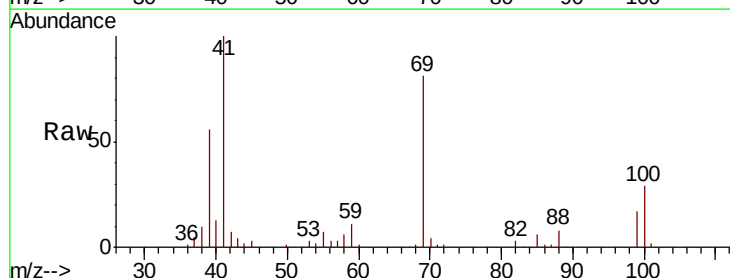
RT: 7.77 min Scan# 1179

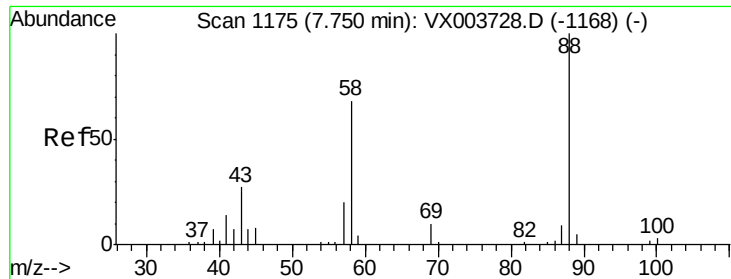
Delta R.T. -0.01 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

Tgt Ion:	41	Resp:	31870
Ion	Ratio	Lower	Upper
41	100		
69	81.3	68.7	103.1
39	55.7	40.8	61.2





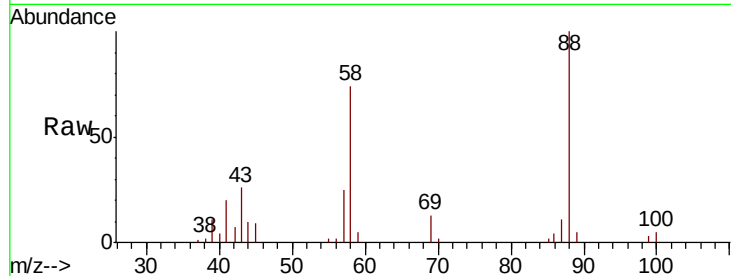
#49
1,4-Dioxane
Concen: 961.45 ug/l
RT: 7.75 min Scan# 1175
Delta R.T. 0.00 min
Lab File: VX003788.D
Acq: 01 Aug 2018 08:55

Instrument :
MSVOA_X
ClientSampleId :
SB-6(7-9)MS

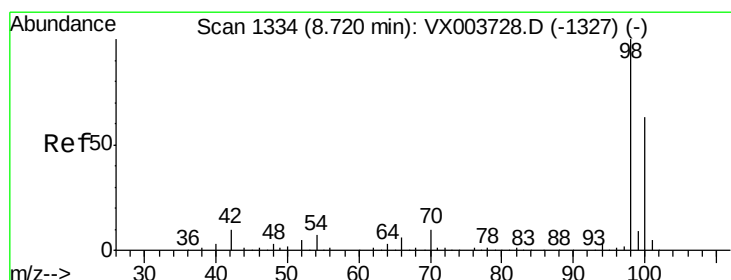
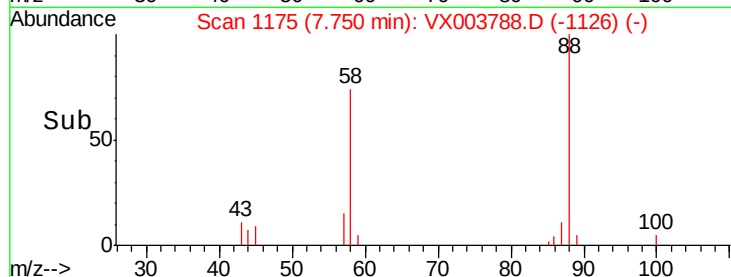
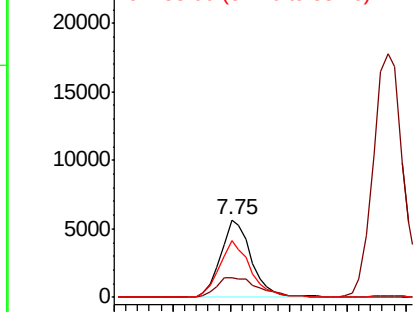
Tot Ion	Ratio	Lower	Upper
88	100		
43	35.8	26.0	39.0
58	74.0	57.1	85.7

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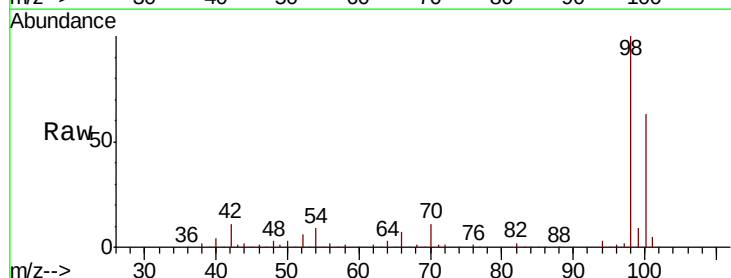


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

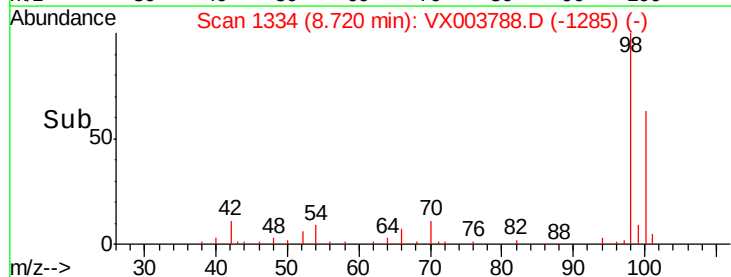
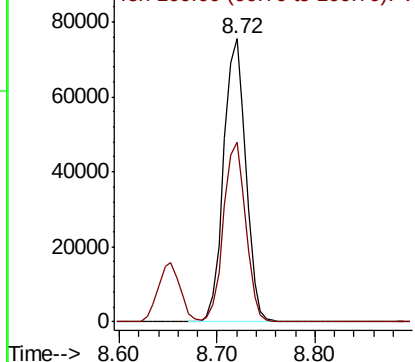


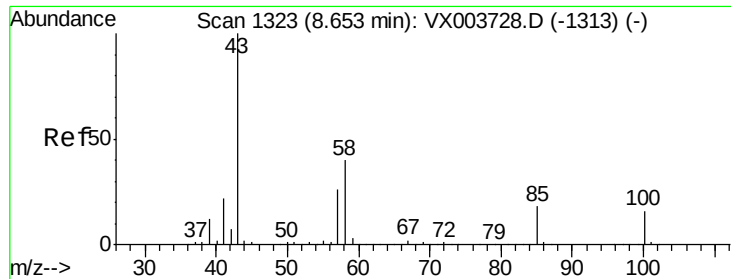
#50
Toluene-d8
Concen: 52.25 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003788.D
Acq: 01 Aug 2018 08:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.4	77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 272.43 ug/l

RT: 8.65 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

Instrument :

MSVOA_X

ClientSampleId :

SB-6(7-9)MS

Tot Ion: 43 Resp: 177765

Ion Ratio Lower Upper

43 100

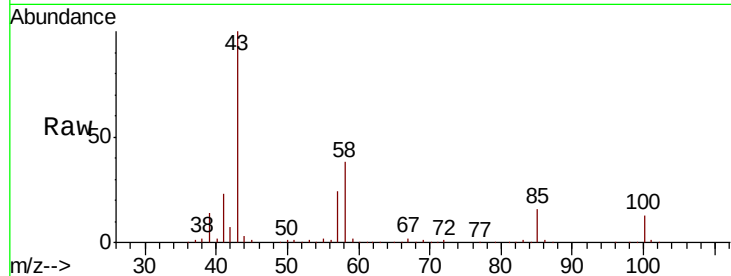
58 38.0 32.1 48.1

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

120000

100000

80000

60000

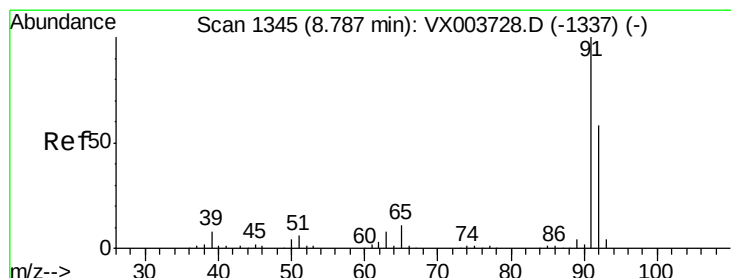
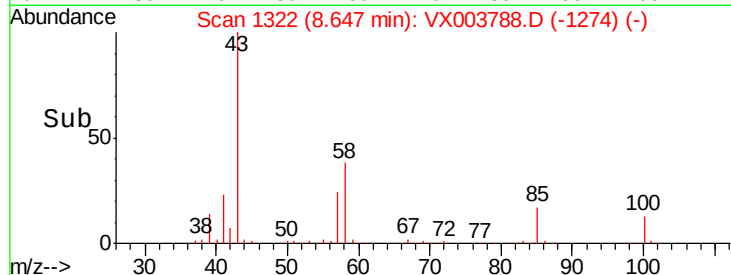
40000

20000

0

8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 51.17 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003788.D

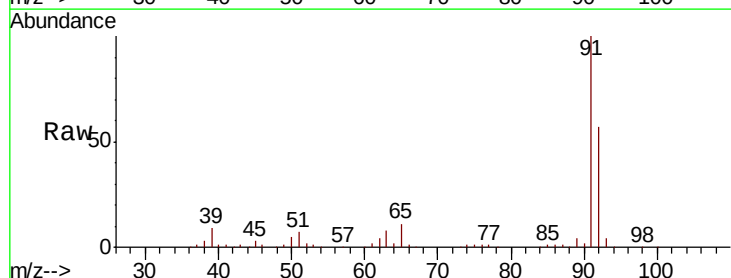
Acq: 01 Aug 2018 08:55

Tgt Ion: 92 Resp: 79347

Ion Ratio Lower Upper

92 100

91 174.1 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

100000

80000

60000

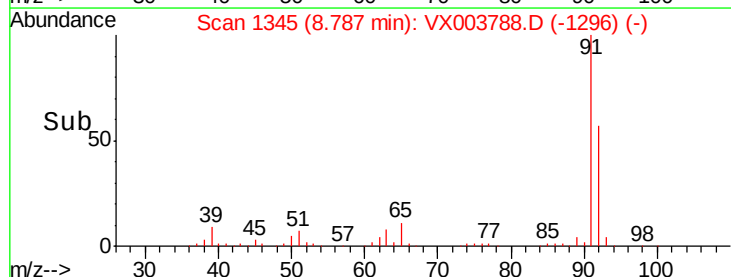
40000

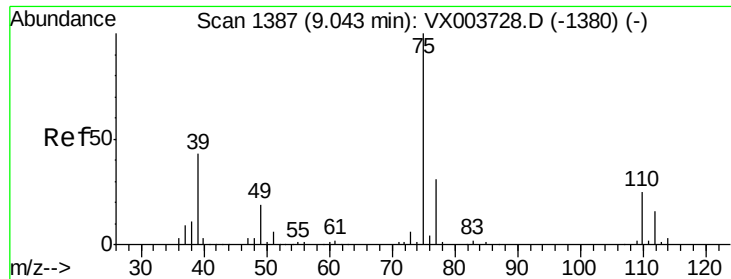
20000

0

8.70 8.75 8.80 8.85

Time-->





#53

t-1,3-Dichloropropene

Concen: 34.77 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

Instrument :

MSVOA_X

ClientSampleId :

SB-6(7-9)MS

Tot Ion: 75 Resp: 27882

Ion Ratio Lower Upper

75 100

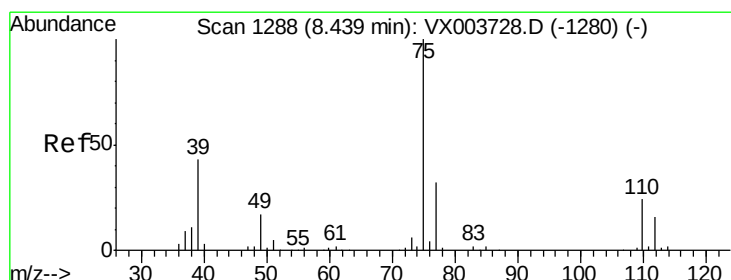
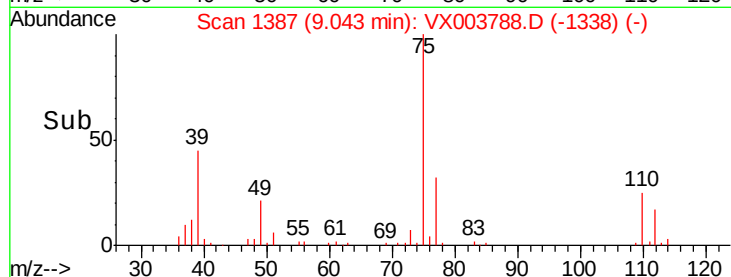
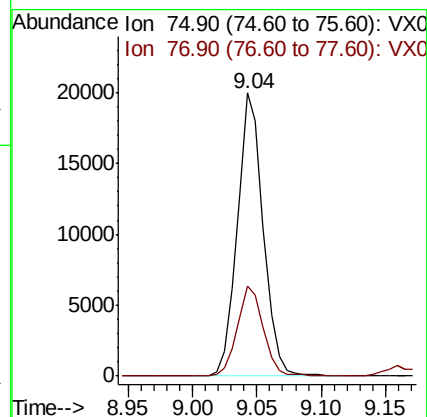
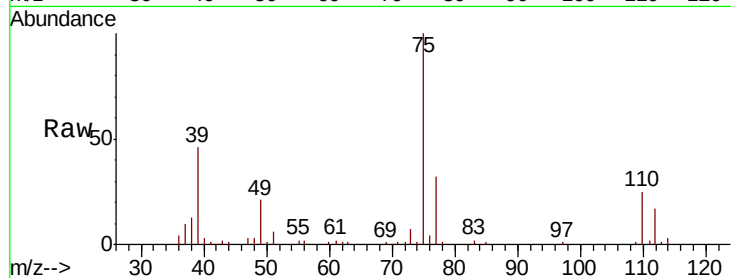
77 31.8 24.9 37.3

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#54

cis-1,3-Dichloropropene

Concen: 36.15 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

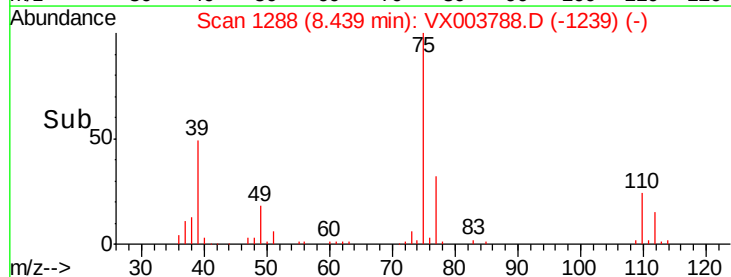
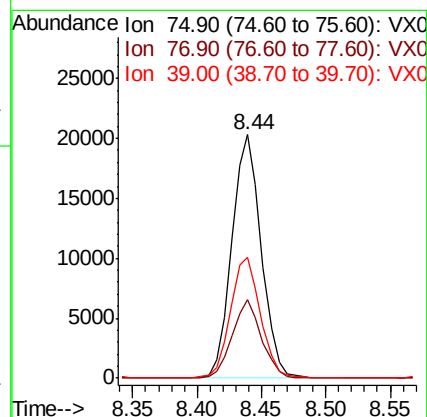
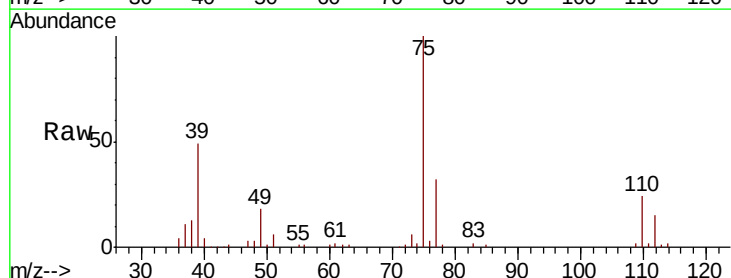
Tgt Ion: 75 Resp: 32315

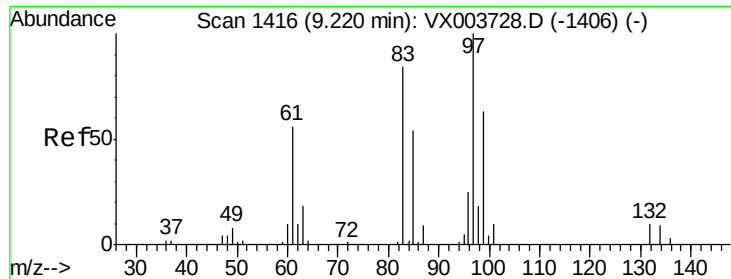
Ion Ratio Lower Upper

75 100

77 32.3 25.3 37.9

39 49.4 34.1 51.1





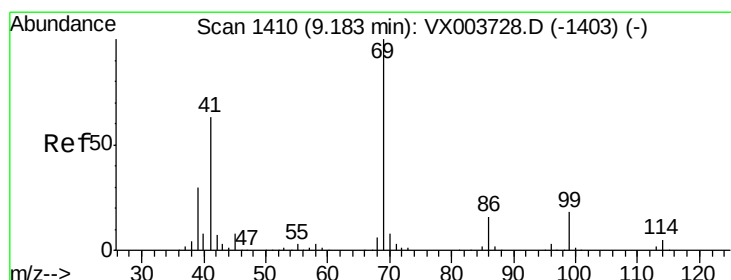
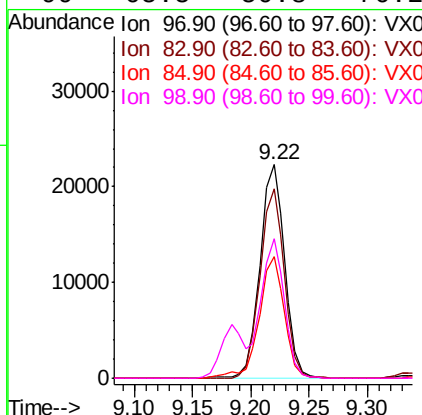
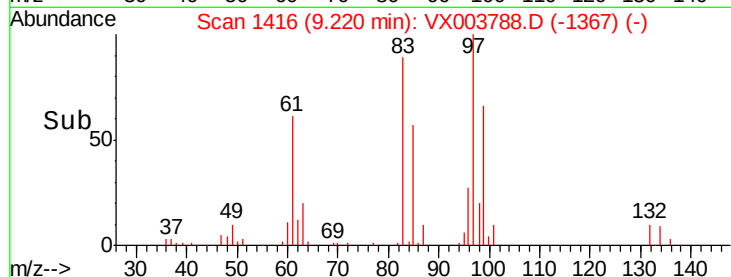
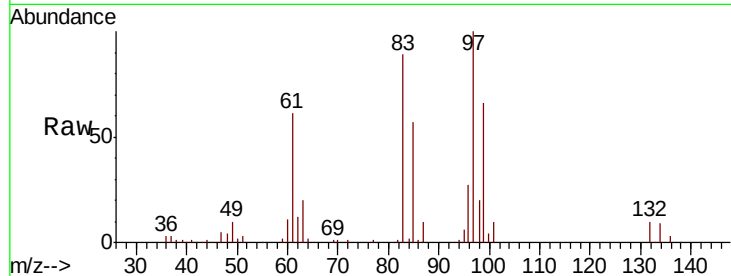
#55
 1,1,2-Trichloroethane
 Concen: 61.78 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003788.D
 Acq: 01 Aug 2018 08:55

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(7-9)MS

Tot Ion:	97	Resp:	32974
Ion	Ratio	Lower	Upper
97	100		
83	88.6	67.4	101.0
85	56.7	43.3	64.9
99	65.5	50.8	76.2

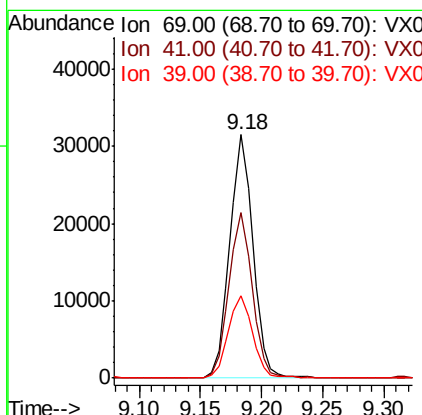
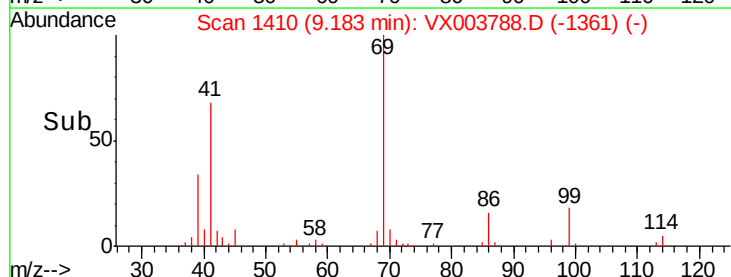
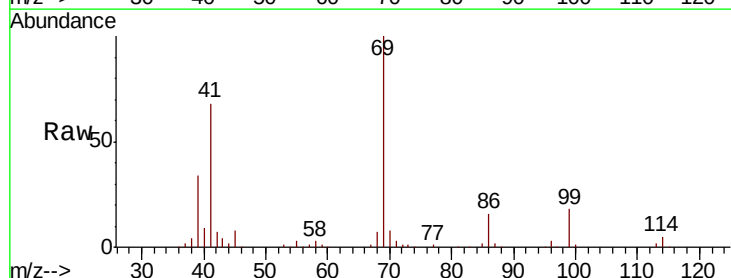
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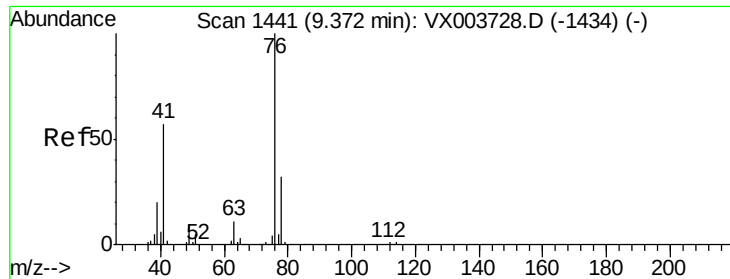
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#56
 Ethyl methacrylate
 Concen: 56.58 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003788.D
 Acq: 01 Aug 2018 08:55

Tgt Ion:	69	Resp:	41476
Ion	Ratio	Lower	Upper
69	100		
41	69.1	51.6	77.4
39	35.9	25.1	37.7





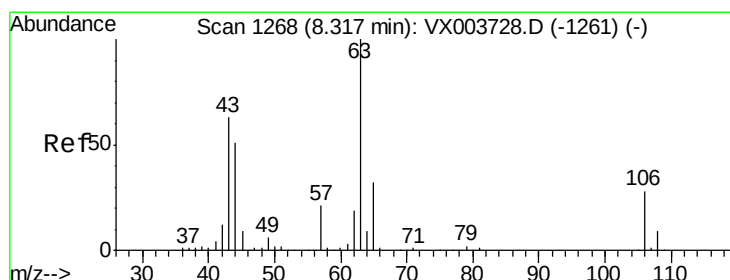
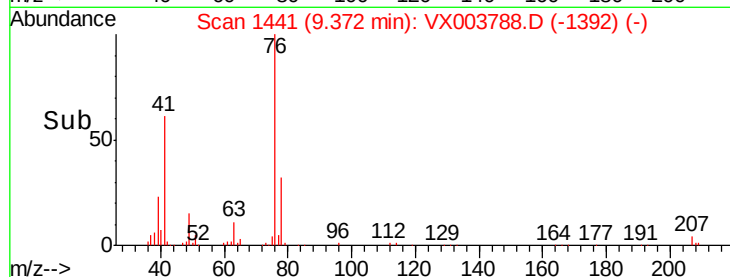
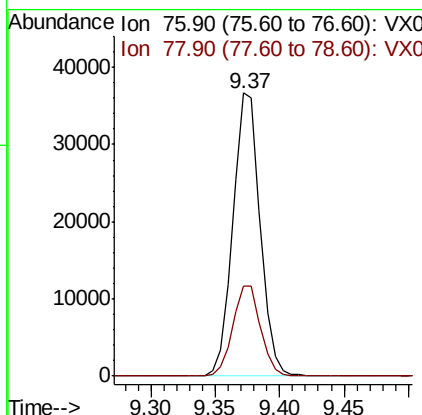
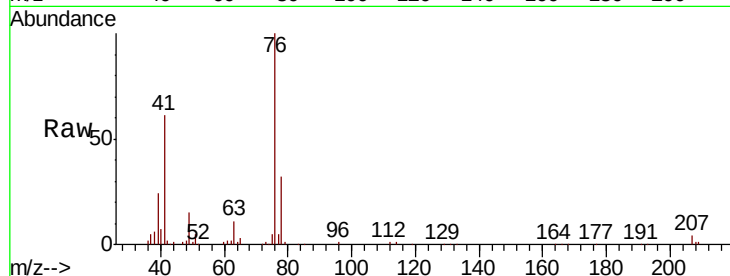
#57
 1,3-Dichloropropane
 Concen: 60.28 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX003788.D
 Acq: 01 Aug 2018 08:55

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(7-9)MS

Tot Ion: 76 Resp: 54002
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.7 38.5

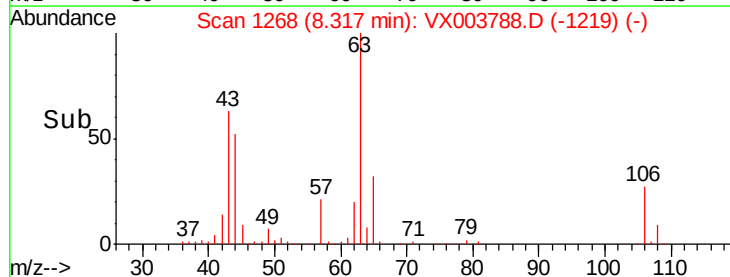
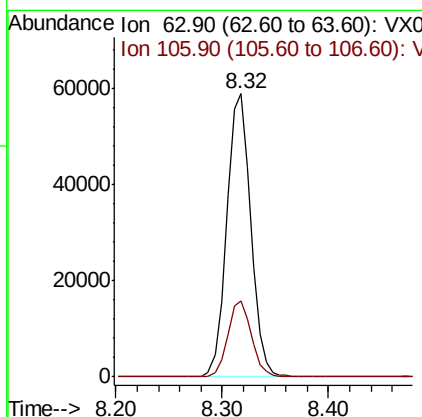
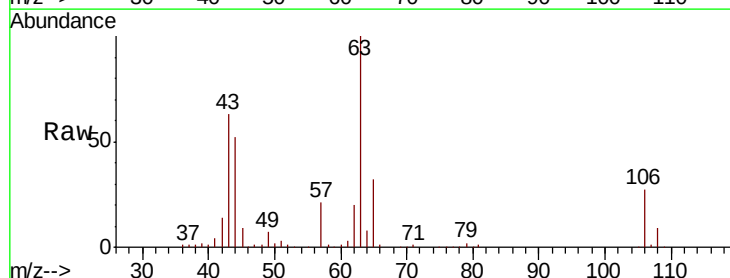
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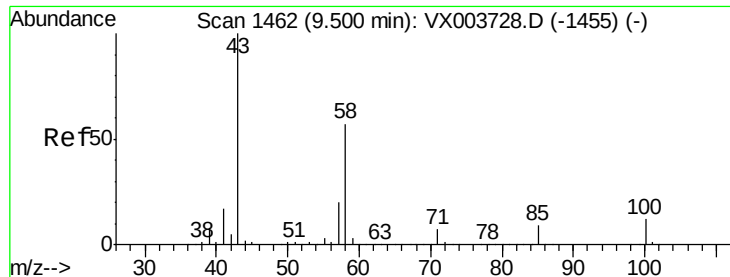
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#58
 2-Chloroethyl Vinyl ether
 Concen: 239.45 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003788.D
 Acq: 01 Aug 2018 08:55

Tgt Ion: 63 Resp: 93395
 Ion Ratio Lower Upper
 63 100
 106 26.4 22.5 33.7





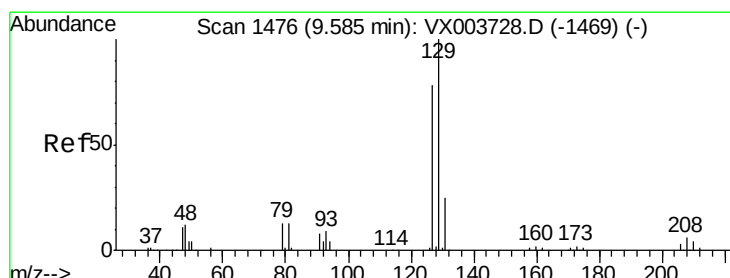
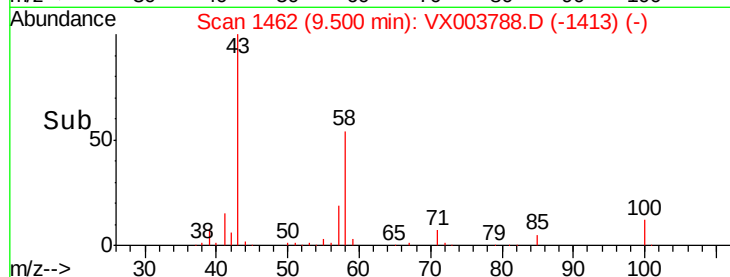
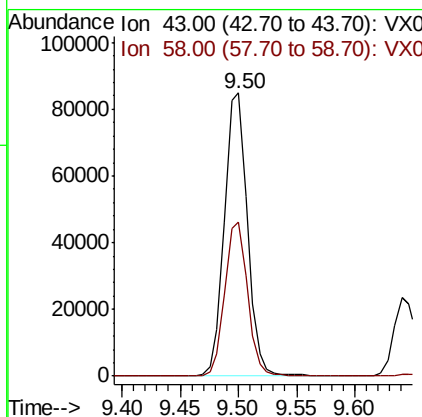
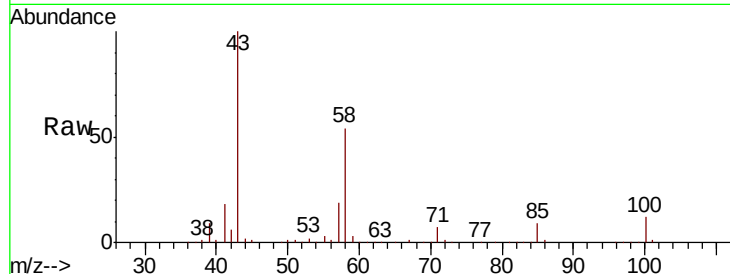
#59
2-Hexanone
Concen: 233.37 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003788.D
Acq: 01 Aug 2018 08:55

Instrument :
MSVOA_X
ClientSampleId :
SB-6(7-9)MS

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.4	28.0	83.9

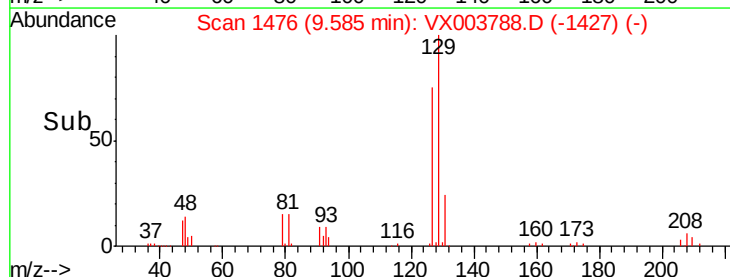
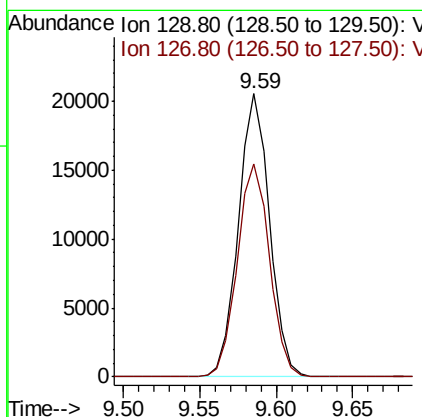
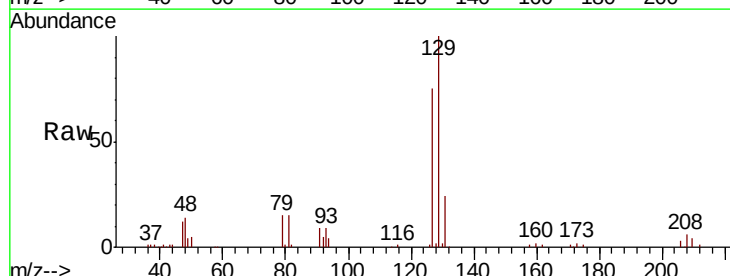
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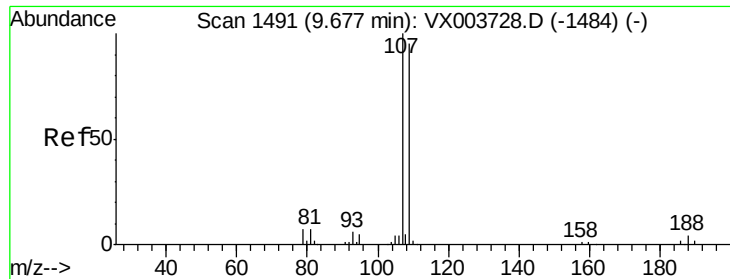
apatel
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#60
Dibromochloromethane
Concen: 53.95 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003788.D
Acq: 01 Aug 2018 08:55

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.8	38.8	116.4





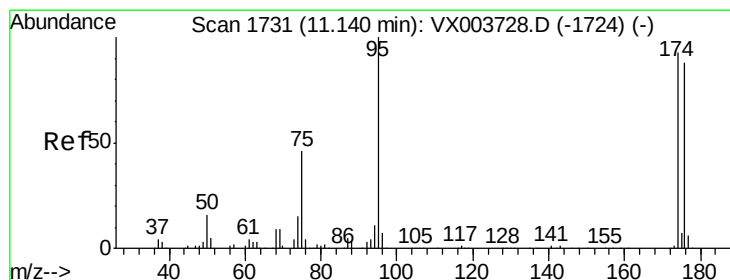
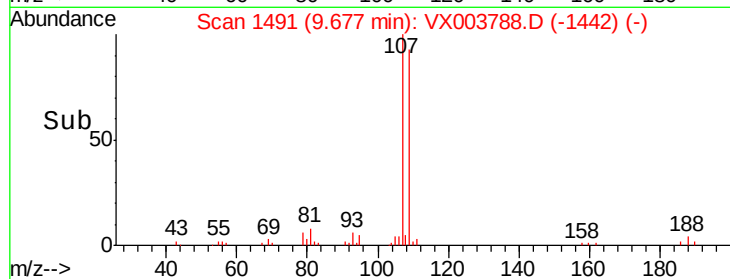
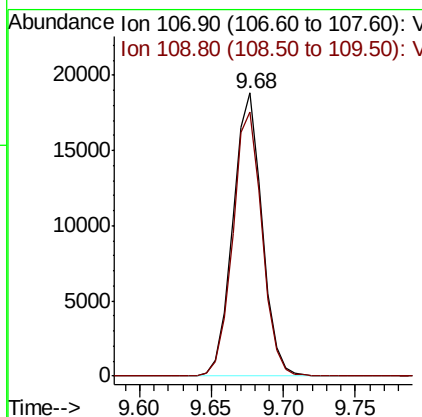
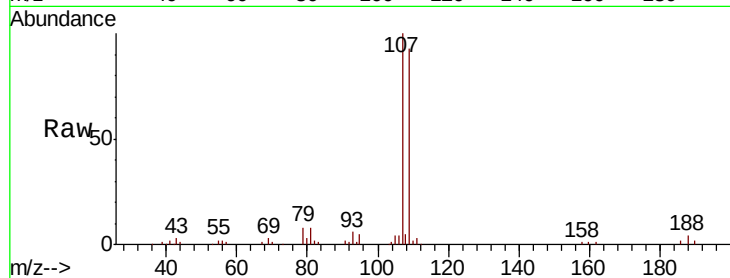
#61
 1,2-Dibromoethane
 Concen: 48.72 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX003788.D
 Acq: 01 Aug 2018 08:55

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(7-9)MS

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.0	112.6

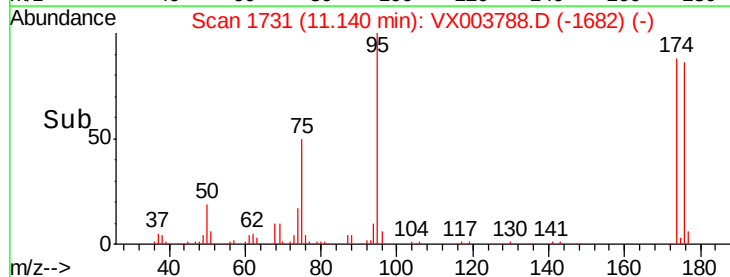
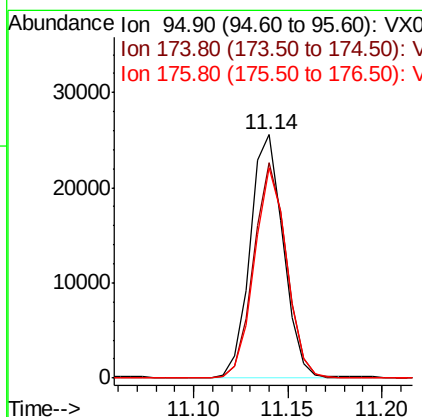
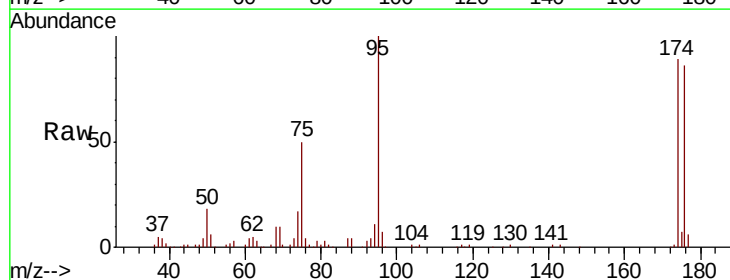
Manual Integrations
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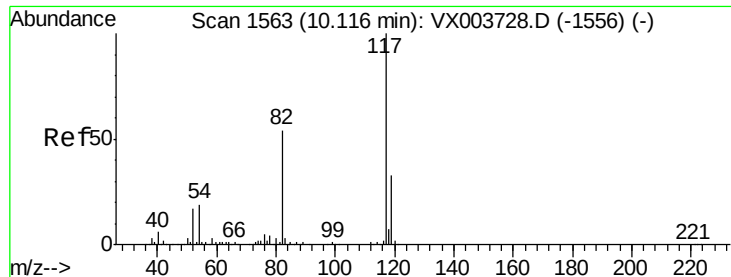
apatel
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#62
 4-Bromofluorobenzene
 Concen: 37.35 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003788.D
 Acq: 01 Aug 2018 08:55

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.8	0.0	186.2
176	84.0	0.0	179.2





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

Instrument :

MSVOA_X

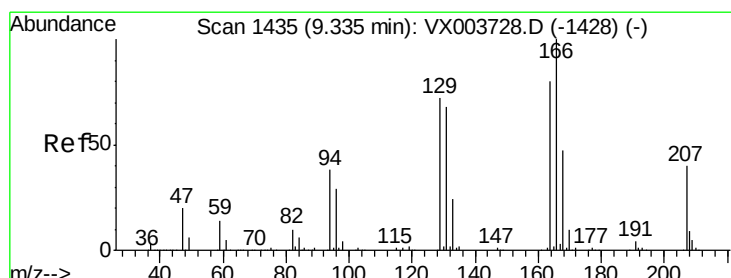
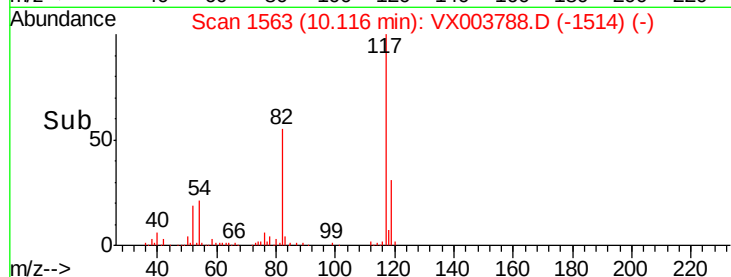
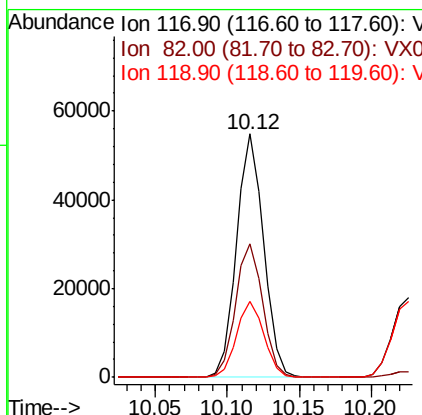
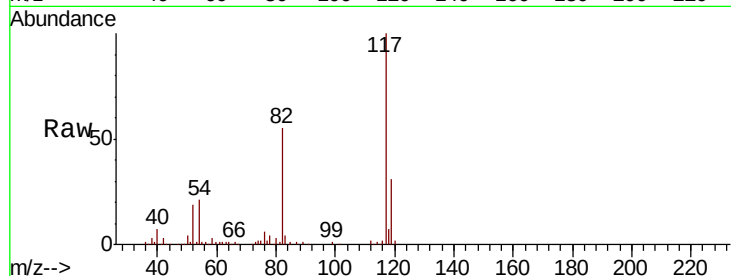
ClientSampleId :

SB-6(7-9)MS

Tot Ion:	117	Resp:	71820
Ion Ratio	Lower	Upper	
117	100		
82	54.9	43.2	64.8
119	31.3	26.3	39.5

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#64

Tetrachloroethene

Concen: 65.66 ug/l

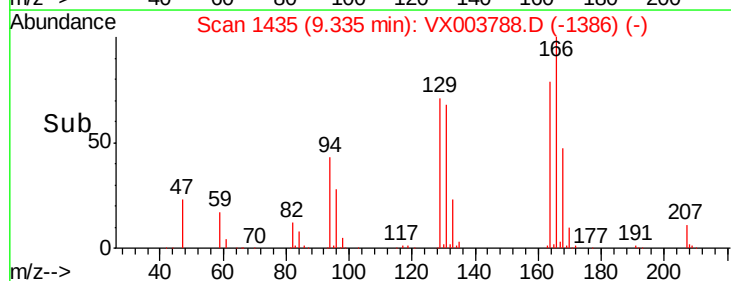
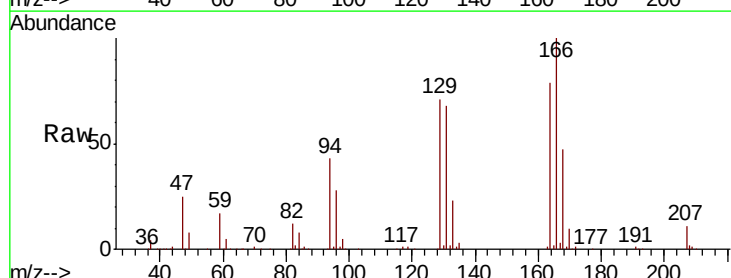
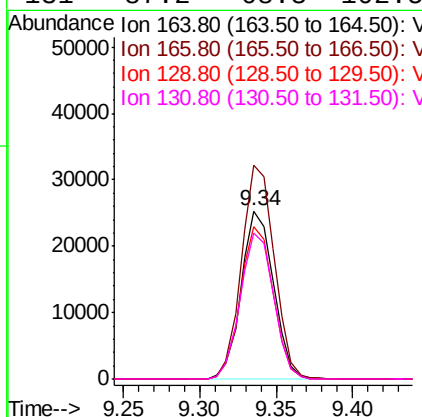
RT: 9.34 min Scan# 1435

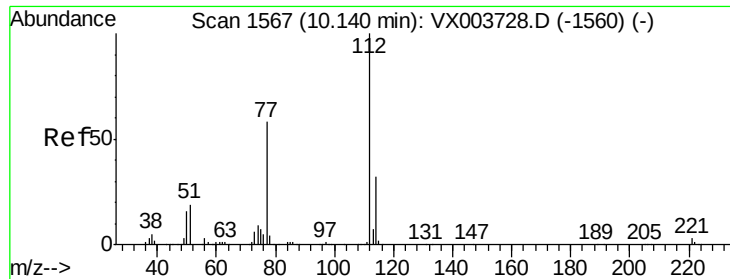
Delta R.T. 0.00 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

Tgt Ion:	164	Resp:	37069
Ion Ratio	Lower	Upper	
164	100		
166	127.4	100.4	150.6
129	90.6	71.8	107.8
131	87.2	68.3	102.5





#65

Chlorobenzene

Concen: 49.89 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

Instrument :

MSVOA_X

ClientSampled :

SB-6(7-9)MS

Tot Ion:112 Resp: 74881

Ion Ratio Lower Upper

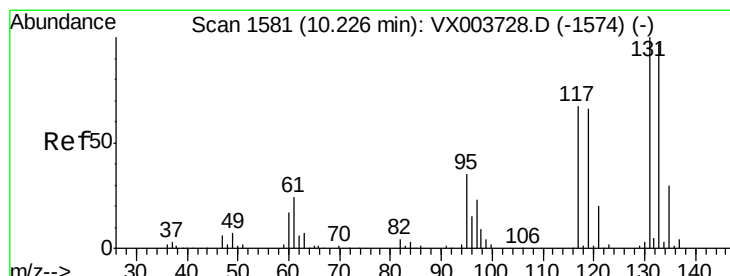
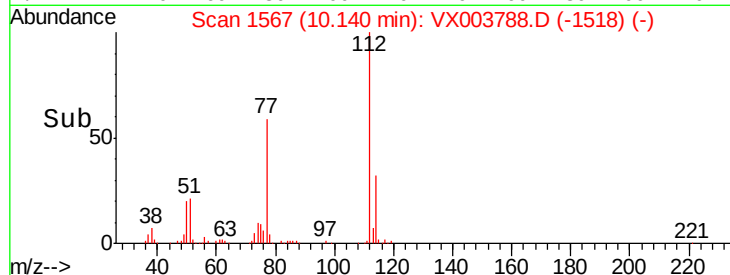
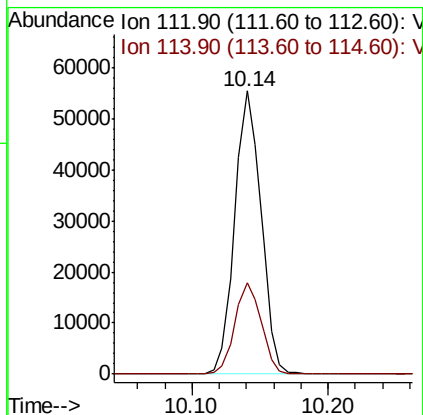
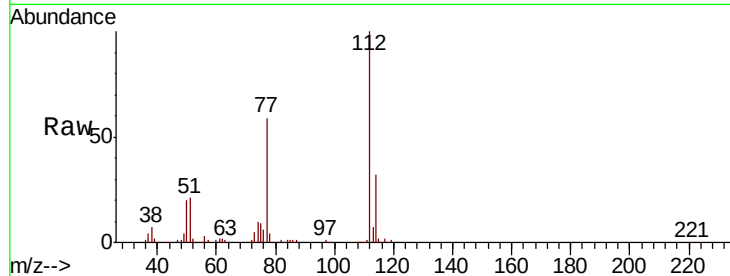
112 100

114 32.1 25.7 38.5

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 73.74 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

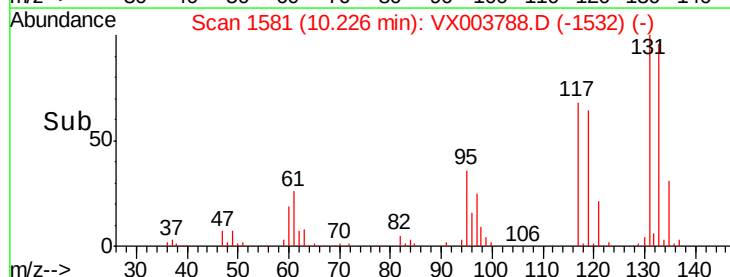
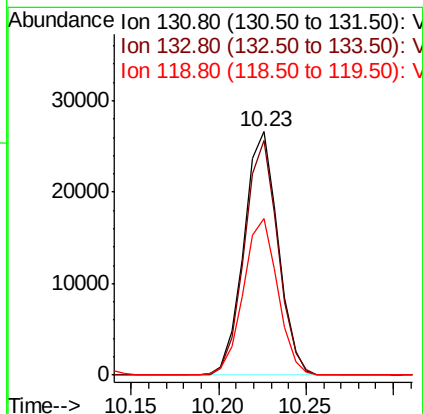
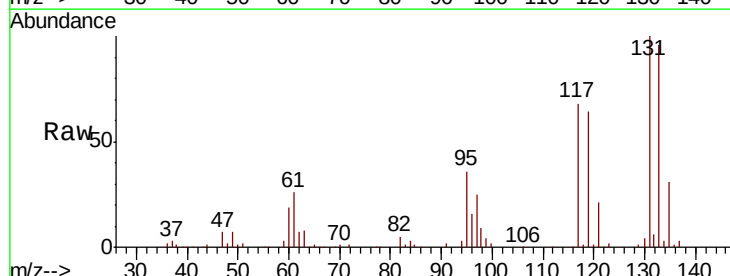
Tgt Ion:131 Resp: 36089

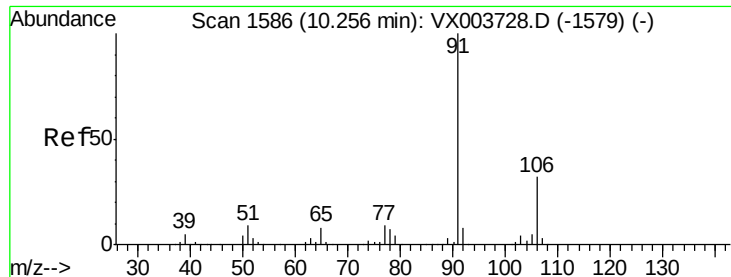
Ion Ratio Lower Upper

131 100

133 94.7 47.6 142.9

119 64.6 32.8 98.3





#67

Ethyl Benzene

Concen: 60.54 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

Instrument :

MSVOA_X

ClientSampleId :

SB-6(7-9)MS

Tot Ion: 91 Resp: 153425

Ion Ratio Lower Upper

91 100

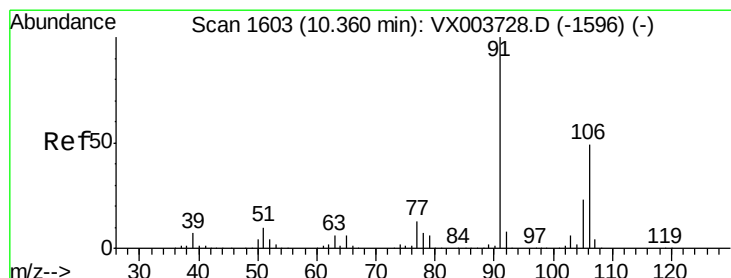
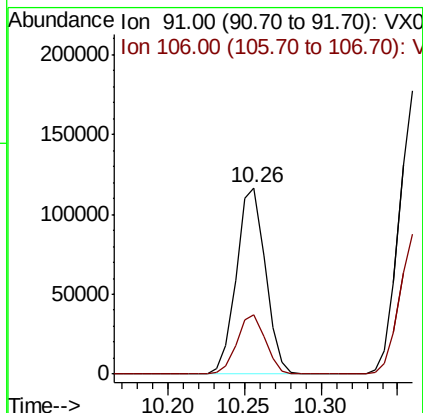
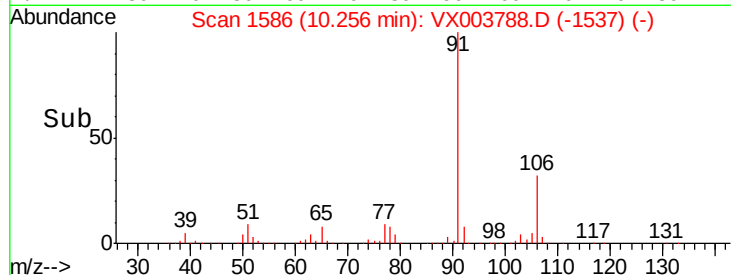
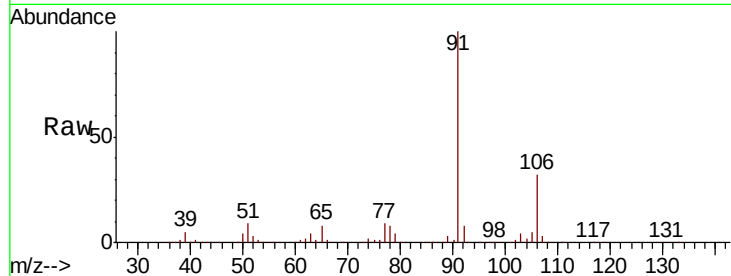
106 32.0 25.4 38.2

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#68

m/p-Xylenes

Concen: 116.69 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003788.D

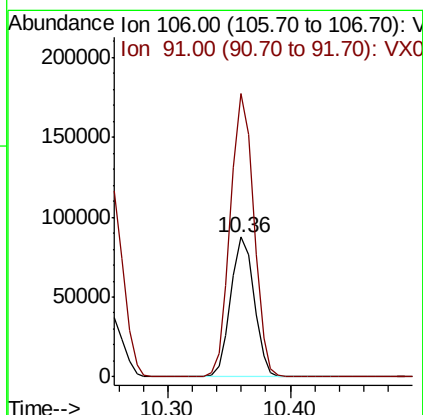
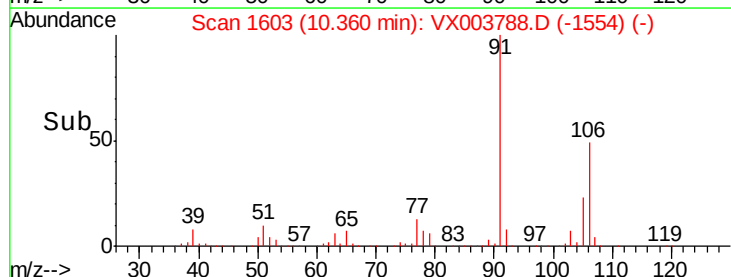
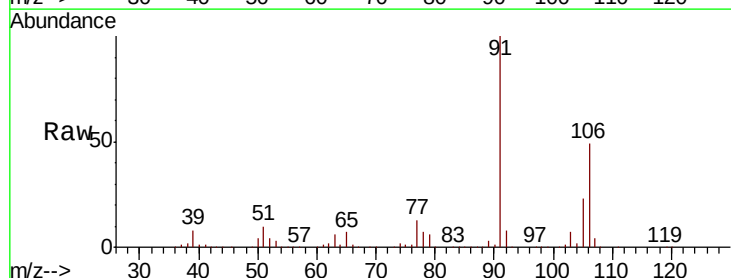
Acq: 01 Aug 2018 08:55

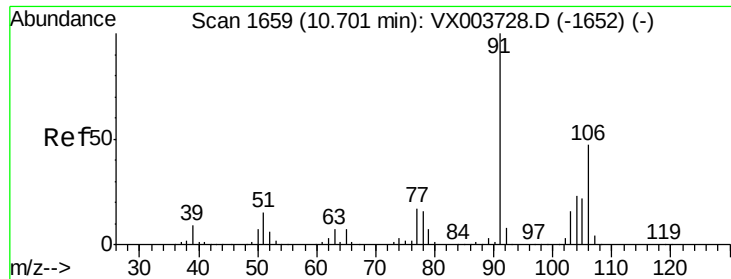
Tgt Ion: 106 Resp: 115676

Ion Ratio Lower Upper

106 100

91 203.3 159.8 239.8





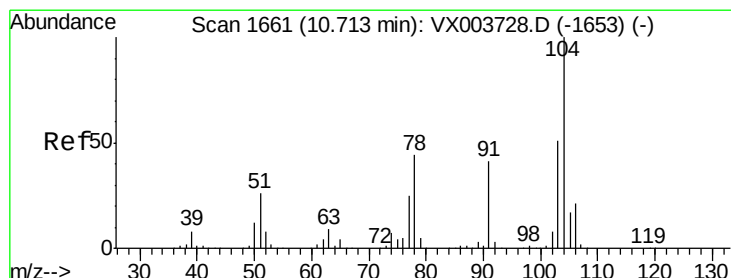
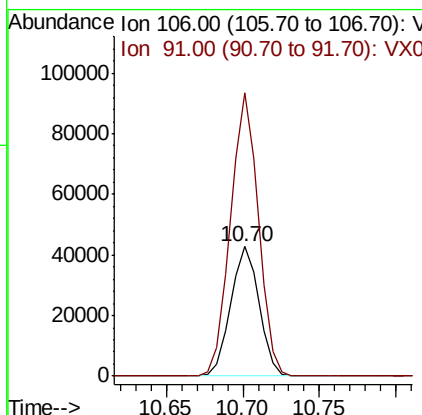
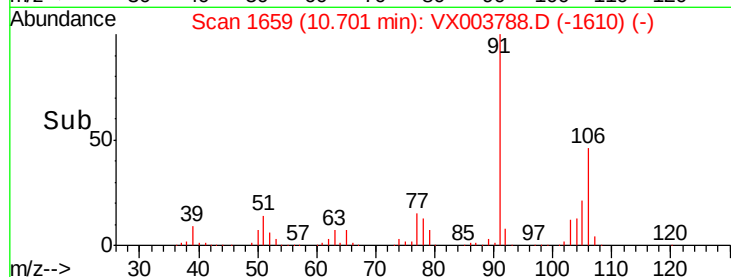
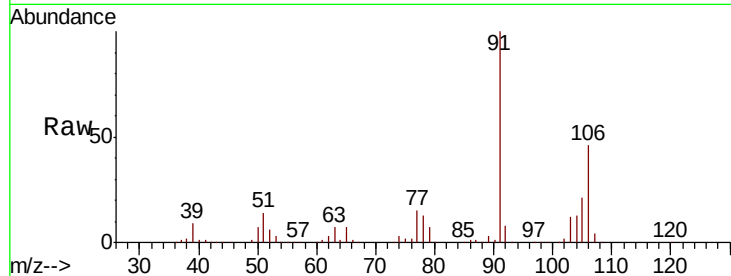
#69
o-Xylene
Concen: 59.53 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003788.D
Acq: 01 Aug 2018 08:55

Instrument :
MSVOA_X
ClientSampled :
SB-6(7-9)MS

Tot Ion:106 Resp: 54801
Ion Ratio Lower Upper
106 100
91 215.5 105.6 316.8

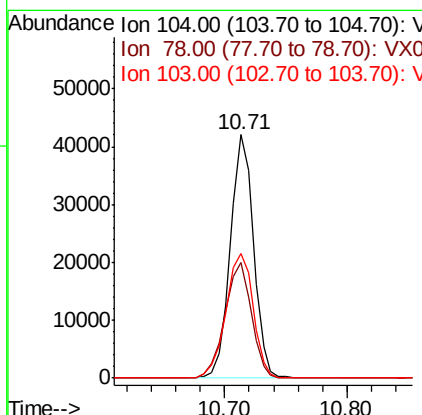
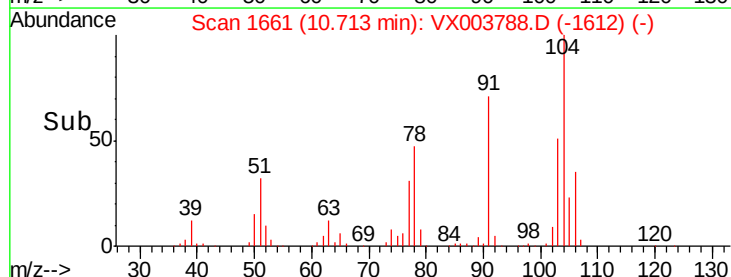
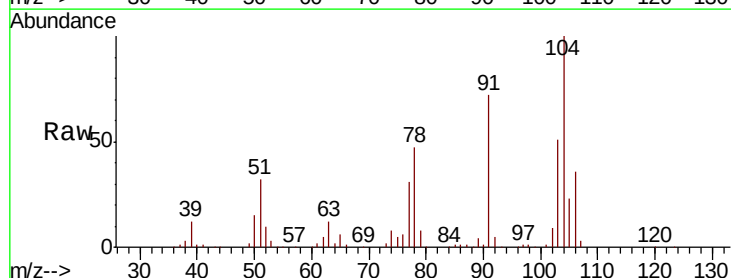
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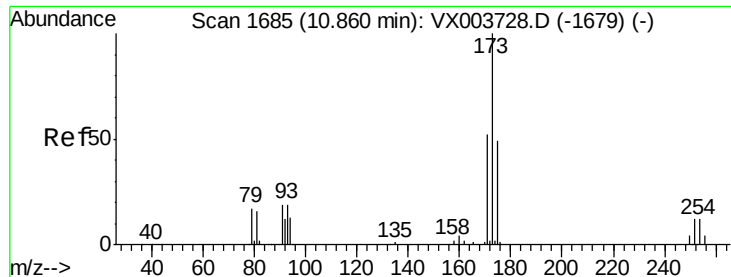
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#70
Styrene
Concen: 35.43 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003788.D
Acq: 01 Aug 2018 08:55

Tgt Ion:104 Resp: 54863
Ion Ratio Lower Upper
104 100
78 54.7 38.2 57.2
103 60.4 44.5 66.7





#71

Bromoform

Concen: 55.59 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

Instrument :

MSVOA_X

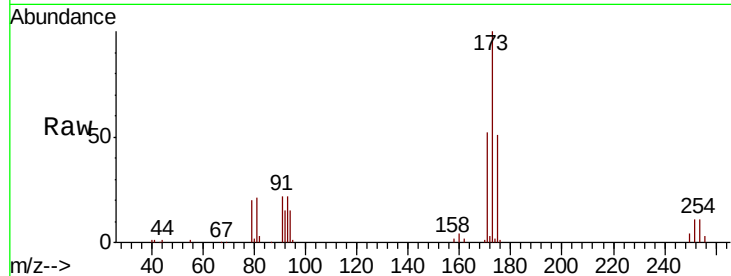
ClientSampleId :

SB-6(7-9)MS

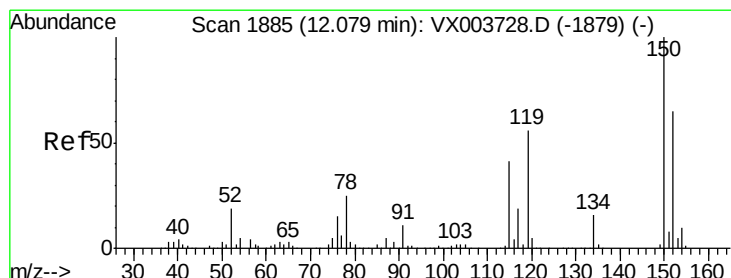
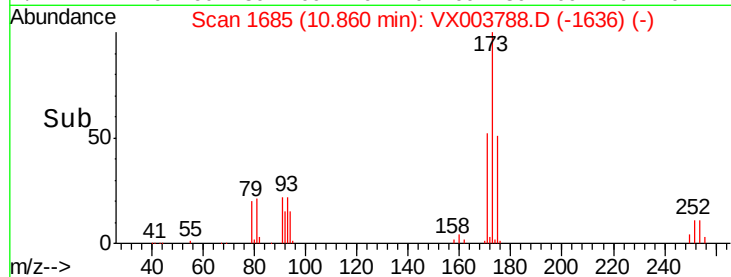
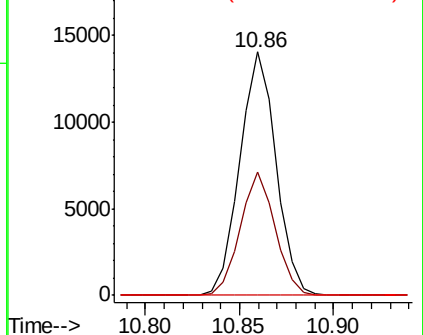
Tot Ion:	173	Resp:	18708
Ion Ratio	Lower	Upper	
173	100		
175	49.2	24.9	74.6
254	0.0	0.0	0.0

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

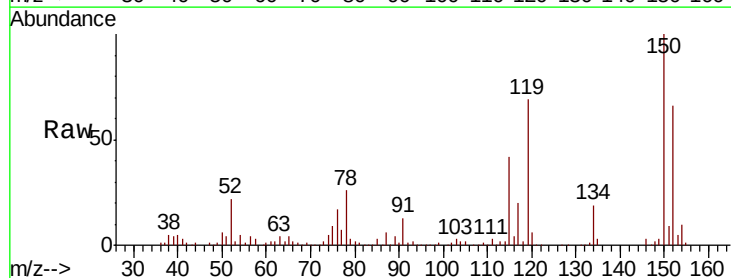
RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

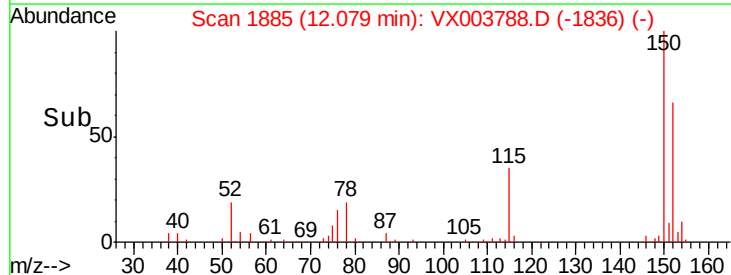
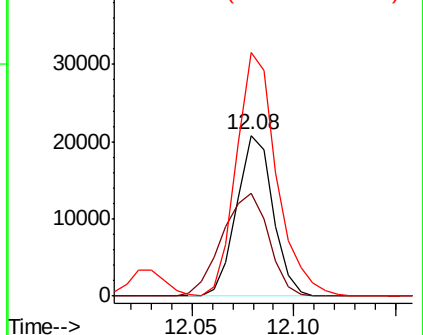
Lab File: VX003788.D

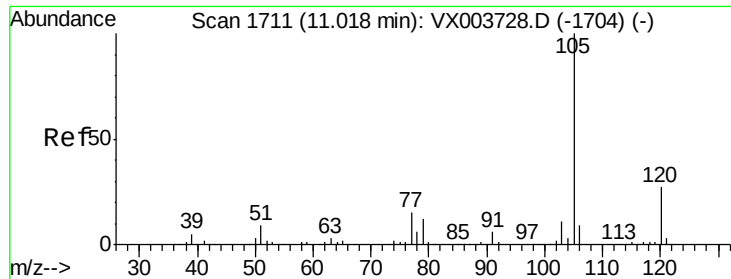
Acq: 01 Aug 2018 08:55

Tgt Ion:	152	Resp:	25653
Ion Ratio	Lower	Upper	
152	100		
115	82.3	38.5	115.3
150	168.6	0.0	346.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 82.56 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.01 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

Instrument :

MSVOA_X

ClientSampled :

SB-6(7-9)MS

Tot Ion:105 Resp: 132584

Ion Ratio Lower Upper

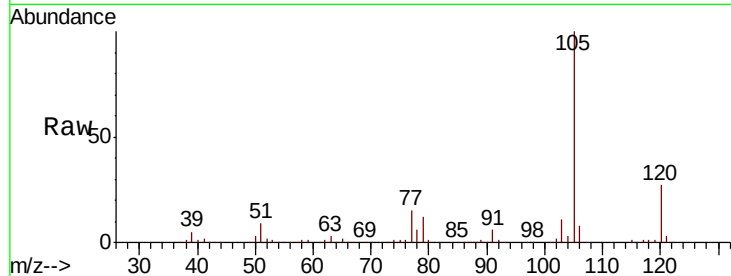
105 100

120 26.3 13.5 40.5

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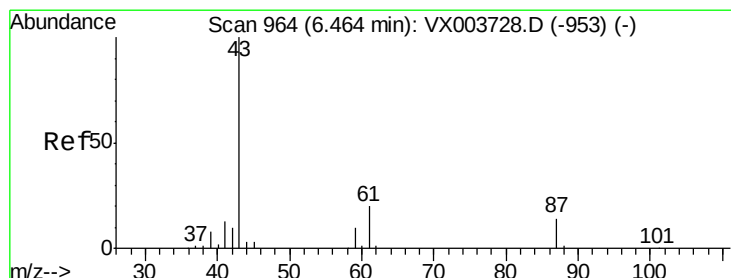
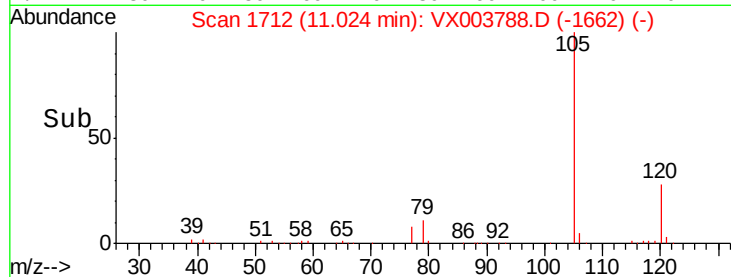
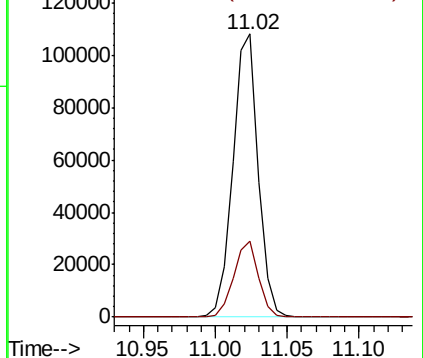
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 107.03 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

Tgt Ion: 43 Resp: 60925

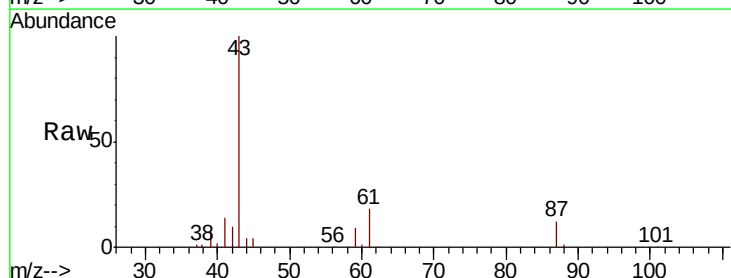
Ion Ratio Lower Upper

43 100

70 0.0 31.0 46.6#

55 0.0 18.9 28.3#

61 19.1 17.8 26.8

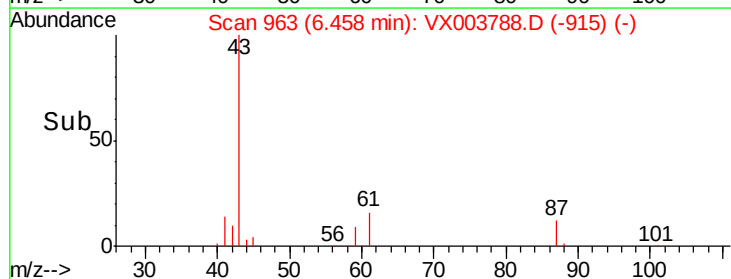
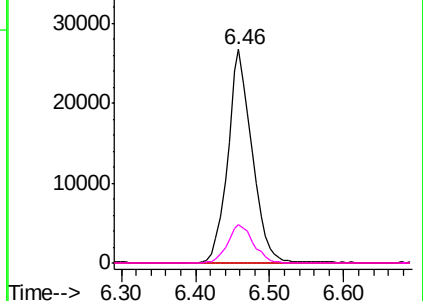


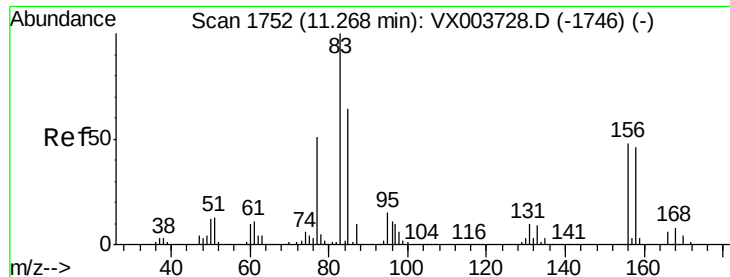
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 97.99 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

Instrument :

MSVOA_X

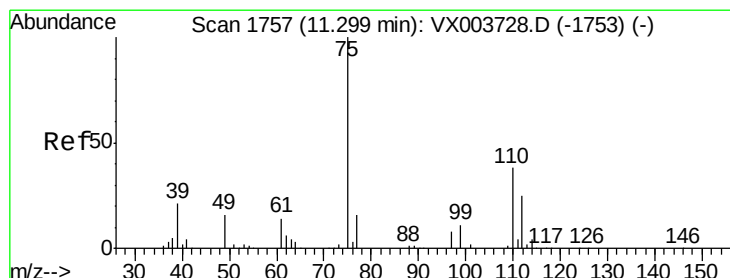
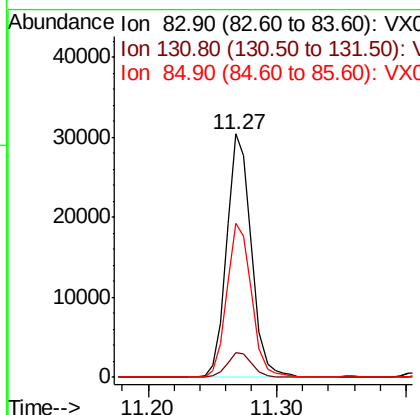
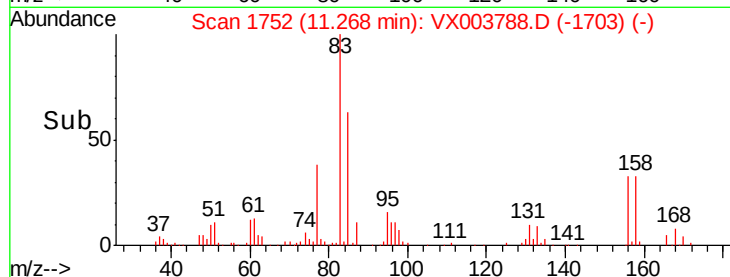
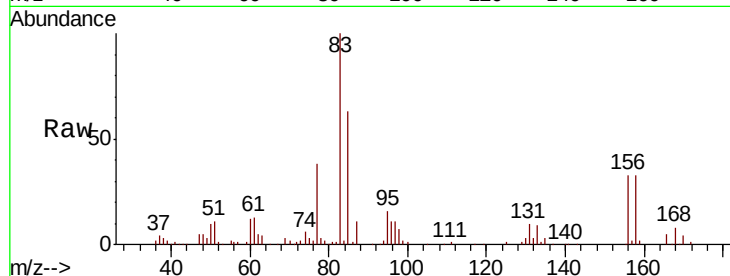
ClientSampled :

SB-6(7-9)MS

Tot Ion:	83	Resp:	40911
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.3	15.9
85	63.5	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 98.41 ug/l m

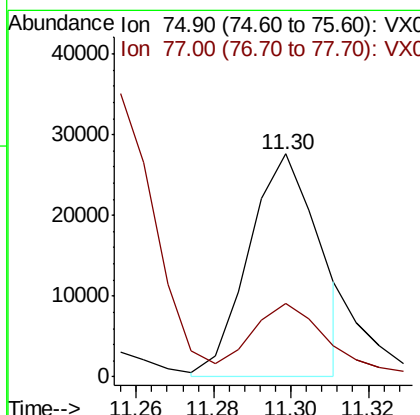
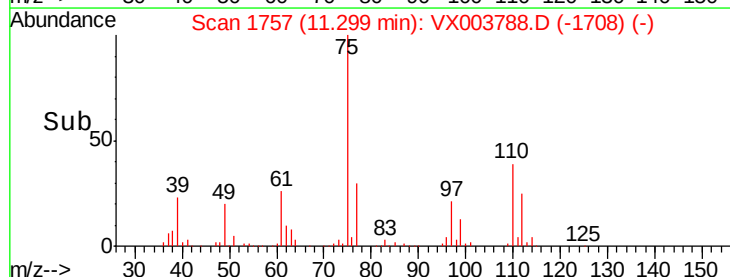
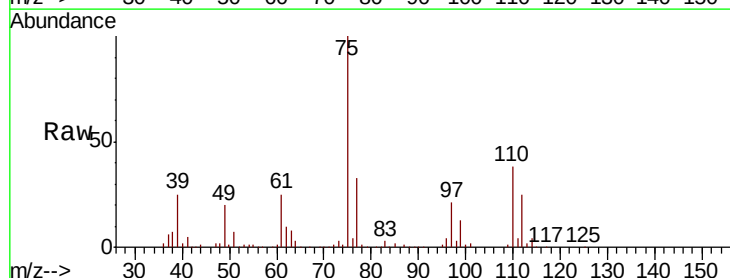
RT: 11.30 min Scan# 1757

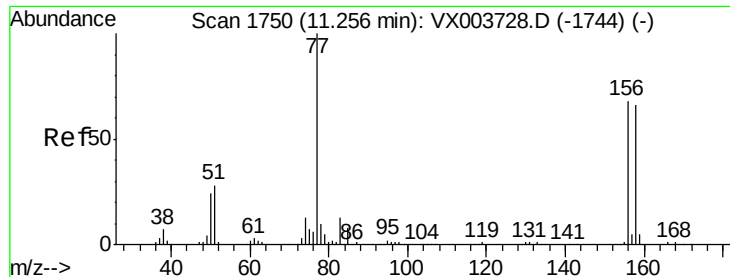
Delta R.T. 0.00 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

Tgt Ion:	75	Resp:	34796
Ion Ratio	Lower	Upper	
75	100		
77	36.3	21.6	65.0





#77

Bromobenzene

Concen: 68.56 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

Instrument :

MSVOA_X

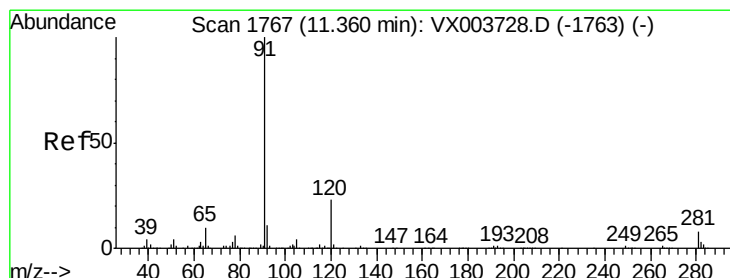
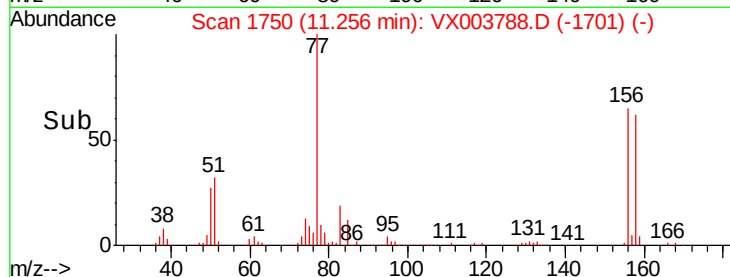
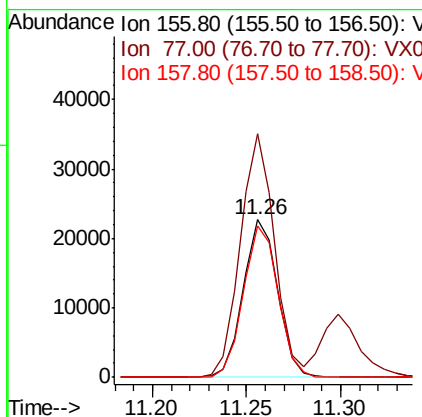
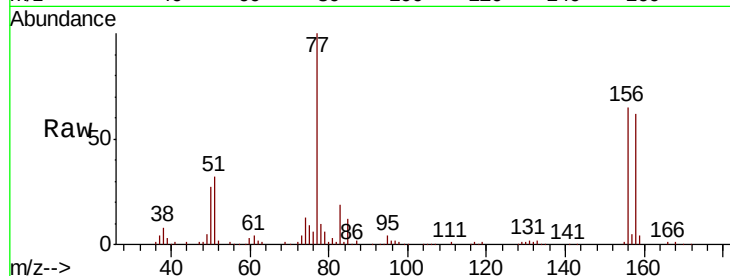
ClientSampleId :

SB-6(7-9)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		28706		
77	153.5	71.8	215.3		
158	96.6	48.8	146.4		

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#78

n-propylbenzene

Concen: 67.35 ug/l

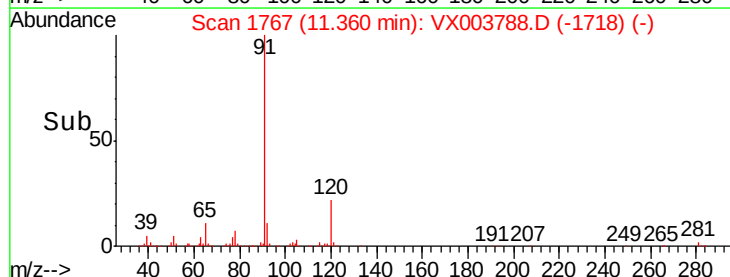
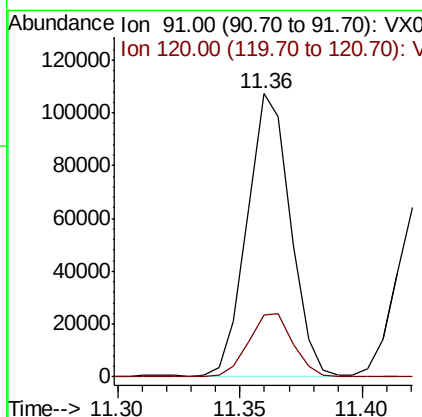
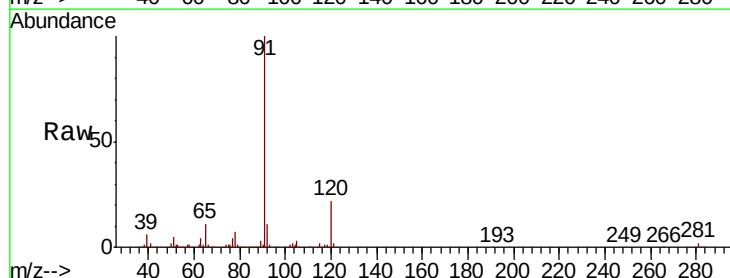
RT: 11.36 min Scan# 1767

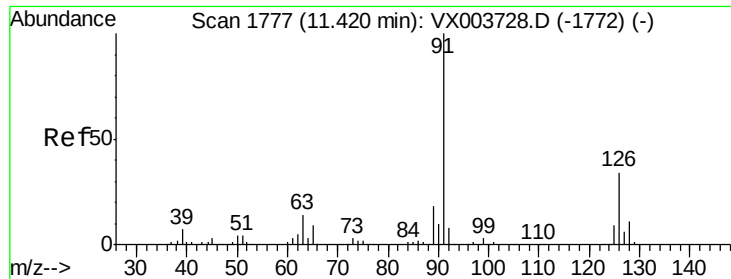
Delta R.T. 0.00 min

Lab File: VX003788.D

Acq: 01 Aug 2018 08:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		131029		
120	23.0	11.9	35.5		





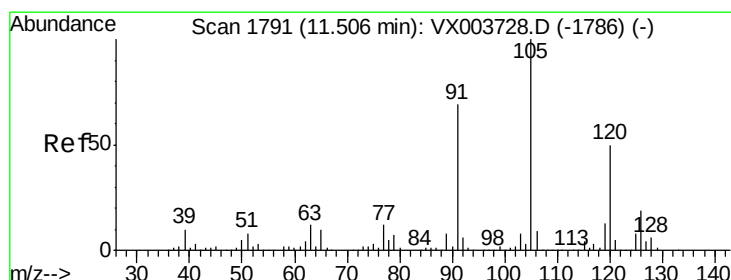
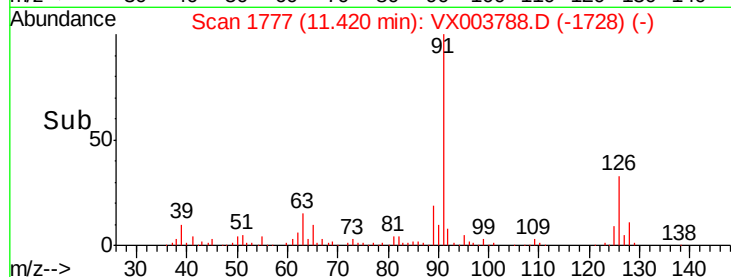
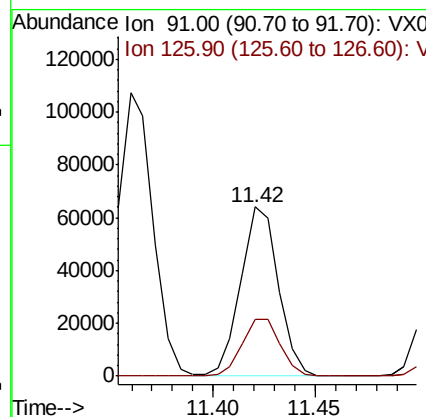
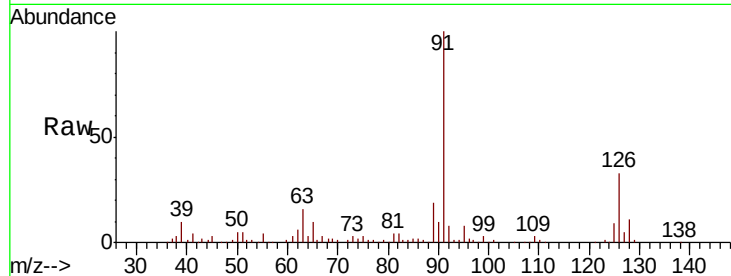
#79
 2-Chlorotoluene
 Concen: 73.95 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: VX003788.D
 Acq: 01 Aug 2018 08:55

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(7-9)MS

Tot Ion: 91 Resp: 81680
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.6 52.8

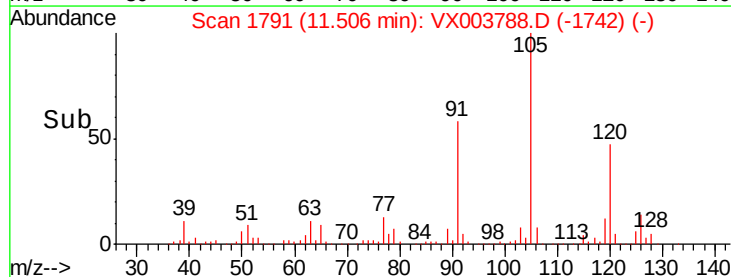
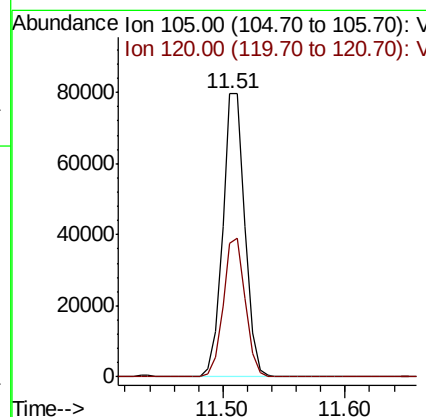
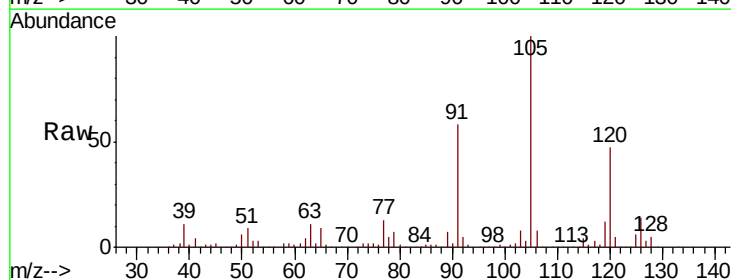
Manual Integrations
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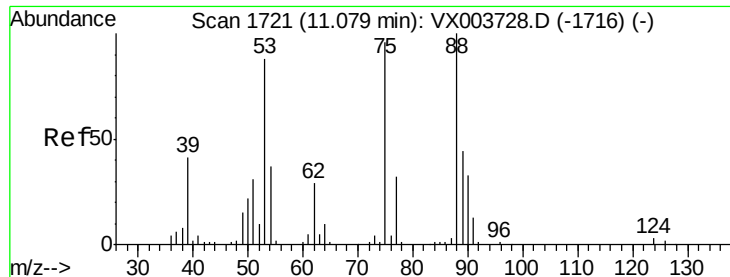
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#80
 1,3,5-Trimethylbenzene
 Concen: 73.23 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003788.D
 Acq: 01 Aug 2018 08:55

Tgt Ion: 105 Resp: 100377
 Ion Ratio Lower Upper
 105 100
 120 48.8 15.8 47.4#





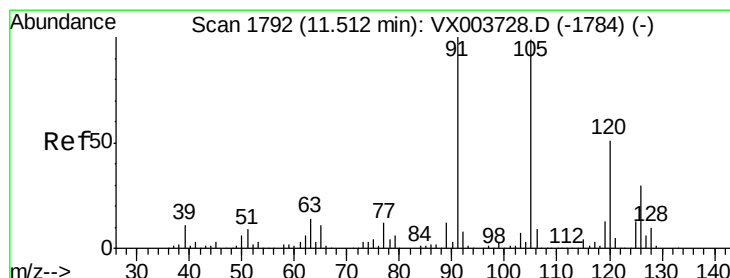
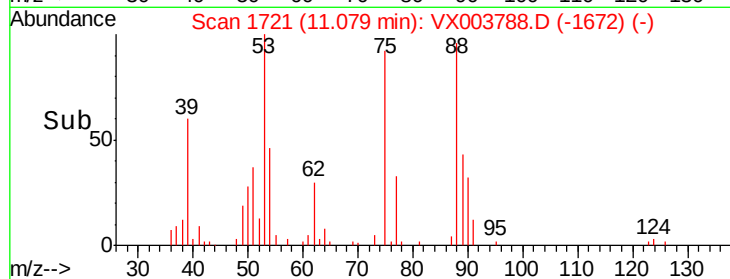
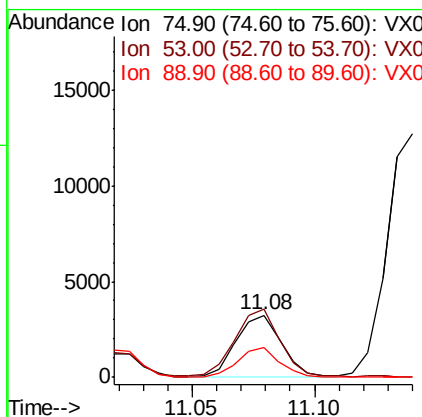
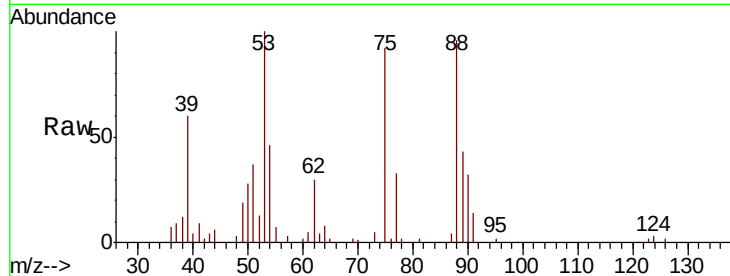
#81
trans-1,4-Dichloro-2-butene
Concen: 35.42 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003788.D
Acq: 01 Aug 2018 08:55

Instrument :
MSVOA_X
ClientSampleId :
SB-6(7-9)MS

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.9	75.8	113.8
89	43.5	39.1	58.7

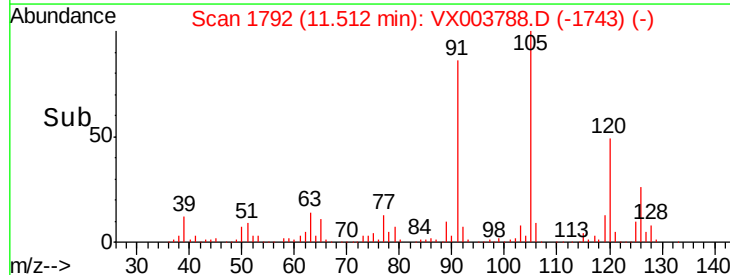
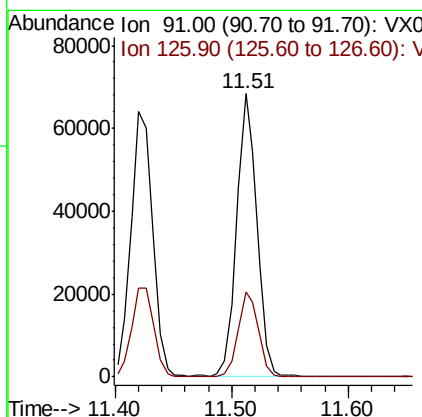
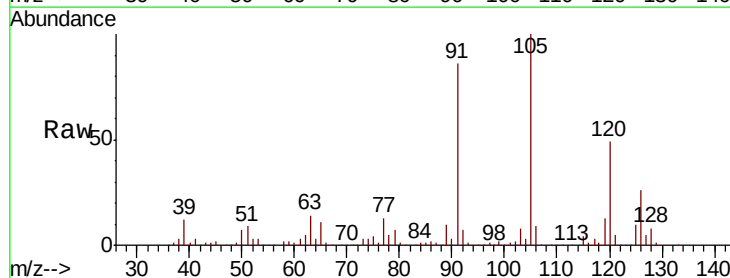
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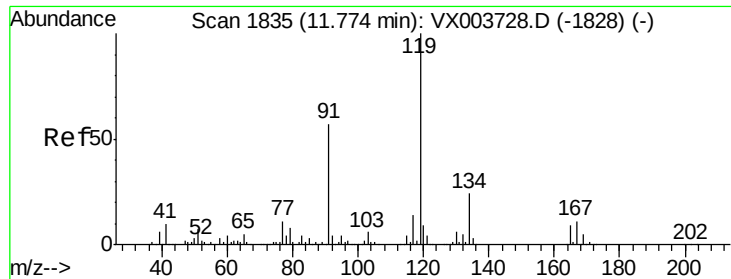
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#82
4-Chlorotoluene
Concen: 61.81 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003788.D
Acq: 01 Aug 2018 08:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.8	15.6	46.7





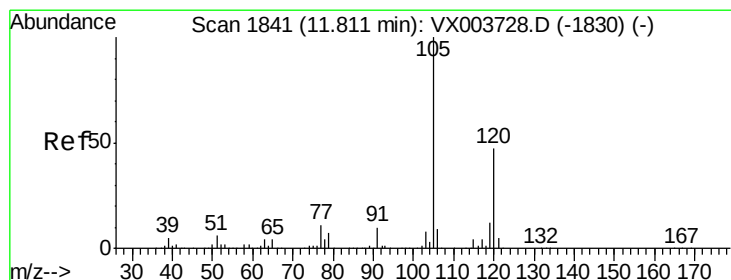
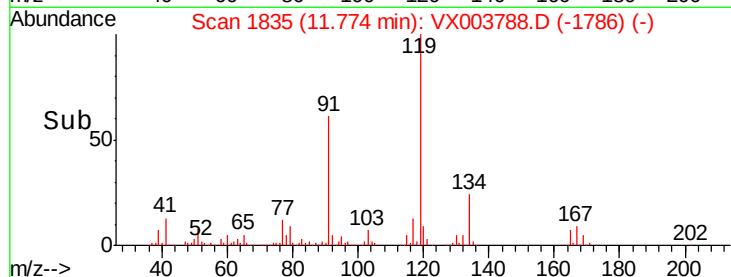
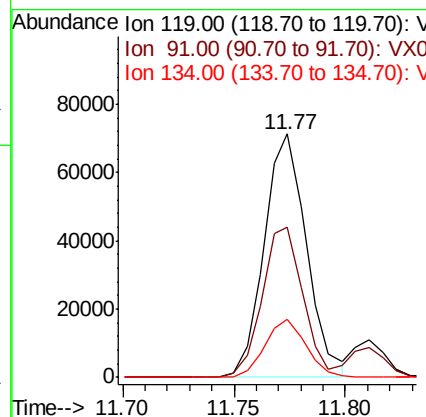
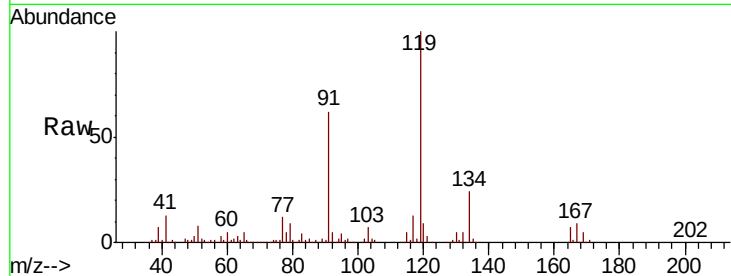
#83
 tert-Butylbenzene
 Concen: 69.50 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003788.D
 Acq: 01 Aug 2018 08:55

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(7-9)MS

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.4	27.2	81.6
134	23.2	11.6	34.8

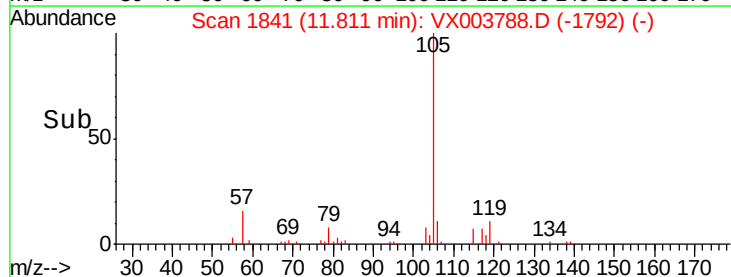
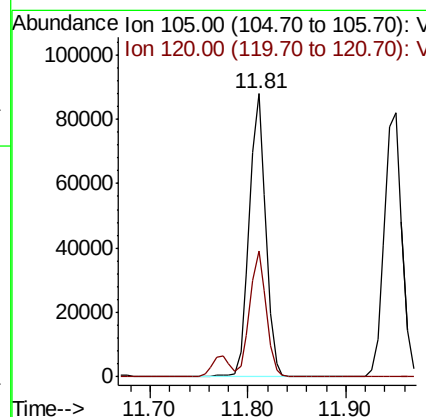
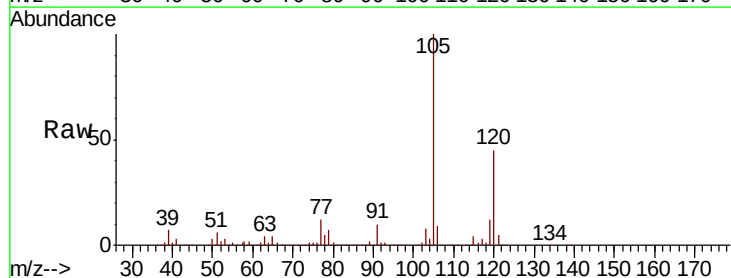
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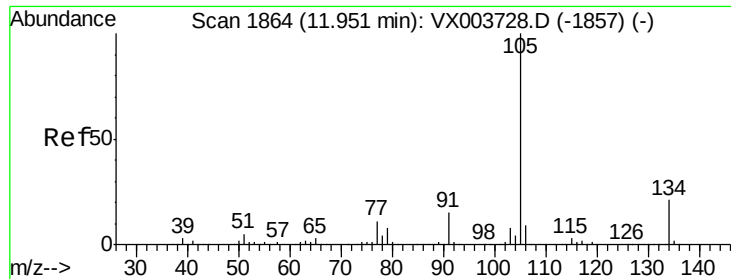
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#84
 1,2,4-Trimethylbenzene
 Concen: 73.13 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003788.D
 Acq: 01 Aug 2018 08:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	23.1	69.2





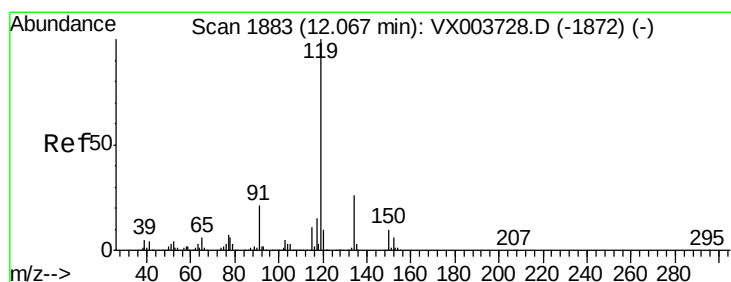
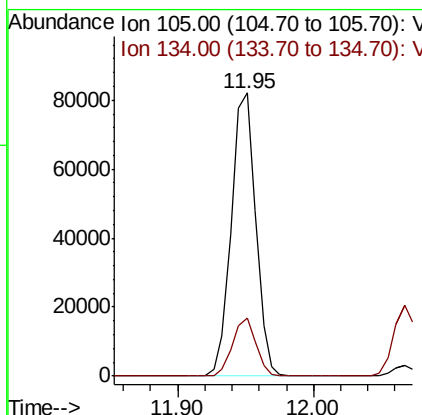
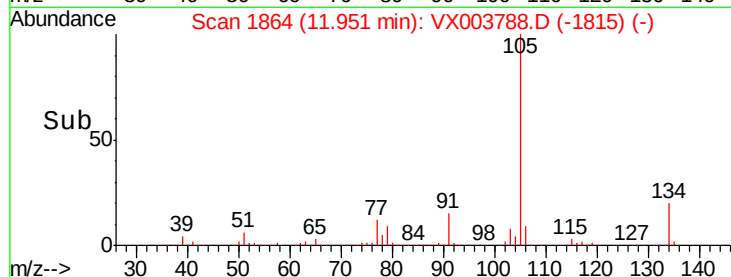
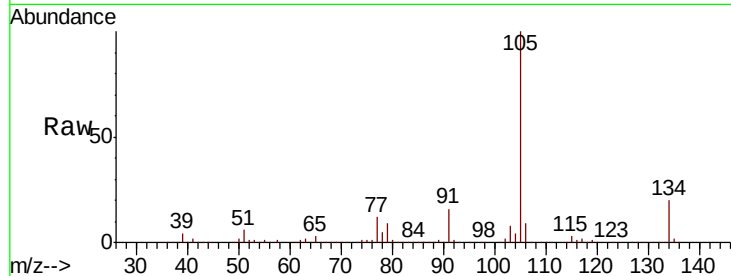
#85
 sec-Butylbenzene
 Concen: 59.20 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003788.D
 Acq: 01 Aug 2018 08:55

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(7-9)MS

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	10.3	30.8

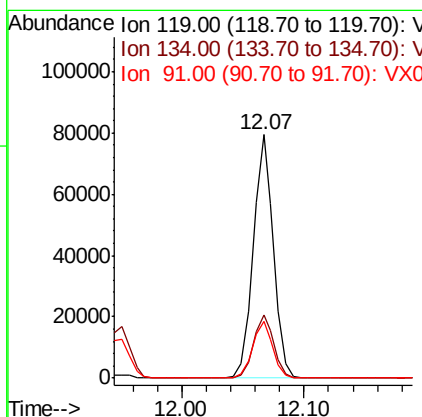
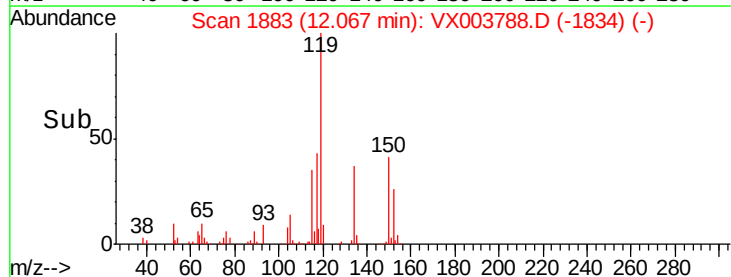
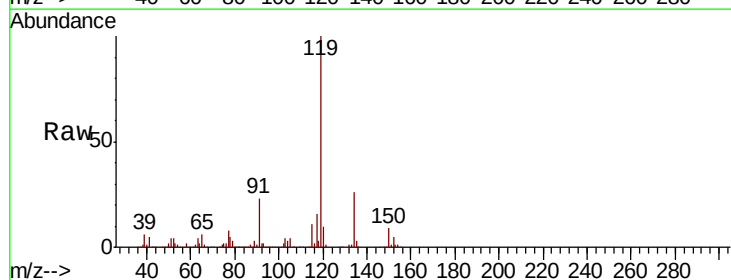
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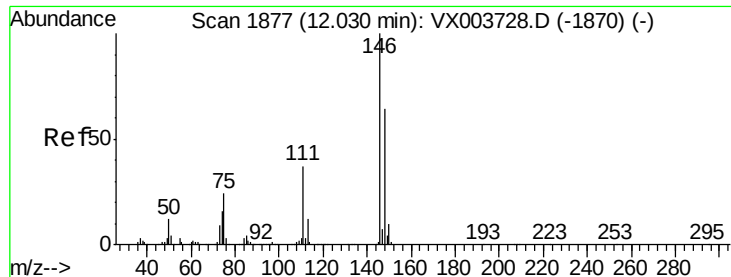
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#86
 p-Isopropyltoluene
 Concen: 57.90 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003788.D
 Acq: 01 Aug 2018 08:55

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	10.1	30.1
91	23.5	23.6	70.8#





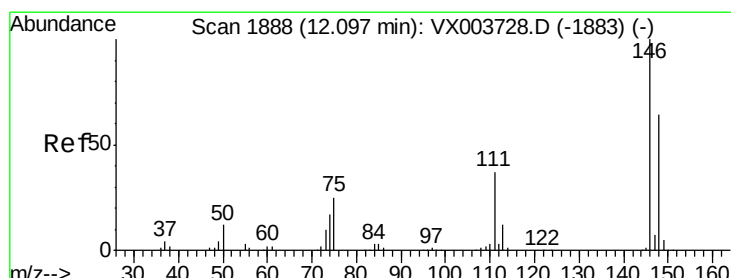
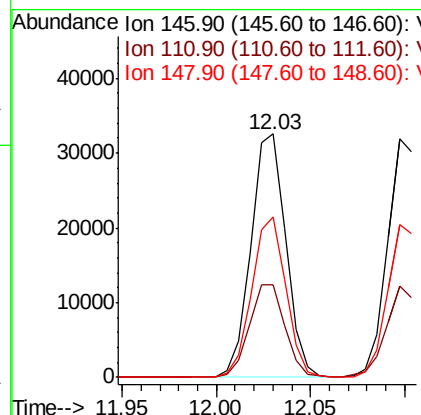
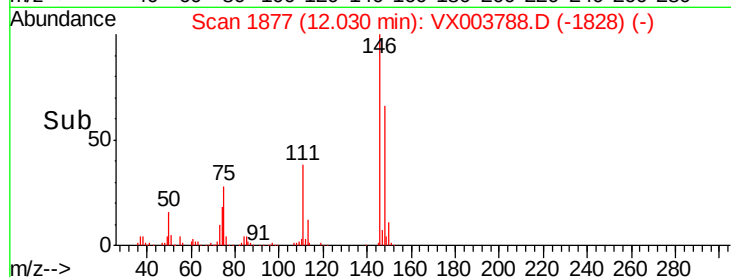
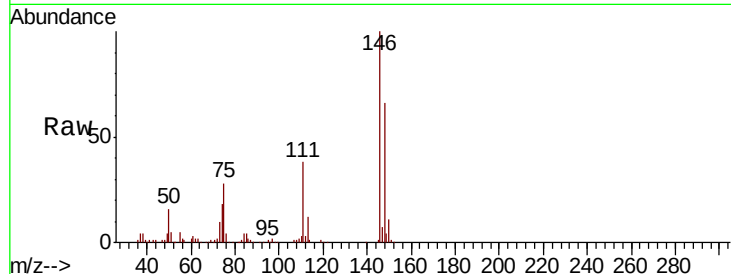
#87
 1,3-Dichlorobenzene
 Concen: 49.44 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003788.D
 Acq: 01 Aug 2018 08:55

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-6(7-9)MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	18.8	56.3
148	64.4	31.9	95.9

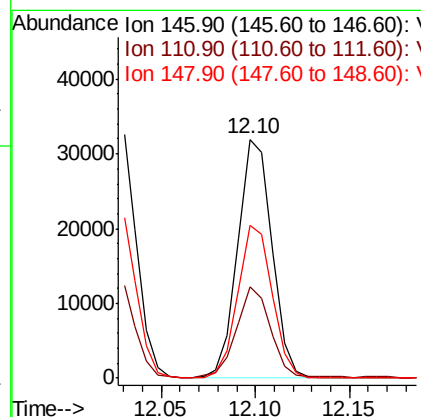
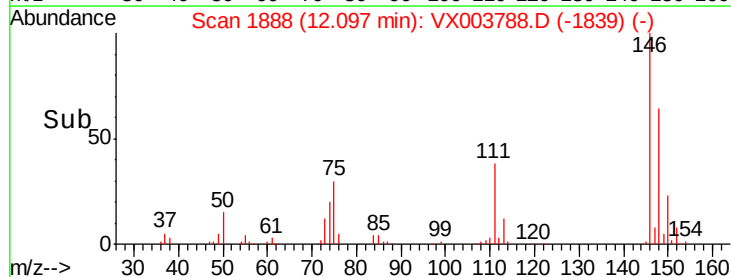
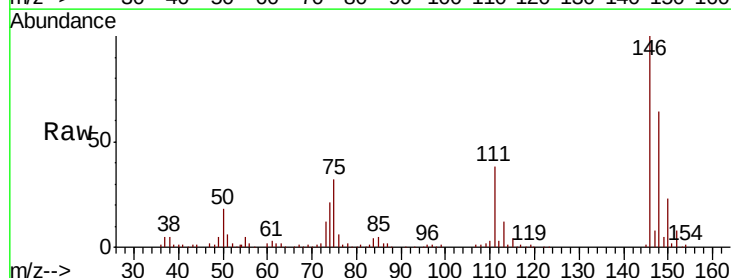
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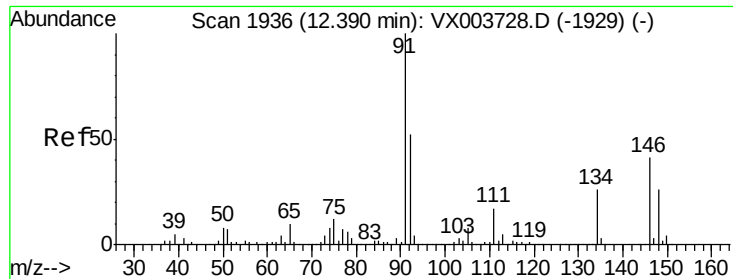
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#88
 1,4-Dichlorobenzene
 Concen: 46.74 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003788.D
 Acq: 01 Aug 2018 08:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.3	54.9
148	64.1	32.0	96.2





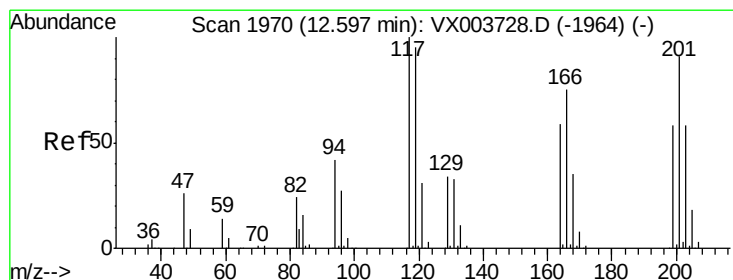
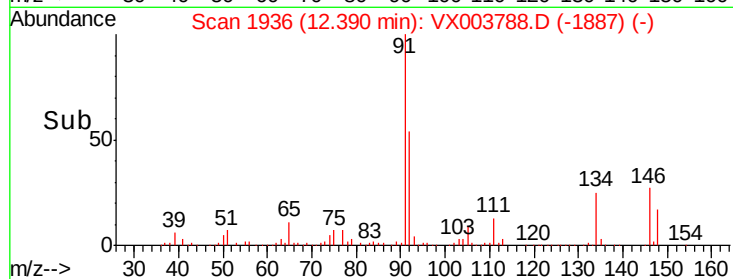
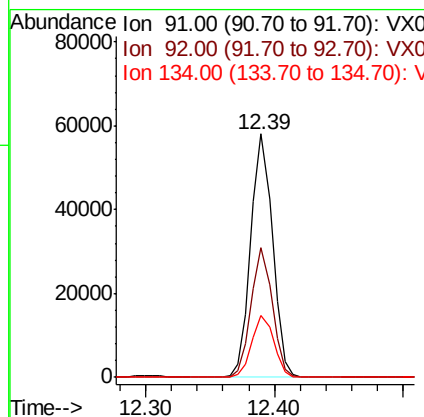
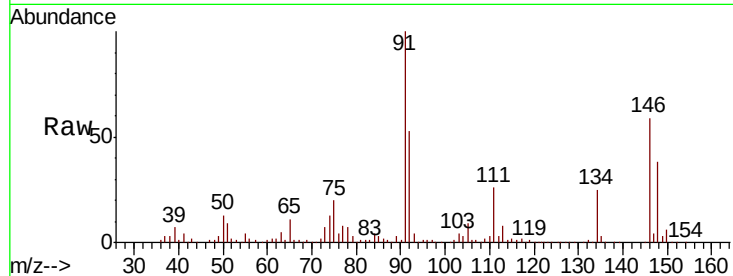
#89
n-Butylbenzene
Concen: 45.13 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003788.D
Acq: 01 Aug 2018 08:55

Instrument :
MSVOA_X
ClientSampled :
SB-6(7-9)MS

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.2	78.5
134	25.5	13.6	40.7

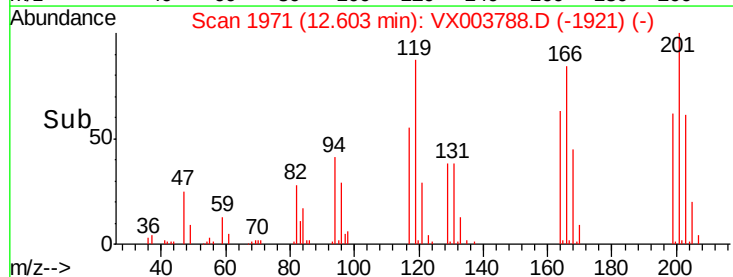
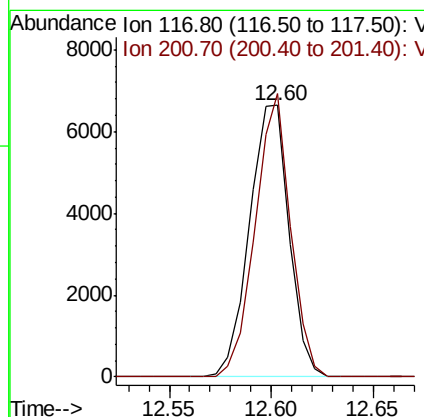
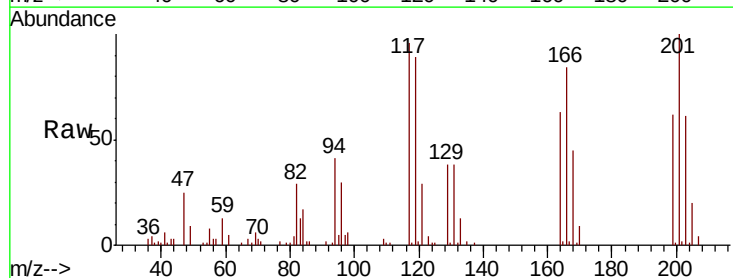
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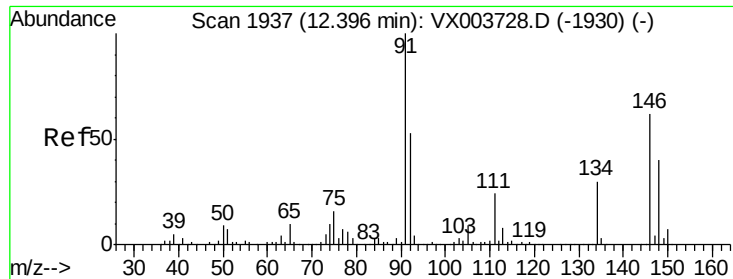
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#90
Hexachloroethane
Concen: 38.39 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VX003788.D
Acq: 01 Aug 2018 08:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.5	49.3	147.8





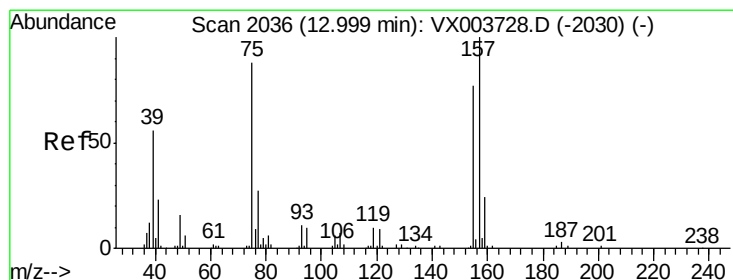
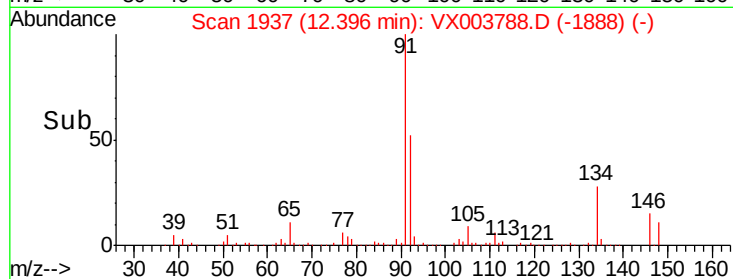
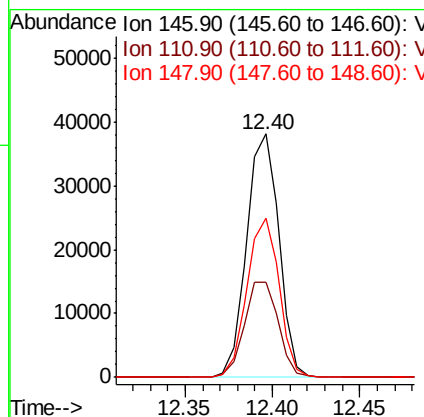
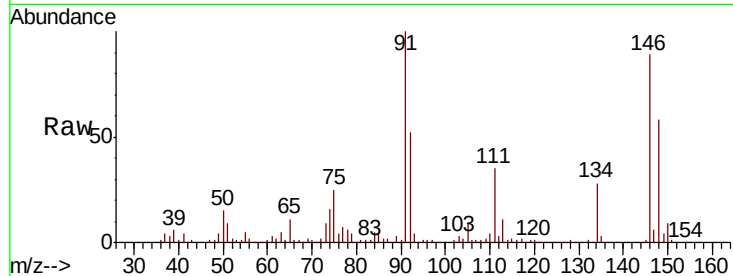
#91
 1,2-Dichlorobenzene
 Concen: 62.53 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003788.D
 Acq: 01 Aug 2018 08:55

Instrument :
 MSVOA_X
 ClientSampled :
 SB-6(7-9)MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.4	58.4
148	64.8	32.0	96.0

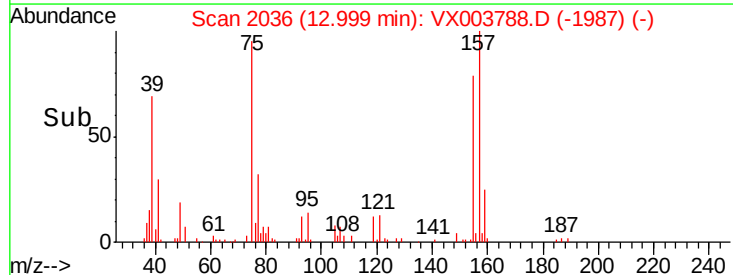
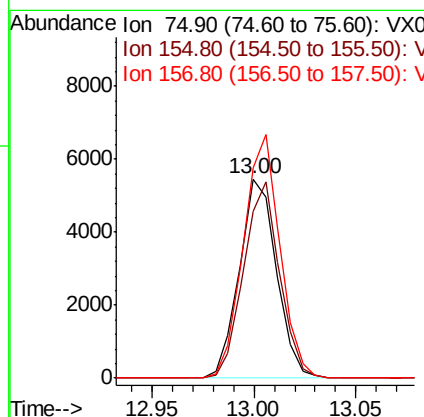
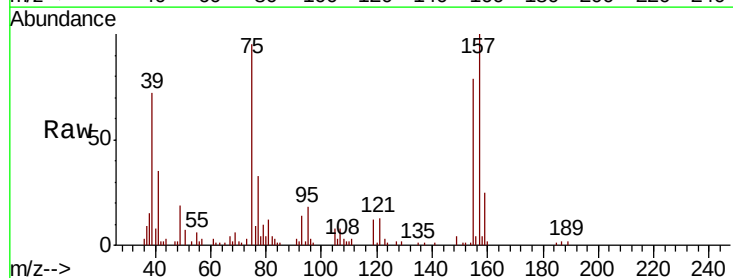
Manual Integrations
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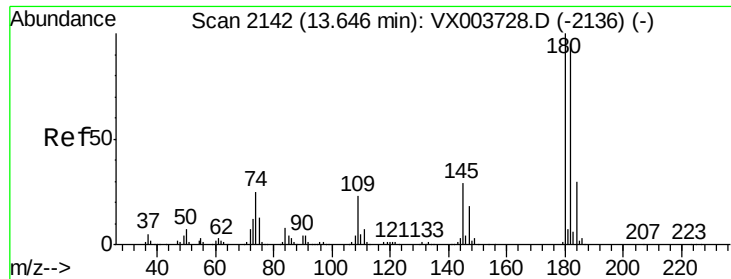
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 83.07 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX003788.D
 Acq: 01 Aug 2018 08:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.6	48.9	146.7
157	120.2	63.7	191.1





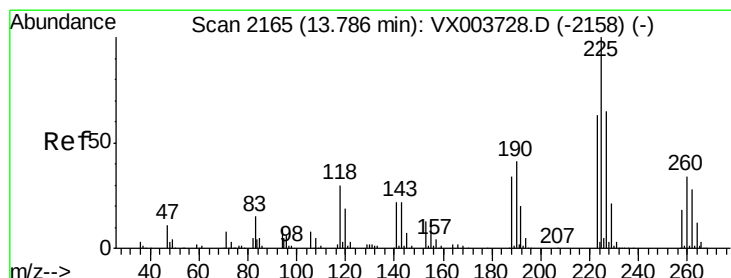
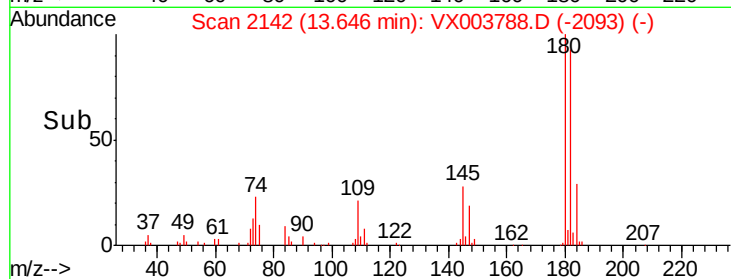
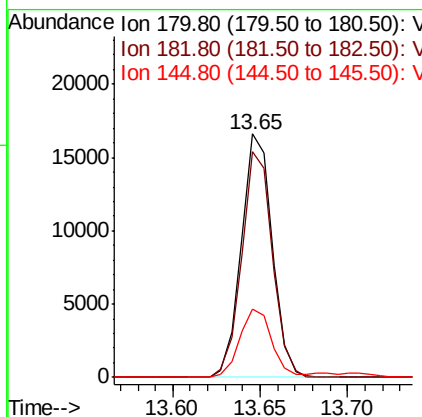
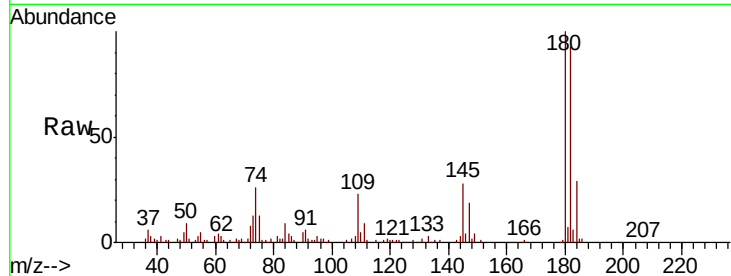
#93
 1,2,4-Trichlorobenzene
 Concen: 32.53 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003788.D
 Acq: 01 Aug 2018 08:55

Instrument :
 MSVOA_X
 ClientSampled :
 SB-6(7-9)MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.8	47.6	142.9
145	29.4	14.1	42.2

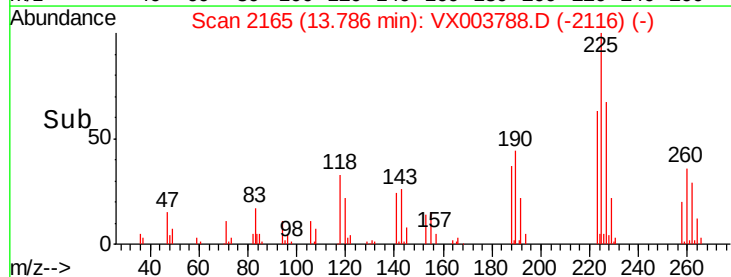
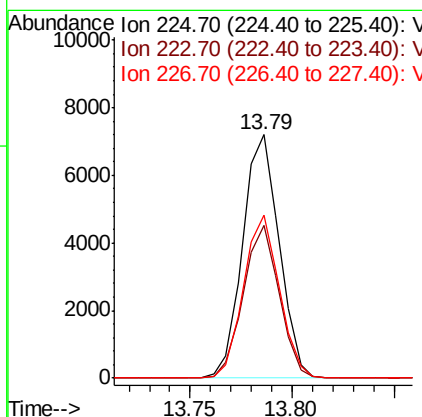
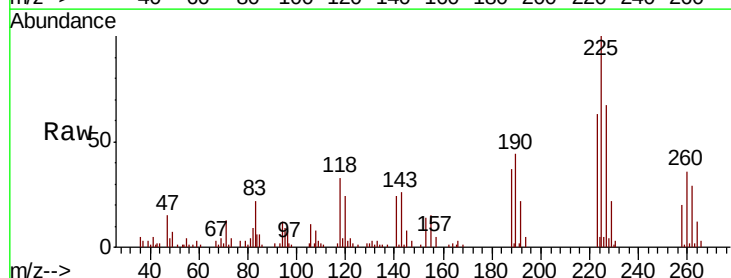
Manual Integrations
 APPROVED

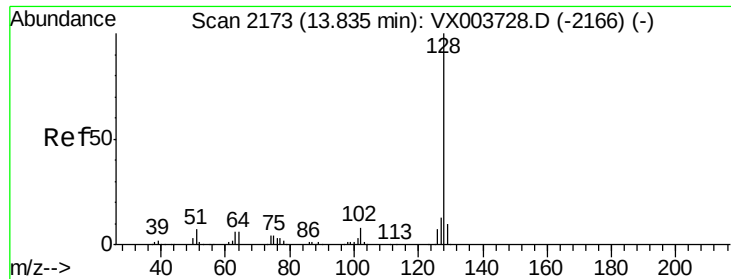
apatel
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#94
 Hexachlorobutadiene
 Concen: 22.33 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003788.D
 Acq: 01 Aug 2018 08:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	31.1	93.5
227	66.0	31.9	95.9





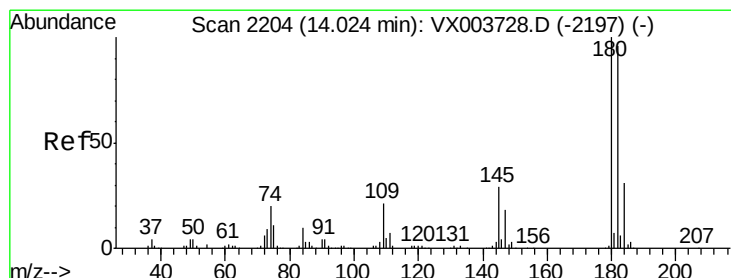
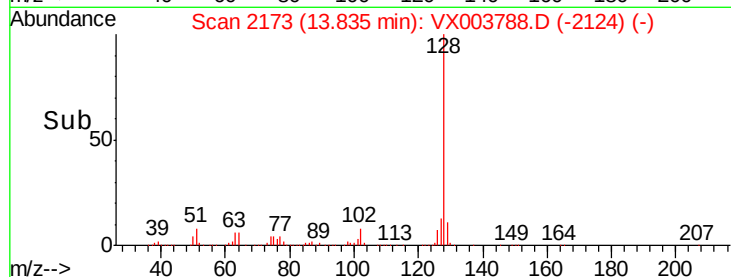
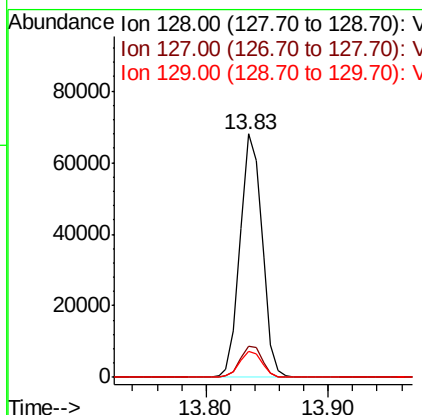
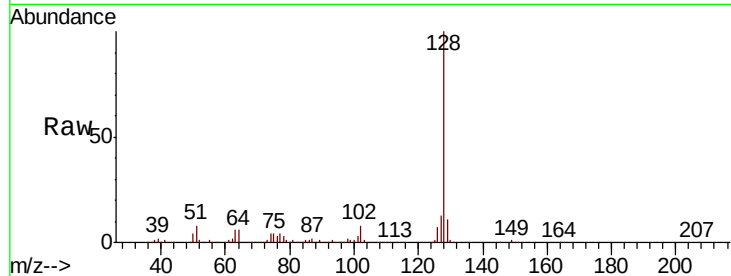
#95
Naphthalene
Concen: 63.40 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003788.D
Acq: 01 Aug 2018 08:55

Instrument :
MSVOA_X
ClientSampleId :
SB-6(7-9)MS

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	11.1	8.7	13.1

Manual Integrations
APPROVED

apatel
8/1/2018 6:54:58 PM



#96
1,2,3-Trichlorobenzene
Concen: 32.66 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003788.D
Acq: 01 Aug 2018 08:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	47.9	143.8
145	38.6	14.7	44.1

