

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052218\
 Data File : VX001917.D
 Acq On : 23 May 2018 02:19
 Operator : JC/MD
 Sample : VX0522WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBSD02

Manual Integrations
 APPROVED

MMDadoda
 5/24/2018 11:47:49 AM

Quant Time: May 23 03:44:58 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	245310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	323109	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	271476	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	182645	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	172174	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
35) Dibromofluoromethane	5.51	113	144853	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
50) Toluene-d8	8.72	98	528595	54.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.26%	
62) 4-Bromofluorobenzene	11.14	95	174820	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	42274	17.17	ug/l	97
3) Chloromethane	1.32	50	52895	19.89	ug/l	98
4) Vinyl Chloride	1.40	62	53568	18.63	ug/l	99
5) Bromomethane	1.64	94	33965	26.58	ug/l	97
6) Chloroethane	1.73	64	35826	19.78	ug/l	97
7) Trichlorofluoromethane	1.93	101	82200	19.68	ug/l	99
8) Diethyl Ether	2.19	74	36901	21.46	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	47687	18.96	ug/l	98
10) Methyl Iodide	2.51	142	49255	21.29	ug/l	98
11) Tert butyl alcohol	3.08	59	80807	138.42	ug/l	98
12) 1,1-Dichloroethene	2.37	96	45956	18.95	ug/l	96
13) Acrolein	2.29	56	19397	46.85	ug/l	96
14) Allyl chloride	2.73	41	93025	20.76	ug/l	95
15) Acrylonitrile	3.15	53	179408	122.36	ug/l	99
16) Acetone	2.45	43	163479	126.59	ug/l	98
17) Carbon Disulfide	2.57	76	96545	15.26	ug/l	99
18) Methyl Acetate	2.78	43	103957	27.53	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	181106	22.16	ug/l	100
20) Methylene Chloride	2.86	84	57136	20.67	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	50844	19.04	ug/l	99
22) Diisopropyl ether	3.88	45	193304	22.48	ug/l	98
23) Vinyl Acetate	3.83	43	644303	104.01	ug/l	99
24) 1,1-Dichloroethane	3.70	63	100883	21.40	ug/l	99
25) 2-Butanone	4.71	43	260796	131.90	ug/l	97
26) 2,2-Dichloropropane	4.59	77	50657	13.35	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	64137	21.10	ug/l	97
28) Bromochloromethane	5.03	49	53457	25.52	ug/l	97
29) Tetrahydrofuran	5.18	42	168508	130.74	ug/l	98
30) Chloroform	5.23	83	109552	22.12	ug/l	98
31) Cyclohexane	5.58	56	79518	19.24	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	90461	21.14	ug/l	98
36) 1,1-Dichloropropene	5.80	75	71945	19.34	ug/l	99
37) Ethyl Acetate	4.87	43	95914	24.74	ug/l	100
38) Carbon Tetrachloride	5.79	117	80126	20.56	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76842	17.68	ug/l	98
40) Benzene	6.15	78	234913	21.44	ug/l	100
41) Methacrylonitrile	5.07	41	54783	24.44	ug/l	98
42) 1,2-Dichloroethane	6.21	62	89149	22.49	ug/l	99
43) Isopropyl Acetate	6.48	43	141704	23.36	ug/l	99
44) Trichloroethene	7.22	130	69678	20.49	ug/l	96
45) 1,2-Dichloropropane	7.52	63	62915	23.40	ug/l	99
46) Dibromomethane	7.67	93	41199	21.82	ug/l	99
47) Bromodichloromethane	7.90	83	78559	22.42	ug/l	95
48) Methyl methacrylate	7.79	41	77065	24.13	ug/l	98
49) 1,4-Dioxane	7.76	88	34943	568.32	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	513345	133.52	ug/l	98
52) Toluene	8.79	92	152276	21.62	ug/l	97
53) t-1,3-Dichloropropene	8.44	75	84557	20.51	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	75260	20.71	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	57953	21.53	ug/l	97
56) Ethyl methacrylate	9.19	69	81552	21.36	ug/l	99
57) 1,3-Dichloropropane	9.38	76	95448	21.18	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	239092	121.77	ug/l	100
59) 2-Hexanone	9.51	43	343498	124.81	ug/l	98
60) Dibromochloromethane	9.59	129	58624	21.27	ug/l	100
61) 1,2-Dibromoethane	9.68	107	59973	21.28	ug/l	99
64) Tetrachloroethene	9.34	164	76025	21.51	ug/l	95
65) Chlorobenzene	10.15	112	156083	20.90	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	58227	22.08	ug/l	99
67) Ethyl Benzene	10.26	91	248149	20.79	ug/l	99
68) m/p-Xylenes	10.37	106	199081	42.28	ug/l	100
69) o-Xylene	10.70	106	94685	21.00	ug/l	97
70) Styrene	10.72	104	160701	21.61	ug/l	99
71) Bromoform	10.87	173	47220	21.04	ug/l #	100
73) Isopropylbenzene	11.02	105	261295	21.72	ug/l	99
74) N-amyl acetate	6.48	43	141704	24.57	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	85206	23.61	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	81263m	23.40	ug/l	
77) Bromobenzene	11.26	156	76734	21.71	ug/l	99
78) n-propylbenzene	11.37	91	288662	21.30	ug/l	99
79) 2-Chlorotoluene	11.43	91	175680	21.68	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	217050	22.00	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	18621	18.23	ug/l	91
82) 4-Chlorotoluene	11.52	91	203495	21.31	ug/l	100
83) tert-Butylbenzene	11.77	119	210689	21.46	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	223853	21.91	ug/l	100
85) sec-Butylbenzene	11.95	105	260668	21.50	ug/l	100
86) p-Isopropyltoluene	12.07	119	237262	21.15	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	138189	21.14	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	141355	20.91	ug/l	99
89) n-Butylbenzene	12.40	91	190938	19.68	ug/l	99
90) Hexachloroethane	12.60	117	36629	21.03	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	139073	21.35	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18858	24.49	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX0522WBSD02

Manual Integrations
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Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
Quant Title : SW846 8260
QLast Update : Tue May 15 01:36:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	104712	20.17	ug/l	99
94) Hexachlorobutadiene	13.79	225	55560	19.94	ug/l	98
95) Naphthalene	13.84	128	300877	22.30	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	109951	21.03	ug/l	99

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

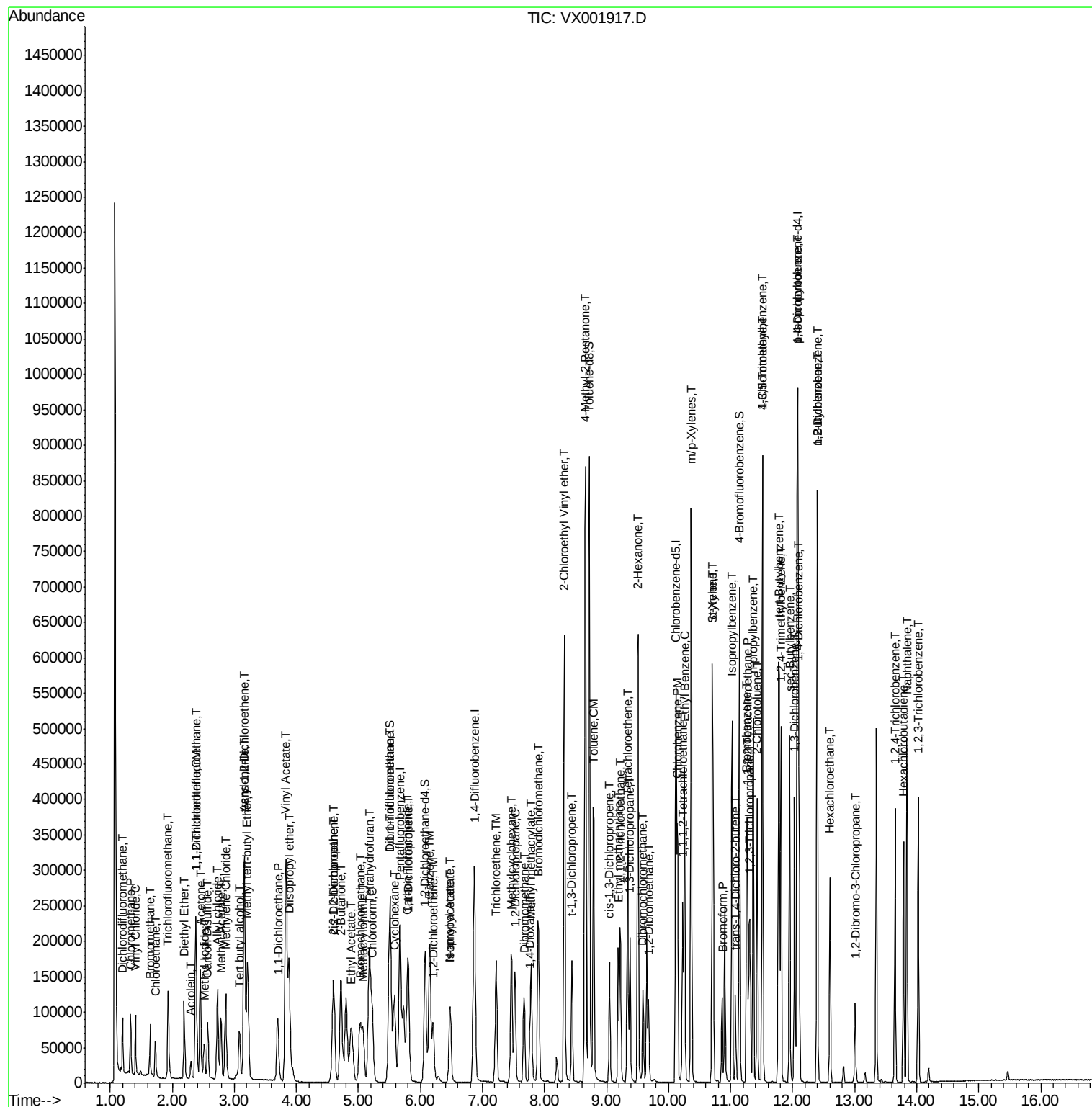
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052218\
 Data File : VX001917.D
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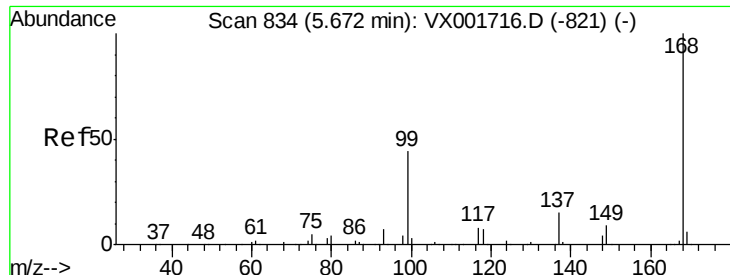
Instrument :
 MSVOA_X
 Client Sample ID :
 VX0522WBSD02

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBSD02

Tot Ion:168 Resp: 245310

Ion Ratio Lower Upper

168 100

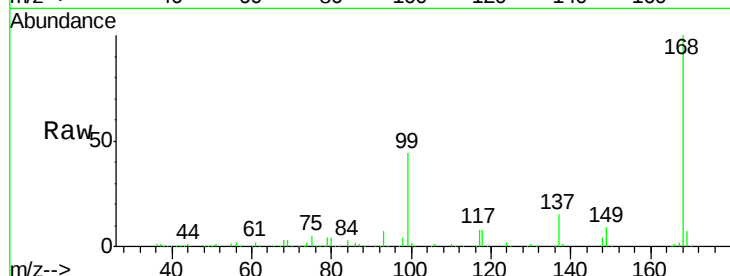
99 43.7 35.0 52.4

Manual Integrations

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5/24/2018 11:47:49 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

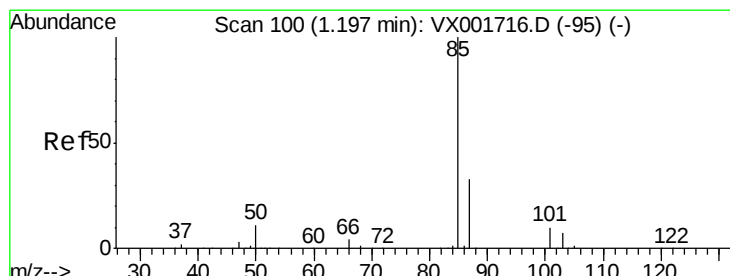
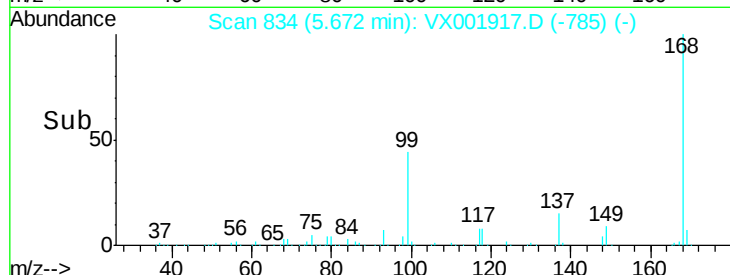
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 17.17 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX001917.D

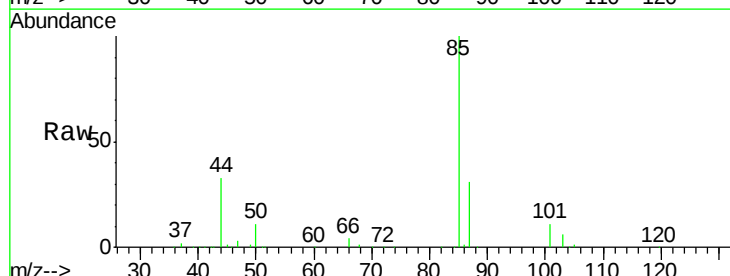
Acq: 23 May 2018 02:19

Tgt Ion: 85 Resp: 42274

Ion Ratio Lower Upper

85 100

87 31.3 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

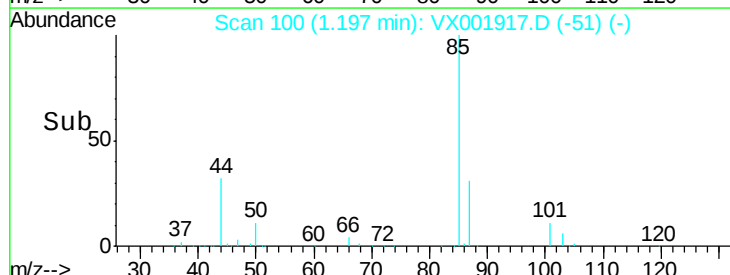
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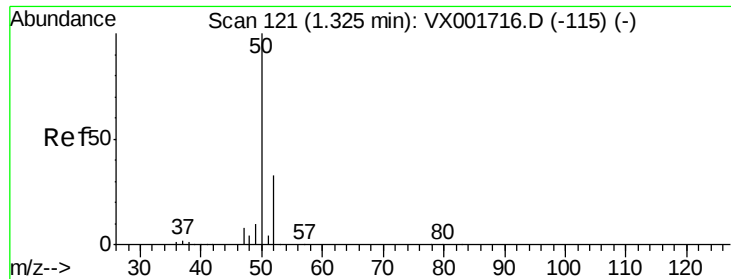
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 19.89 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBSD02

Tot Ion: 50 Resp: 52895

Ion Ratio Lower Upper

50 100

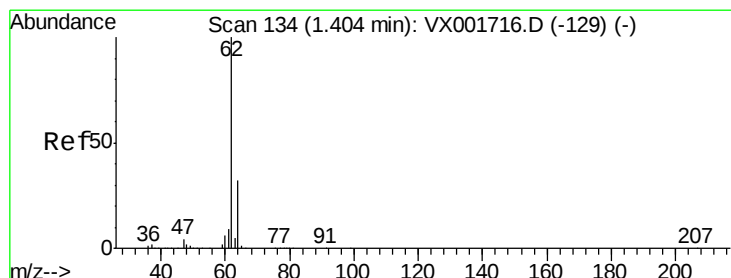
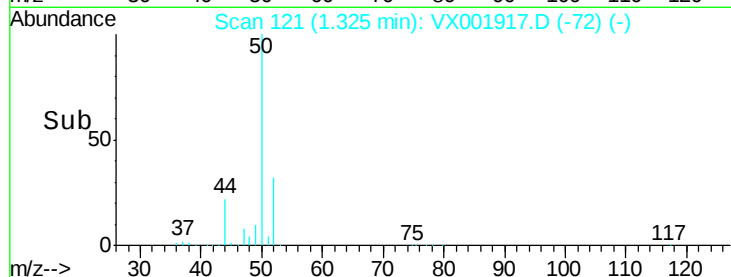
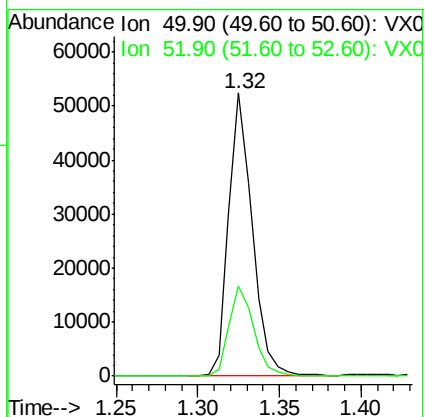
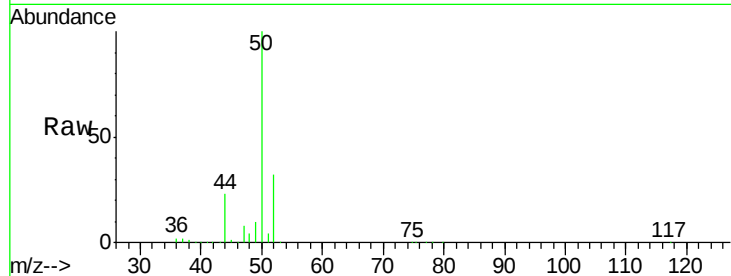
52 31.7 26.3 39.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.63 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001917.D

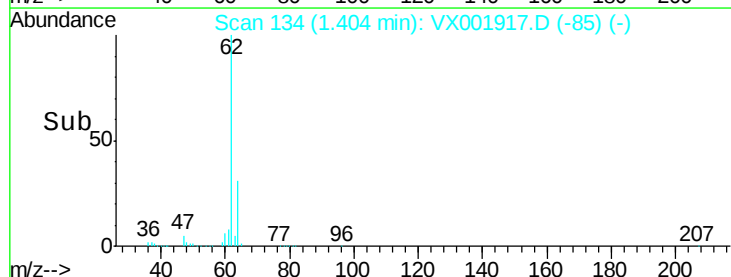
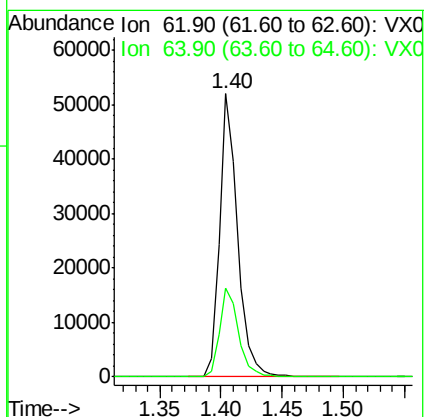
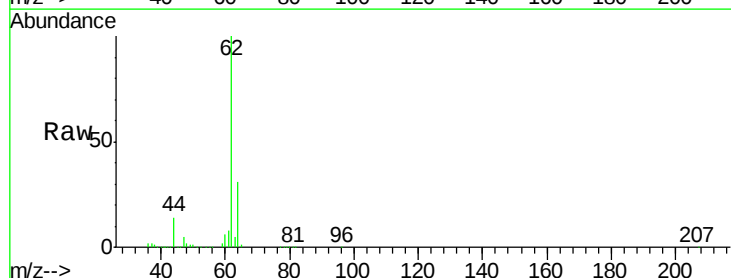
Acq: 23 May 2018 02:19

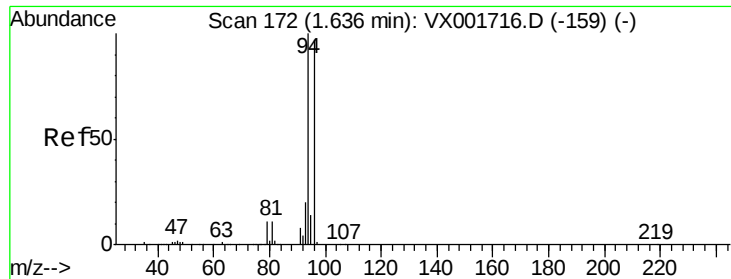
Tgt Ion: 62 Resp: 53568

Ion Ratio Lower Upper

62 100

64 31.2 25.6 38.4





#5

Bromomethane

Concen: 26.58 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

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ClientSampleId :

VX0522WBSD02

Tot Ion: 94 Resp: 33965

Ion Ratio Lower Upper

94 100

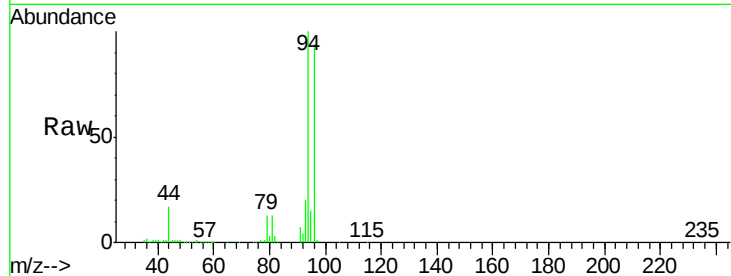
96 93.4 77.4 116.0

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

30000

25000

20000

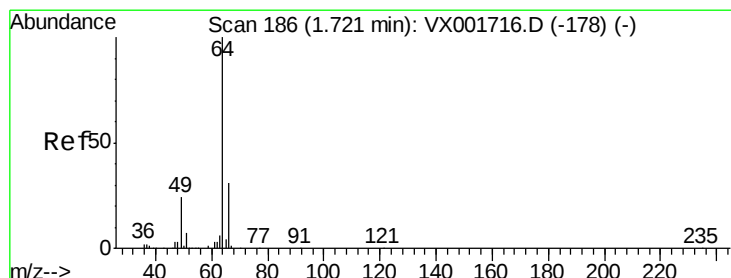
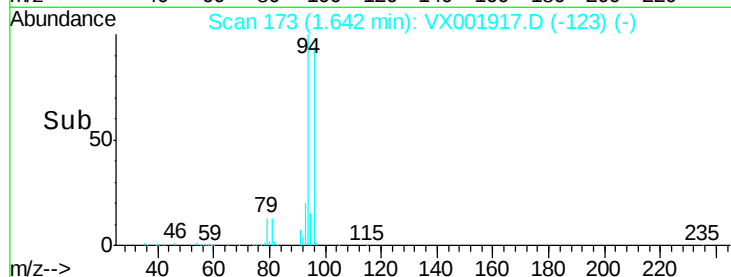
15000

10000

5000

0

Time--> 1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 19.78 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001917.D

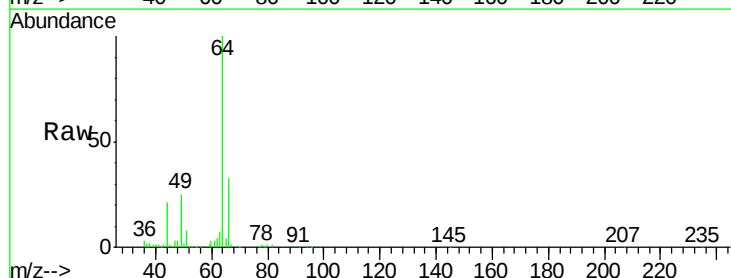
Acq: 23 May 2018 02:19

Tgt Ion: 64 Resp: 35826

Ion Ratio Lower Upper

64 100

66 33.2 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.73

30000

25000

20000

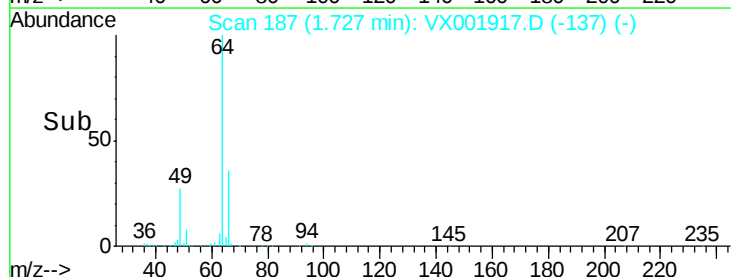
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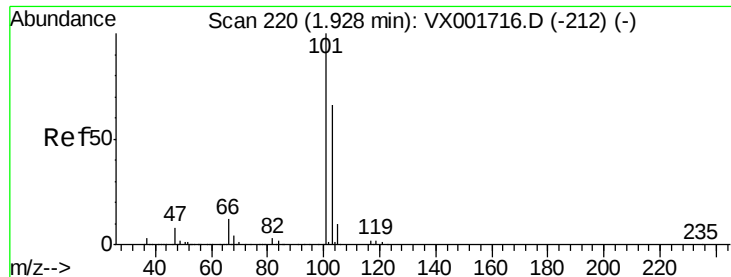
10000

5000

0

Time--> 1.65 1.70 1.75 1.80 1.85





#7

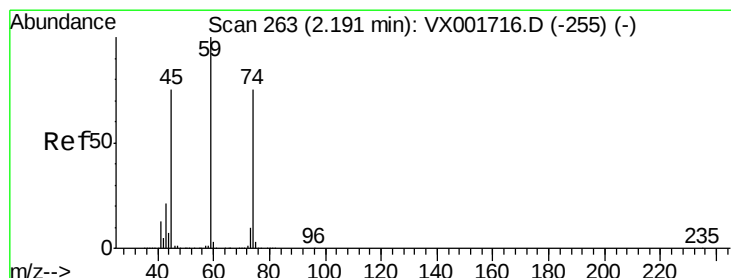
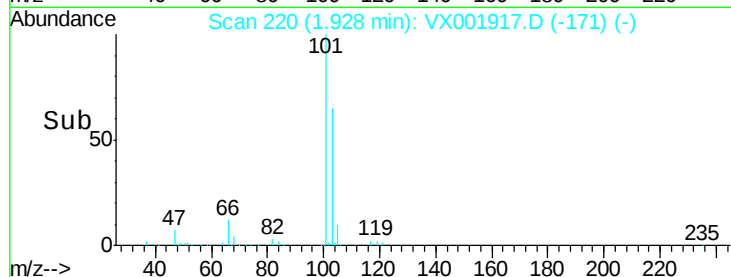
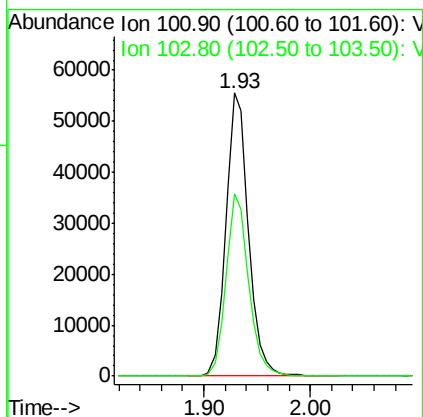
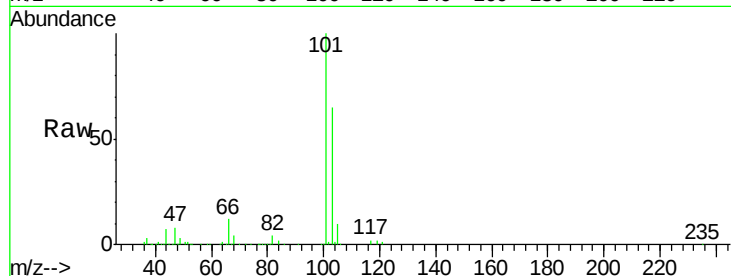
Trichlorofluoromethane
Concen: 19.68 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

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ClientSampleId :
VX0522WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.6	78.8

Manual Integrations
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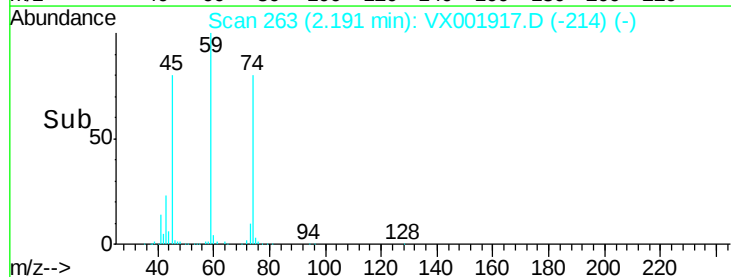
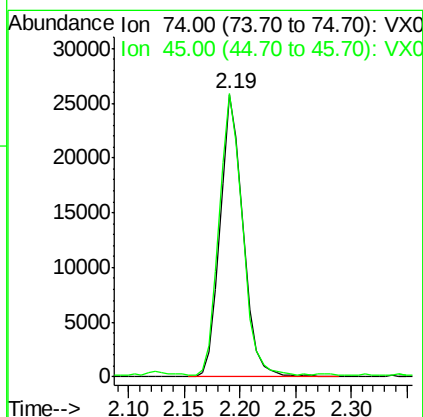
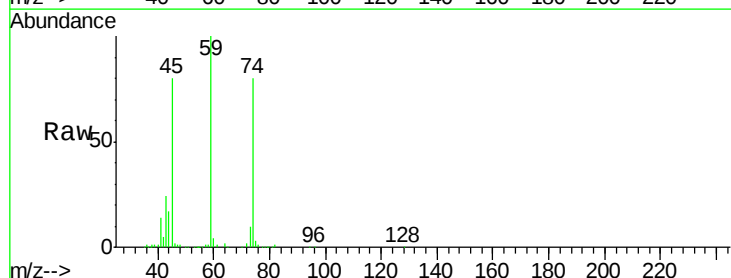
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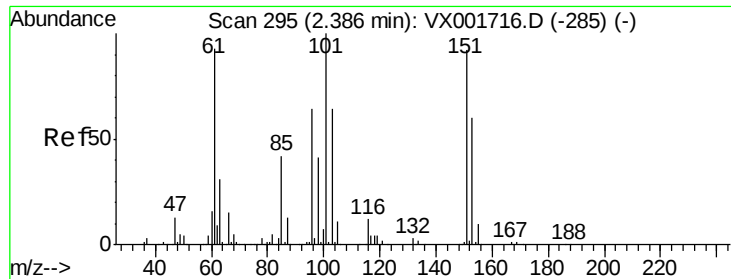


#8

Diethyl Ether
Concen: 21.46 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.2	50.0	149.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.96 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBSD02

Tot Ion:101 Resp: 47687

Ion Ratio Lower Upper

101 100

85 42.1 33.7 50.5

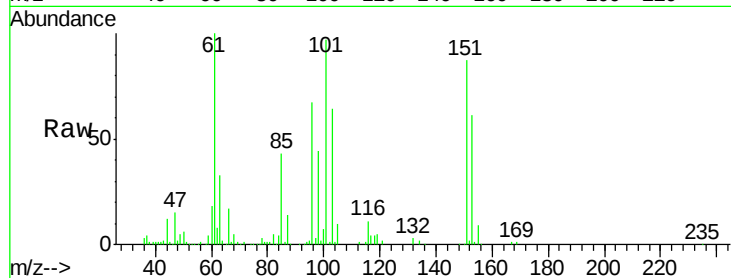
151 88.4 73.0 109.6

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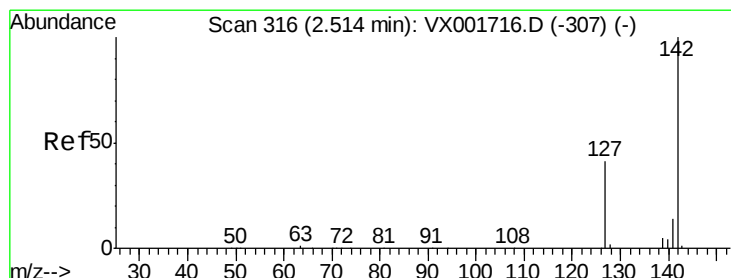
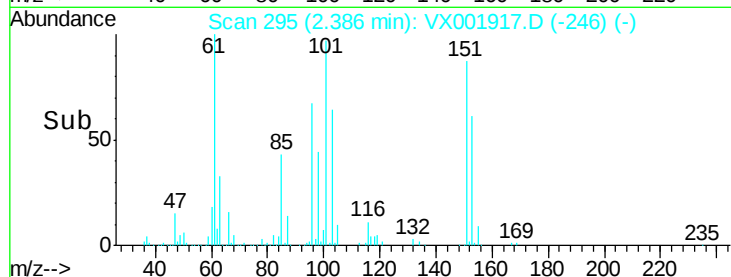
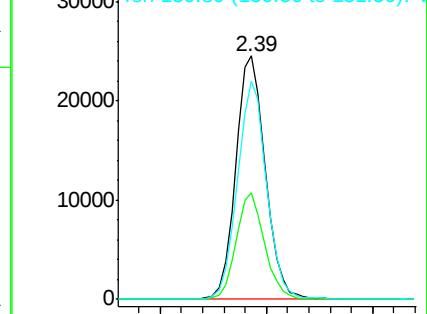
5/24/2018 11:47:49 AM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 21.29 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

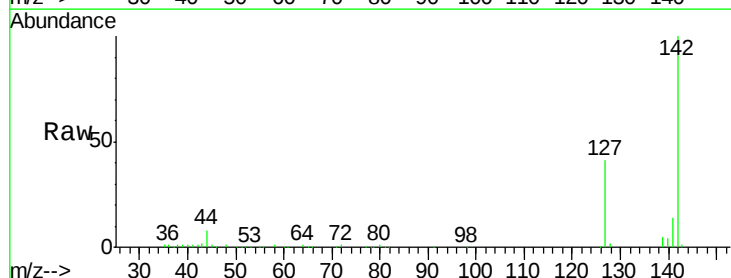
Tgt Ion:142 Resp: 49255

Ion Ratio Lower Upper

142 100

127 41.9 32.5 48.7

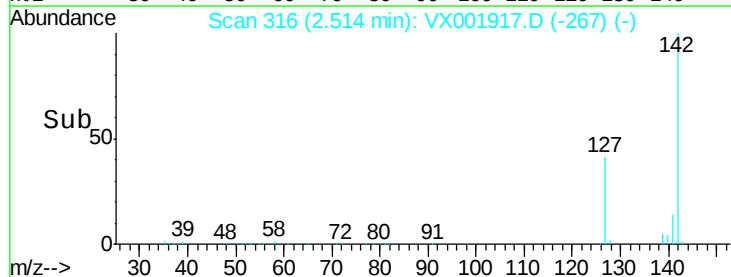
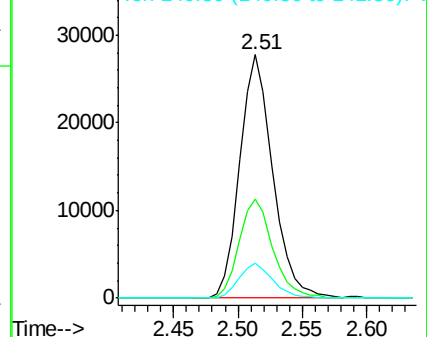
141 14.6 11.4 17.0

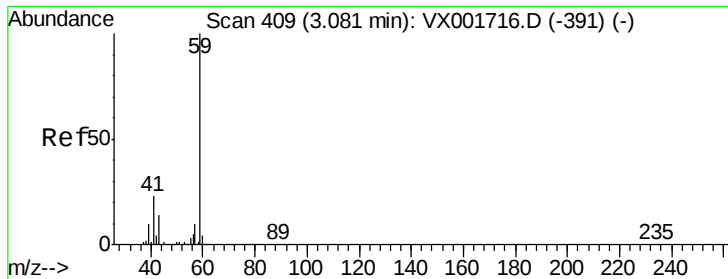


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





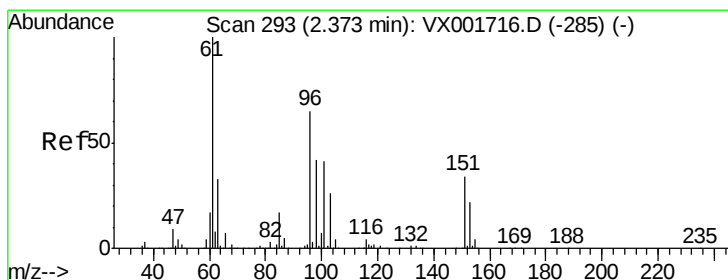
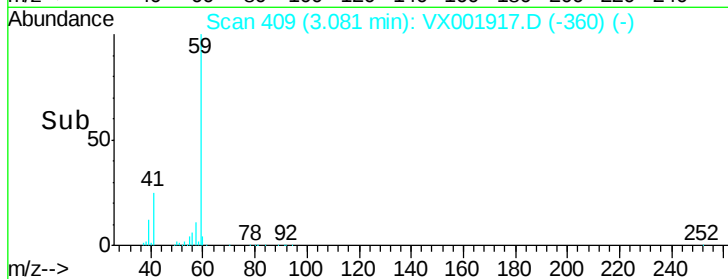
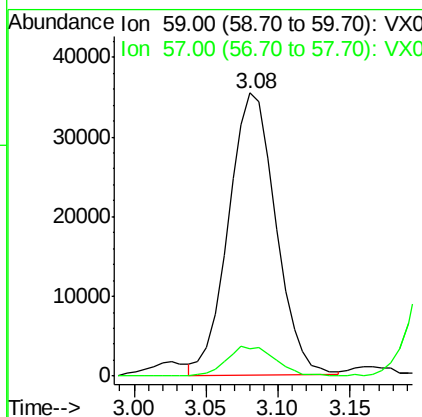
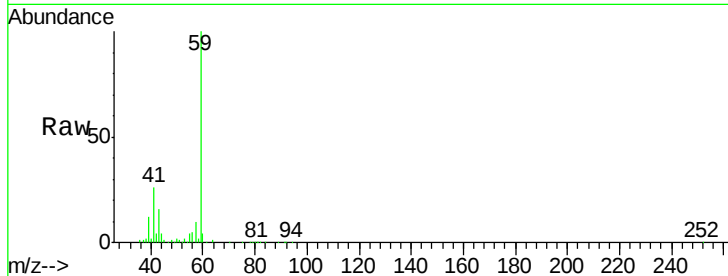
#11
Tert butyl alcohol
Concen: 138.42 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBSD02

Tot Ion: 59 Resp: 80807
Ion Ratio Lower Upper
59 100
57 11.2 8.5 12.7

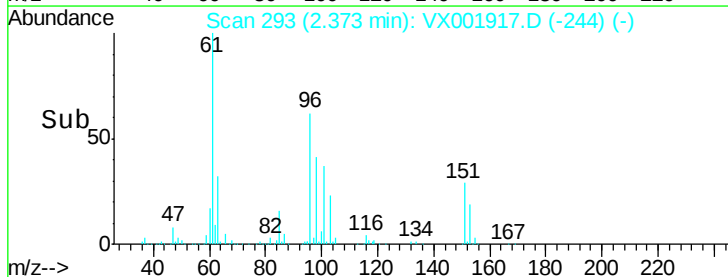
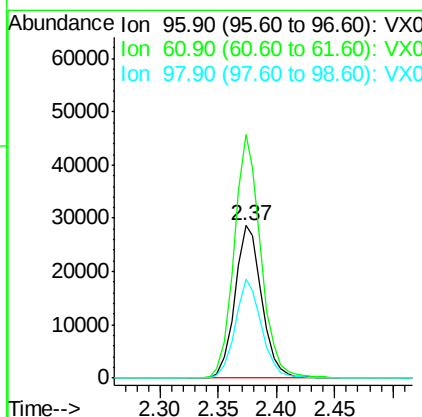
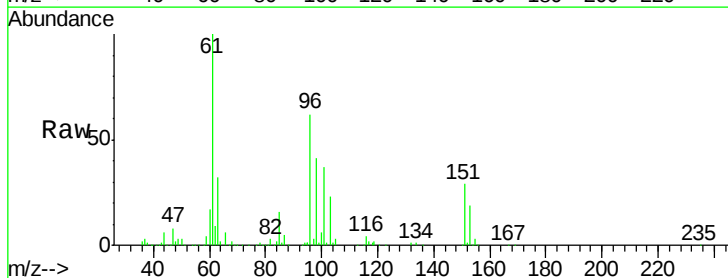
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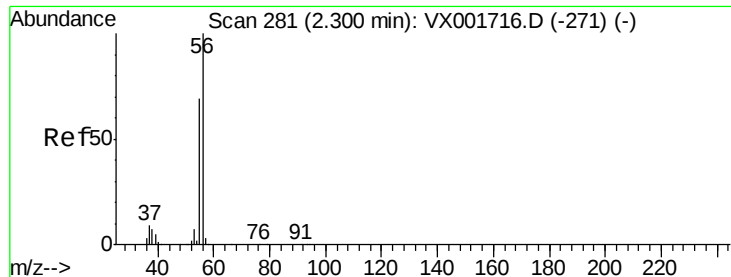
MMDadoda
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#12
1,1-Dichloroethene
Concen: 18.95 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Tgt Ion: 96 Resp: 45956
Ion Ratio Lower Upper
96 100
61 160.1 122.2 183.2
98 64.9 51.4 77.0





#13

Acrolein

Concen: 46.85 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBSD02

Tot Ion: 56 Resp: 19397

Ion Ratio Lower Upper

56 100

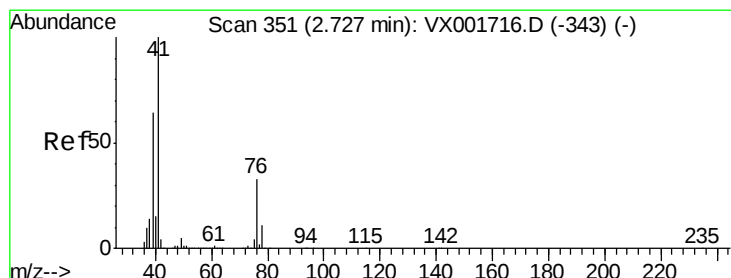
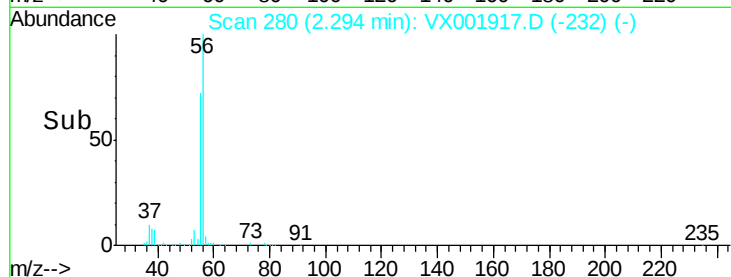
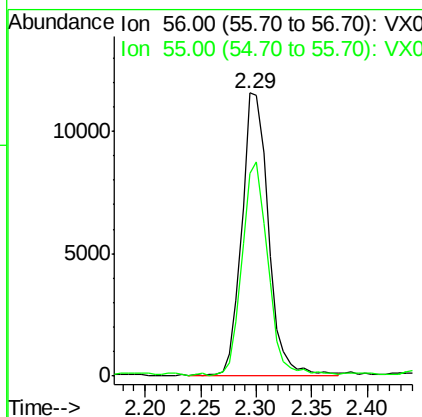
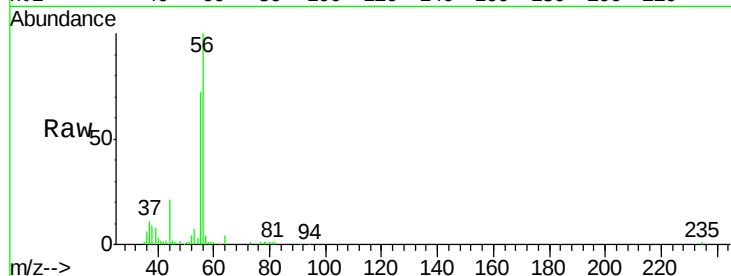
55 73.5 56.2 84.2

Manual Integrations

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#14

Allyl chloride

Concen: 20.76 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

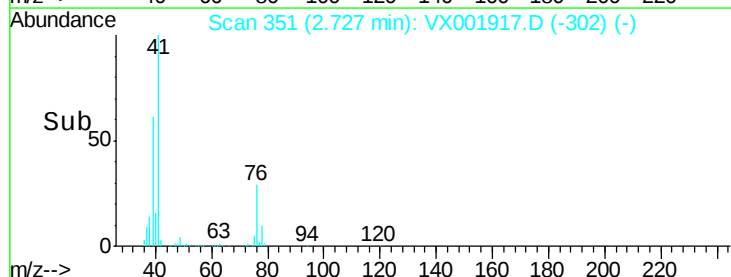
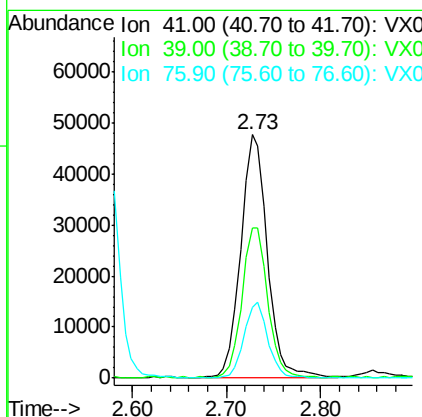
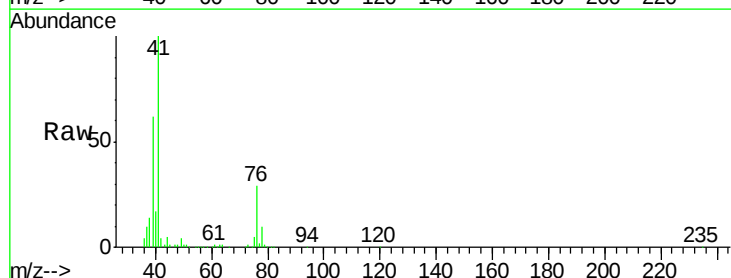
Tgt Ion: 41 Resp: 93025

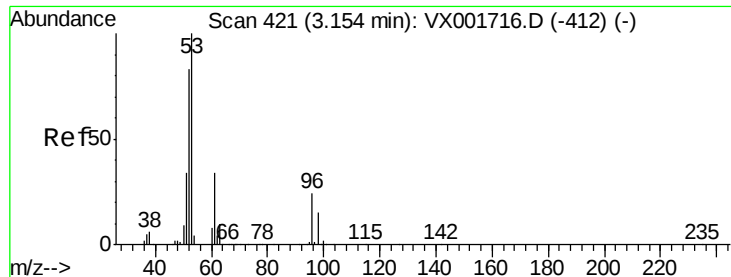
Ion Ratio Lower Upper

41 100

39 59.3 49.8 74.6

76 28.3 25.8 38.8





#15

Acrylonitrile

Concen: 122.36 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

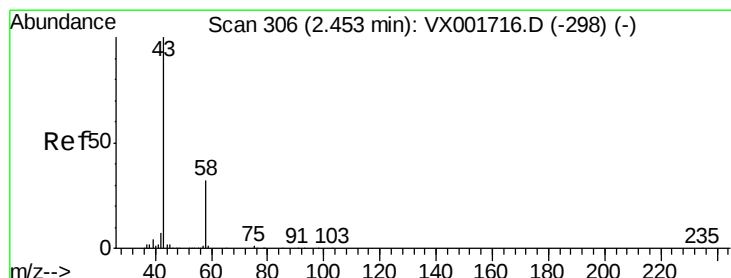
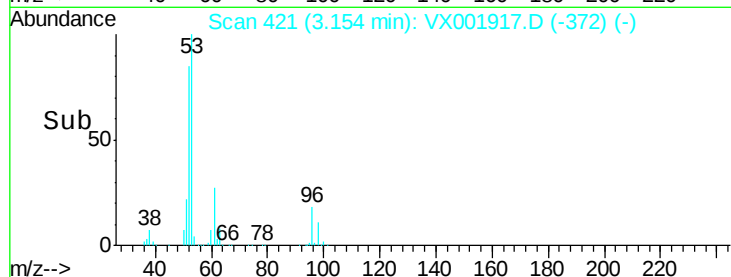
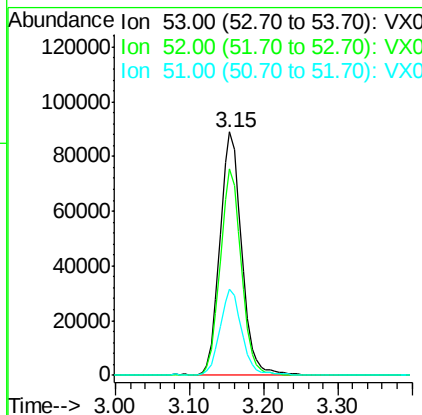
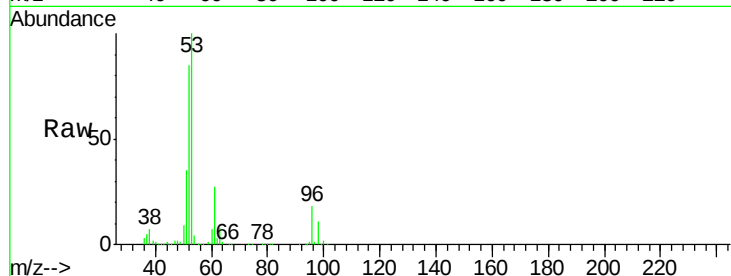
ClientSampleId :

VX0522WBSD02

Tot Ion:	53	Resp:	179408
Ion Ratio		Lower	Upper
53	100		
52	82.7	65.6	98.4
51	35.6	28.1	42.1

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#16

Acetone

Concen: 126.59 ug/l

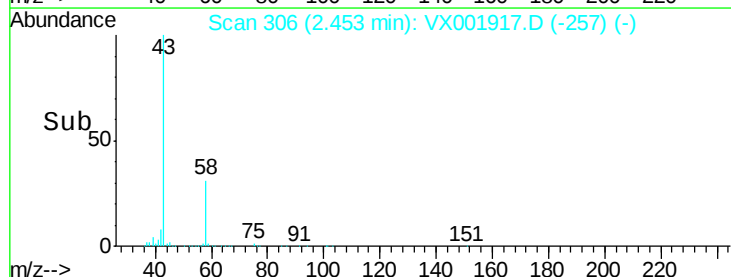
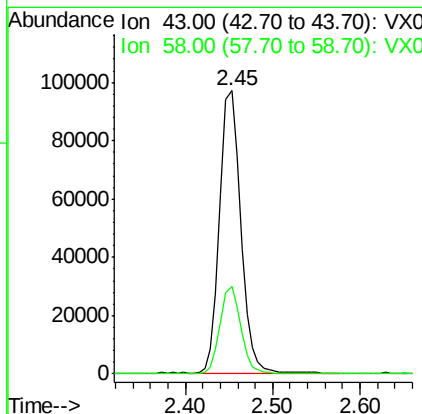
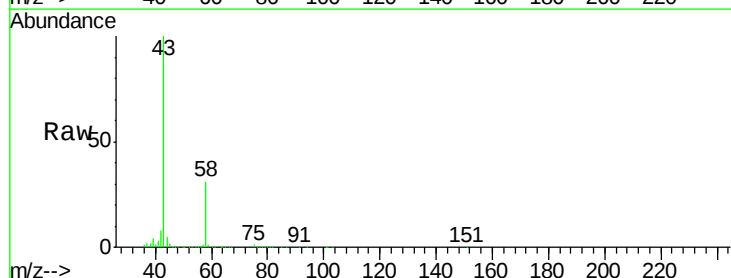
RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Tgt Ion:	43	Resp:	163479
Ion Ratio		Lower	Upper
43	100		
58	30.7	25.3	37.9





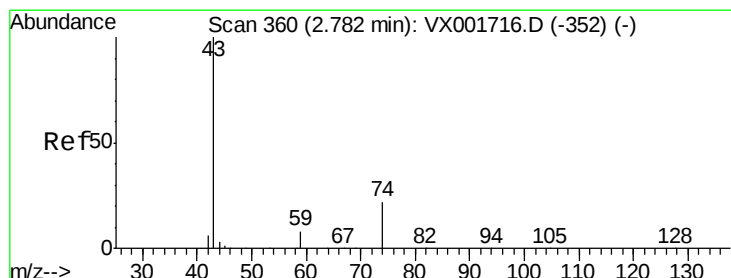
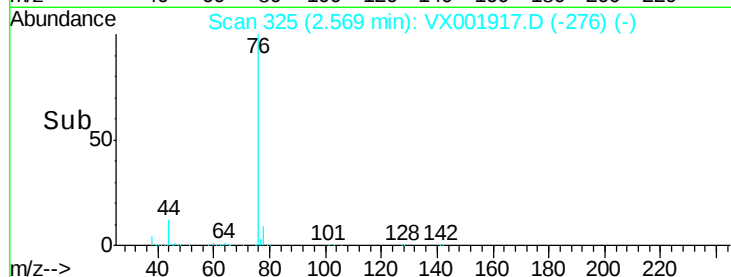
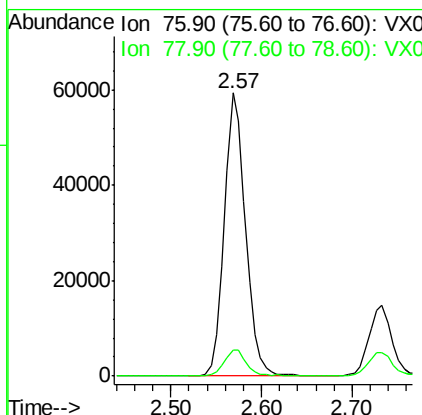
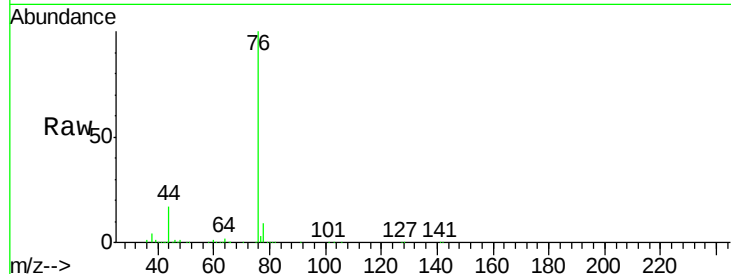
#17
Carbon Disulfide
Concen: 15.26 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.6	11.4

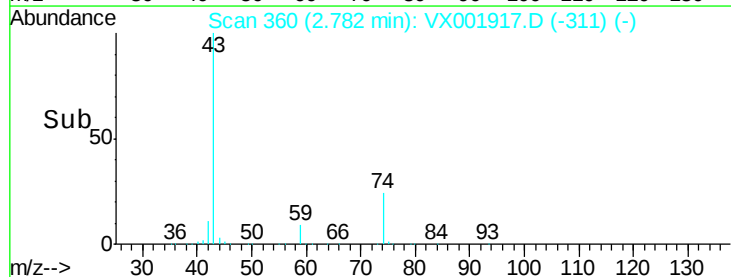
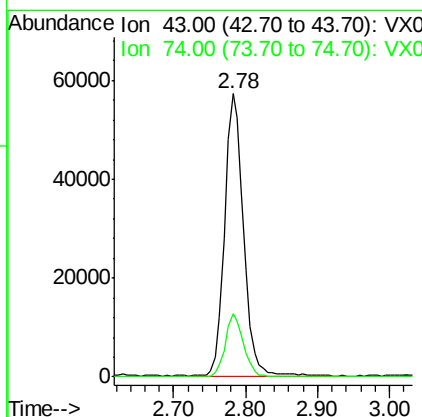
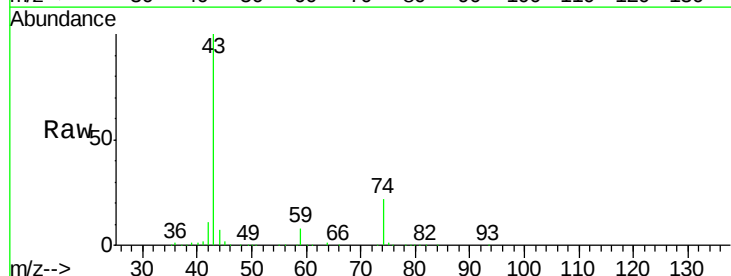
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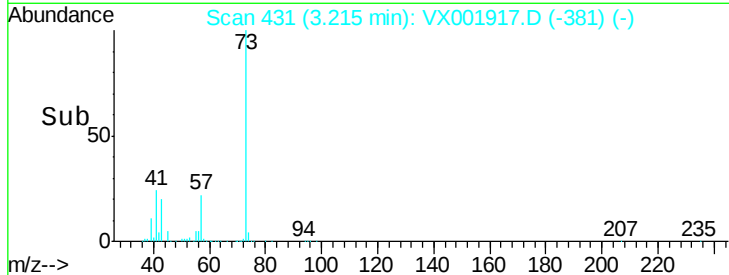
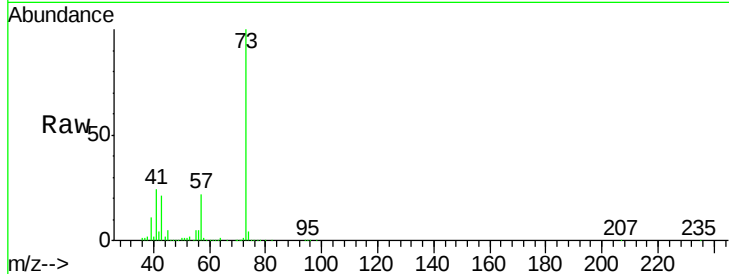
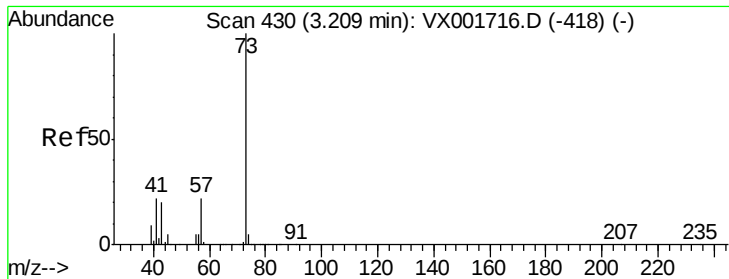
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#18
Methyl Acetate
Concen: 27.53 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.1	18.2	27.2





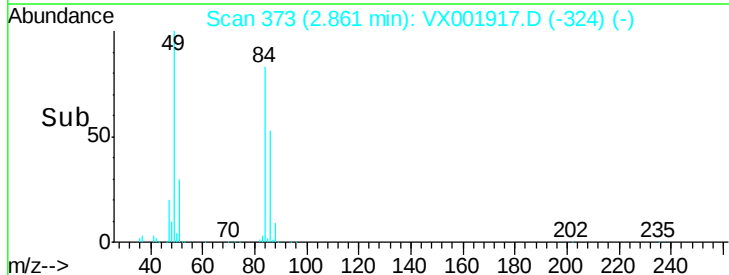
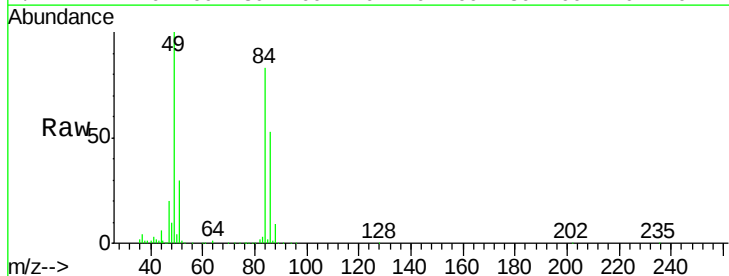
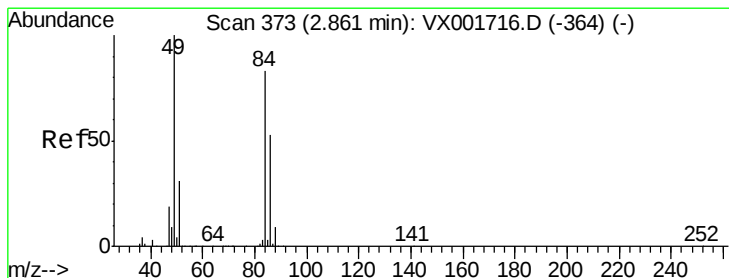
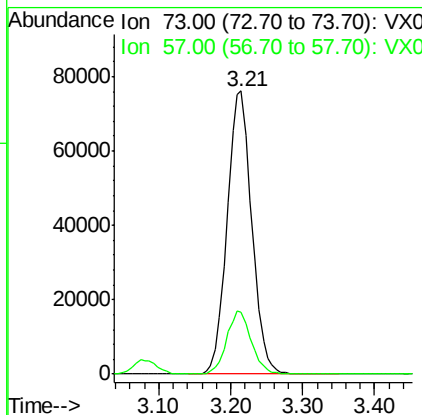
#19
Methvl tert-butvl Ether
Concen: 22.16 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Tot Ion	73	Resp	181106
Ion Ratio	100	Lower	Upper
73	100		
57	21.7	17.5	26.3

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBSD02

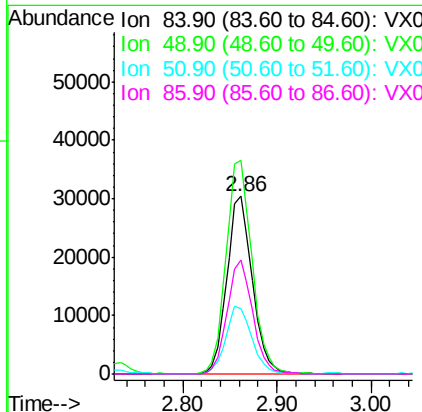
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#20
Methylene Chloride
Concen: 20.67 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Tgt Ion	84	Resp	57136
Ion Ratio	100	Lower	Upper
84	100		
49	120.5	96.3	144.5
51	36.4	29.8	44.6
86	64.0	51.0	76.6





#21

trans-1,2-Dichloroethene

Concen: 19.04 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

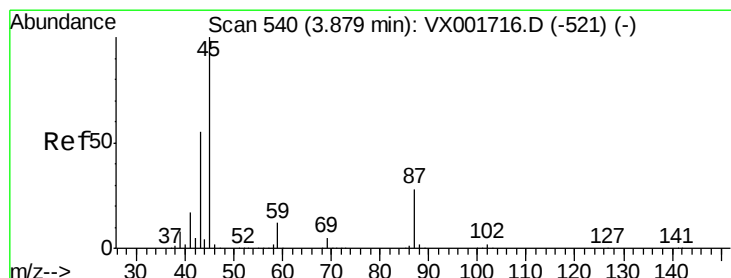
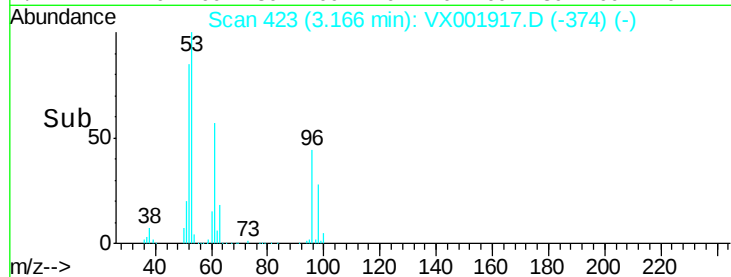
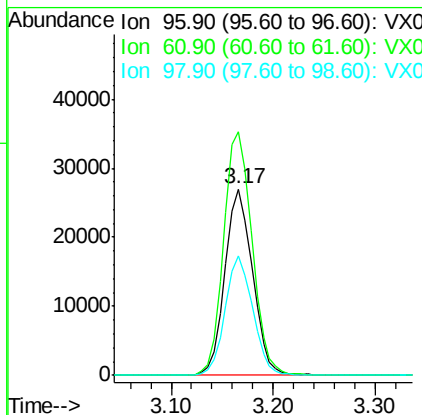
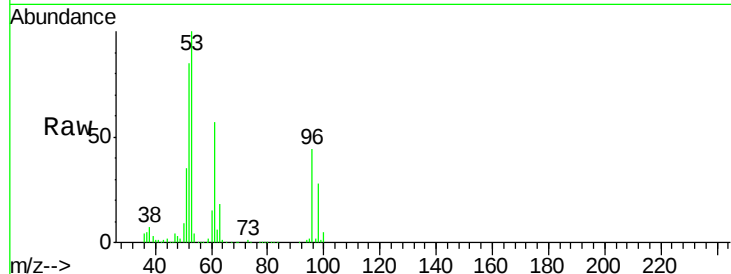
ClientSampleId :

VX0522WBSD02

Tot Ion:	96	Resp:	50844
Ion	Ratio	Lower	Upper
96	100		
61	130.9	105.8	158.8
98	64.4	50.2	75.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 22.48 ug/l

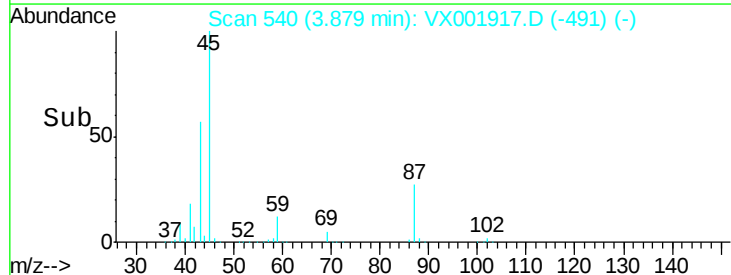
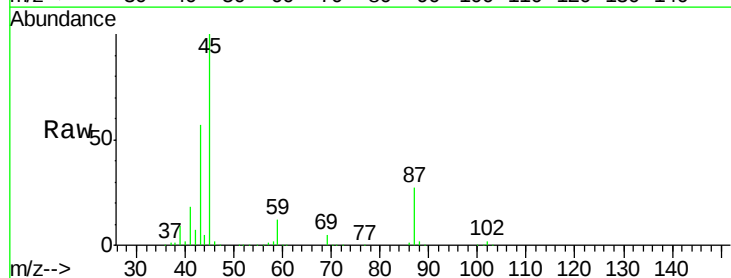
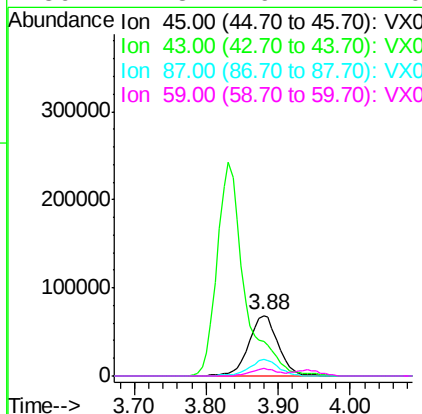
RT: 3.88 min Scan# 540

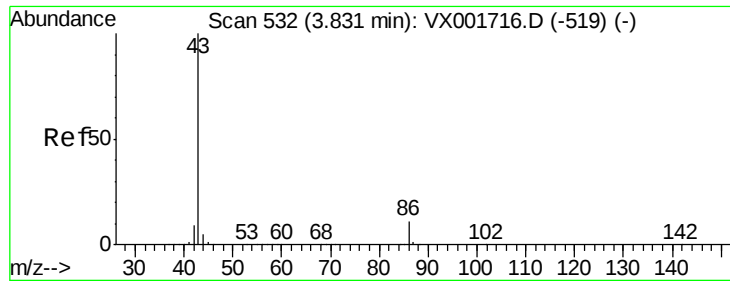
Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Tgt Ion:	45	Resp:	193304
Ion	Ratio	Lower	Upper
45	100		
43	56.8	44.3	66.5
87	26.7	22.6	33.8
59	11.8	9.4	14.0





#23

Vinyl Acetate

Concen: 104.01 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBSD02

Tot Ion: 43 Resp: 644303

Ion Ratio Lower Upper

43 100

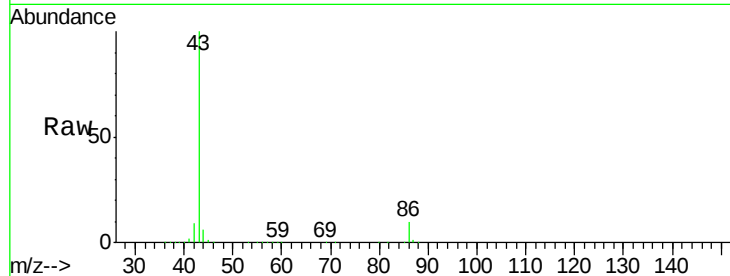
86 10.5 8.7 13.1

Manual Integrations

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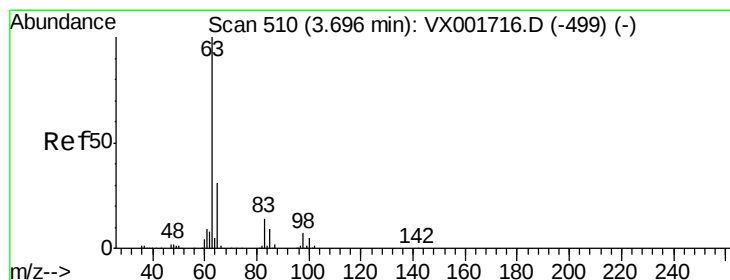
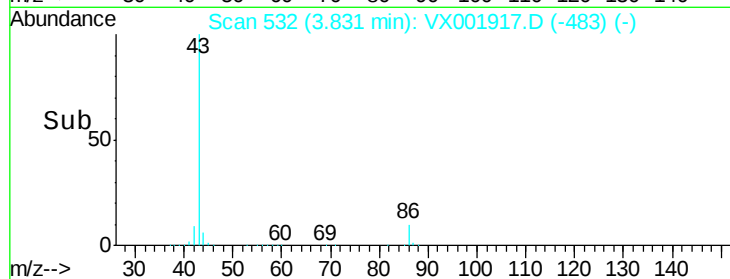
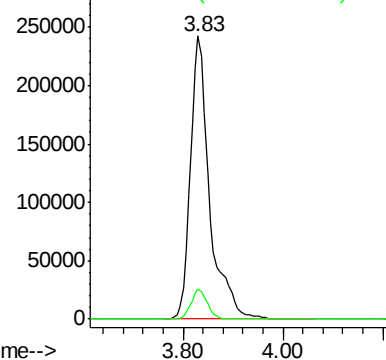
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 21.40 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

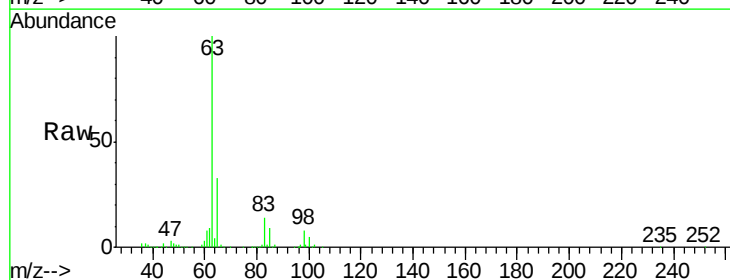
Tgt Ion: 63 Resp: 100883

Ion Ratio Lower Upper

63 100

98 7.7 3.7 11.1

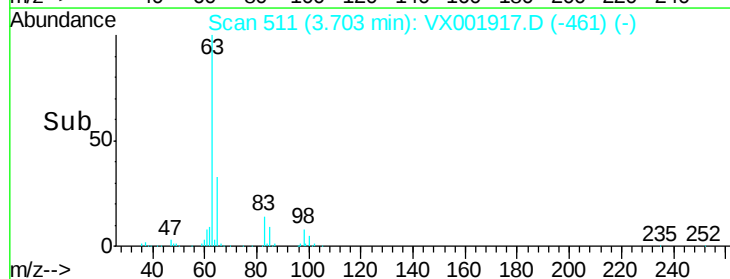
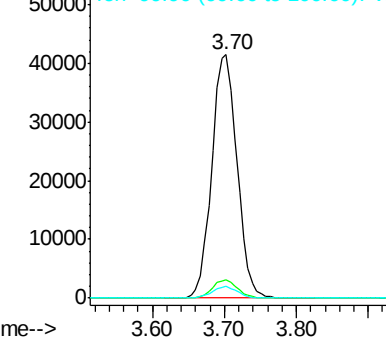
100 5.1 2.4 7.2

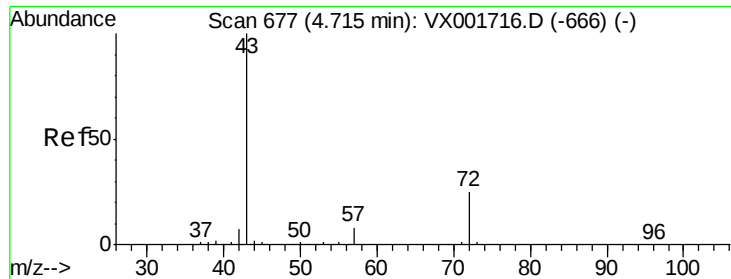


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 131.90 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBSD02

Tot Ion: 43 Resp: 260796

Ion Ratio Lower Upper

43 100

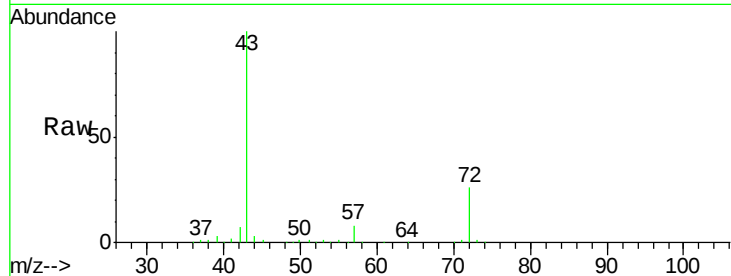
72 26.2 19.8 29.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

100000

80000

60000

40000

20000

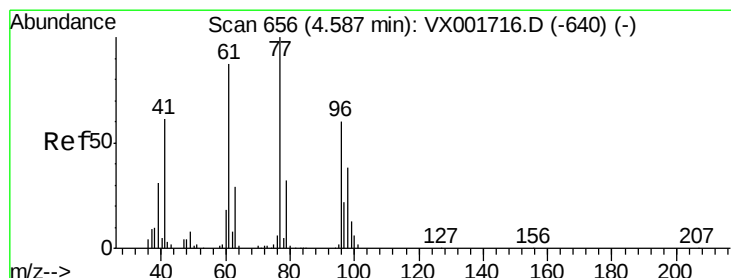
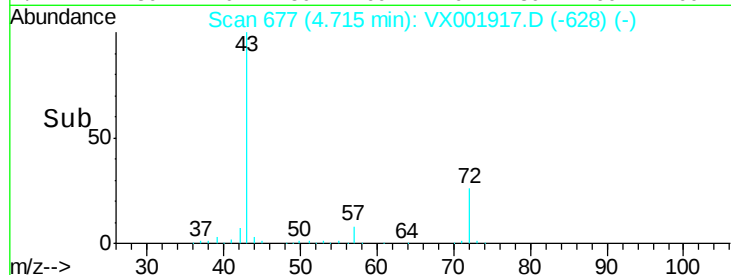
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 13.35 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX001917.D

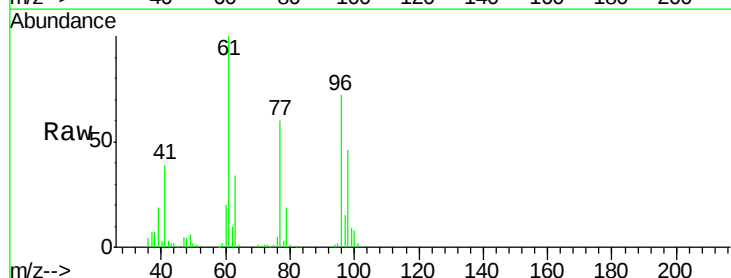
Acq: 23 May 2018 02:19

Tgt Ion: 77 Resp: 50657

Ion Ratio Lower Upper

77 100

97 25.4 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

15000

10000

5000

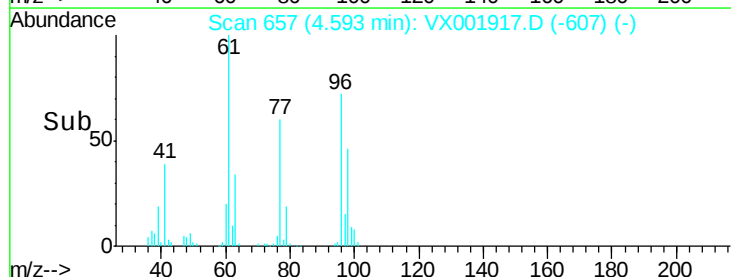
0

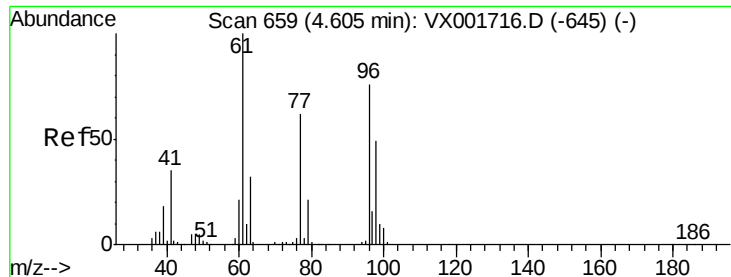
4.50

4.60

4.70

Time-->





#27

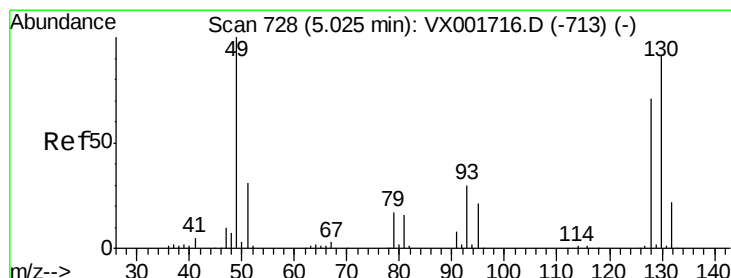
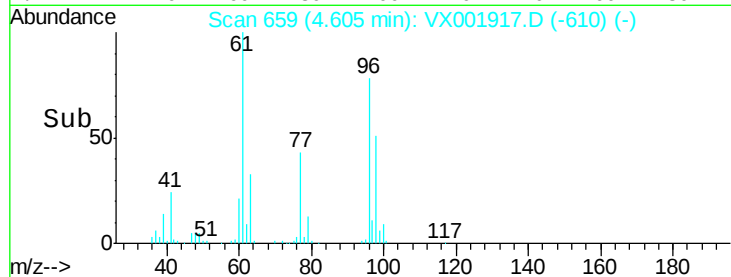
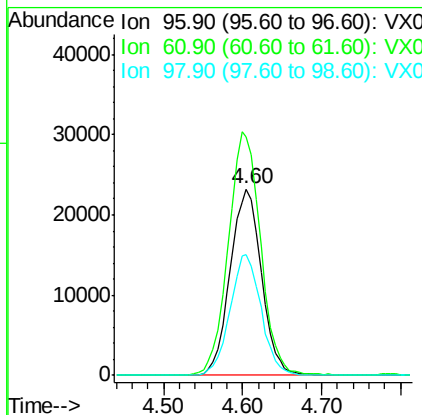
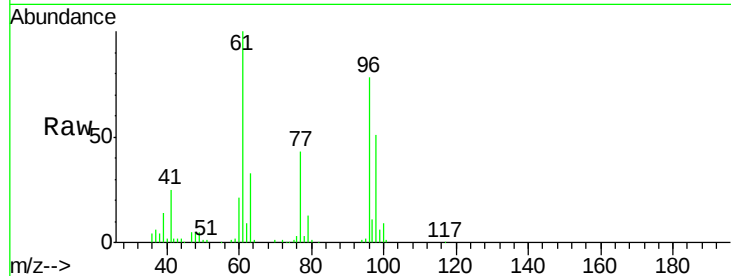
cis-1,2-Dichloroethene
Concen: 21.10 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.7	0.0	280.4
98	64.3	0.0	128.4

Manual Integrations
APPROVED

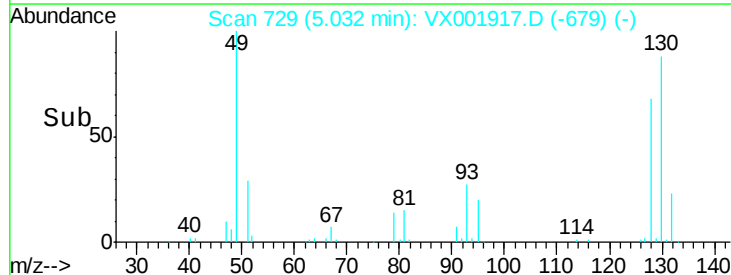
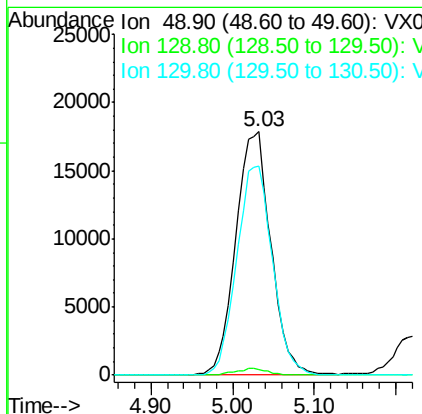
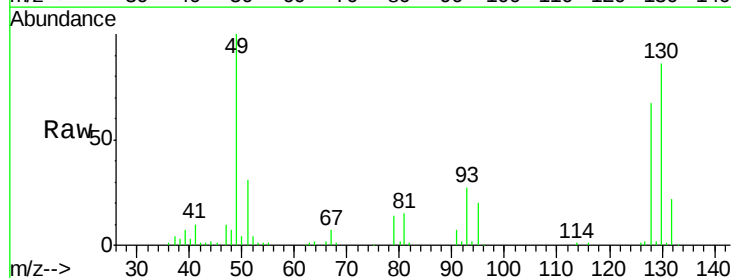
MMDadoda
5/24/2018 11:47:49 AM

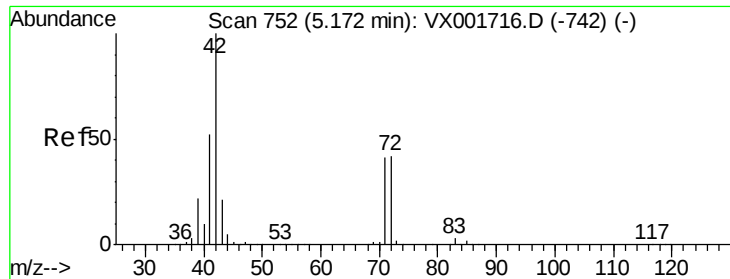


#28

Bromochloromethane
Concen: 25.52 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.01 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.0
130	87.1	71.8	107.6





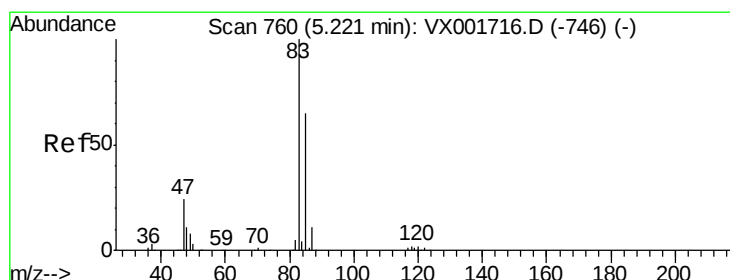
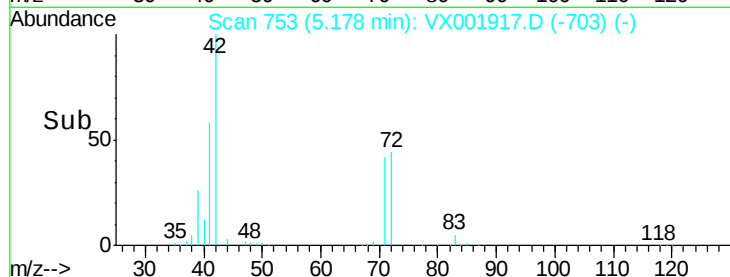
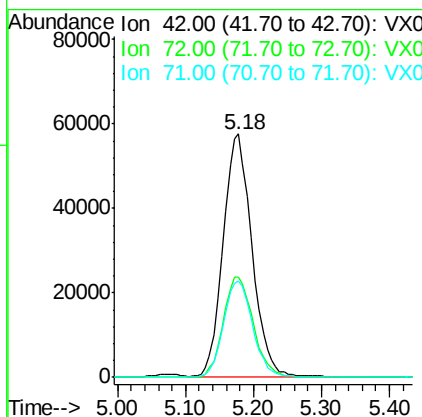
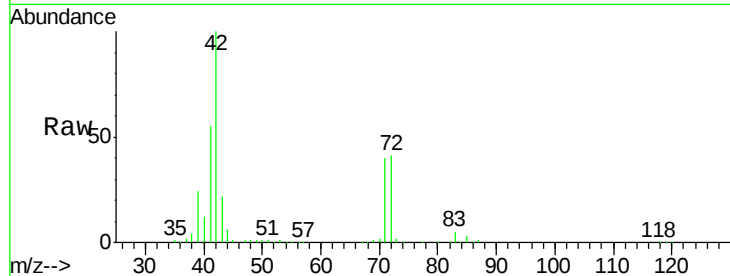
#29
Tetrahydrofuran
Concen: 130.74 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	35.4	53.2
71	40.2	33.2	49.8

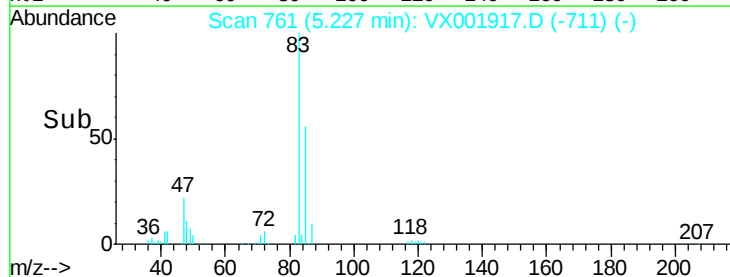
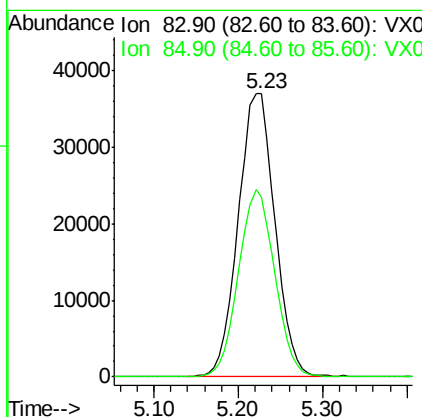
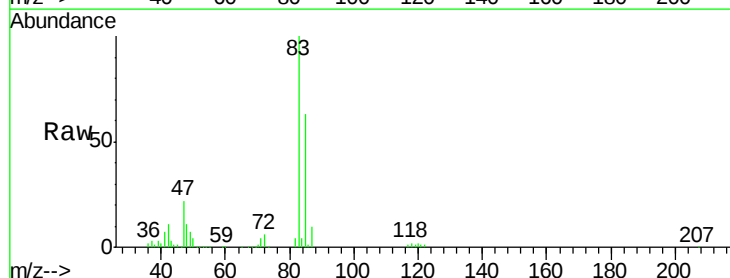
Manual Integrations
APPROVED

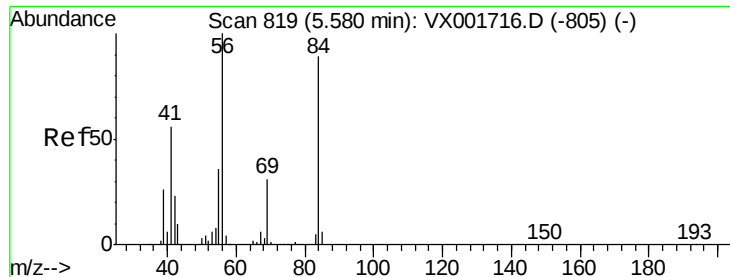
MMDadoda
5/24/2018 11:47:49 AM



#30
Chloroform
Concen: 22.12 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.3	78.5





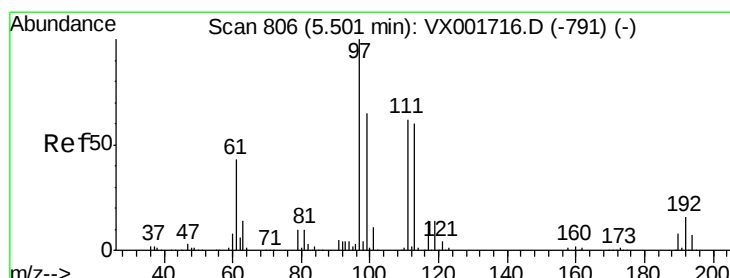
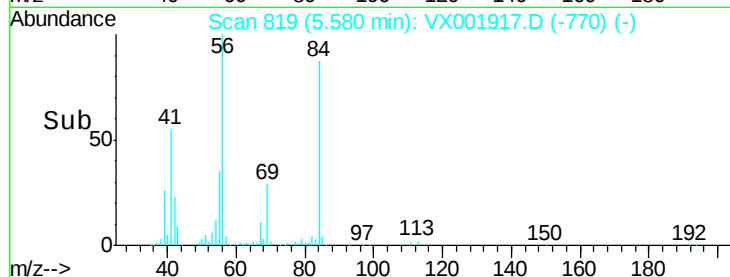
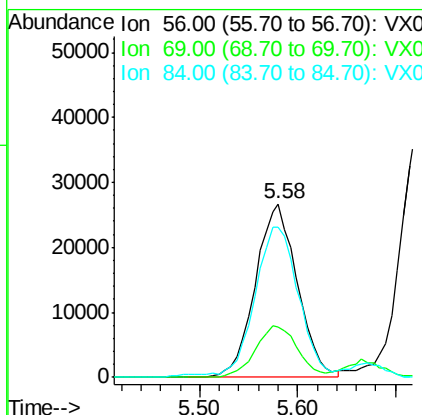
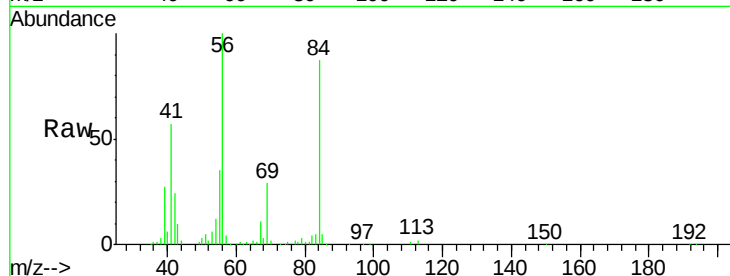
#31
Cyclohexane
Concen: 19.24 ug/l
RT: 5.58 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBSD02

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.7	25.0	37.6
84	84.8	71.0	106.4

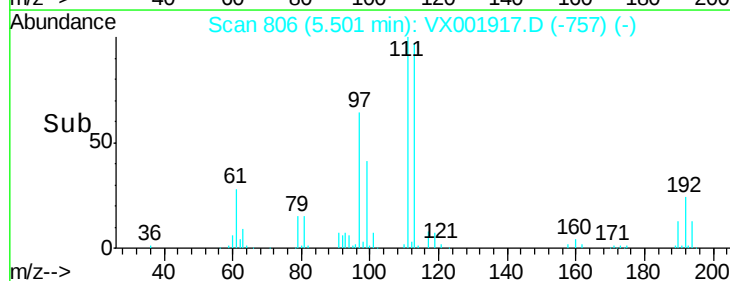
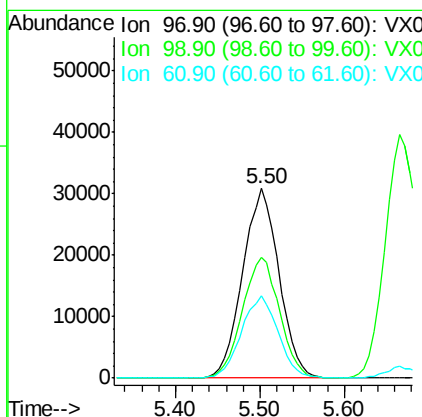
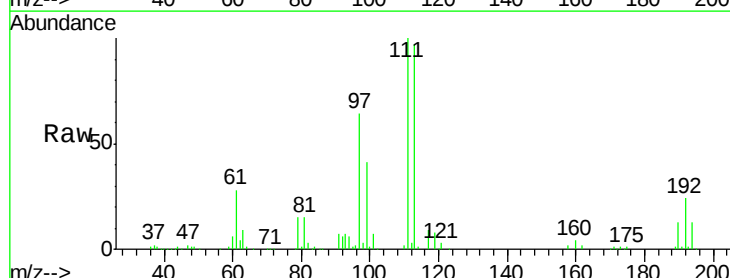
Manual Integrations
APPROVED

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#32
1,1,1-Trichloroethane
Concen: 21.14 ug/l
RT: 5.50 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.3	76.9
61	44.1	34.0	51.0





#33

1,2-Dichloroethane-d4

Concen: 52.36 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBSD02

Tot Ion: 65 Resp: 172174

Ion Ratio Lower Upper

65 100

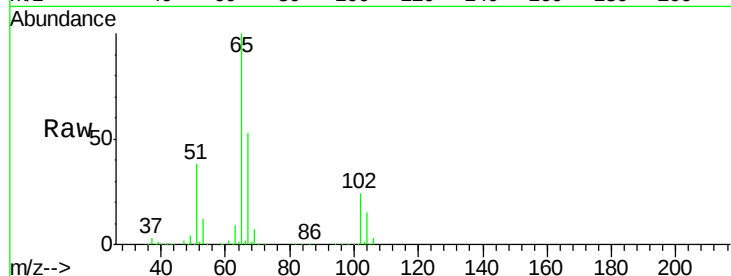
67 52.4 0.0 102.8

Manual Integrations

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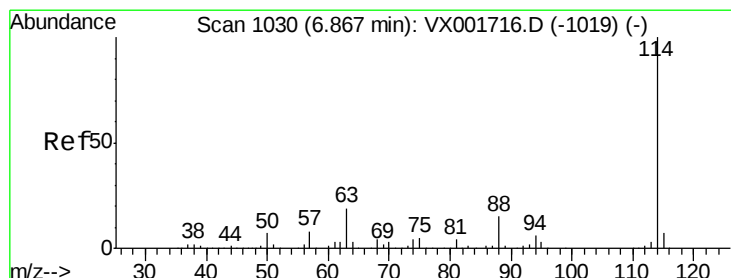
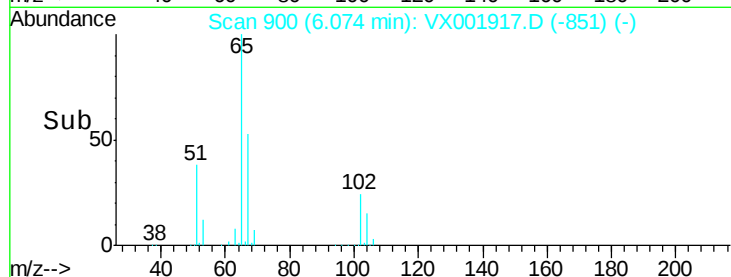
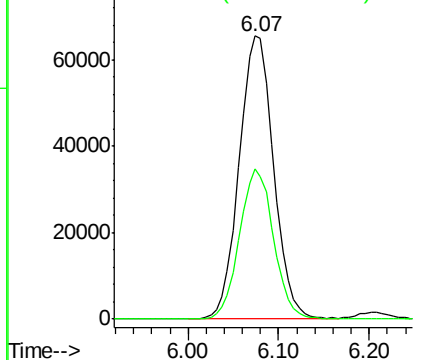
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

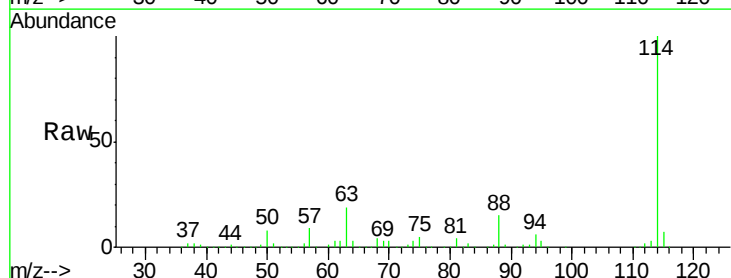
Tgt Ion: 114 Resp: 323109

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.0

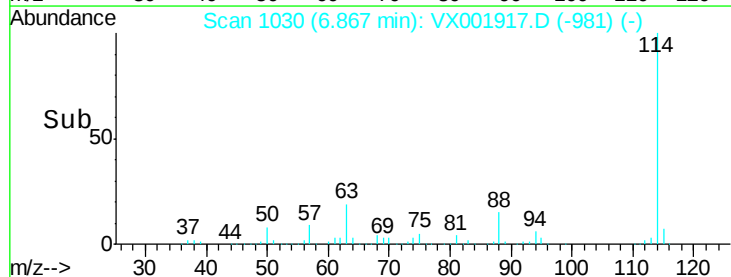
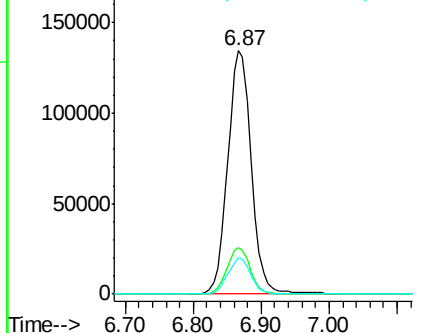
88 15.1 0.0 29.8

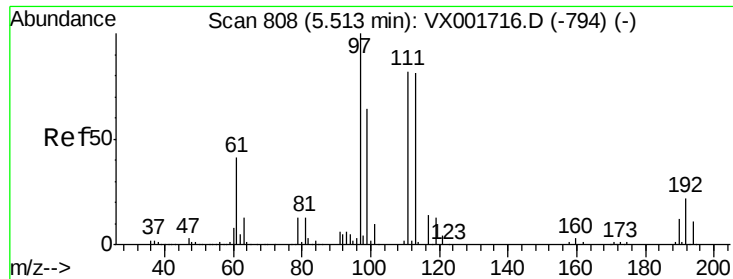


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





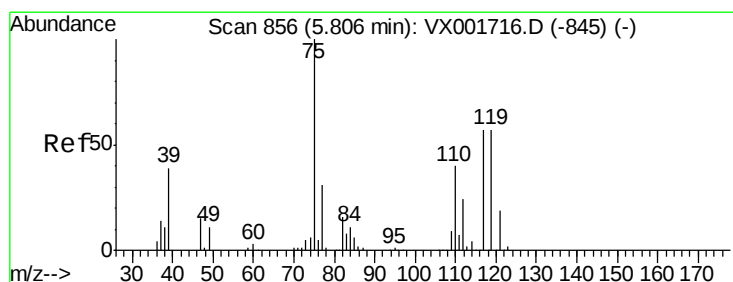
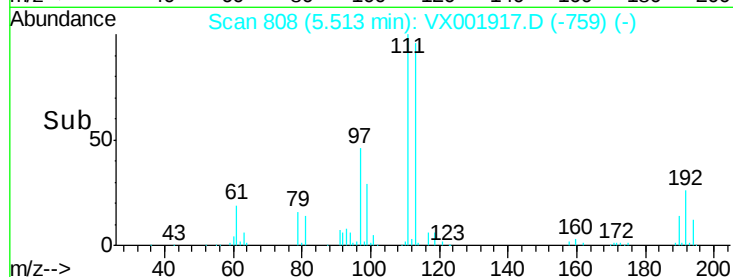
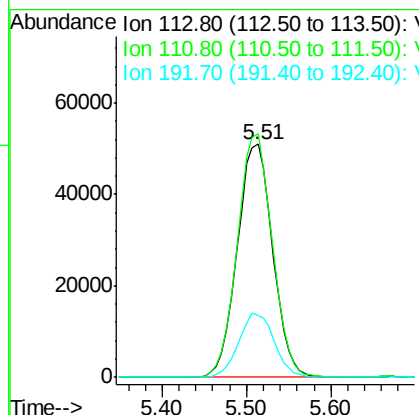
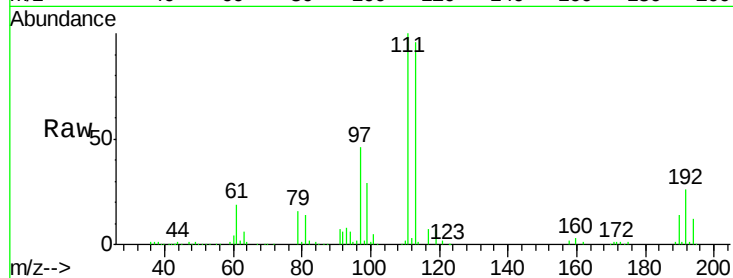
#35
 Dibromofluoromethane
 Concen: 53.12 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001917.D
 Acq: 23 May 2018 02:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.2	82.0	123.0	
192	27.4	21.6	32.4	

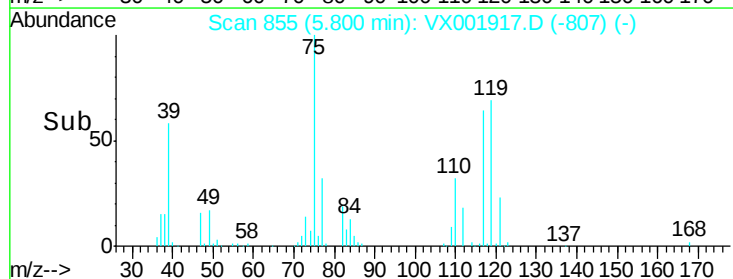
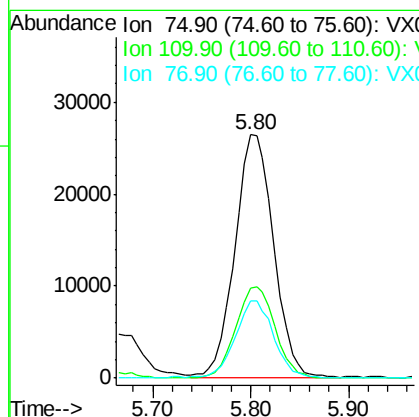
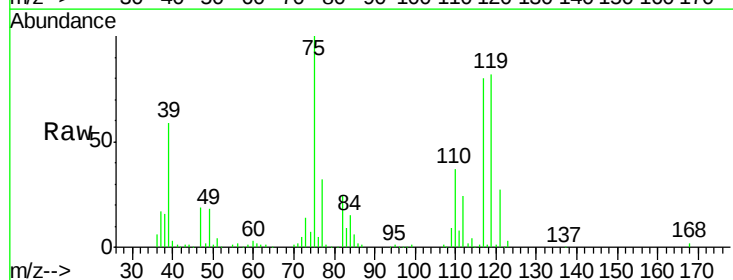
Manual Integrations
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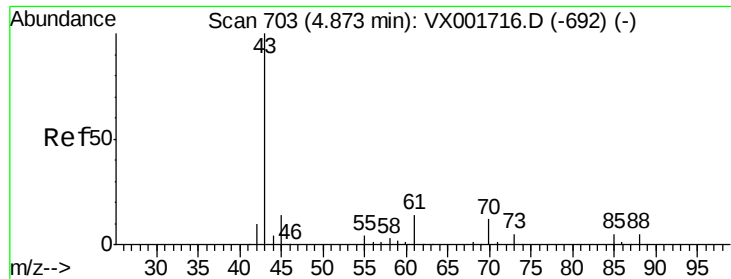
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#36
 1,1-Dichloropropene
 Concen: 19.34 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX001917.D
 Acq: 23 May 2018 02:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	38.3	19.1	57.1	
77	31.9	24.6	37.0	





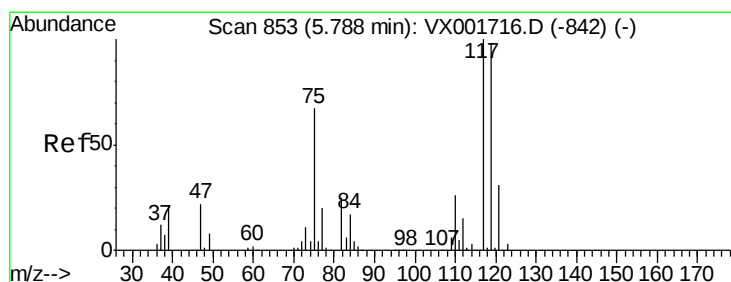
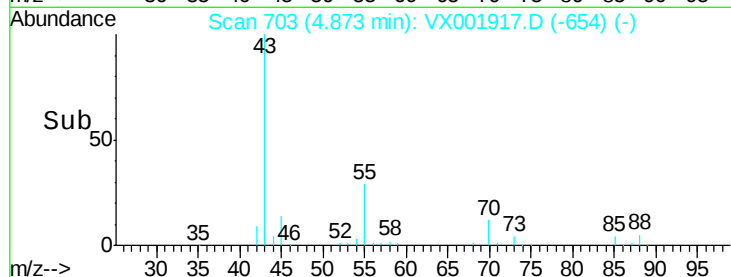
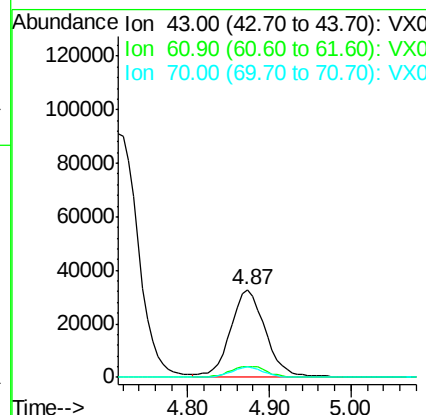
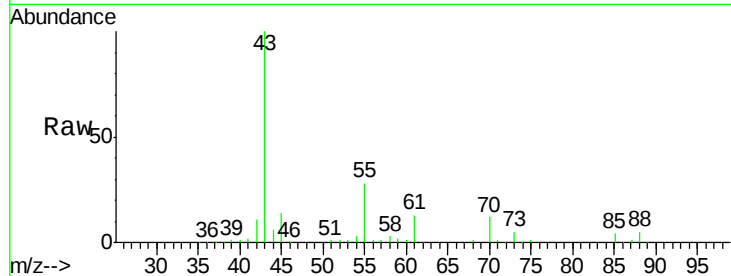
#37
Ethyl Acetate
Concen: 24.74 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.9	16.3
70	10.9	8.8	13.2

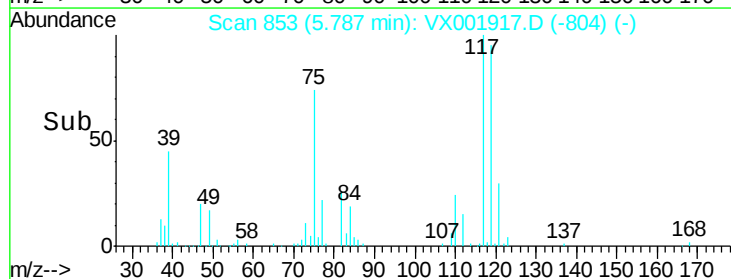
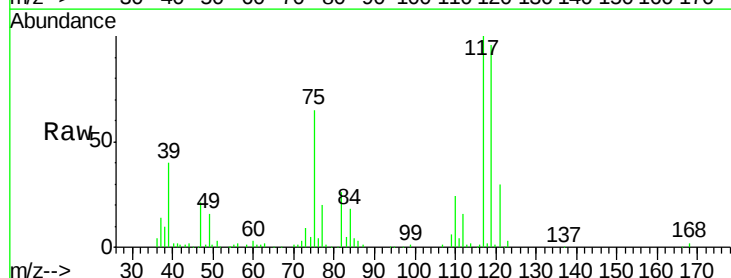
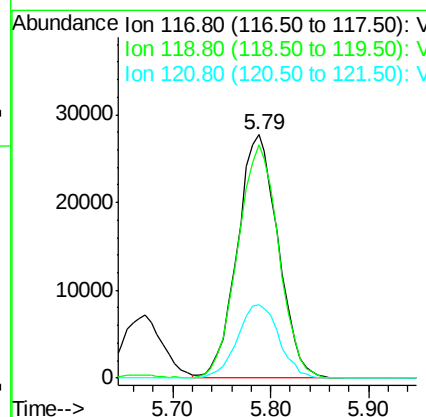
Manual Integrations
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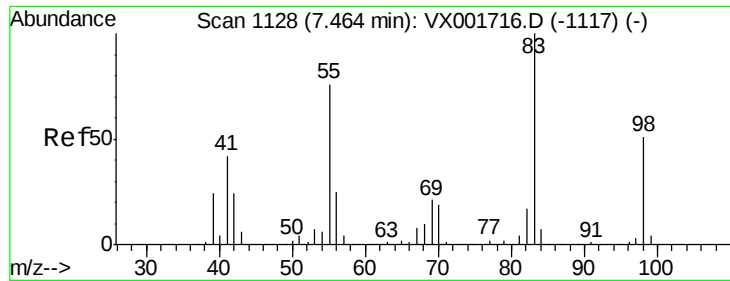
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5/24/2018 11:47:49 AM



#38
Carbon Tetrachloride
Concen: 20.56 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.6	116.4
121	30.2	24.6	36.8





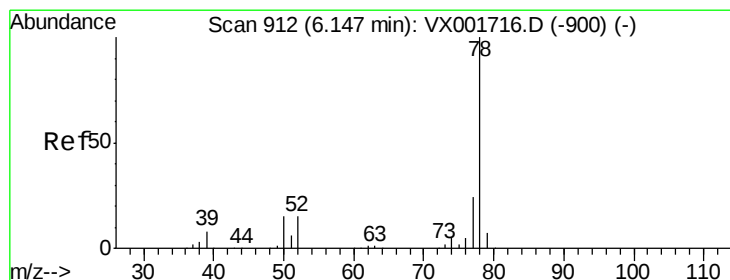
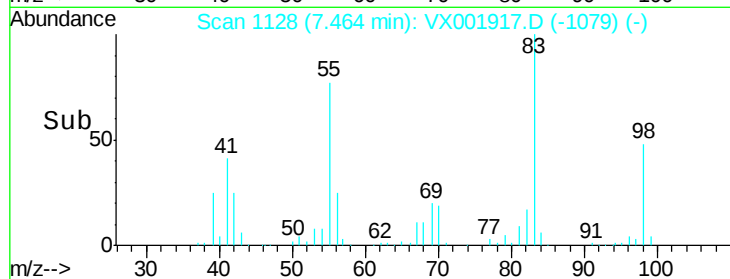
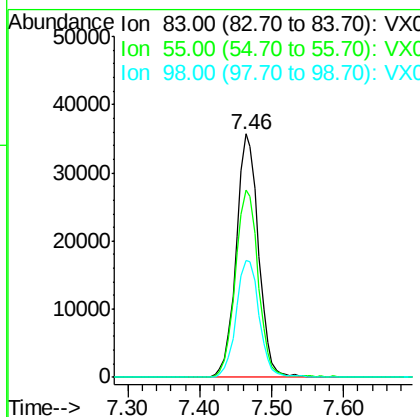
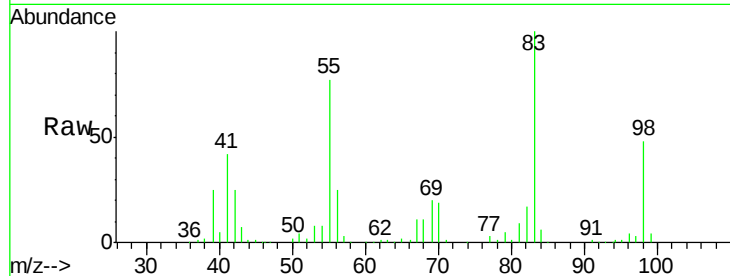
#39
Methvlcvclohexane
Concen: 17.68 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBSD02

Tot Ion	83	Resp	76842
Ion Ratio	100	Lower	Upper
83	100		
55	76.7	60.6	90.8
98	47.9	40.4	60.6

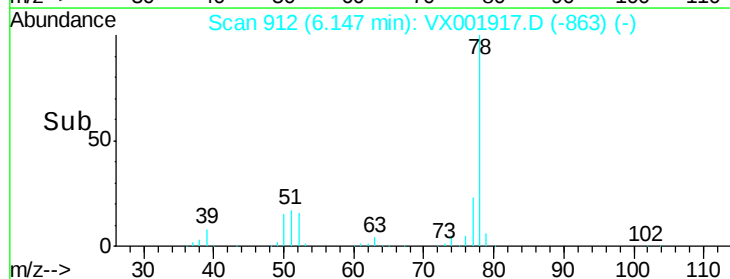
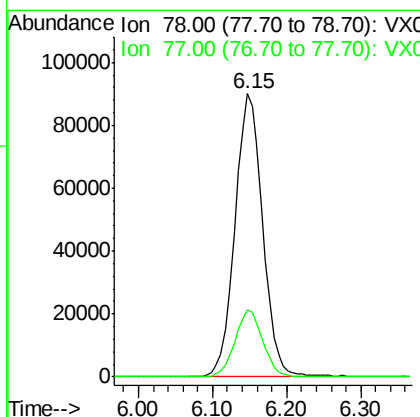
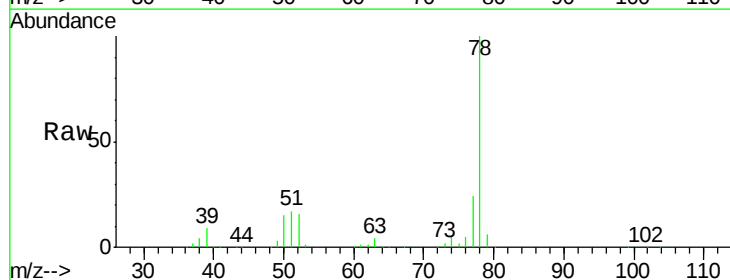
Manual Integrations
APPROVED

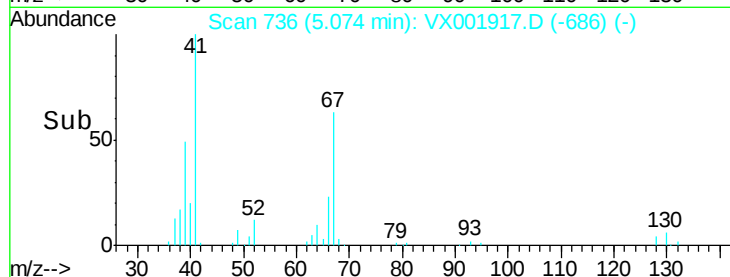
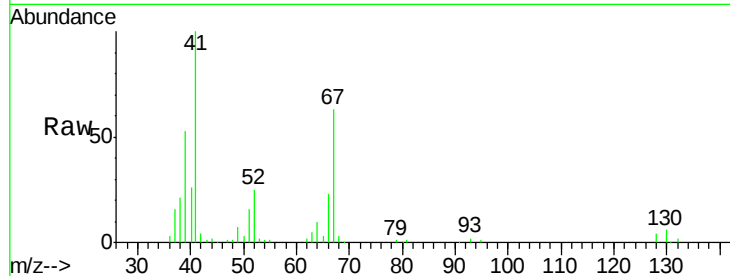
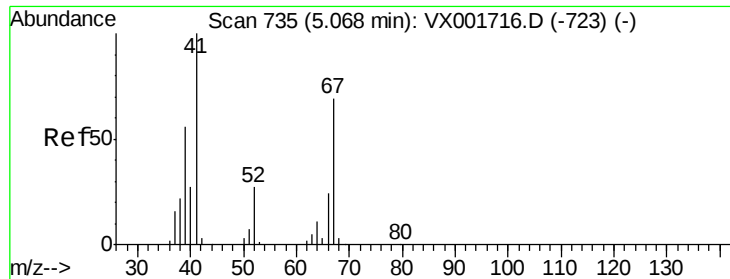
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#40
Benzene
Concen: 21.44 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Tgt Ion	78	Resp	234913
Ion Ratio	100	Lower	Upper
78	100		
77	23.7	19.0	28.4





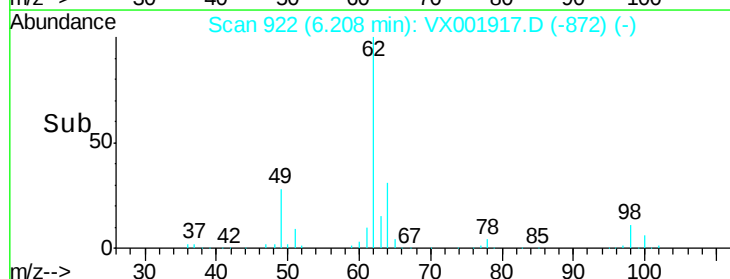
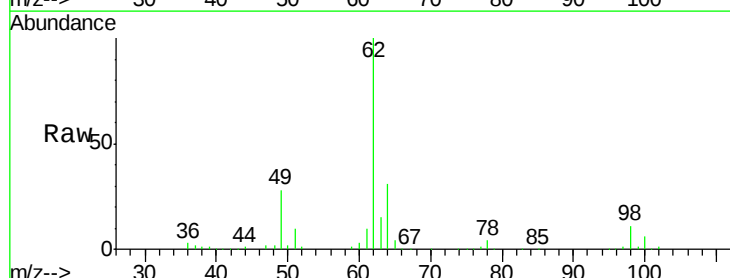
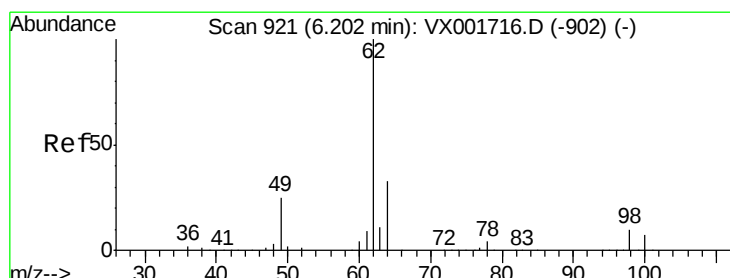
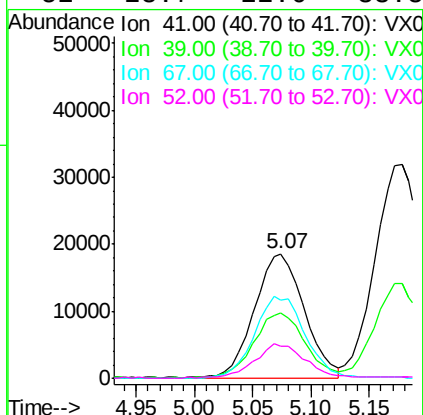
#41
Methacrylonitrile
Concen: 24.44 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	53.5	44.2	66.4		
67	68.0	56.0	84.0		
52	28.7	22.6	33.8		

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBSD02

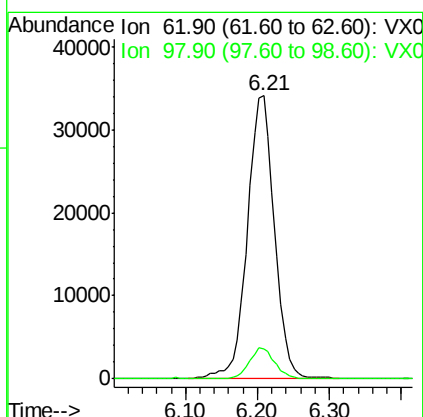
Manual Integrations
APPROVED

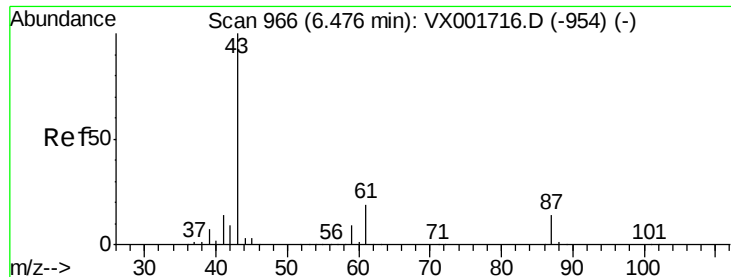
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#42
1,2-Dichloroethane
Concen: 22.49 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.01 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.3	0.0	20.0		





#43

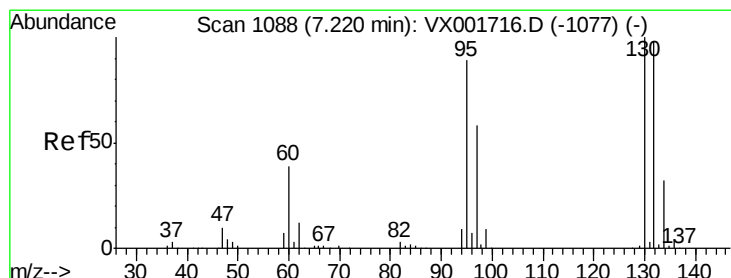
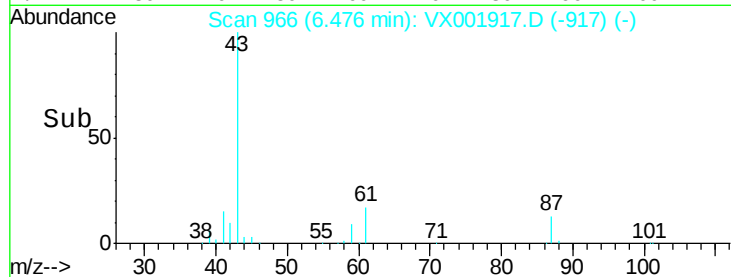
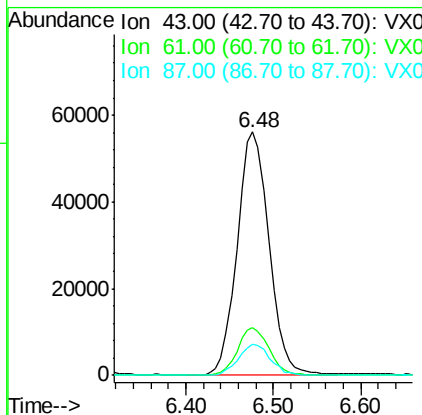
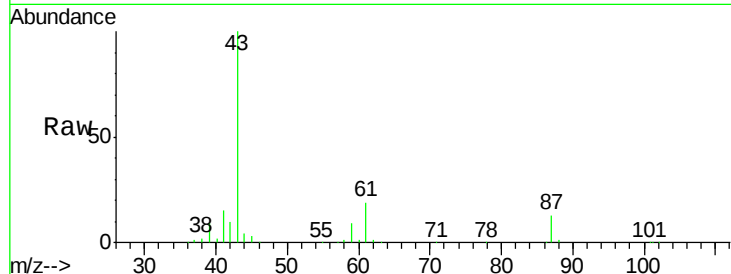
Isopropyl Acetate
 Concen: 23.36 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX001917.D
 Acq: 23 May 2018 02:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.8	23.8
87	13.0	11.0	16.4

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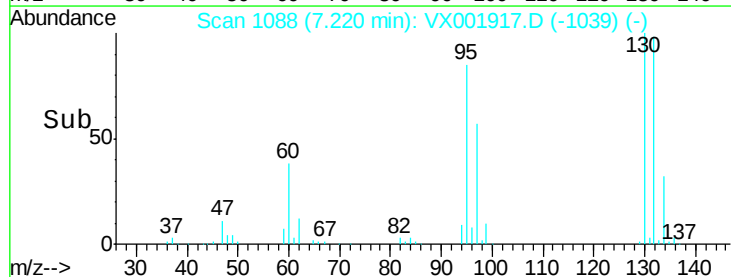
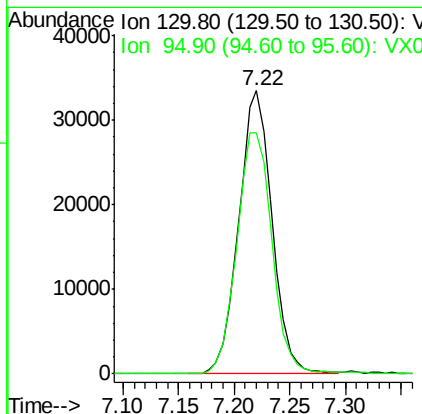
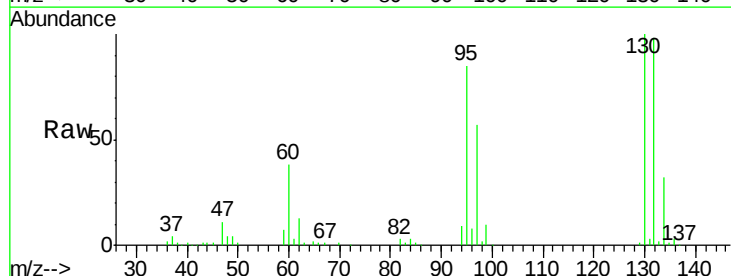
MMDadoda
 5/24/2018 11:47:49 AM

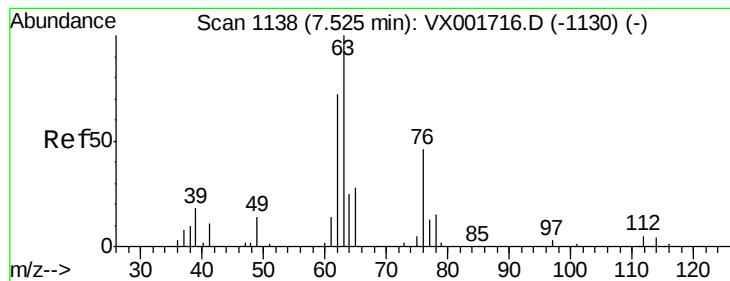


#44

Trichloroethene
 Concen: 20.49 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001917.D
 Acq: 23 May 2018 02:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	85.0	0.0	177.2





#45

1,2-Dichloropropane

Concen: 23.40 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBSD02

Tot Ion: 63 Resp: 62915

Ion Ratio Lower Upper

63 100

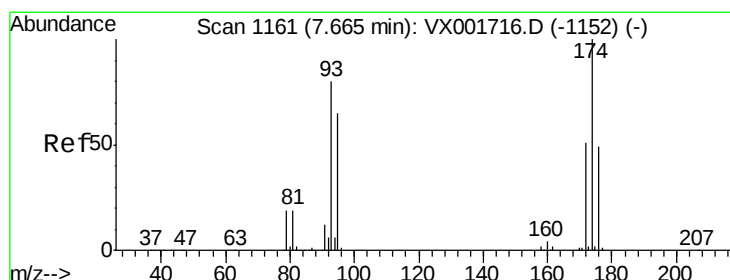
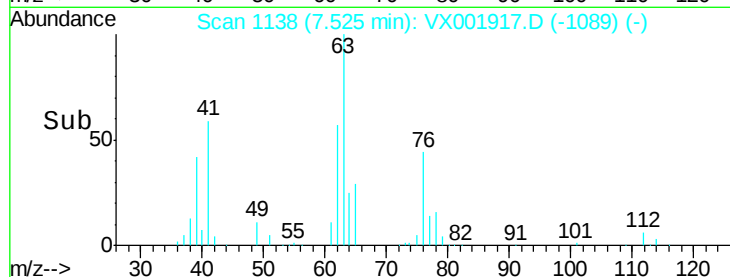
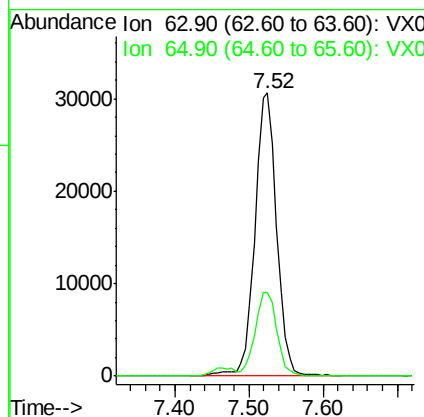
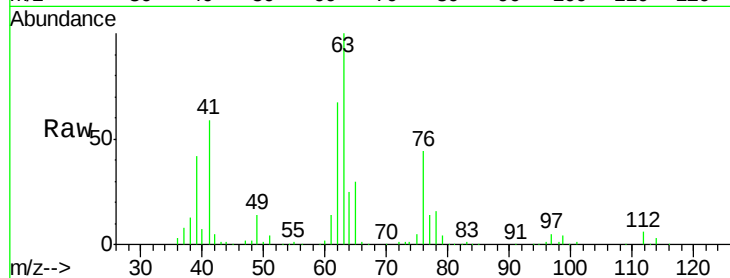
65 29.5 24.2 36.2

Manual Integrations

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#46

Dibromomethane

Concen: 21.82 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

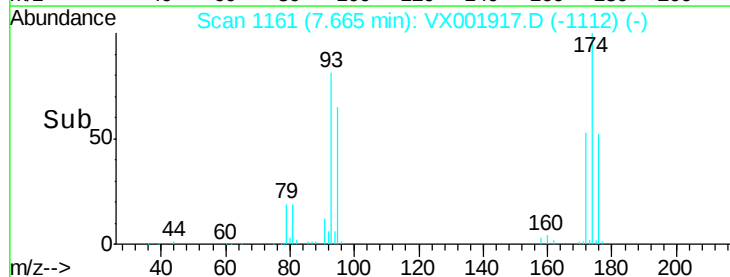
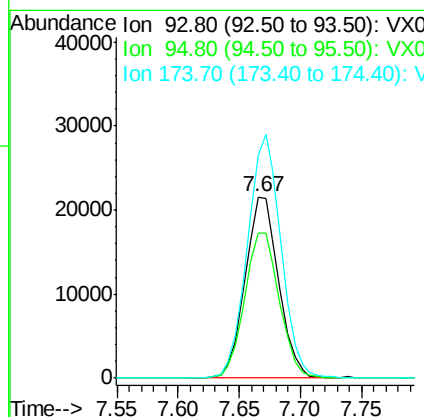
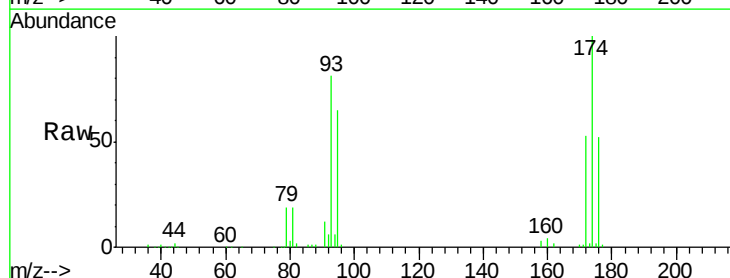
Tgt Ion: 93 Resp: 41199

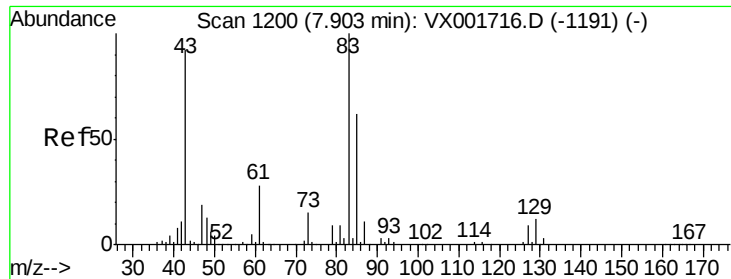
Ion Ratio Lower Upper

93 100

95 82.9 65.9 98.9

174 134.3 106.2 159.2





#47

Bromodichloromethane

Concen: 22.42 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

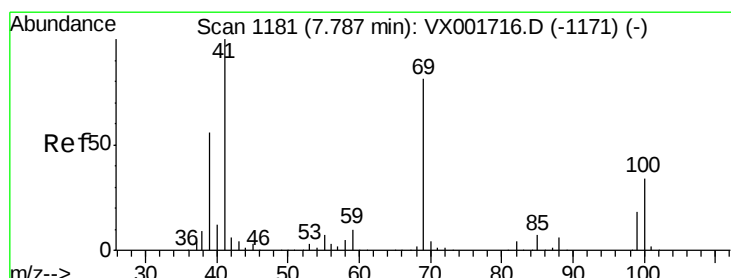
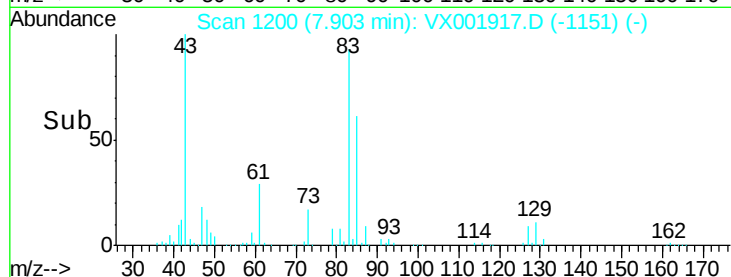
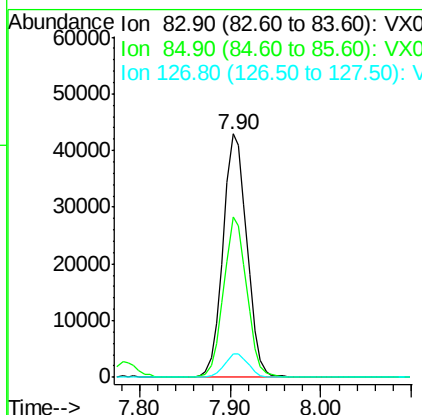
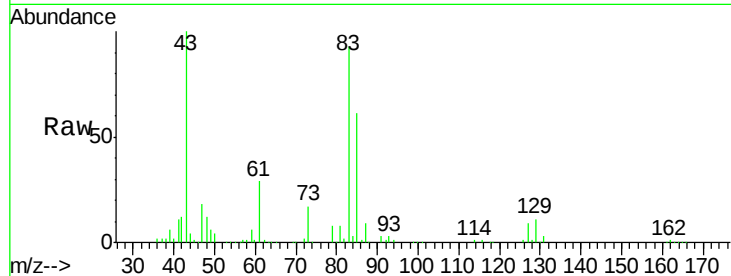
ClientSampleId :

VX0522WBSD02

Tot Ion:	83	Resp:	78559
Ion	Ratio	Lower	Upper
83	100		
85	66.0	49.6	74.4
127	9.6	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 24.13 ug/l

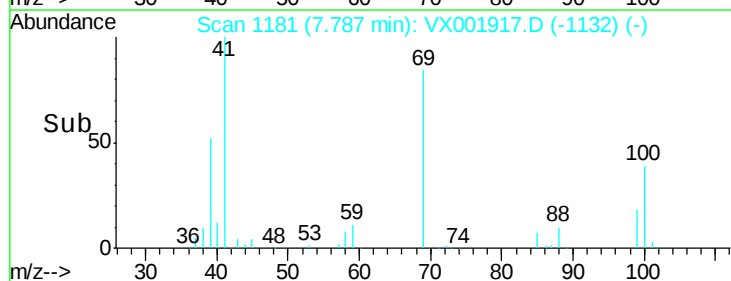
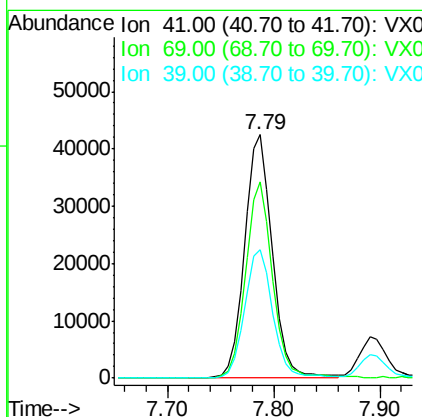
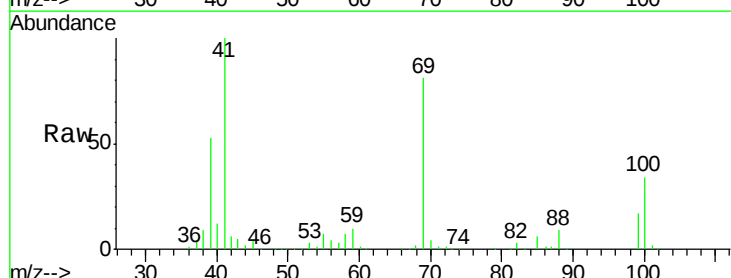
RT: 7.79 min Scan# 1181

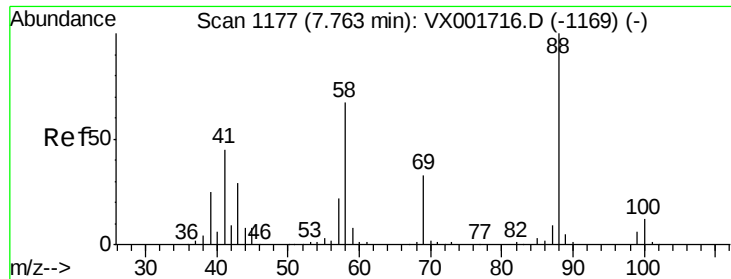
Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Tgt Ion:	41	Resp:	77065
Ion	Ratio	Lower	Upper
41	100		
69	79.1	65.2	97.8
39	54.0	44.5	66.7





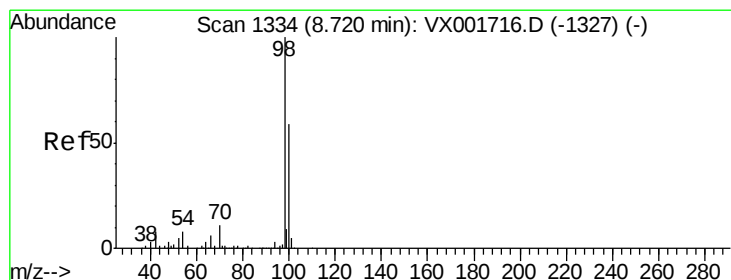
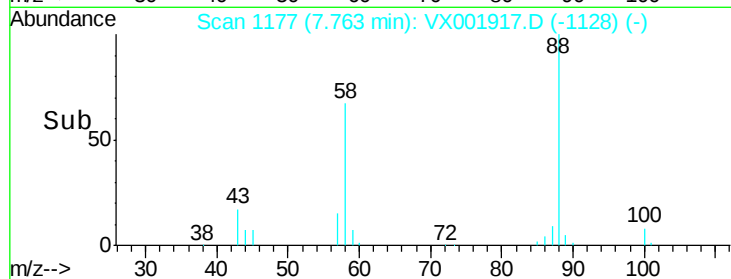
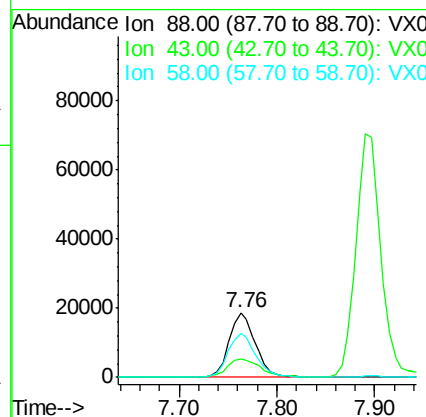
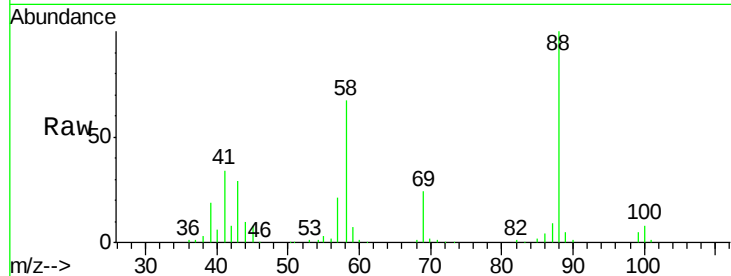
#49
1,4-Dioxane
Concen: 568.32 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.4	27.3	40.9
58	71.5	55.9	83.9

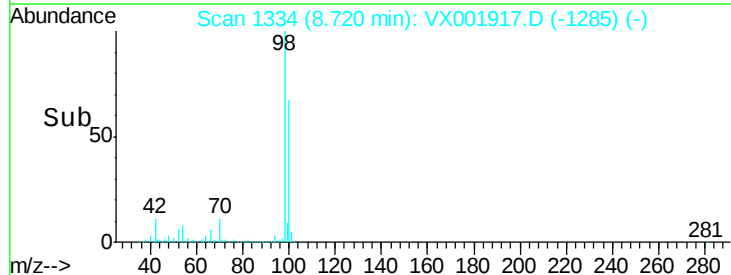
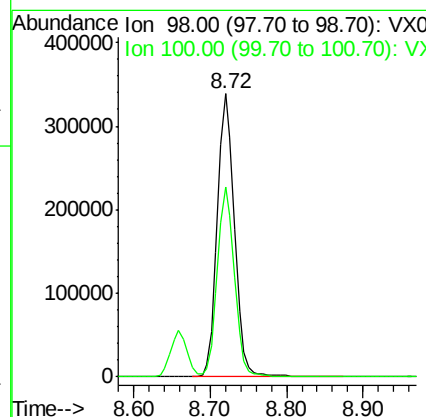
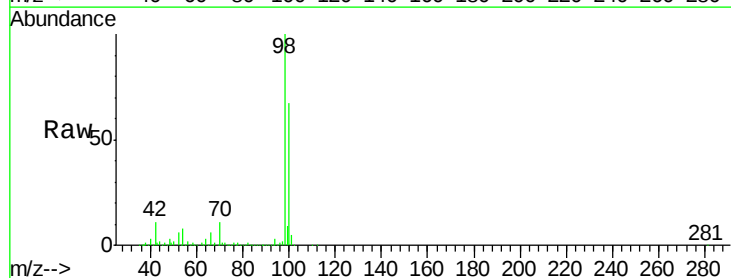
Manual Integrations
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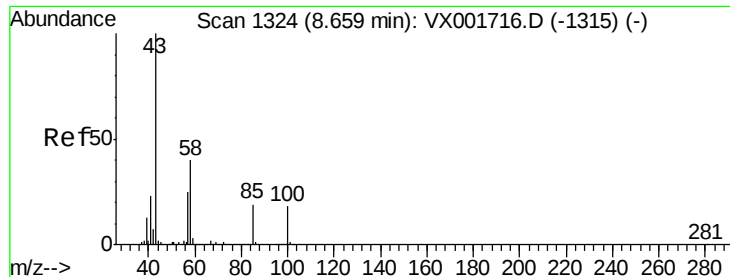
MMDadoda
5/24/2018 11:47:49 AM



#50
Toluene-d8
Concen: 54.13 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	54.0	81.0





#51

4-Methyl-2-Pentanone

Concen: 133.52 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBSD02

Tot Ion: 43 Resp: 513345

Ion Ratio Lower Upper

43 100

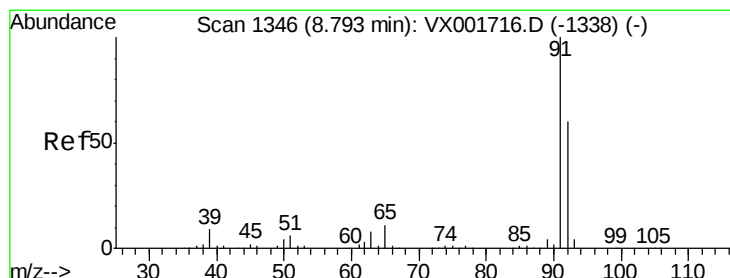
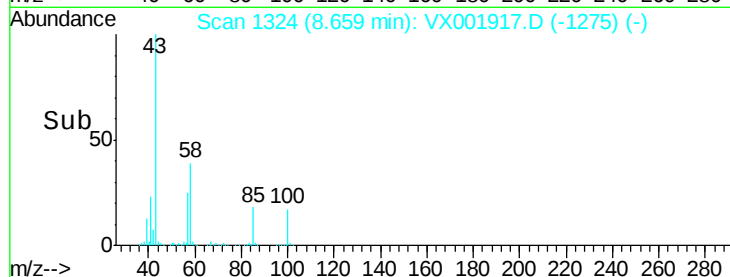
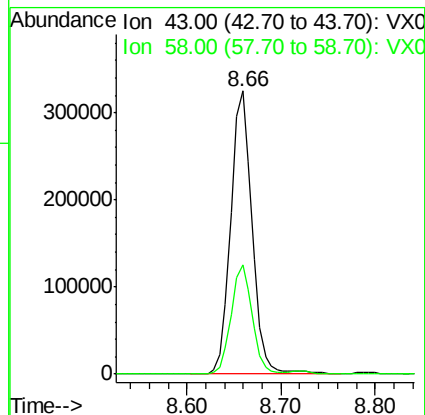
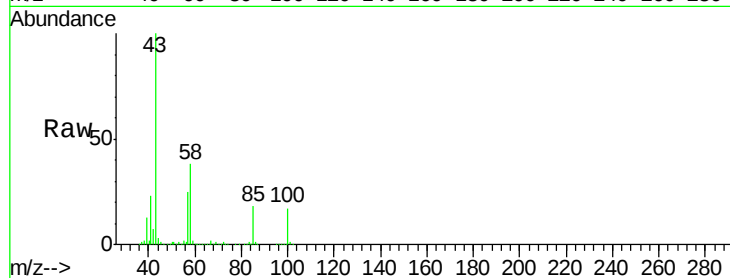
58 37.7 31.4 47.0

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#52

Toluene

Concen: 21.62 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001917.D

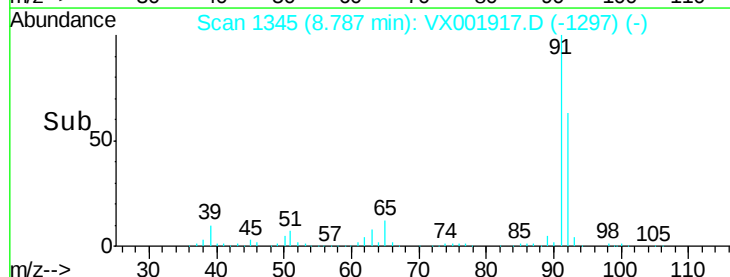
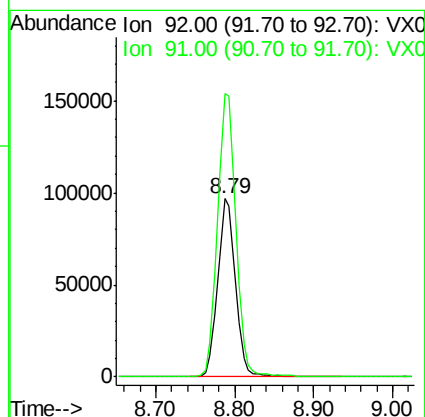
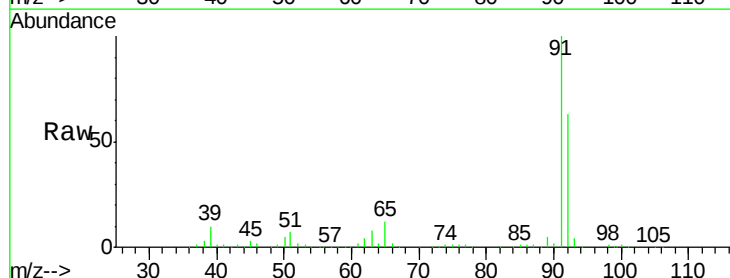
Acq: 23 May 2018 02:19

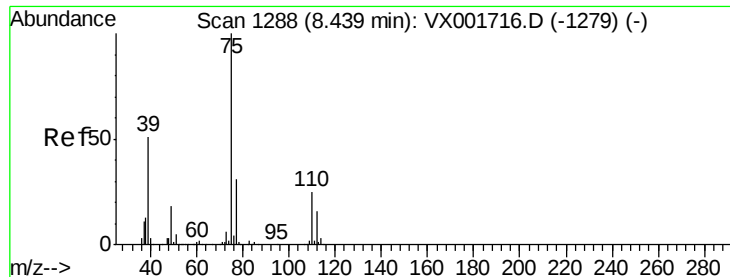
Tgt Ion: 92 Resp: 152276

Ion Ratio Lower Upper

92 100

91 165.3 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 20.51 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBSD02

Tot Ion: 75 Resp: 84557

Ion Ratio Lower Upper

75 100

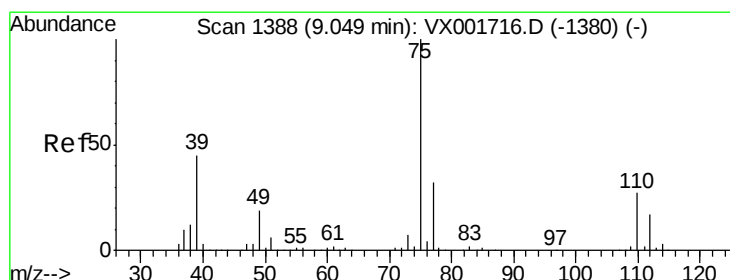
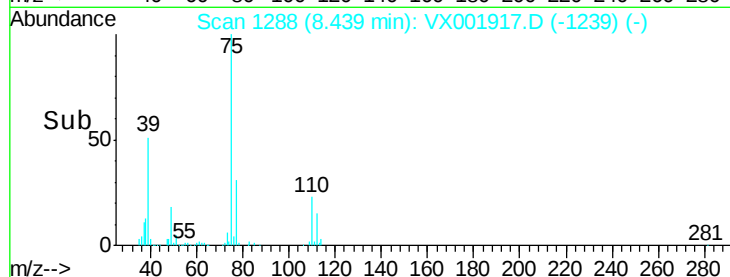
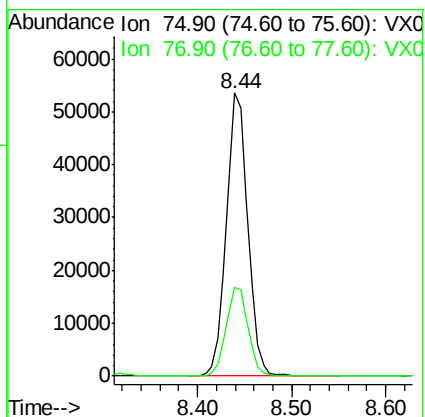
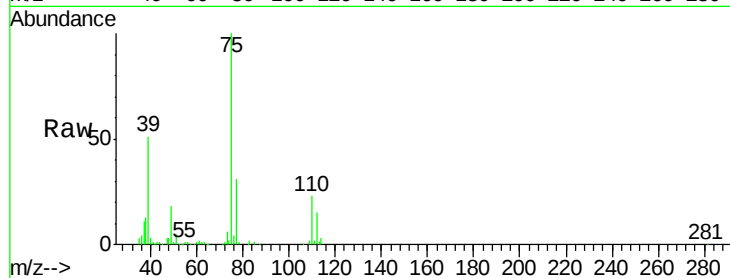
77 31.2 25.0 37.6

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#54

cis-1,3-Dichloropropene

Concen: 20.71 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

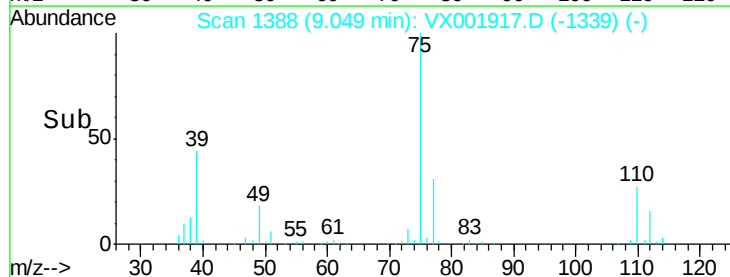
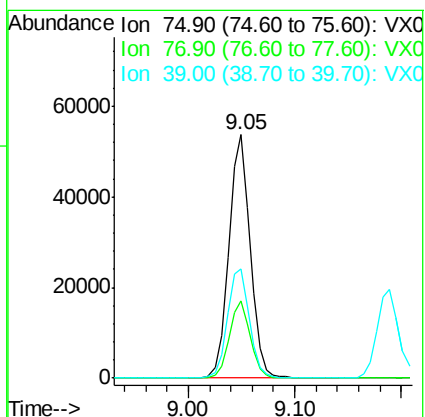
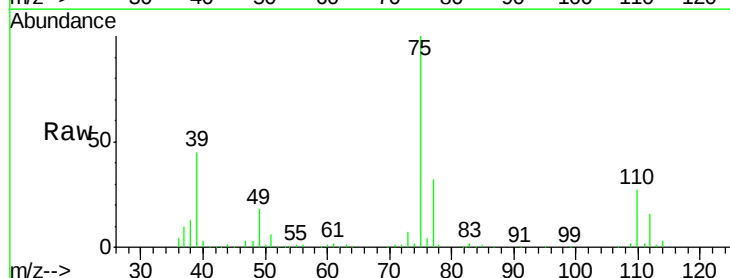
Tgt Ion: 75 Resp: 75260

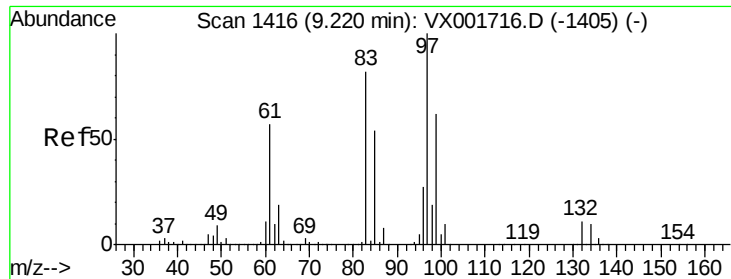
Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.2

39 44.8 36.1 54.1





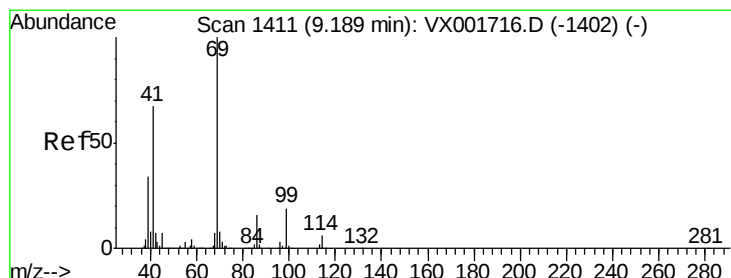
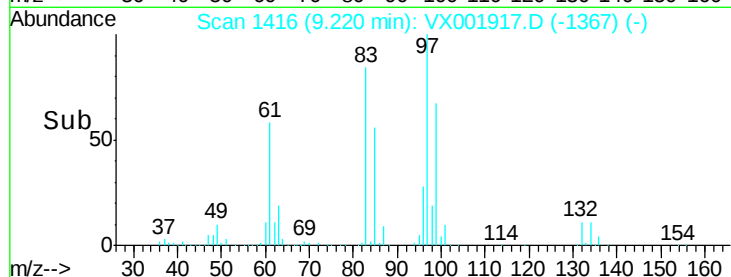
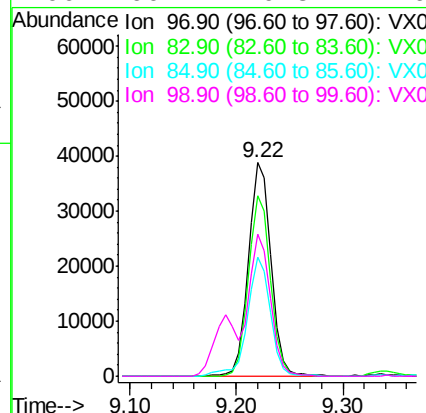
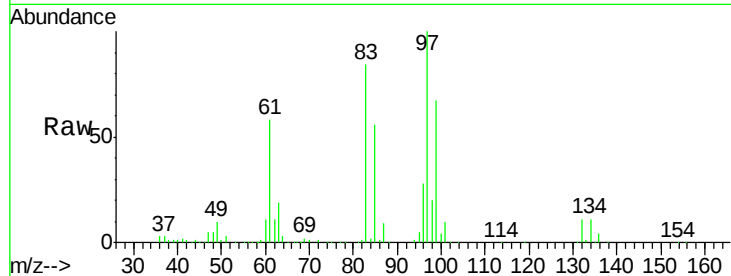
#55
 1,1,2-Trichloroethane
 Concen: 21.53 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001917.D
 Acq: 23 May 2018 02:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBSD02

Tot Ion:	97	Resp:	57953
Ion	Ratio	Lower	Upper
97	100		
83	84.4	65.8	98.8
85	55.8	43.4	65.0
99	66.7	49.8	74.6

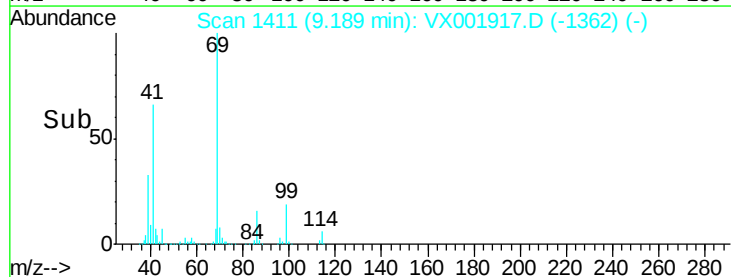
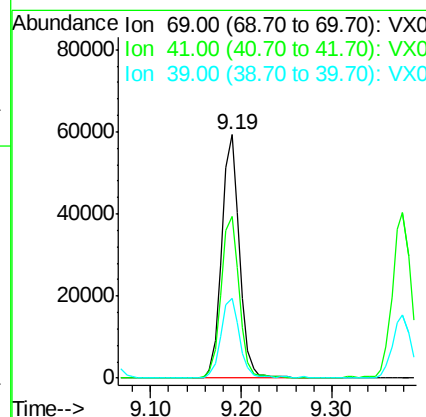
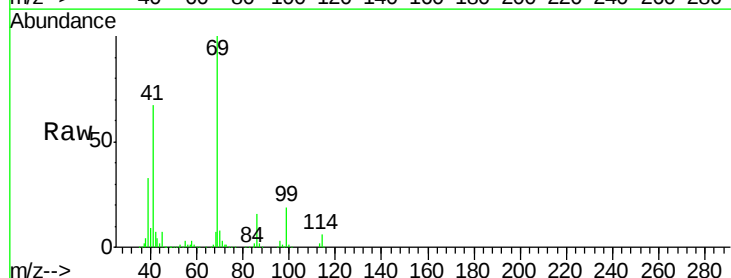
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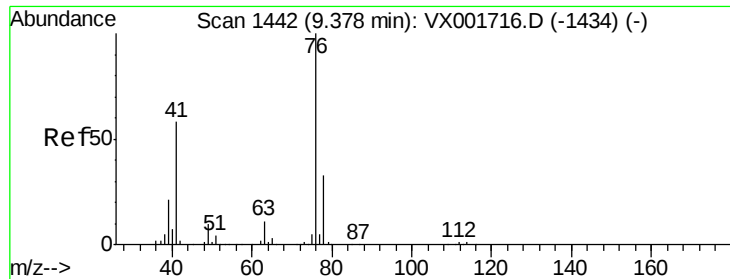
MMDadoda
 5/24/2018 11:47:49 AM



#56
 Ethyl methacrylate
 Concen: 21.36 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001917.D
 Acq: 23 May 2018 02:19

Tgt Ion:	69	Resp:	81552
Ion	Ratio	Lower	Upper
69	100		
41	67.6	53.5	80.3
39	33.8	27.2	40.8





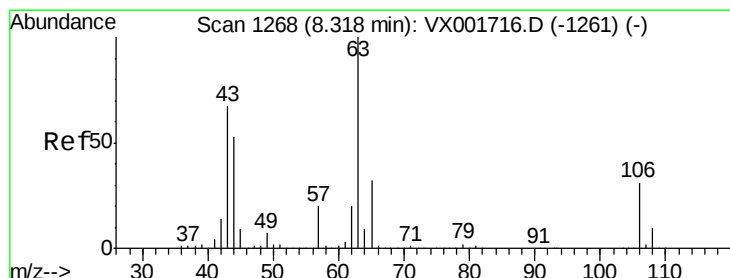
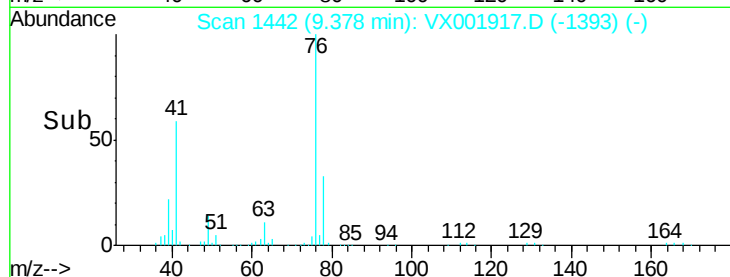
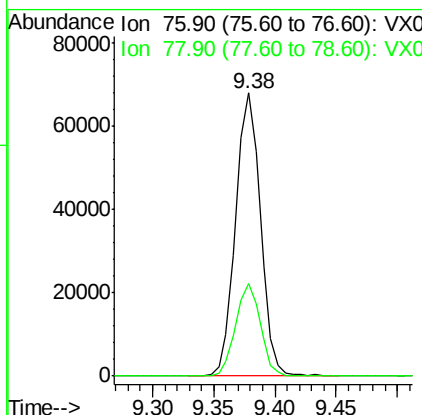
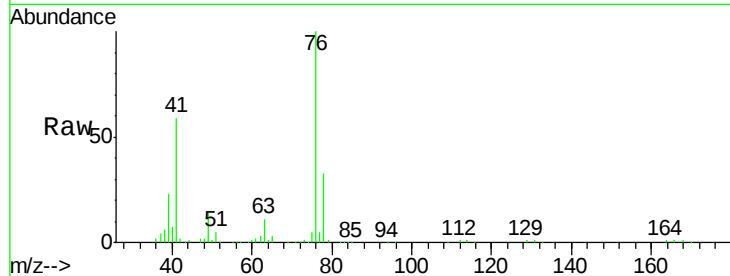
#57
 1,3-Dichloropropane
 Concen: 21.18 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001917.D
 Acq: 23 May 2018 02:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBSD02

Tot Ion	76	Resp	95448
Ion Ratio	Lower	Upper	
76	100		
78	32.5	25.8	38.6

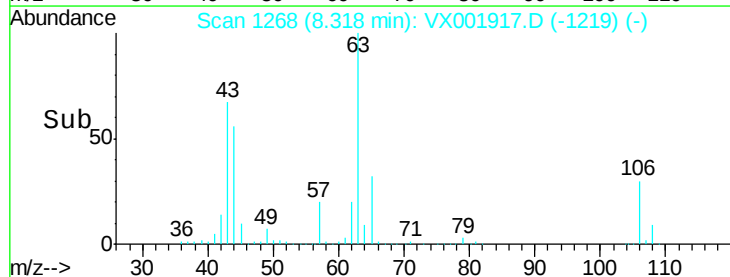
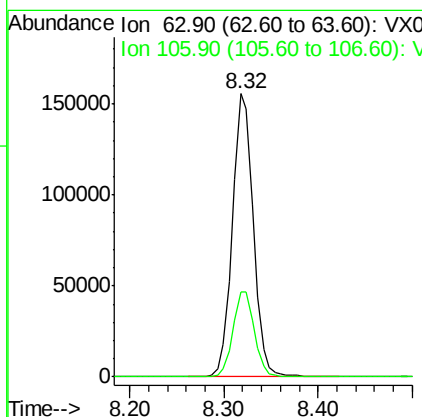
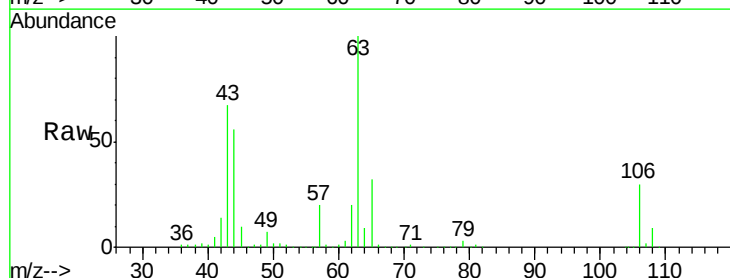
Manual Integrations
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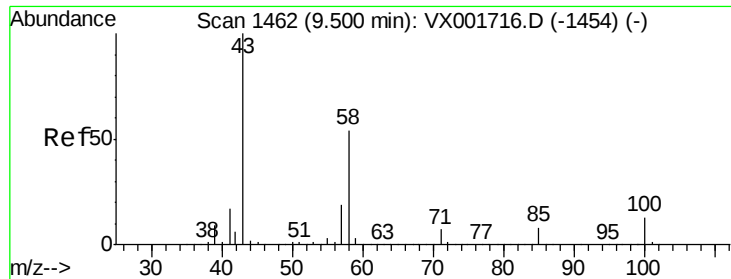
MMDadoda
 5/24/2018 11:47:49 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 121.77 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX001917.D
 Acq: 23 May 2018 02:19

Tgt Ion	63	Resp	239092
Ion Ratio	Lower	Upper	
63	100		
106	31.2	25.1	37.7





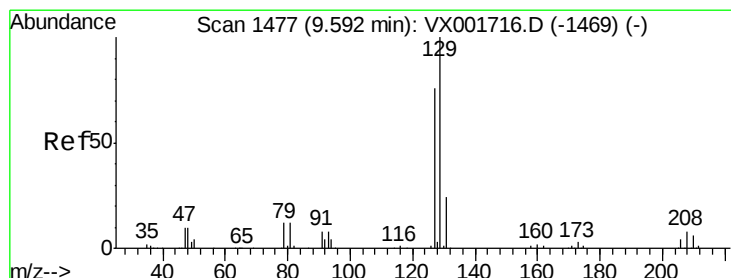
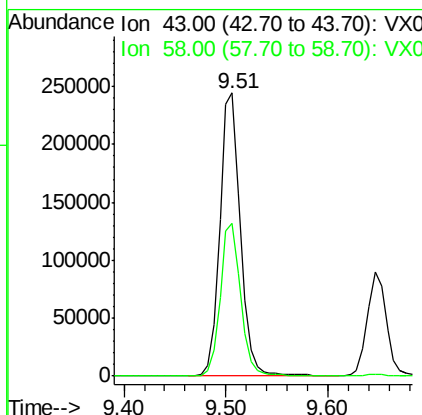
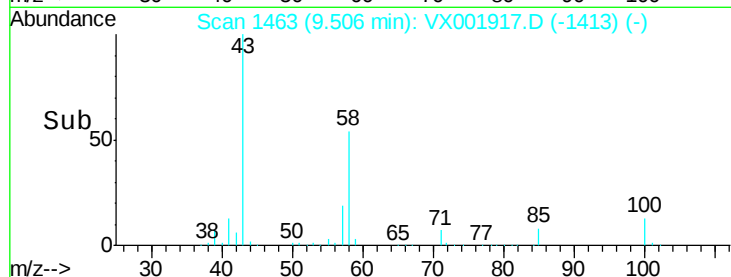
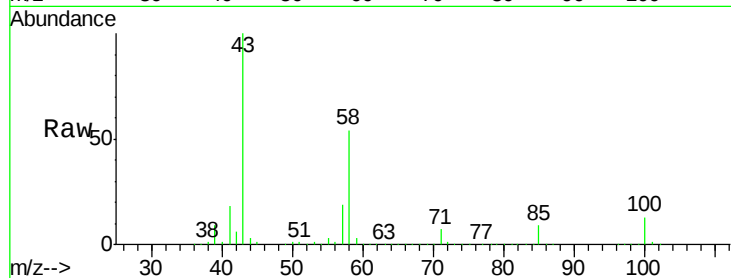
#59
2-Hexanone
Concen: 124.81 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.01 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBSD02

Tot Ion: 43 Resp: 343498
Ion Ratio Lower Upper
43 100
58 53.7 27.7 83.1

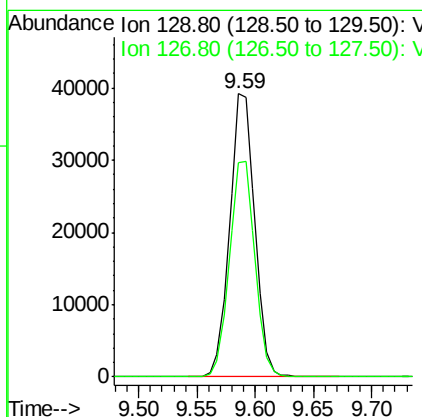
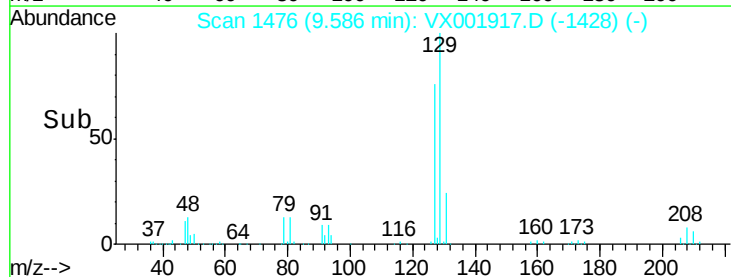
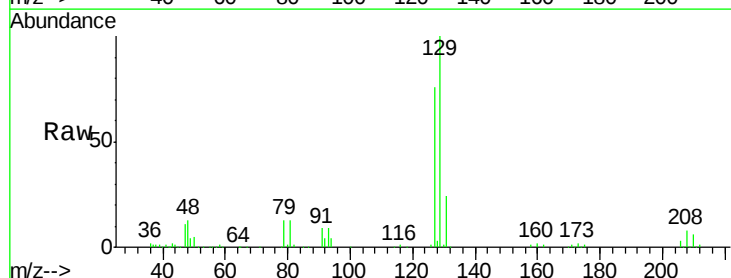
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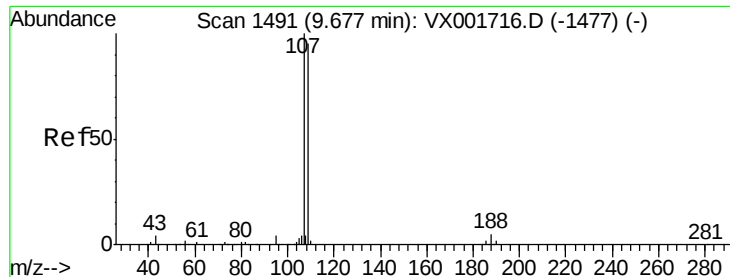
MMDadoda
5/24/2018 11:47:49 AM



#60
Dibromochloromethane
Concen: 21.27 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Tgt Ion:129 Resp: 58624
Ion Ratio Lower Upper
129 100
127 77.2 38.7 116.1





#61

1,2-Dibromoethane

Concen: 21.28 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBSD02

Tot Ion:107 Resp: 59973

Ion Ratio Lower Upper

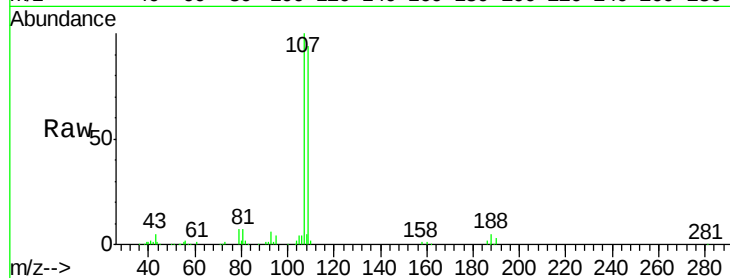
107 100

109 96.4 76.2 114.2

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

50000

40000

30000

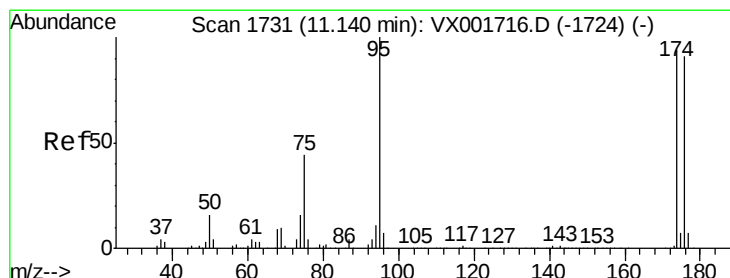
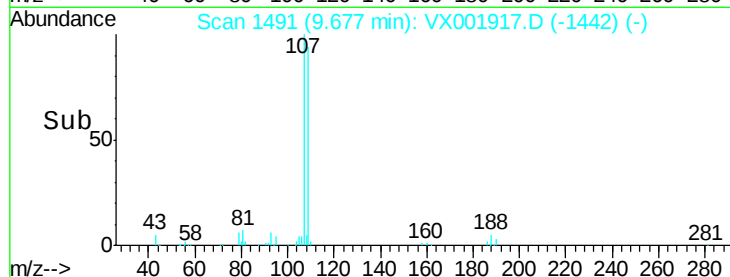
20000

10000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 49.72 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

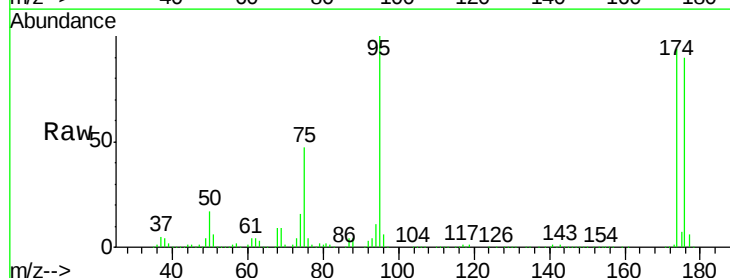
Tgt Ion: 95 Resp: 174820

Ion Ratio Lower Upper

95 100

174 101.8 0.0 201.8

176 98.5 0.0 196.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

150000

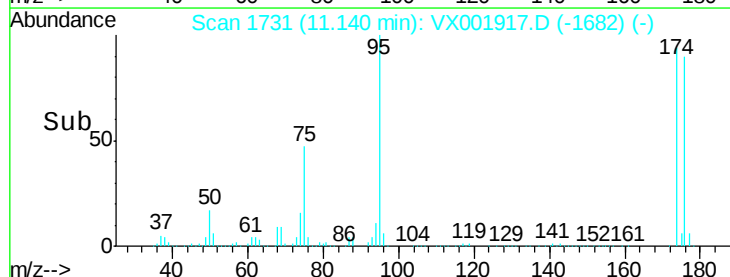
100000

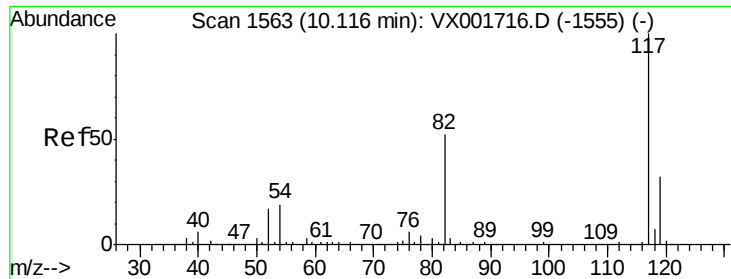
50000

0

Time-->

11.10 11.20





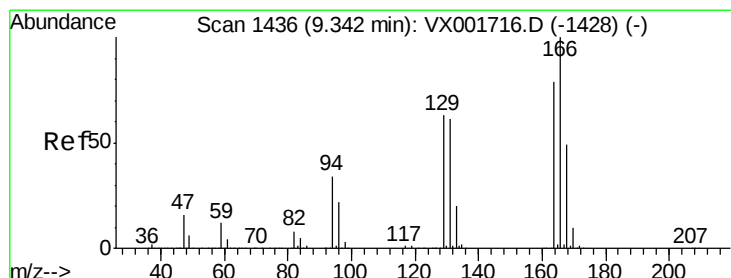
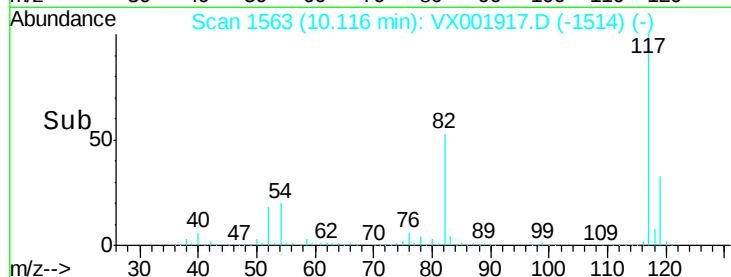
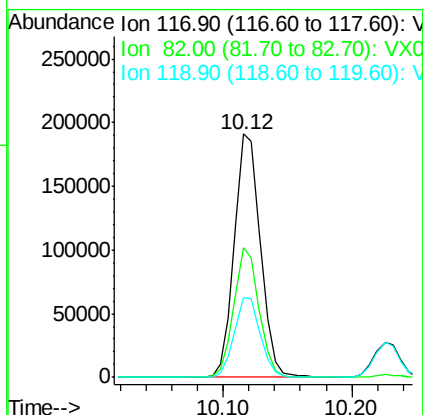
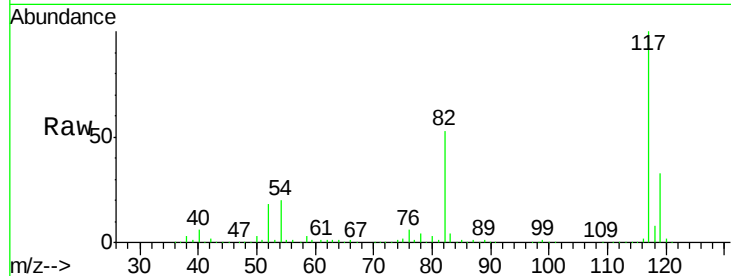
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	41.4	62.2
119	32.8	25.6	38.4

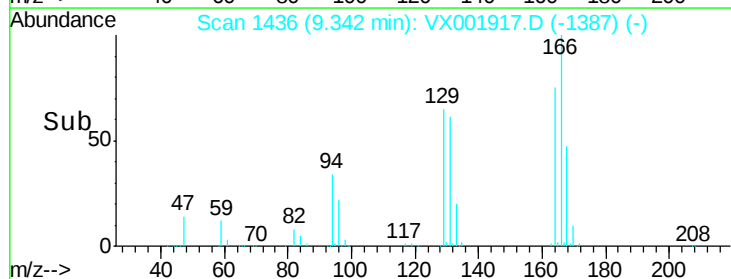
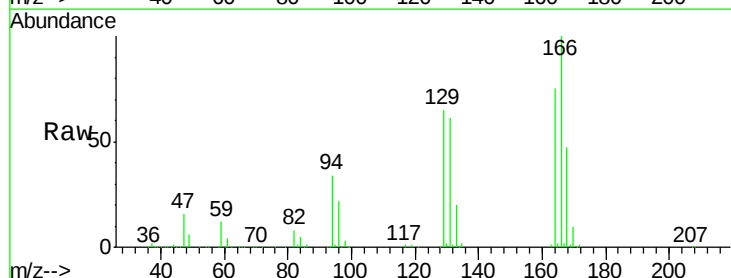
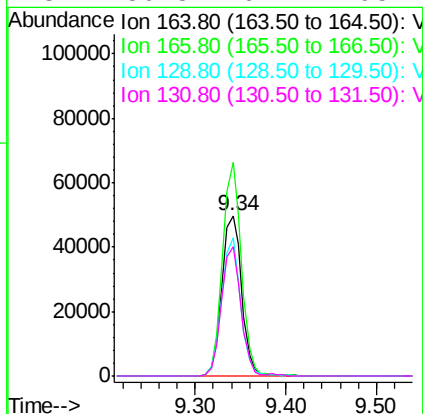
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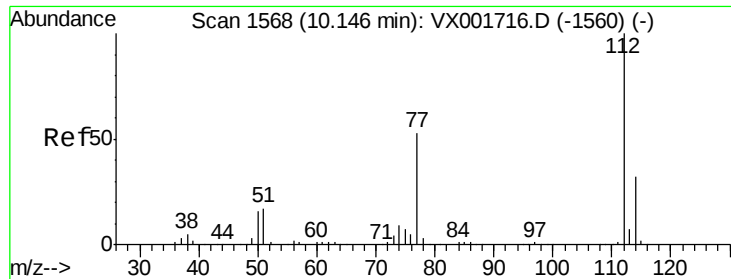
MMDadoda
5/24/2018 11:47:49 AM



#64
Tetrachloroethene
Concen: 21.51 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.4	101.8	152.8
129	86.1	63.8	95.6
131	80.8	62.2	93.2





#65

Chlorobenzene

Concen: 20.90 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBSD02

Tot Ion:112 Resp: 156083

Ion Ratio Lower Upper

112 100

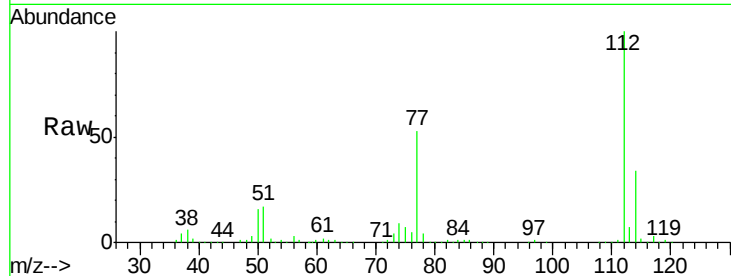
114 33.7 25.6 38.4

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.15

120000

100000

80000

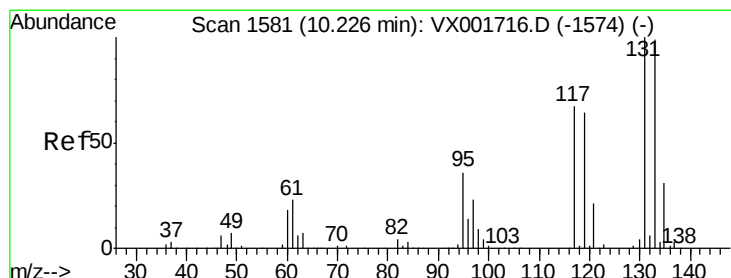
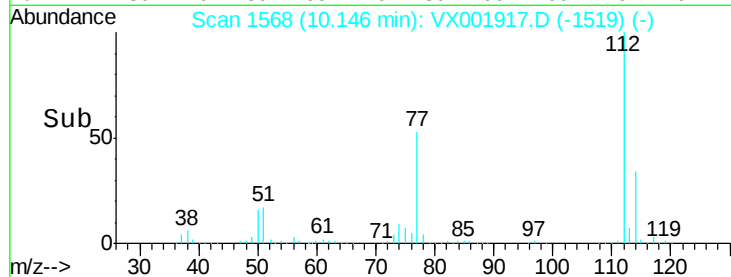
60000

40000

20000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 22.08 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

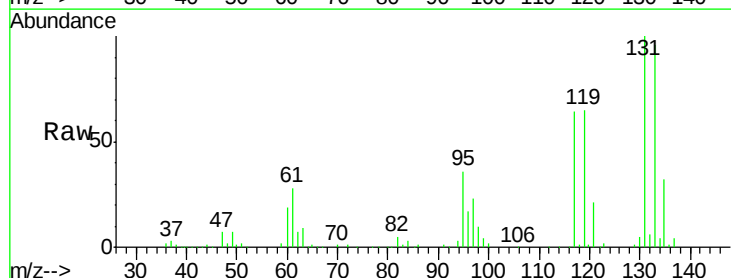
Tgt Ion:131 Resp: 58227

Ion Ratio Lower Upper

131 100

133 96.1 48.5 145.6

119 63.8 31.9 95.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

50000

40000

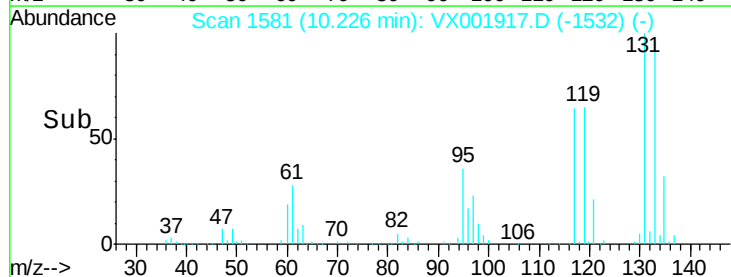
30000

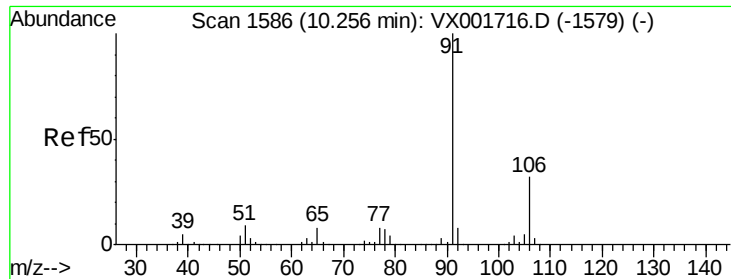
20000

10000

0

Time-->





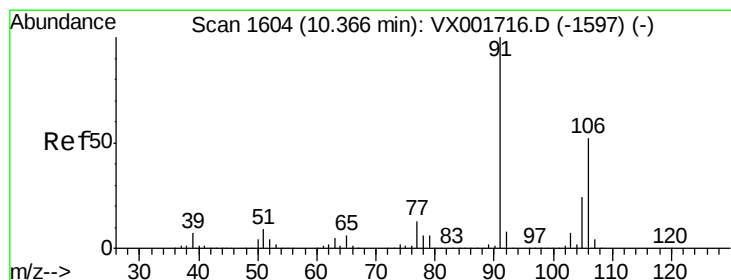
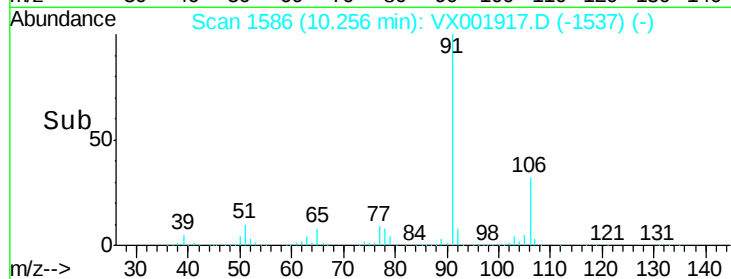
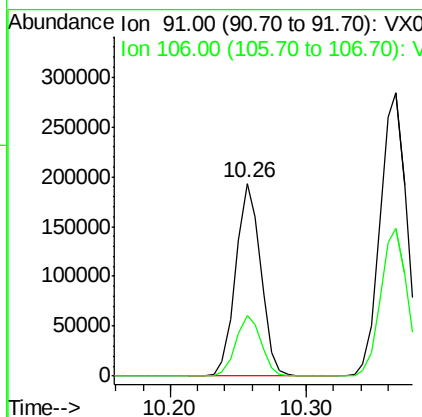
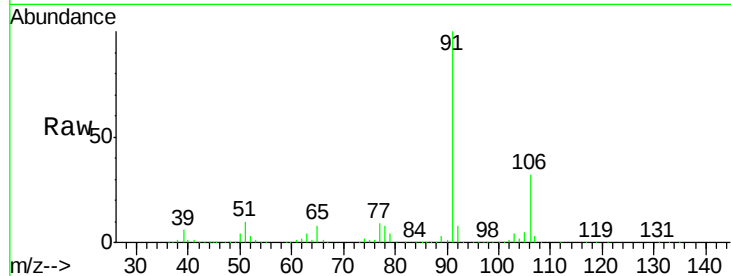
#67
Ethyl Benzene
Concen: 20.79 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBSD02

Tot Ion: 91 Resp: 248149
Ion Ratio Lower Upper
91 100
106 31.6 25.7 38.5

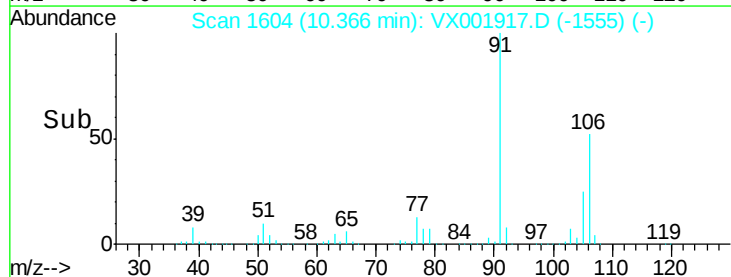
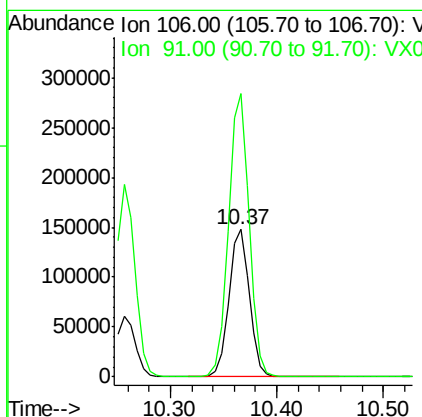
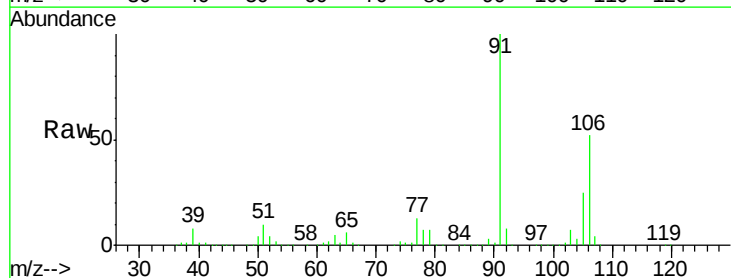
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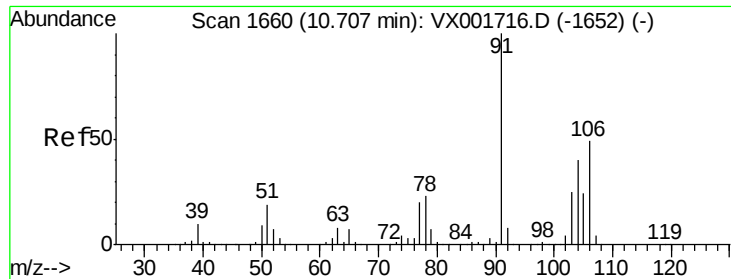
MMDadoda
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#68
m/p-Xylenes
Concen: 42.28 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Tgt Ion: 106 Resp: 199081
Ion Ratio Lower Upper
106 100
91 193.8 155.4 233.2





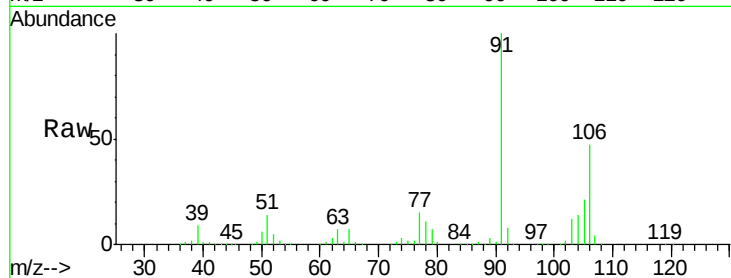
#69
o-Xylene
Concen: 21.00 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBSD02

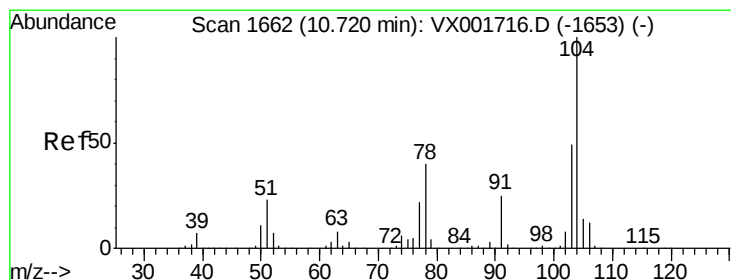
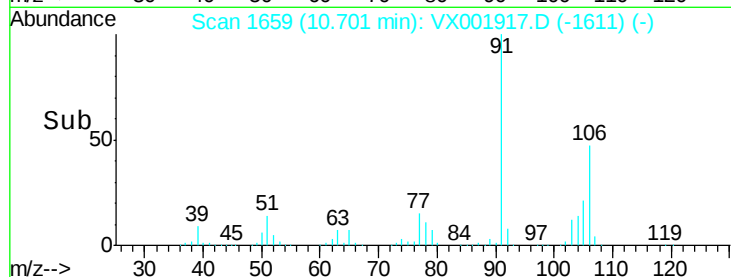
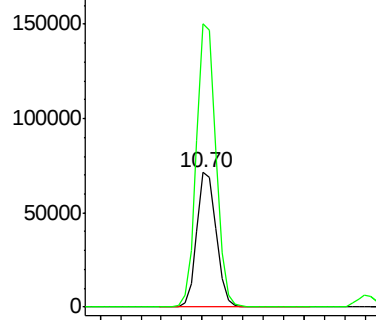
Tot Ion:106 Resp: 94685
Ion Ratio Lower Upper
106 100
91 211.3 103.4 310.2

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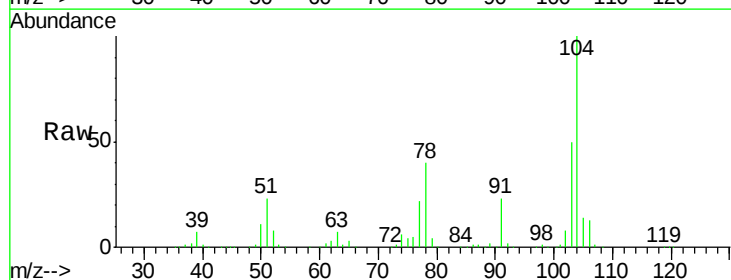


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

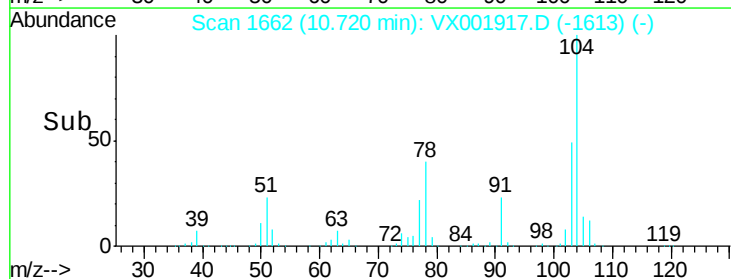
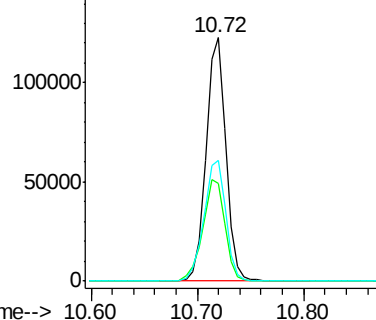


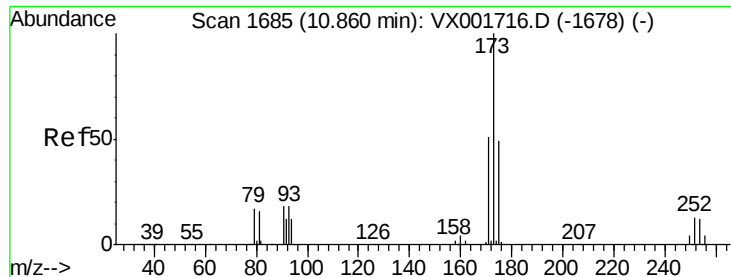
#70
Styrene
Concen: 21.61 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Tgt Ion:104 Resp: 160701
Ion Ratio Lower Upper
104 100
78 47.0 37.3 55.9
103 55.2 43.7 65.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 21.04 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBSD02

Tot Ion:173 Resp: 47220

Ion Ratio Lower Upper

173 100

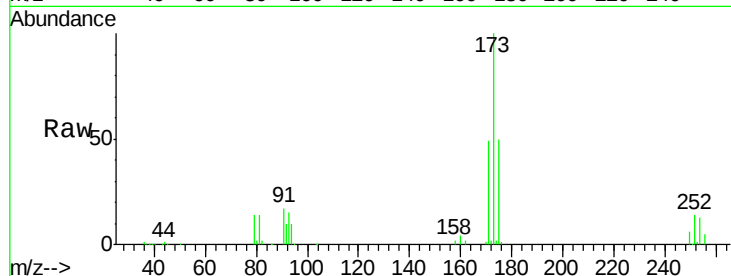
175 48.7 24.3 72.8

254 0.0 0.2 0.2#

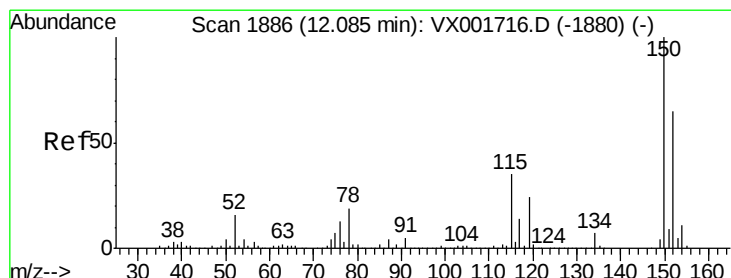
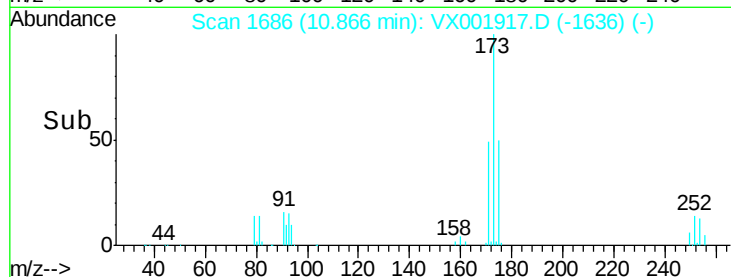
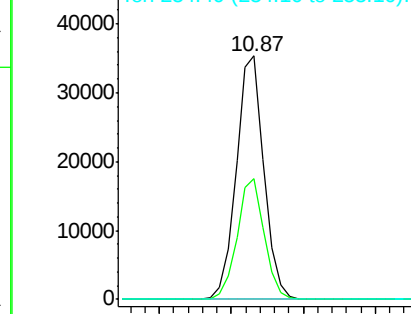
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

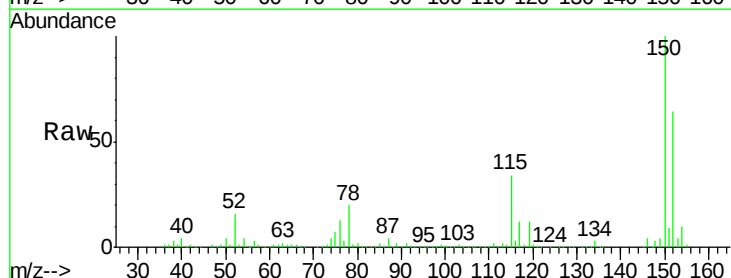
Tgt Ion:152 Resp: 182645

Ion Ratio Lower Upper

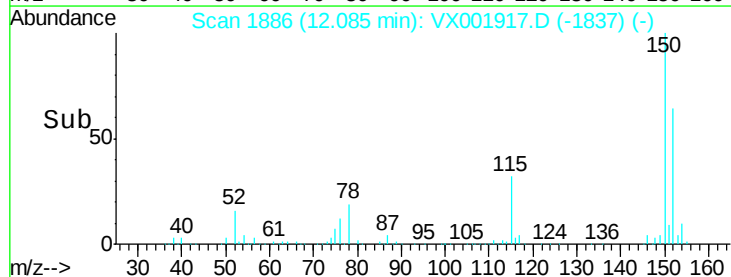
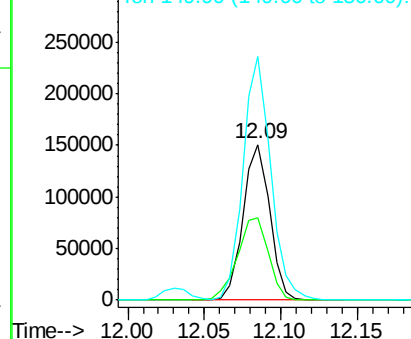
152 100

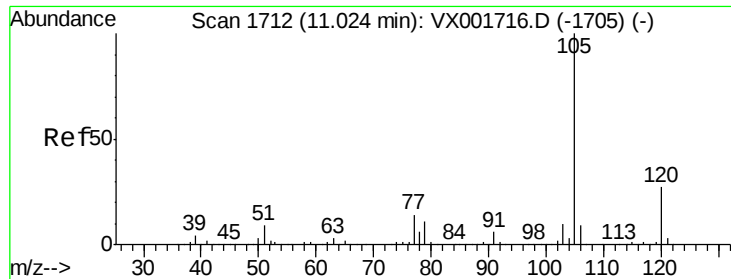
115 61.6 37.4 112.2

150 162.4 0.0 344.8



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: 21.72 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBSD02

Tot Ion: 105 Resp: 261295

Ion Ratio Lower Upper

105 100

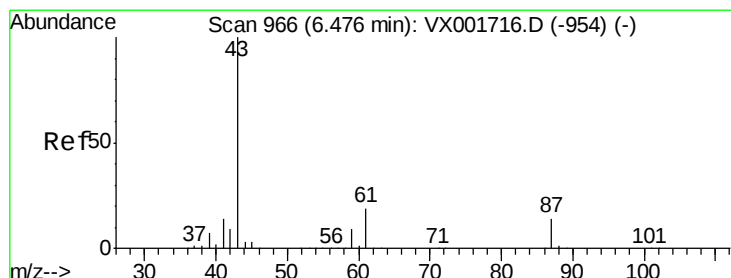
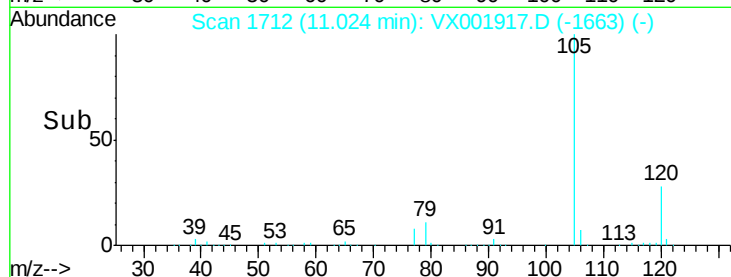
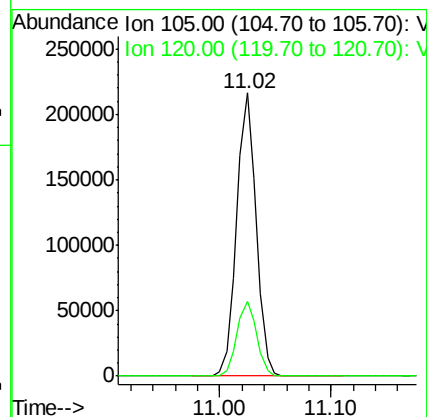
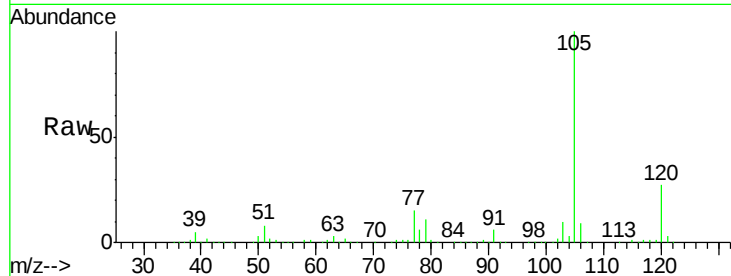
120 27.0 13.8 41.3

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#74

N-ethyl acetate

Concen: 24.57 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Tgt Ion: 43 Resp: 141704

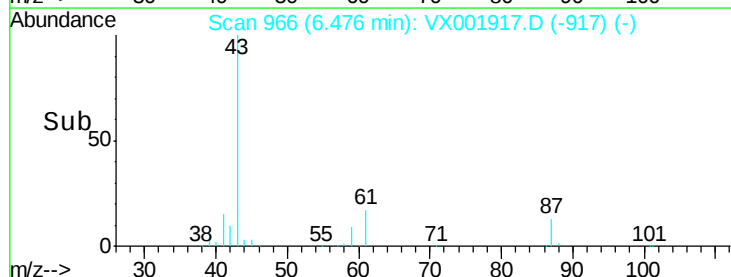
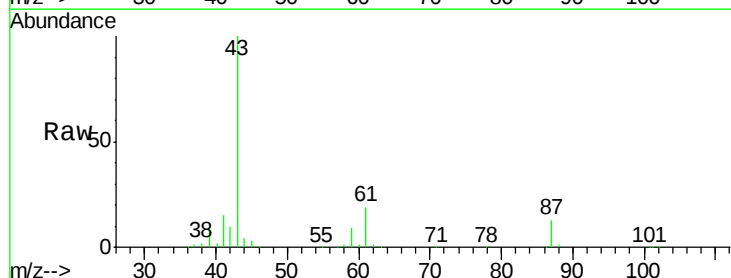
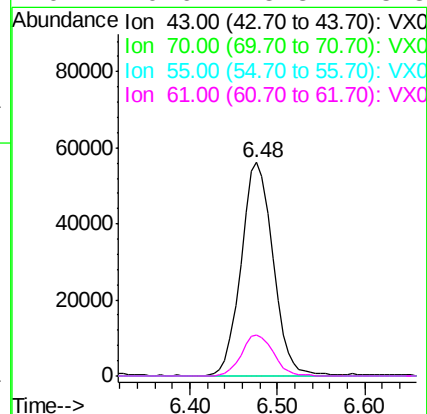
Ion Ratio Lower Upper

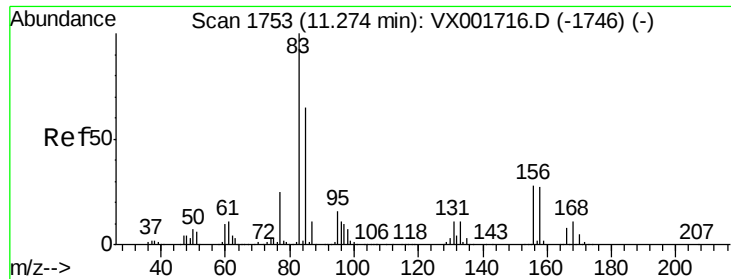
43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 19.6 15.8 23.8





#75

1,1,2,2-Tetrachloroethane

Concen: 23.61 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

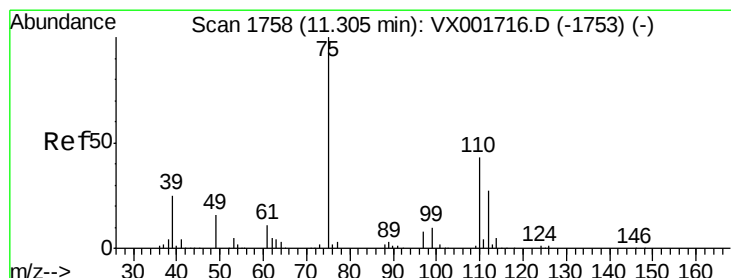
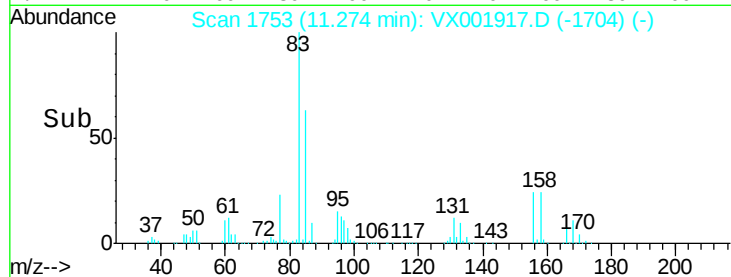
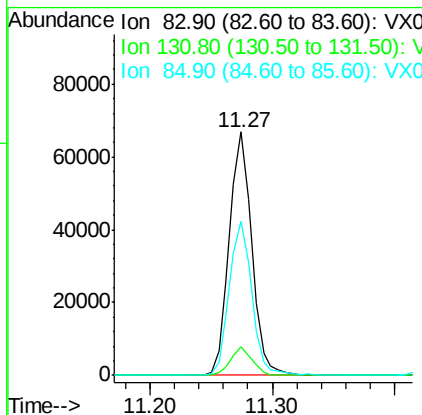
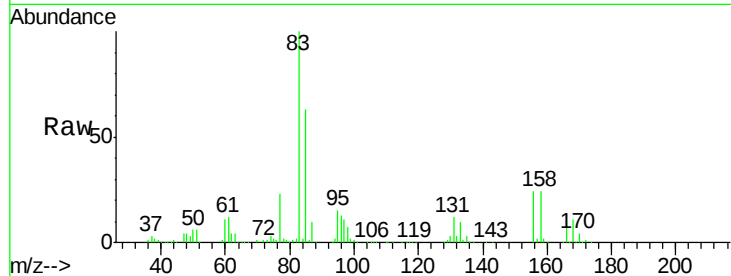
ClientSampleId :

VX0522WBSD02

Tot Ion:	83	Resp:	85206
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.7	17.0
85	63.4	32.7	98.1

Manual Integrations
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5/24/2018 11:47:49 AM



#76

1,2,3-Trichloropropane

Concen: 23.40 ug/l m

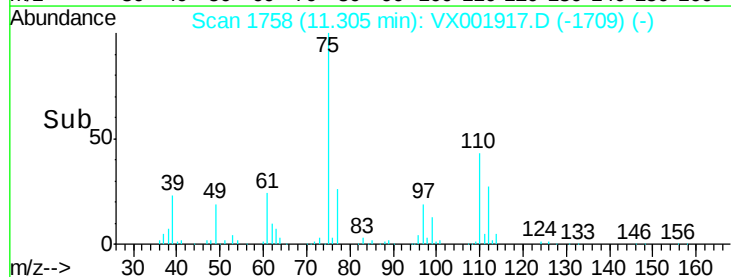
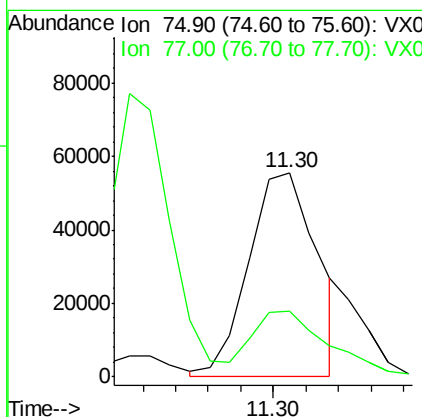
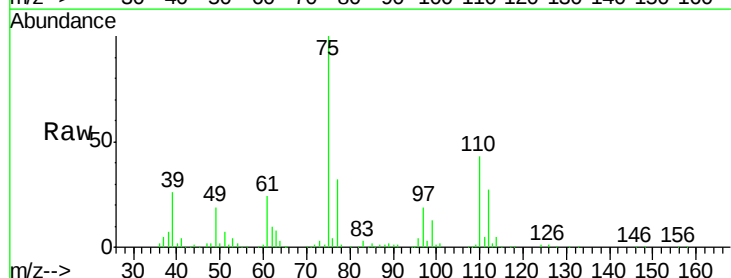
RT: 11.30 min Scan# 1758

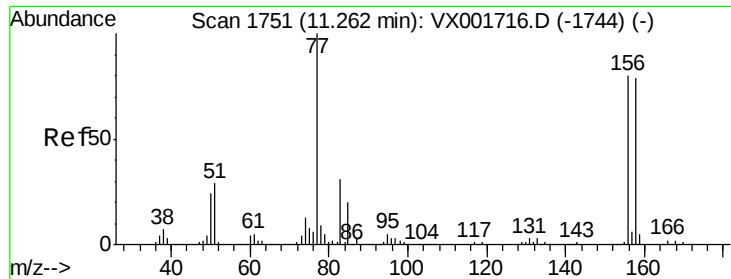
Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Tgt Ion:	75	Resp:	81263
Ion Ratio	Lower	Upper	
75	100		
77	36.0	18.9	56.7





#77

Bromobenzene

Concen: 21.71 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

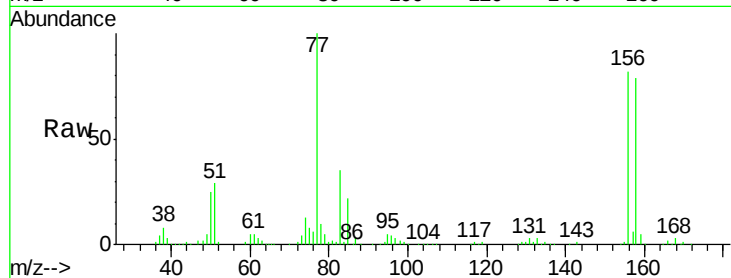
ClientSampleId :

VX0522WBSD02

Tot Ion	Ratio	Lower	Upper
156	100		
77	132.7	65.3	196.0
158	97.7	49.1	147.3

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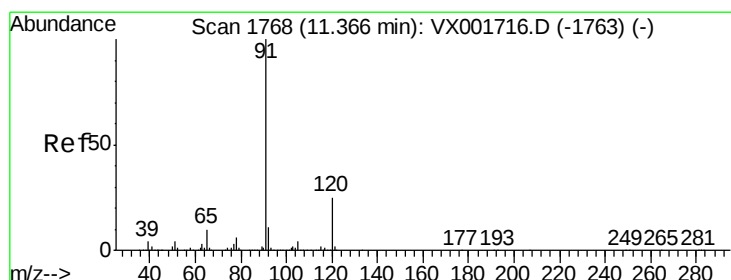
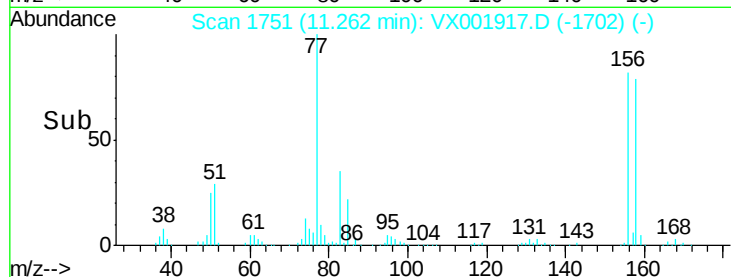
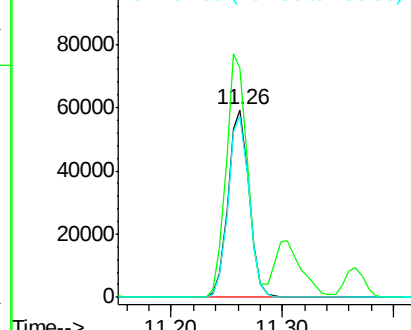


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.30 ug/l

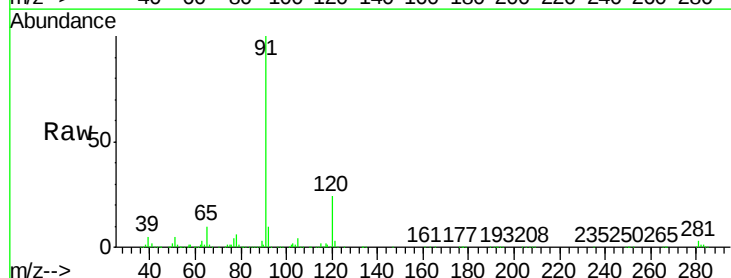
RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

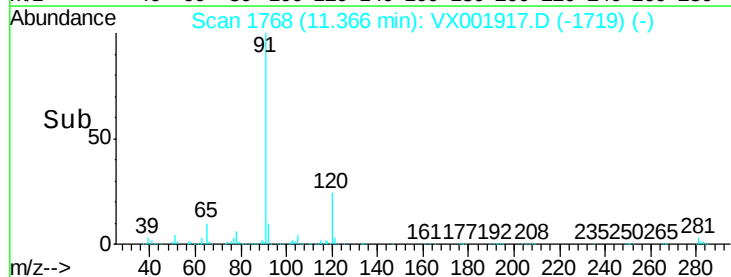
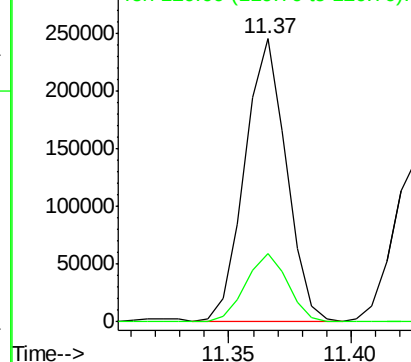
Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.7	12.5	37.5

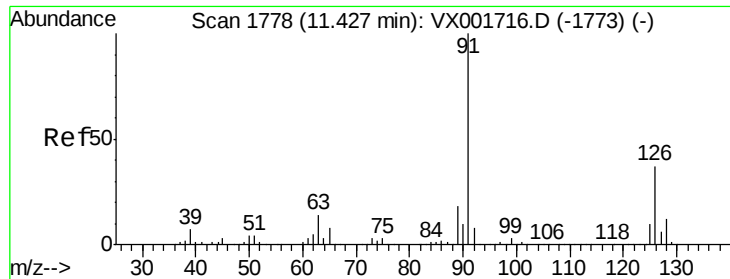


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





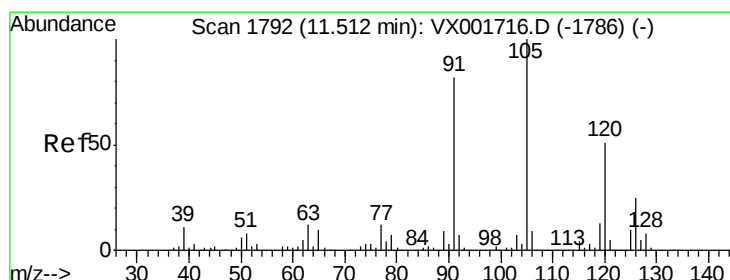
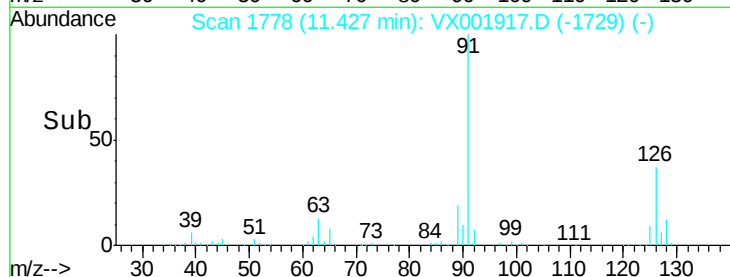
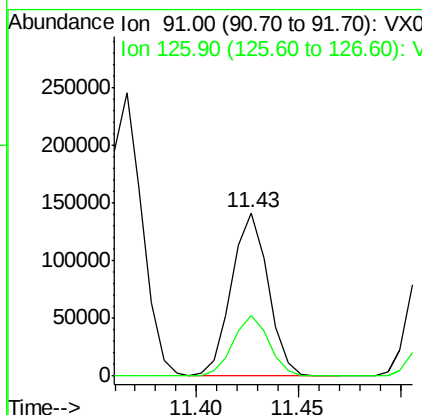
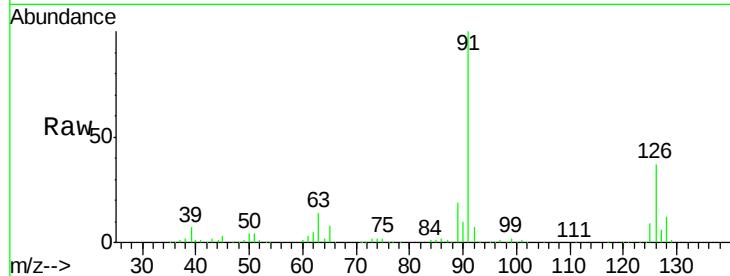
#79
 2-Chlorotoluene
 Concen: 21.68 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX001917.D
 Acq: 23 May 2018 02:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBSD02

Tot Ion: 91 Resp: 175680
 Ion Ratio Lower Upper
 91 100
 126 36.8 18.4 55.4

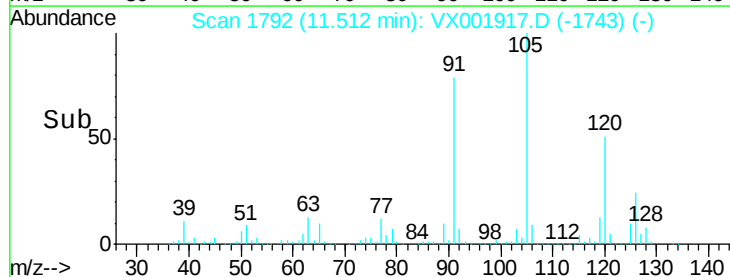
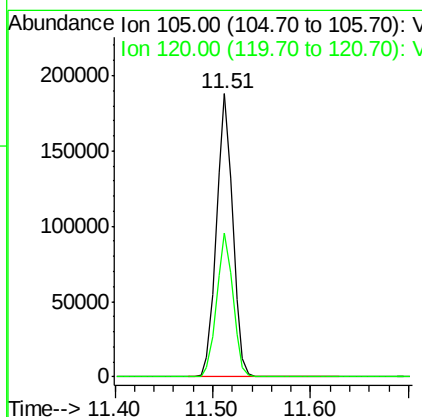
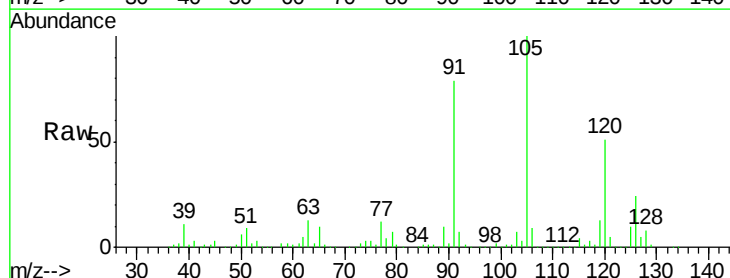
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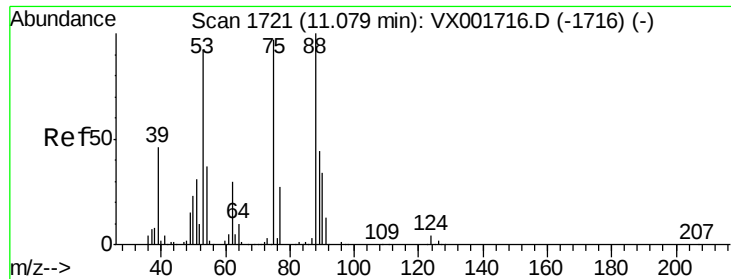
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#80
 1,3,5-Trimethylbenzene
 Concen: 22.00 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX001917.D
 Acq: 23 May 2018 02:19

Tgt Ion: 105 Resp: 217050
 Ion Ratio Lower Upper
 105 100
 120 51.1 25.7 77.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.23 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

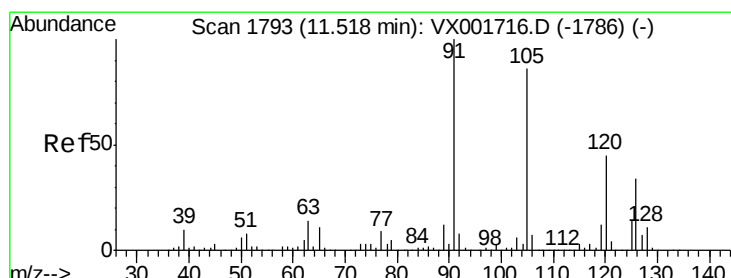
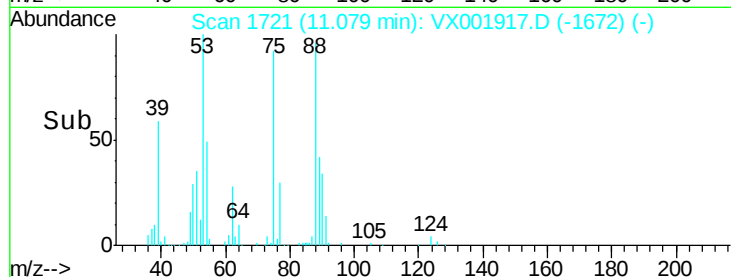
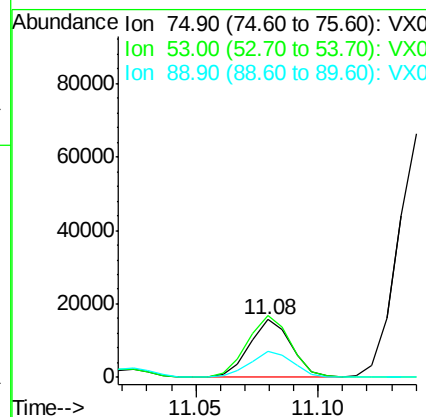
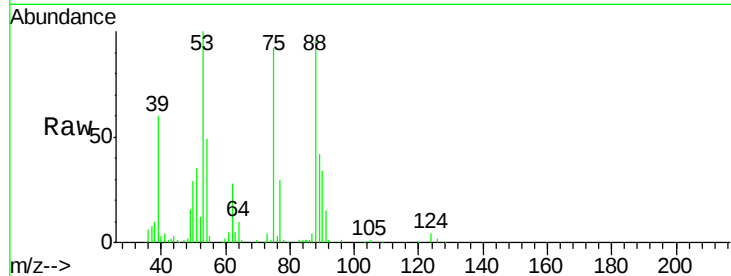
ClientSampleId :

VX0522WBSD02

Tot Ion:	75	Resp:	18621
Ion Ratio	Lower	Upper	
75	100		
53	111.3	79.4	119.2
89	47.1	38.8	58.2

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#82

4-Chlorotoluene

Concen: 21.31 ug/l

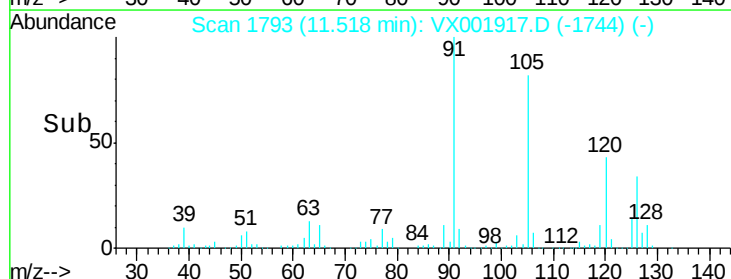
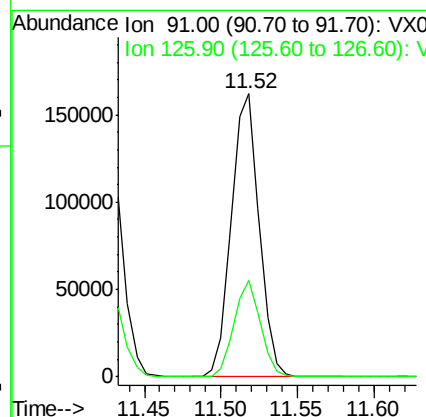
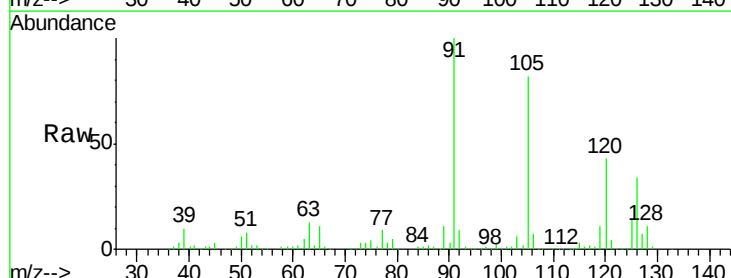
RT: 11.52 min Scan# 1793

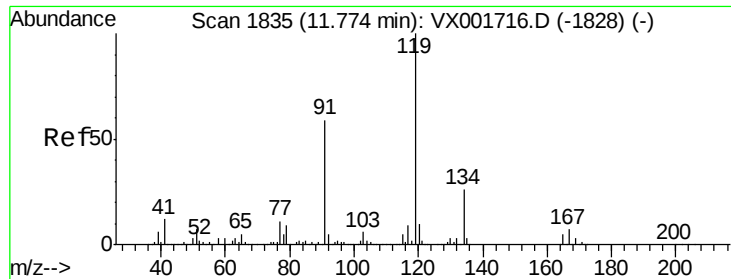
Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Tgt Ion:	91	Resp:	203495
Ion Ratio	Lower	Upper	
91	100		
126	32.6	16.4	49.1





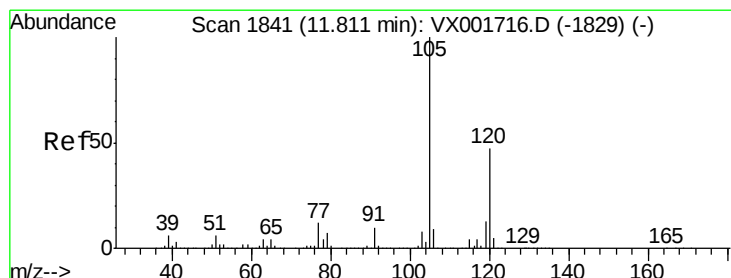
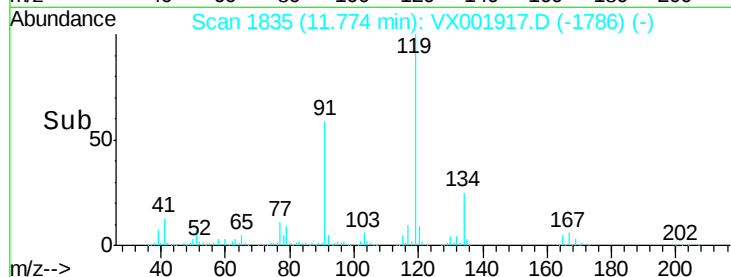
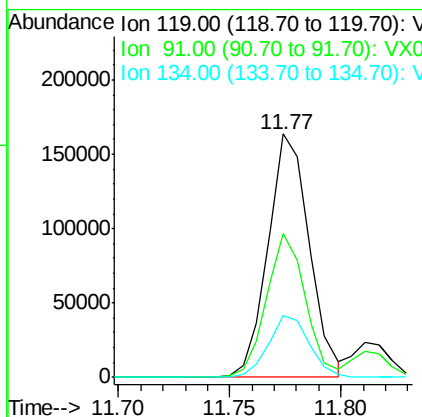
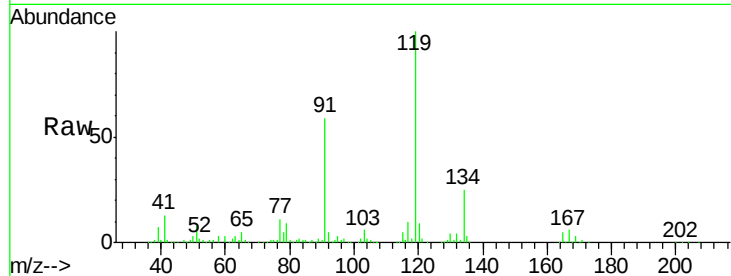
#83
 tert-Butylbenzene
 Concen: 21.46 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX001917.D
 Acq: 23 May 2018 02:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBSD02

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.9	27.7	83.0
134	25.1	12.7	38.1

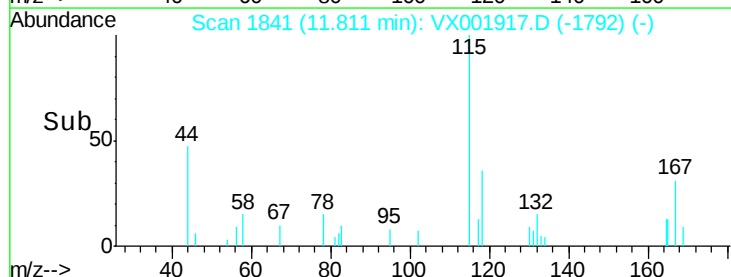
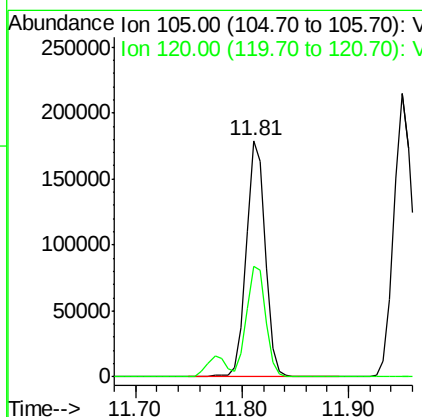
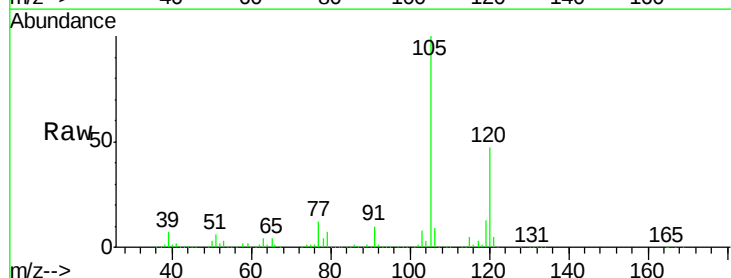
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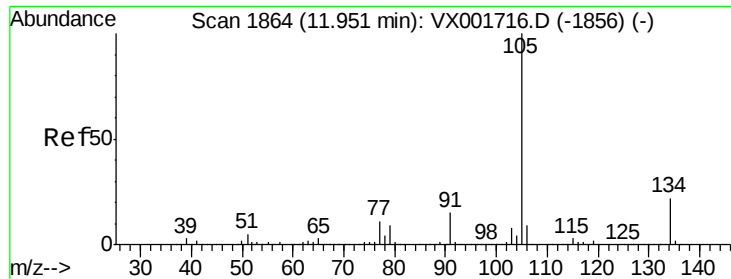
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.91 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX001917.D
 Acq: 23 May 2018 02:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.2	23.5	70.5





#85

sec-Butylbenzene

Concen: 21.50 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

ClientSampleId :

VX0522WBSD02

Tot Ion:105 Resp: 260668

Ion Ratio Lower Upper

105 100

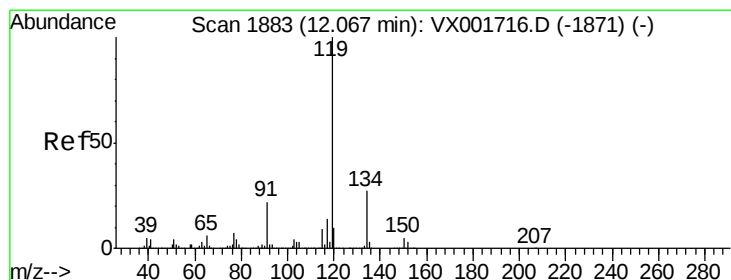
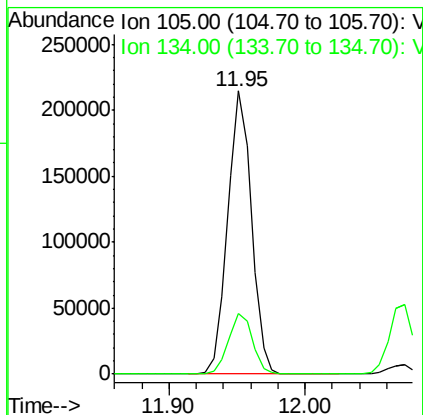
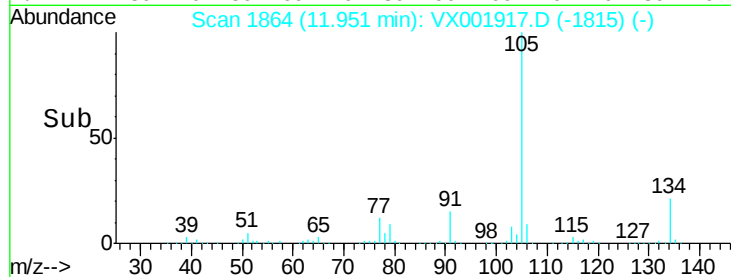
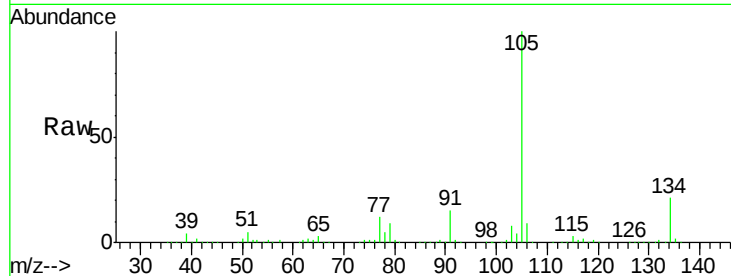
134 21.8 10.9 32.6

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#86

p-Isopropyltoluene

Concen: 21.15 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.01 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

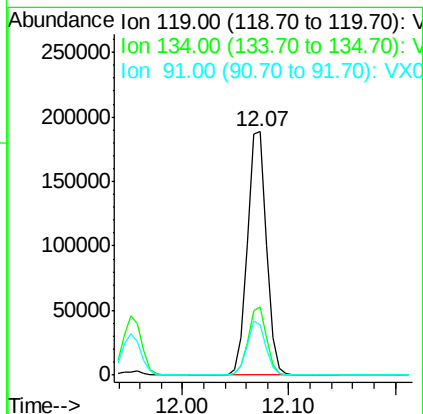
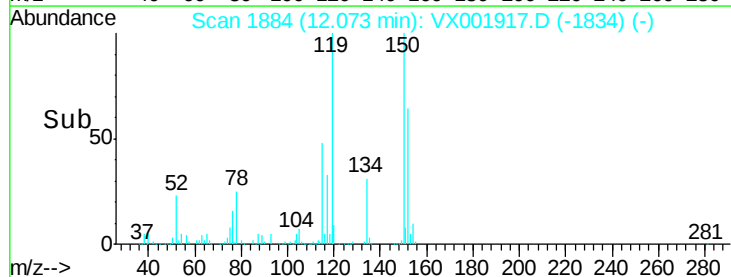
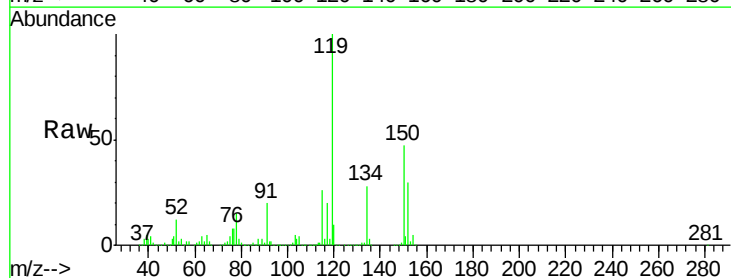
Tgt Ion:119 Resp: 237262

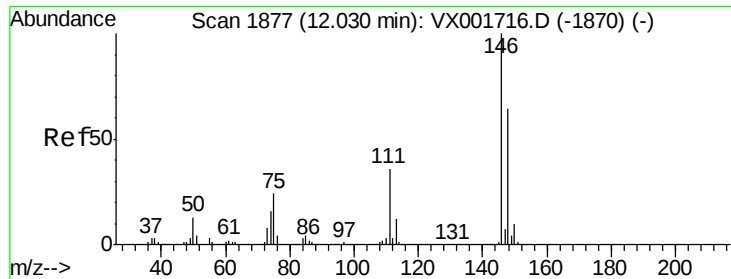
Ion Ratio Lower Upper

119 100

134 27.1 13.6 40.8

91 21.6 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 21.14 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

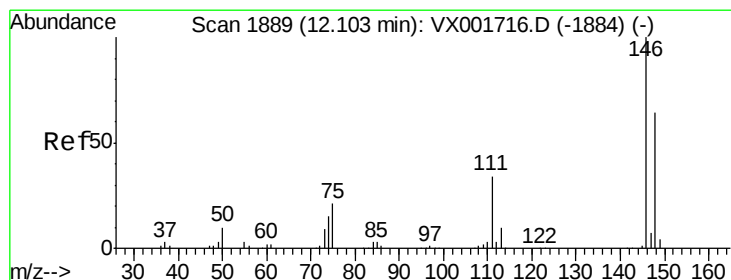
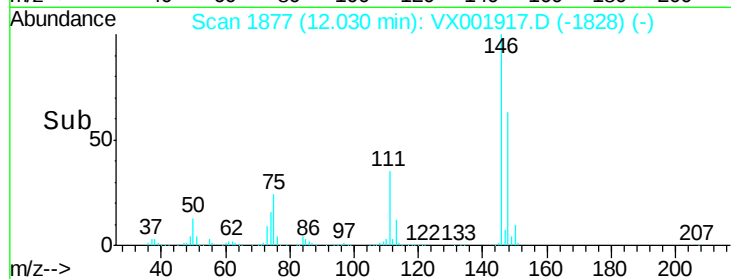
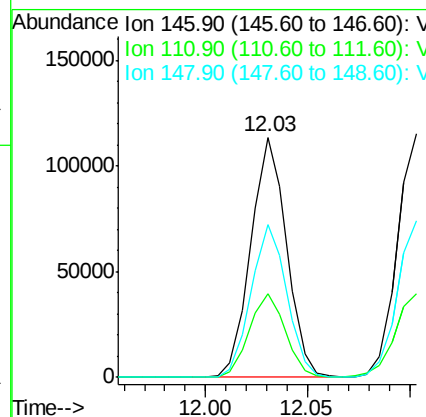
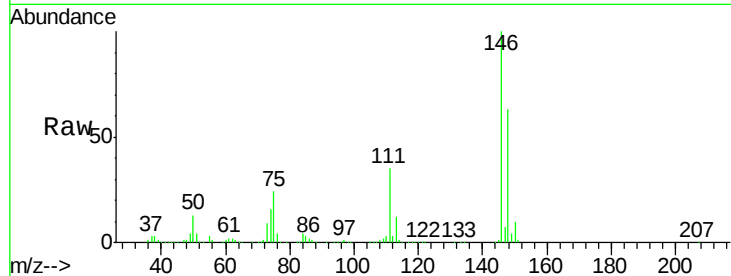
ClientSampleId :

VX0522WBSD02

Tot Ion:	146	Resp:	138189
Ion Ratio	Lower	Upper	
146	100		
111	35.3	17.8	53.4
148	63.6	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 20.91 ug/l

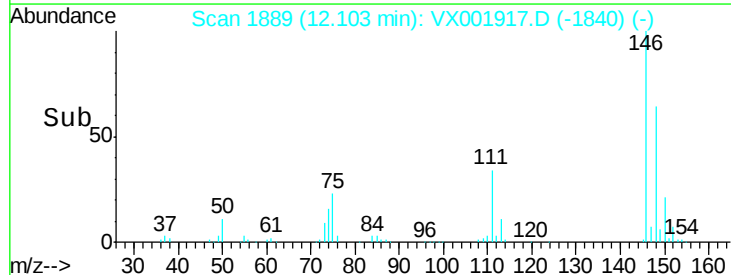
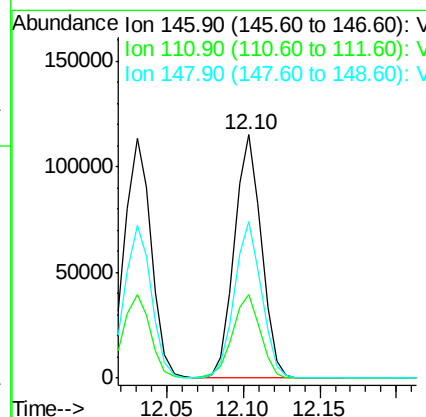
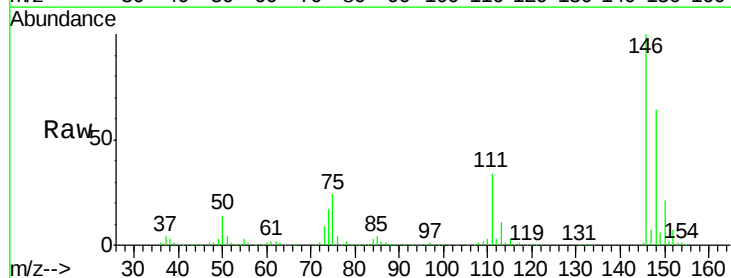
RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Tgt Ion:	146	Resp:	141355
Ion Ratio	Lower	Upper	
146	100		
111	35.4	17.3	52.0
148	64.3	32.3	96.9





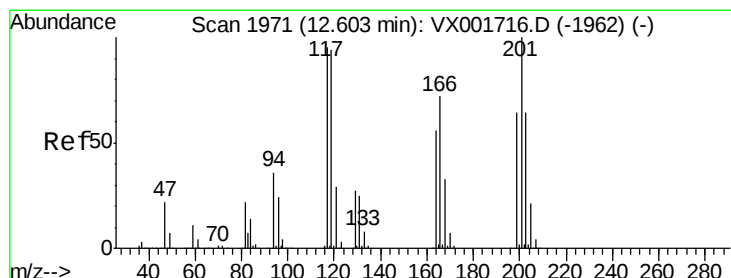
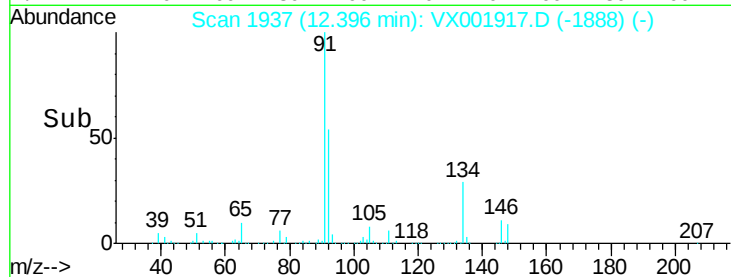
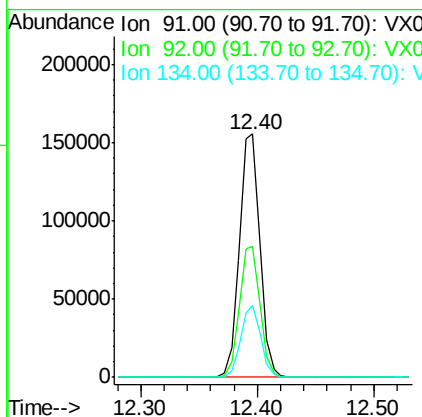
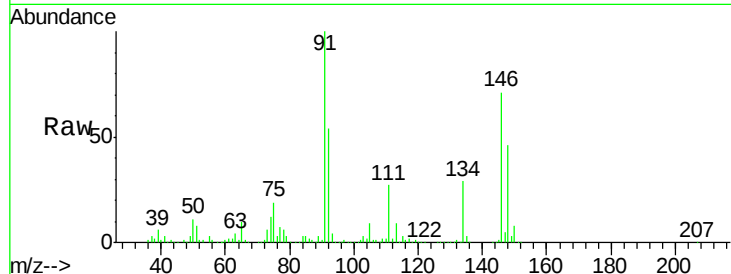
#89
n-Butylbenzene
Concen: 19.68 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	190938		
92	53.9		27.3	81.9
134	28.6		14.7	44.1

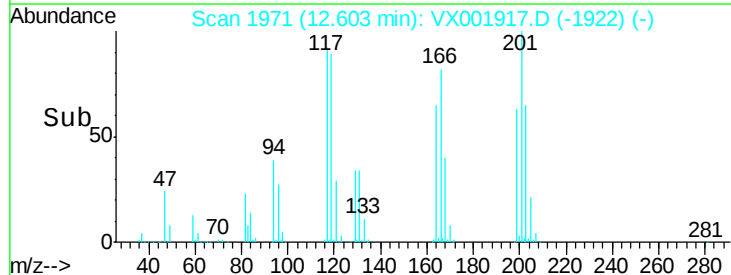
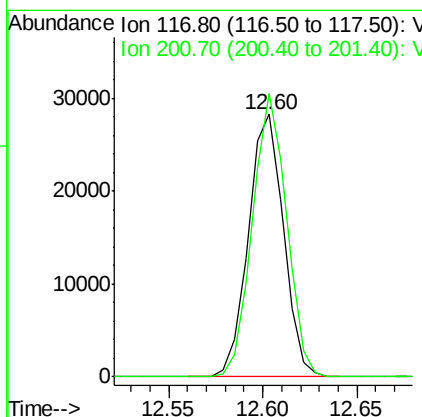
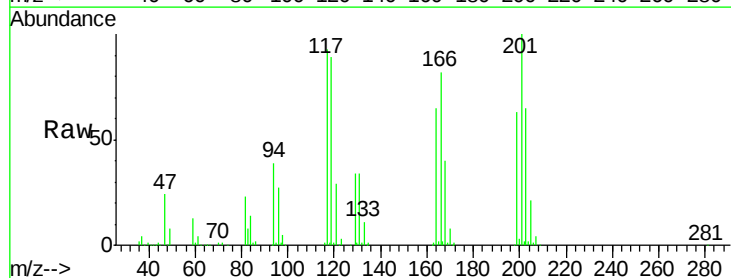
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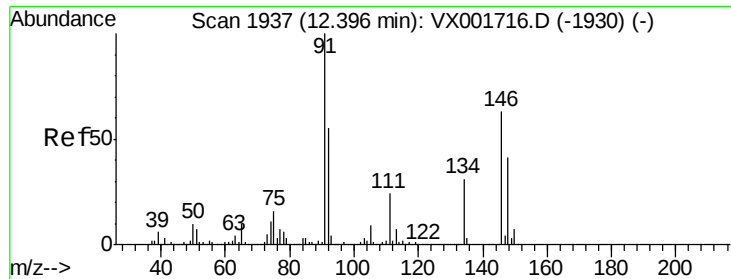
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#90
Hexachloroethane
Concen: 21.03 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	36629		
201	104.4		51.9	155.7





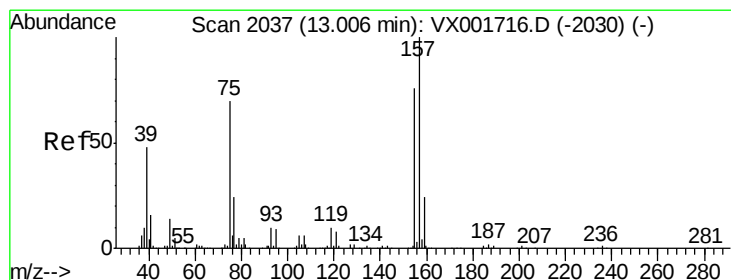
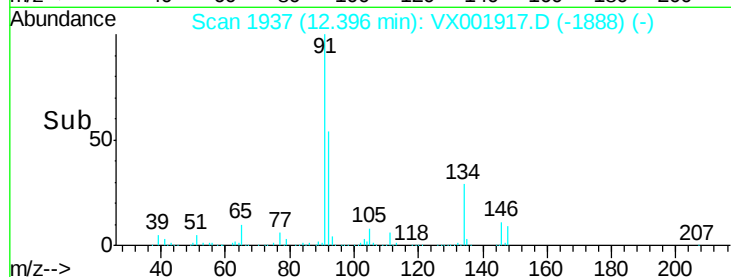
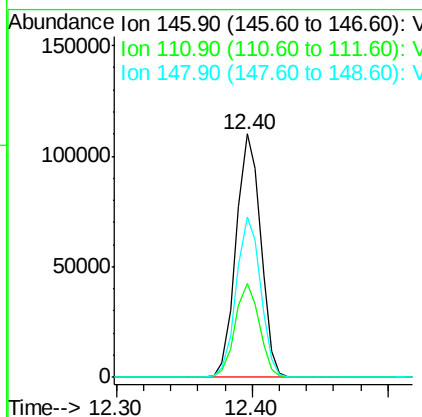
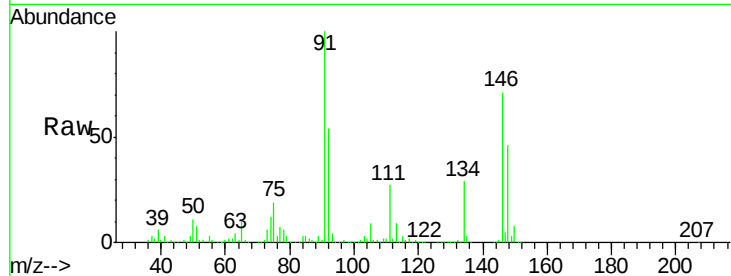
#91
 1,2-Dichlorobenzene
 Concen: 21.35 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001917.D
 Acq: 23 May 2018 02:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0522WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.6	56.0
148	65.2	32.4	97.0

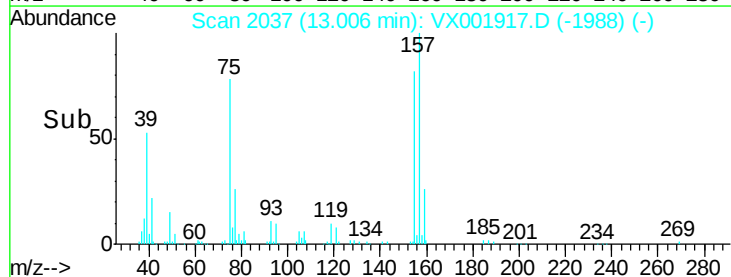
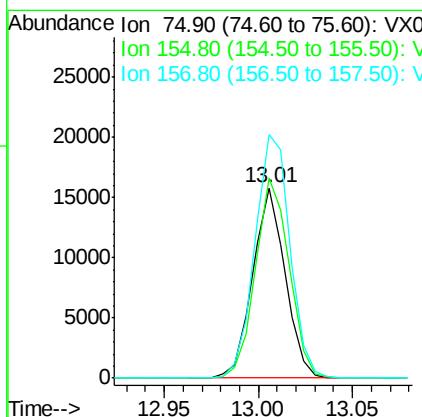
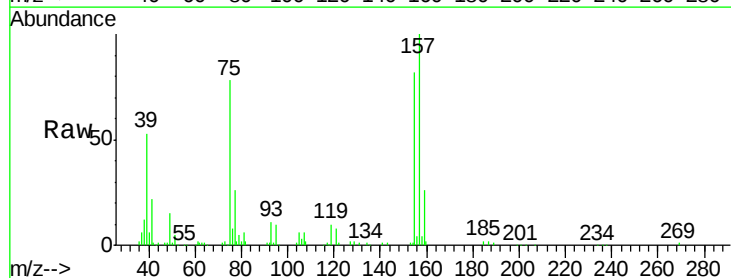
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.49 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001917.D
 Acq: 23 May 2018 02:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	109.0	53.9	161.8
157	138.1	71.0	213.2





#93

1,2,4-Trichlorobenzene

Concen: 20.17 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Instrument :

MSVOA_X

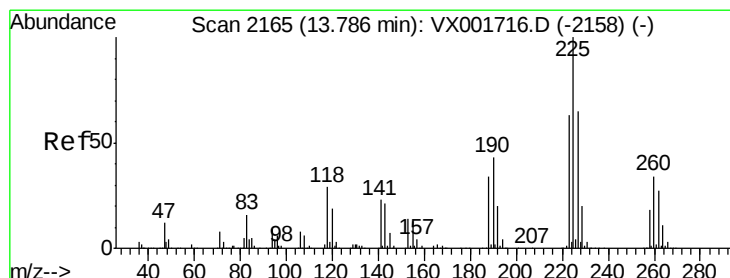
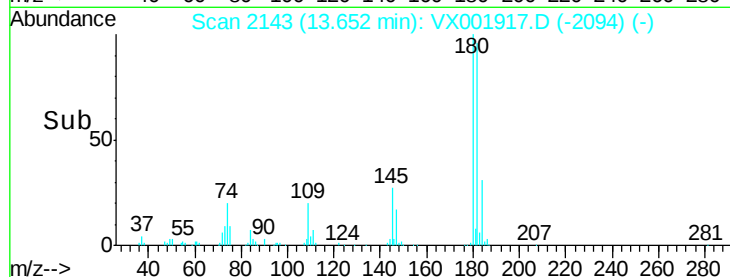
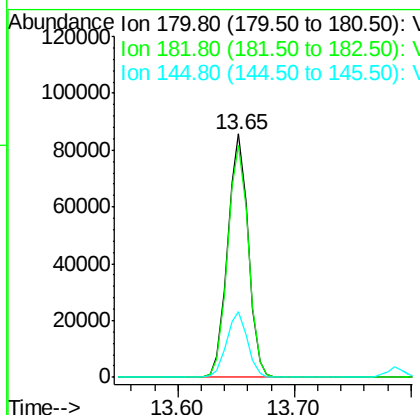
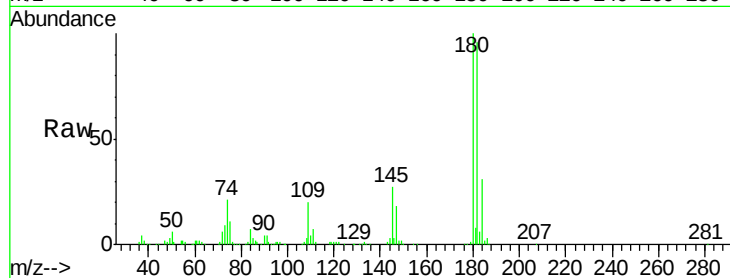
ClientSampleId :

VX0522WBSD02

Tot Ion:	180	Resp:	104712
Ion Ratio	Lower	Upper	
180	100		
182	96.7	47.6	142.9
145	27.1	13.4	40.1

Manual Integrations
APPROVED

MMDadoda
5/24/2018 11:47:49 AM



#94

Hexachlorobutadiene

Concen: 19.94 ug/l

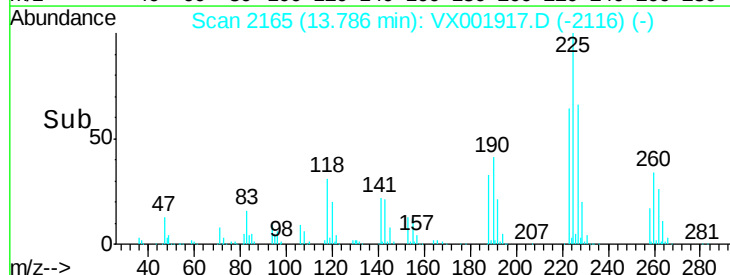
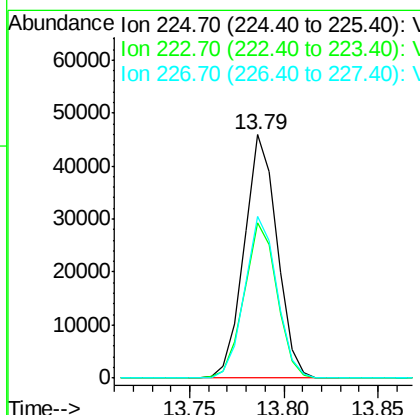
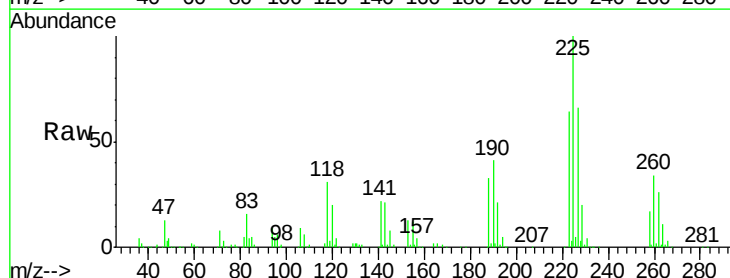
RT: 13.79 min Scan# 2165

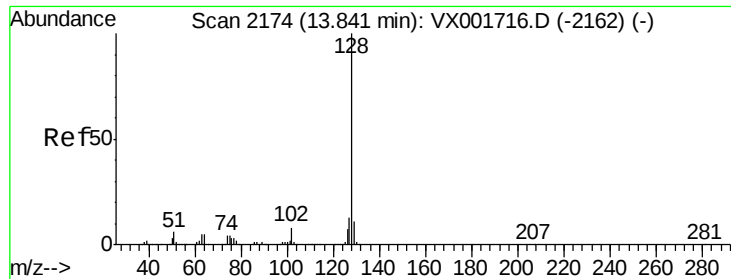
Delta R.T. -0.00 min

Lab File: VX001917.D

Acq: 23 May 2018 02:19

Tgt Ion:	225	Resp:	55560
Ion Ratio	Lower	Upper	
225	100		
223	63.6	31.1	93.5
227	65.2	31.9	95.5





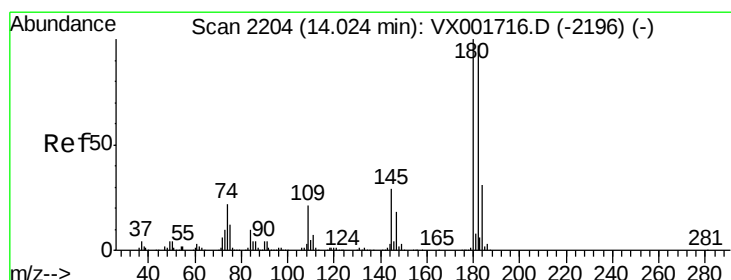
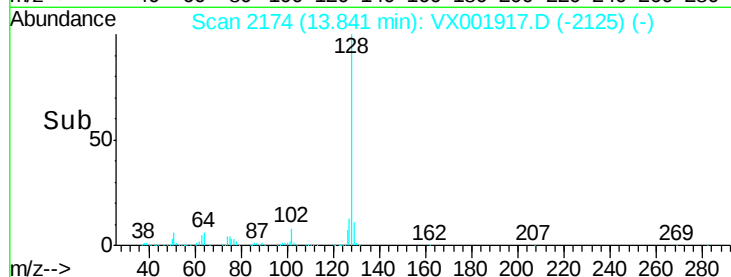
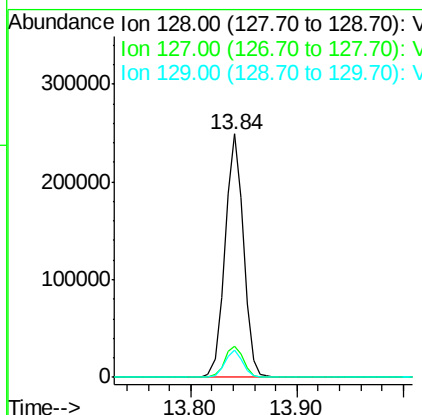
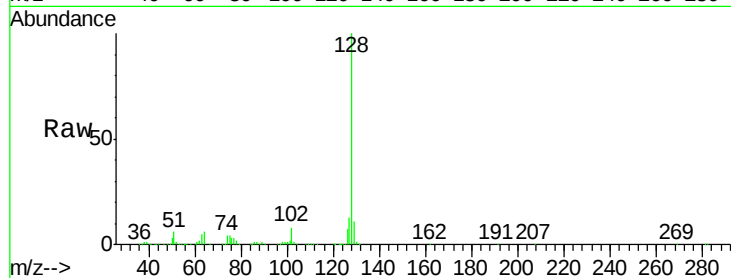
#95
Naphthalene
Concen: 22.30 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Instrument :
MSVOA_X
ClientSampleId :
VX0522WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
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#96
1,2,3-Trichlorobenzene
Concen: 21.03 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX001917.D
Acq: 23 May 2018 02:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	47.9	143.7
145	28.4	14.2	42.8

