

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062218\
 Data File : VX002853.D
 Acq On : 23 Jun 2018 01:17
 Operator : JC/MD
 Sample : J3631-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S83-0020MSD

Manual Integrations
 APPROVED

MMDadoda
 6/25/2018 6:56:09 PM

Quant Time: Jun 23 01:56:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	237179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	332370	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	316051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	200079	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	153611	42.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.24%	
35) Dibromofluoromethane	5.51	113	124984	47.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.24%	
50) Toluene-d8	8.72	98	431445	42.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.68%	
62) 4-Bromofluorobenzene	11.14	95	176493	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	115632	45.92	ug/l	100
3) Chloromethane	1.32	50	123145	41.11	ug/l	98
4) Vinyl Chloride	1.40	62	137428	44.22	ug/l	92
5) Bromomethane	1.64	94	90416	48.21	ug/l	99
6) Chloroethane	1.72	64	90948	44.40	ug/l	100
7) Trichlorofluoromethane	1.93	101	241223	47.77	ug/l	98
8) Diethyl Ether	2.19	74	87960	45.80	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	132381	46.90	ug/l	99
10) Methyl Iodide	2.51	142	145152	39.34	ug/l	99
11) Tert butyl alcohol	3.08	59	156720	210.34	ug/l	99
12) 1,1-Dichloroethene	2.37	96	122329	46.16	ug/l	96
13) Acrolein	2.30	56	58594	170.00	ug/l	100
14) Allyl chloride	2.73	41	237417	45.12	ug/l	99
15) Acrylonitrile	3.15	53	377184	231.98	ug/l	99
16) Acetone	2.45	43	355117	223.32	ug/l	100
17) Carbon Disulfide	2.57	76	325059	51.72	ug/l	98
18) Methyl Acetate	2.78	43	199280	47.04	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	456014	45.87	ug/l	99
20) Methylene Chloride	2.86	84	139910	42.91	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	132557	46.11	ug/l	99
22) Diisopropyl ether	3.87	45	469473	49.31	ug/l	95
23) Vinyl Acetate	3.83	43	1823808	228.89	ug/l	99
24) 1,1-Dichloroethane	3.70	63	248759	48.14	ug/l	98
25) 2-Butanone	4.71	43	527249	252.48	ug/l	97
26) 2,2-Dichloropropane	4.59	77	153927	41.46	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	151172	51.68	ug/l	95
28) Bromochloromethane	5.03	49	114567	47.35	ug/l	95
29) Tetrahydrofuran	5.17	42	342294	250.10	ug/l	96
30) Chloroform	5.22	83	261030	52.39	ug/l	95
31) Cyclohexane	5.58	56	239132	56.21	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	230725	55.37	ug/l	99
36) 1,1-Dichloropropene	5.80	75	188301	53.34	ug/l	99
37) Ethyl Acetate	4.87	43	193569	48.45	ug/l	100
38) Carbon Tetrachloride	5.79	117	206881	58.86	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	227729	55.18	ug/l	99
40) Benzene	6.15	78	558724	52.79	ug/l	100
41) Methacrylonitrile	5.07	41	120344	53.35	ug/l	98
42) 1,2-Dichloroethane	6.20	62	221371	54.02	ug/l	100
43) Isopropyl Acetate	6.47	43	332213	50.19	ug/l	99
44) Trichloroethene	7.21	130	163229	53.43	ug/l	99
45) 1,2-Dichloropropane	7.52	63	145367	52.18	ug/l	100
46) Dibromomethane	7.67	93	103101	55.33	ug/l	98
47) Bromodichloromethane	7.90	83	193169	58.77	ug/l	98
48) Methyl methacrylate	7.78	41	186096	55.01	ug/l	98
49) 1,4-Dioxane	7.76	88	60229	940.18	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1121633	263.89	ug/l	99
52) Toluene	8.79	92	366744	54.32	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	213236	49.06	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	200802	48.49	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	148581	54.46	ug/l	100
56) Ethyl methacrylate	9.18	69	227017	54.07	ug/l	96
57) 1,3-Dichloropropane	9.38	76	244895	53.07	ug/l	100
59) 2-Hexanone	9.50	43	852454	266.16	ug/l	98
60) Dibromochloromethane	9.59	129	159348	51.78	ug/l	100
61) 1,2-Dibromoethane	9.68	107	157357	55.69	ug/l	99
64) Tetrachloroethene	9.34	164	163779	46.68	ug/l	98
65) Chlorobenzene	10.14	112	430094	55.41	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	156982	59.32	ug/l	99
67) Ethyl Benzene	10.26	91	893292	68.23	ug/l	99
68) m/p-Xylenes	10.36	106	575968	114.05	ug/l	99
69) o-Xylene	10.70	106	276122	55.65	ug/l	99
70) Stvrene	10.71	104	443082	54.30	ug/l	99
71) Bromoform	10.86	173	123985	51.32	ug/l	100
73) Isopropylbenzene	11.02	105	754567	56.39	ug/l	100
74) N-amyl acetate	6.47	43	332213	49.97	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	230644	58.37	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	217386m	57.58	ug/l	
77) Bromobenzene	11.26	156	206180	55.31	ug/l	97
78) n-propylbenzene	11.37	91	855629	55.75	ug/l	99
79) 2-Chlorotoluene	11.43	91	500231	54.59	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	622114	55.01	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	49174	42.37	ug/l	96
82) 4-Chlorotoluene	11.51	91	590949	54.66	ug/l	100
83) tert-Butylbenzene	11.77	119	636730	58.45	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	855868	74.17	ug/l	99
85) sec-Butylbenzene	11.95	105	739751	54.61	ug/l	99
86) p-Isopropyltoluene	12.07	119	680950	55.56	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	371539	54.34	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	379276	54.52	ug/l	99
89) n-Butylbenzene	12.39	91	586554	54.25	ug/l	99
90) Hexachloroethane	12.60	117	104840	54.62	ug/l	91
91) 1,2-Dichlorobenzene	12.40	146	377939	54.93	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53461	64.59	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	283055	56.68	ug/l	99

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QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	131652	50.04	ug/l	99
95) Naphthalene	13.84	128	864648	64.34	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	284806	56.78	ug/l	98

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

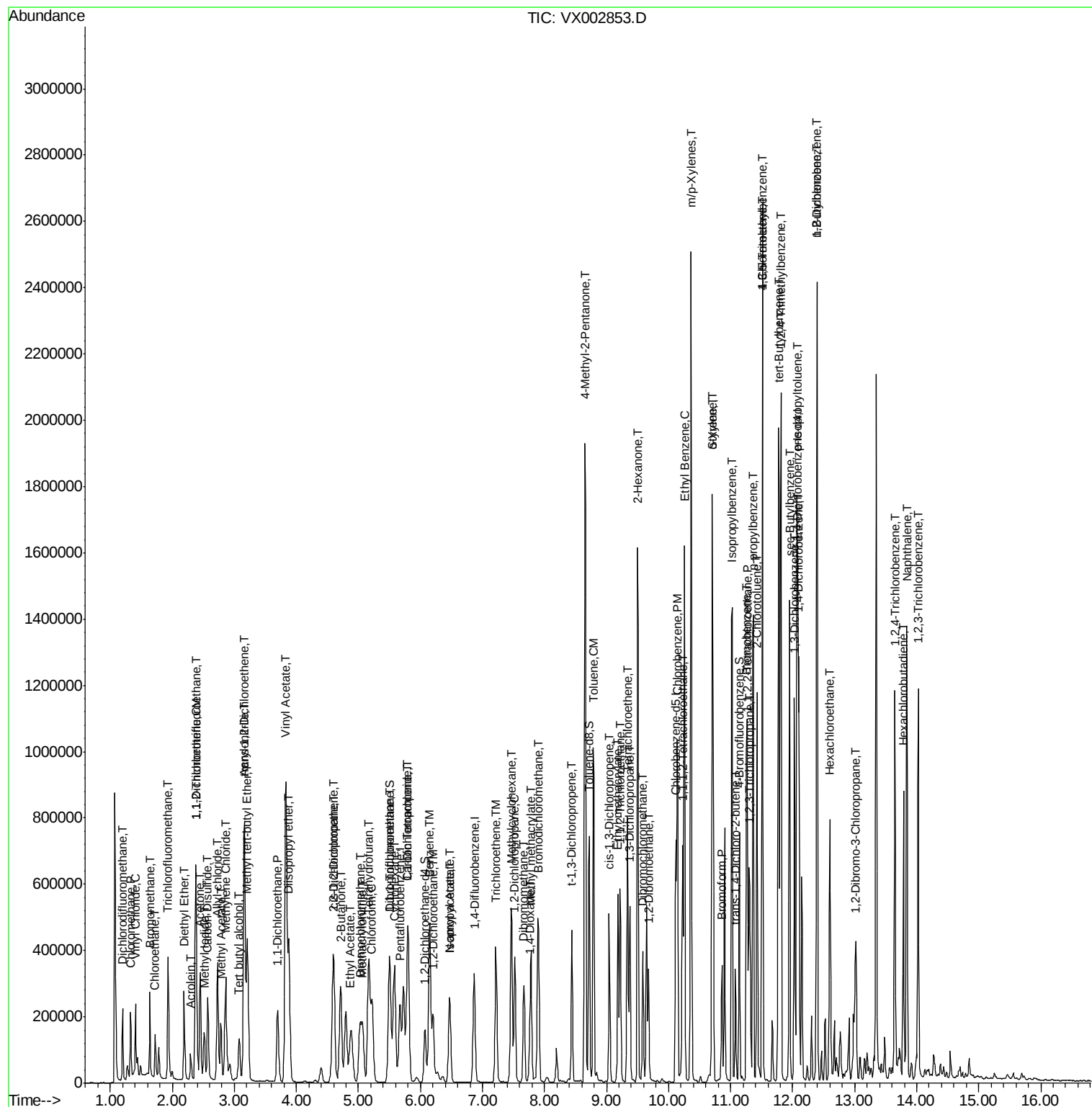
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062218\
 Data File : VX002853.D
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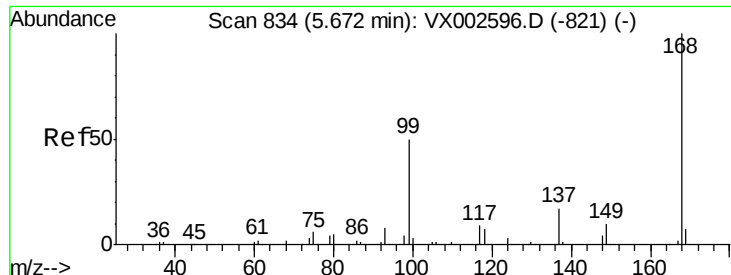
Instrument :
 MSVOA_X
 Client Sample Id :
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

S83-0020MSD

Tot Ion:168 Resp: 237179

Ion Ratio Lower Upper

168 100

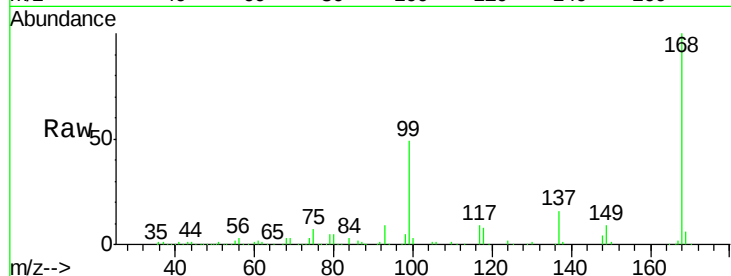
99 49.4 39.3 58.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

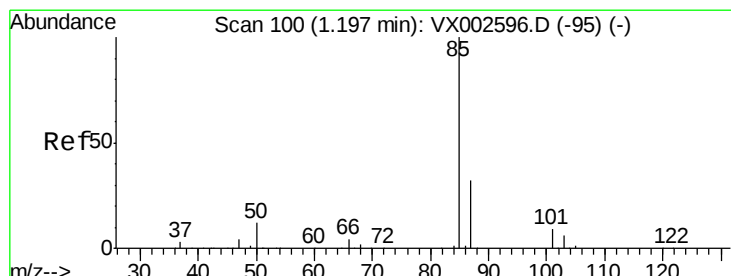
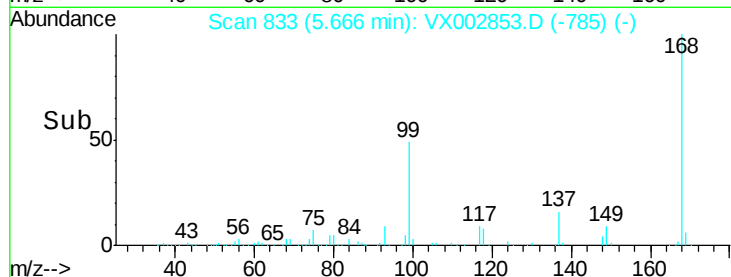
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 45.92 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002853.D

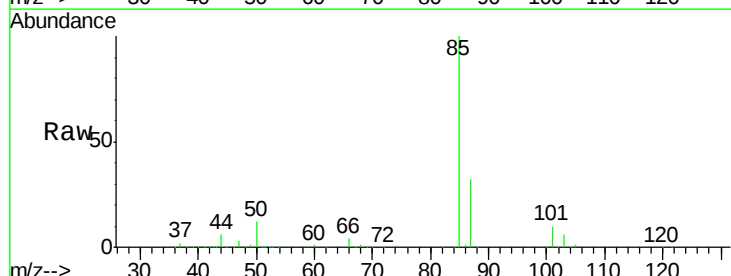
Acq: 23 Jun 2018 01:17

Tgt Ion: 85 Resp: 115632

Ion Ratio Lower Upper

85 100

87 31.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

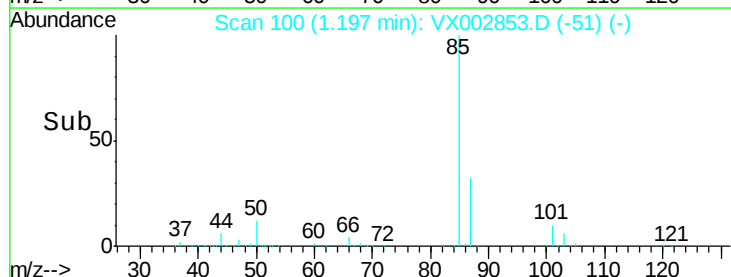
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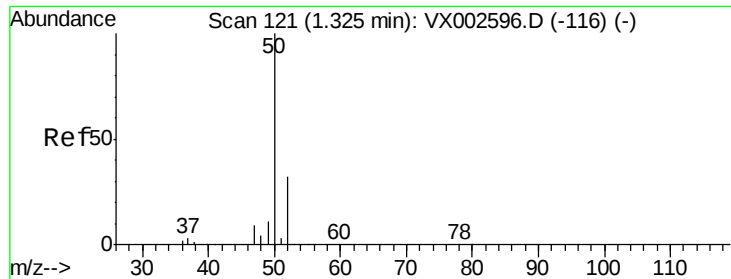
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 41.11 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

S83-0020MSD

Tot Ion: 50 Resp: 123145

Ion Ratio Lower Upper

50 100

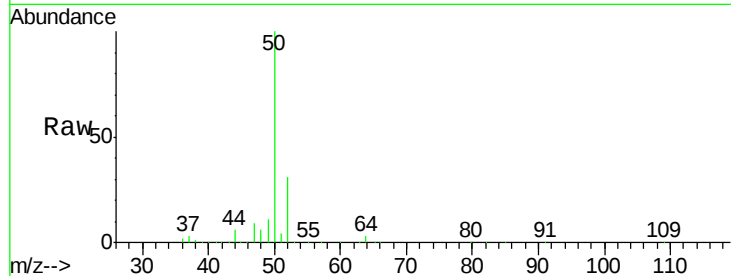
52 31.1 25.7 38.5

Manual Integrations

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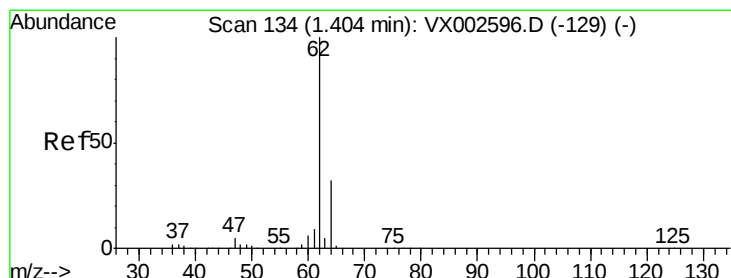
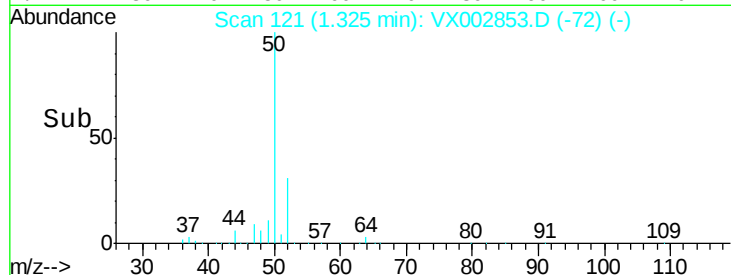
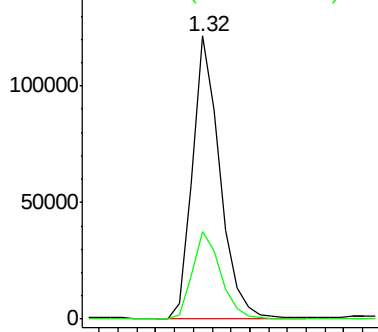
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.22 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002853.D

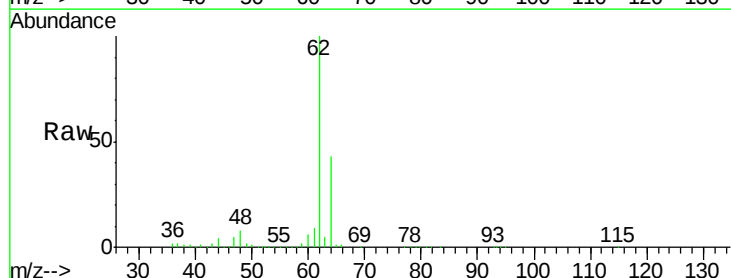
Acq: 23 Jun 2018 01:17

Tgt Ion: 62 Resp: 137428

Ion Ratio Lower Upper

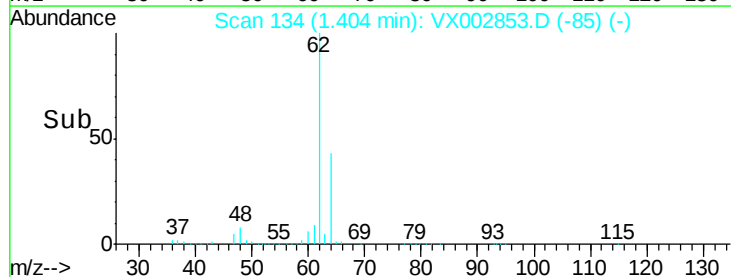
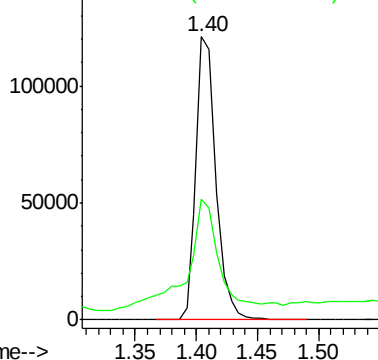
62 100

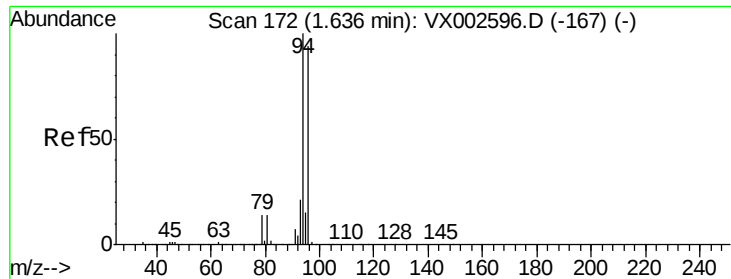
64 36.4 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 48.21 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

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ClientSampleId :

S83-0020MSD

Tot Ion: 94 Resp: 90416

Ion Ratio Lower Upper

94 100

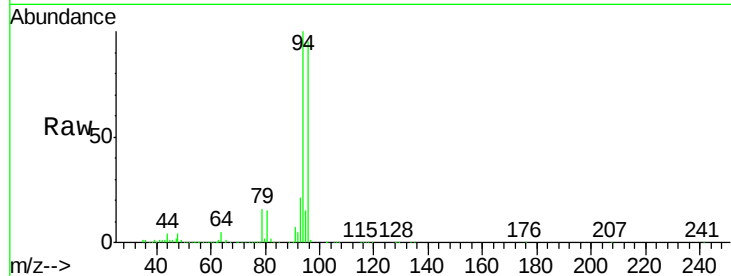
96 94.7 74.9 112.3

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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

80000

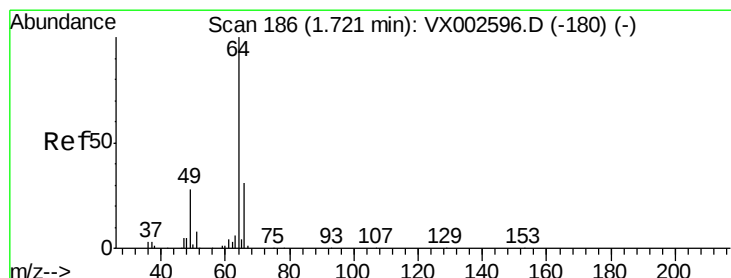
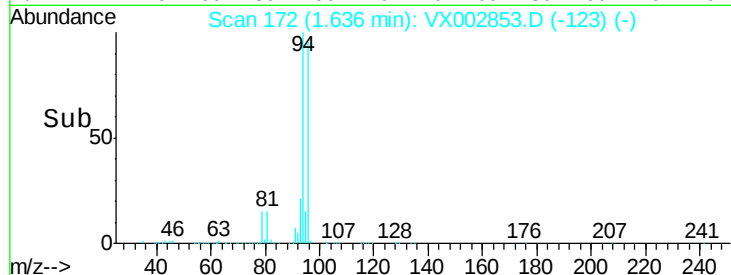
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 44.40 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002853.D

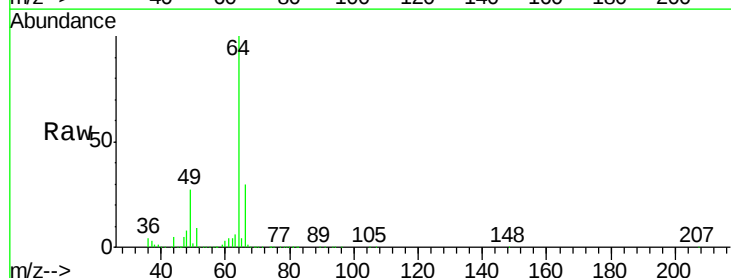
Acq: 23 Jun 2018 01:17

Tgt Ion: 64 Resp: 90948

Ion Ratio Lower Upper

64 100

66 31.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

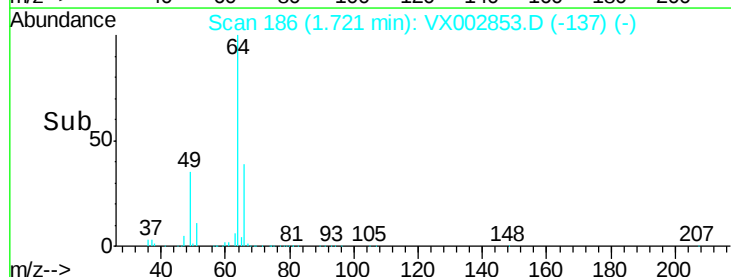
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Time-->





#7

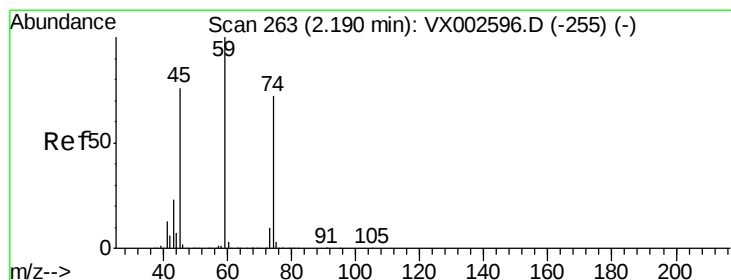
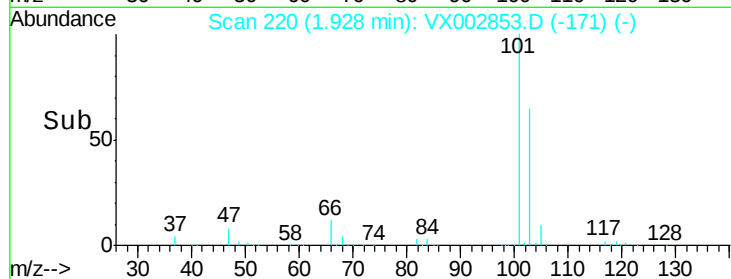
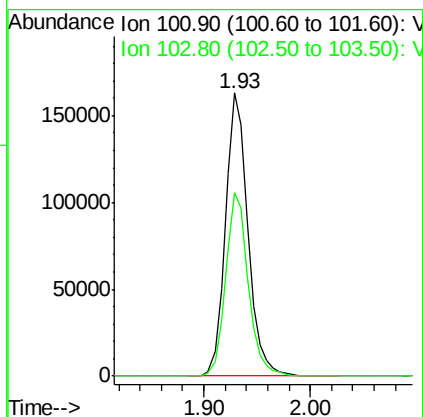
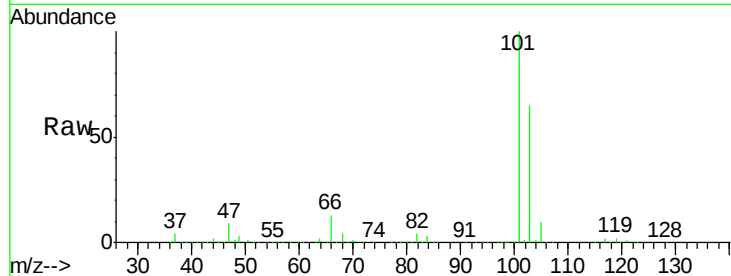
Trichlorofluoromethane
Concen: 47.77 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.8	79.2

Manual Integrations
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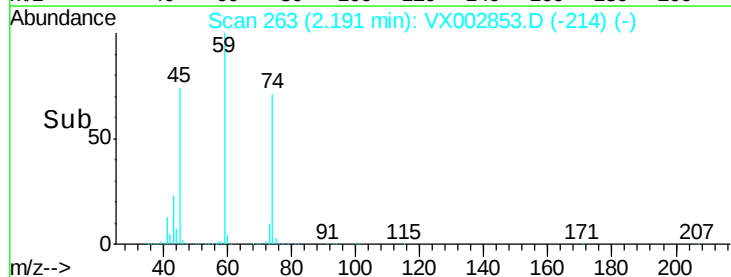
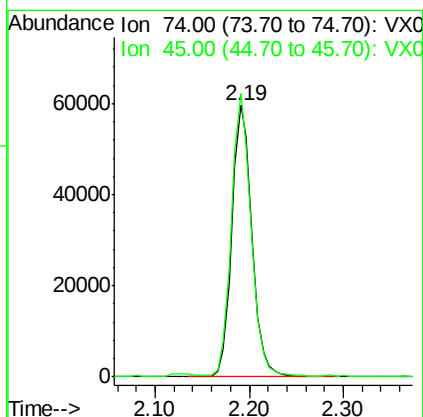
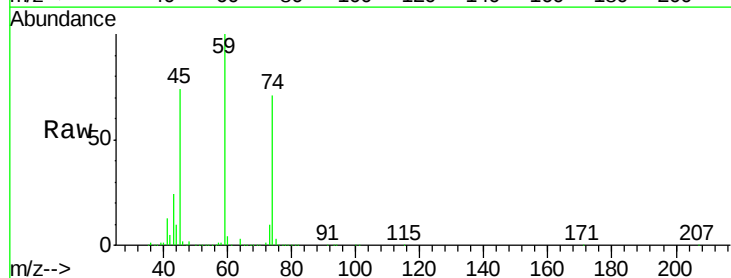
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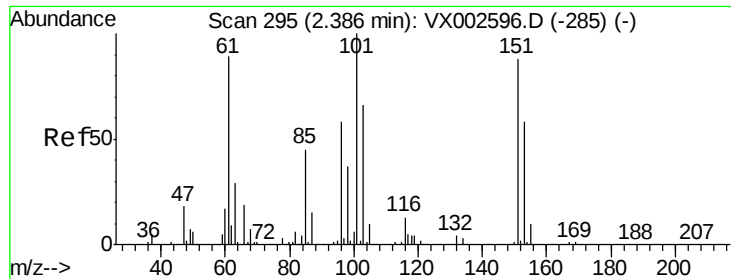


#8

Diethyl Ether
Concen: 45.80 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.8	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.90 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

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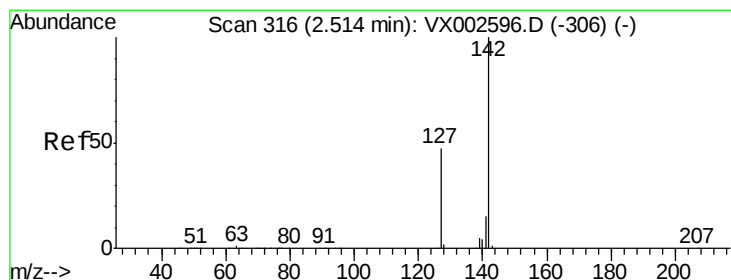
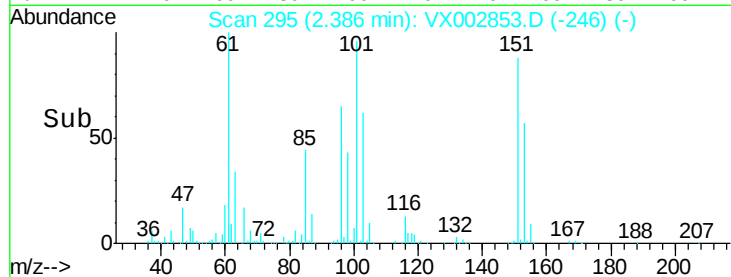
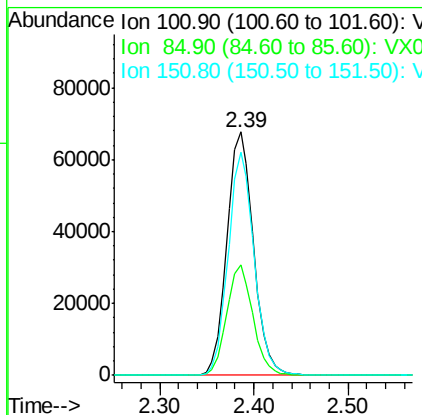
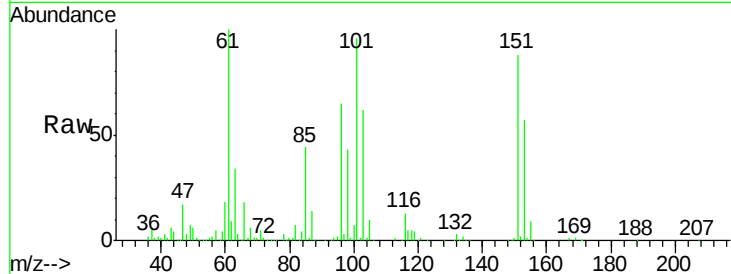
ClientSampleId :

S83-0020MSD

Tot Ion:	101	Resp:	132381
Ion Ratio	Lower	Upper	
101	100		
85	44.8	36.0	54.0
151	89.6	70.9	106.3

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#10

Methyl Iodide

Concen: 39.34 ug/l

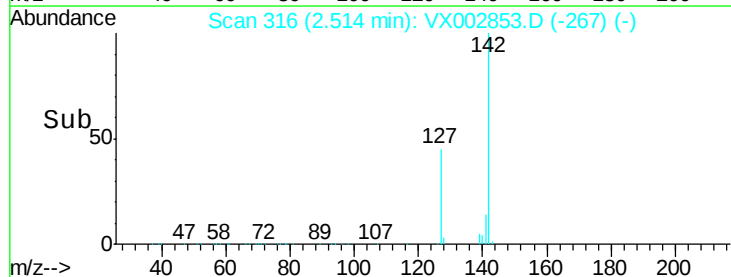
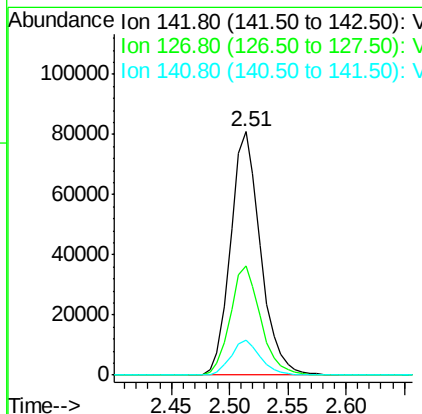
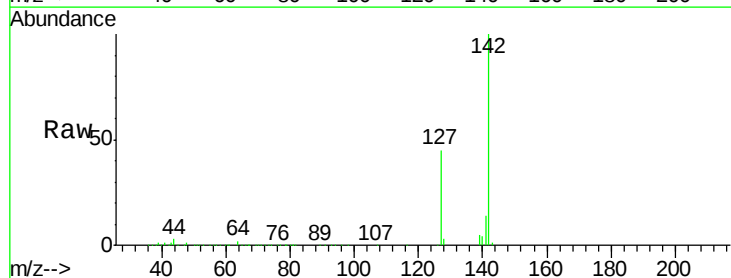
RT: 2.51 min Scan# 316

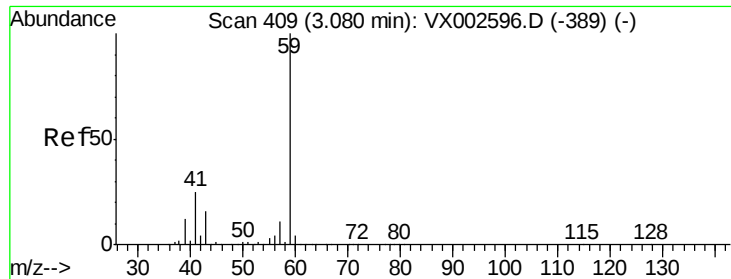
Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Tgt Ion:	142	Resp:	145152
Ion Ratio	Lower	Upper	
142	100		
127	45.4	36.6	55.0
141	14.3	11.3	16.9





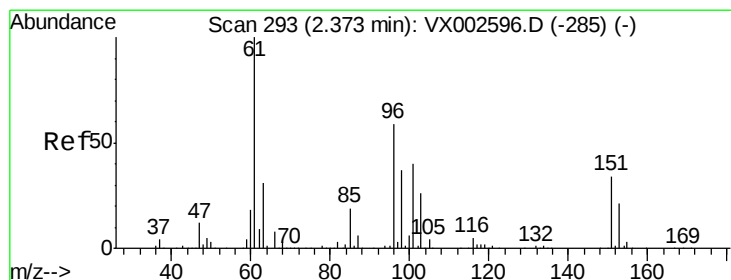
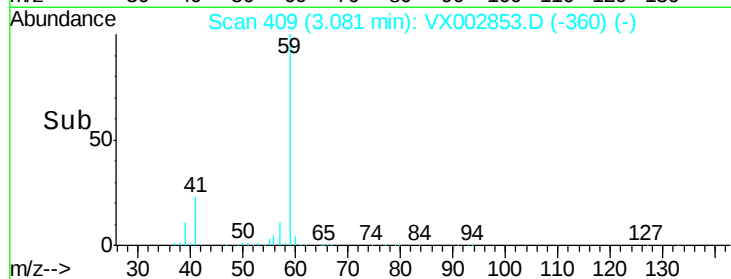
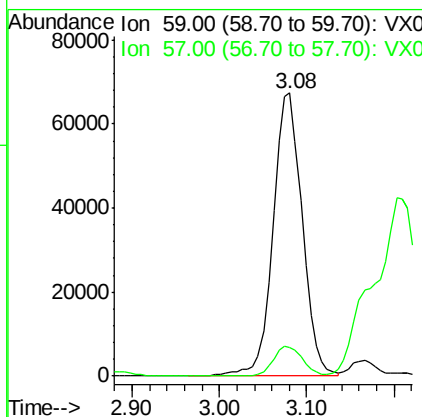
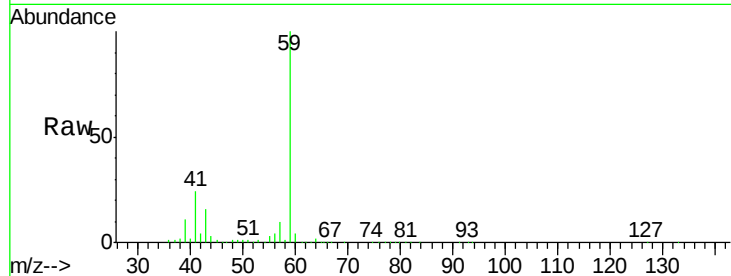
#11
Tert butyl alcohol
Concen: 210.34 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Instrument :
MSVOA_X
ClientSampleId :
S83-0020MSD

Tot Ion	59	Resp	156720
Ion Ratio	100	Lower	Upper
57	10.4	8.2	12.2

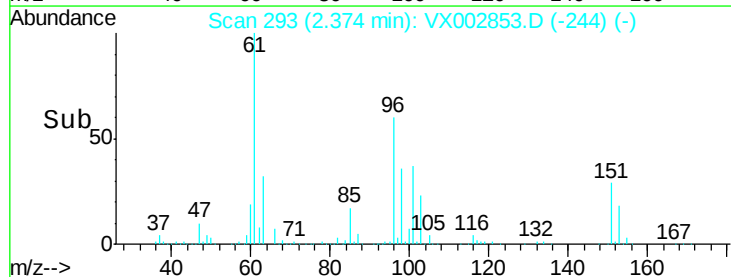
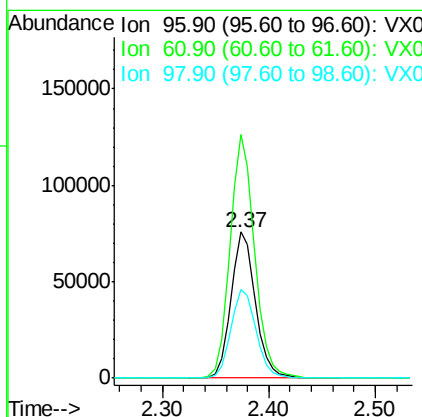
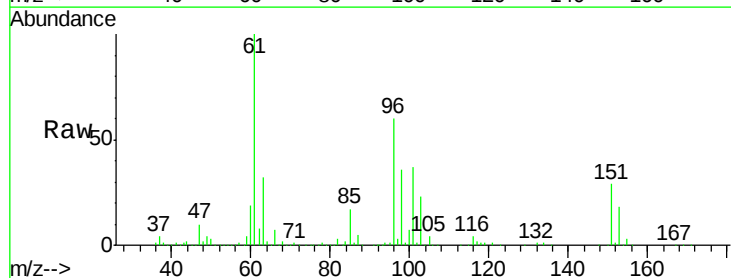
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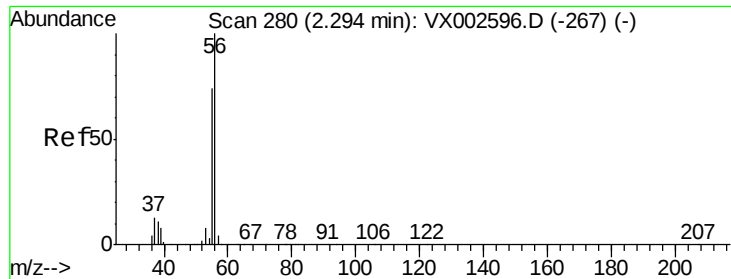
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#12
1,1-Dichloroethene
Concen: 46.16 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Tgt Ion	96	Resp	122329
Ion Ratio	100	Lower	Upper
61	167.0	137.9	206.9
98	60.6	51.6	77.4





#13

Acrolein

Concen: 170.00 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

S83-0020MSD

Tot Ion: 56 Resp: 58594

Ion Ratio Lower Upper

56 100

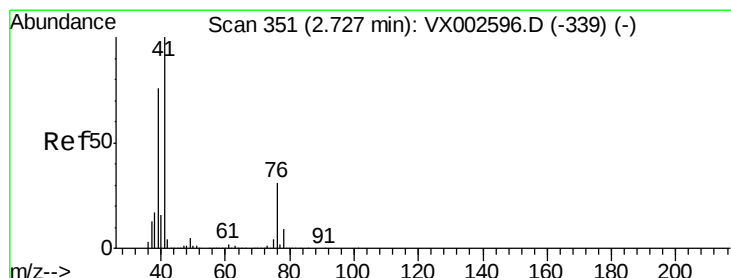
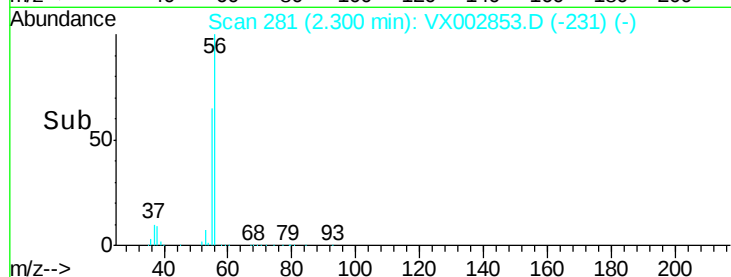
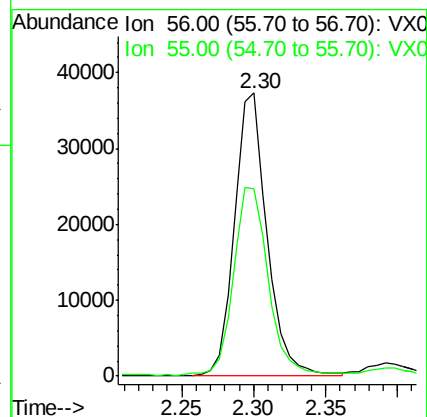
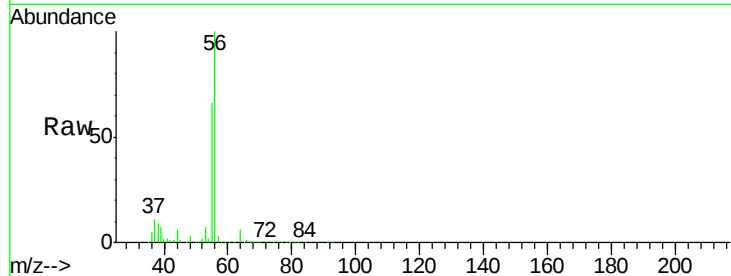
55 71.1 57.0 85.4

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#14

Allyl chloride

Concen: 45.12 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

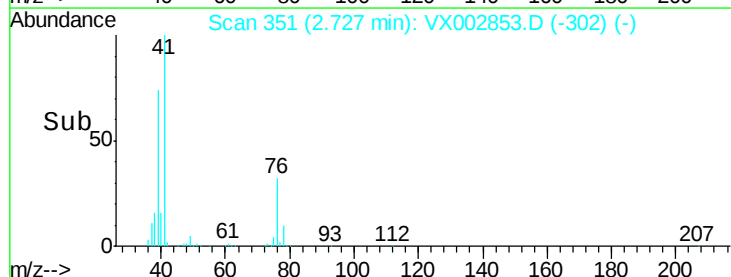
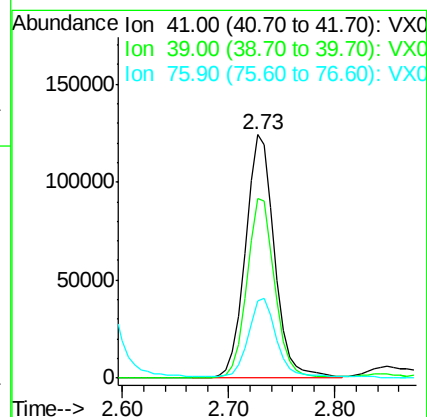
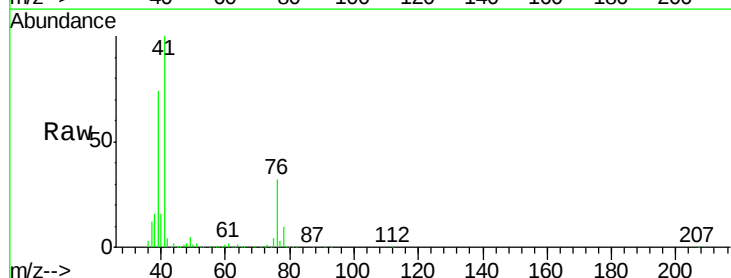
Tgt Ion: 41 Resp: 237417

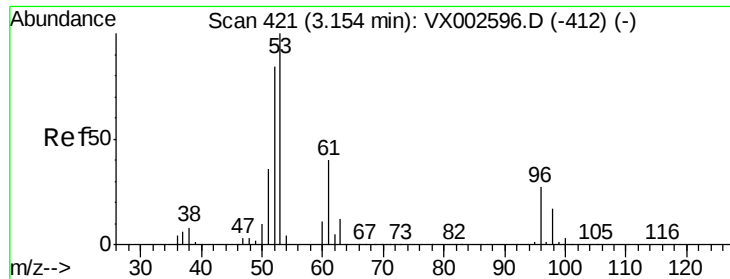
Ion Ratio Lower Upper

41 100

39 70.9 56.8 85.2

76 32.4 23.8 35.8





#15

Acrylonitrile

Concen: 231.98 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

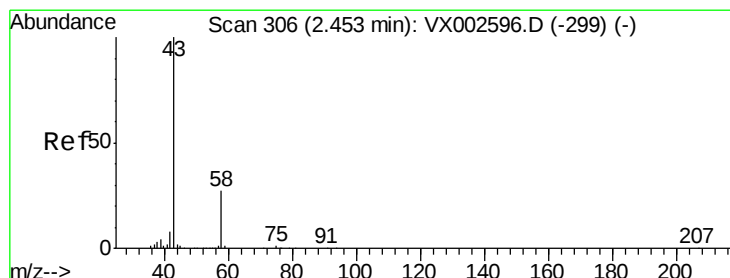
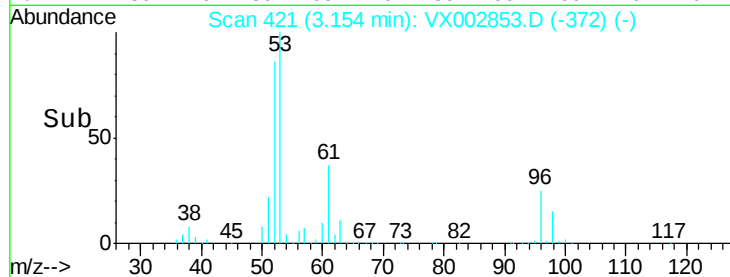
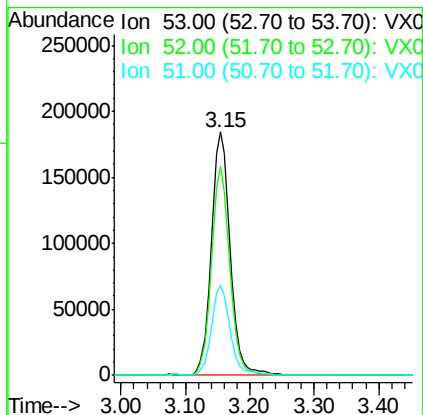
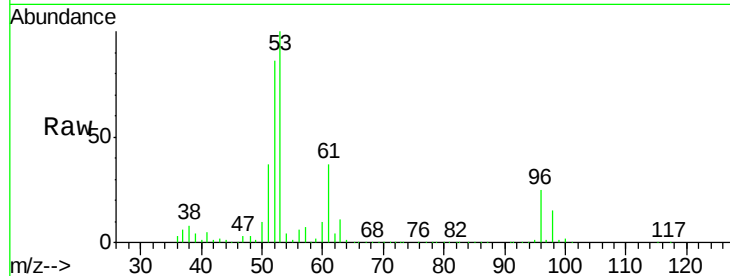
ClientSampleId :

S83-0020MSD

Tot Ion:	53	Resp:	377184
Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.7	100.1
51	36.9	29.9	44.9

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#16

Acetone

Concen: 223.32 ug/l

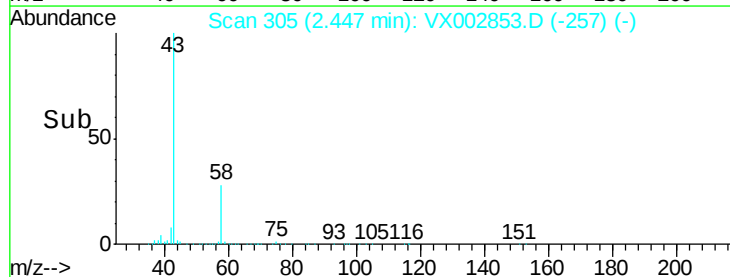
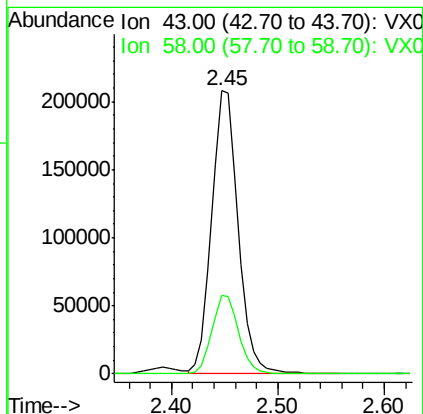
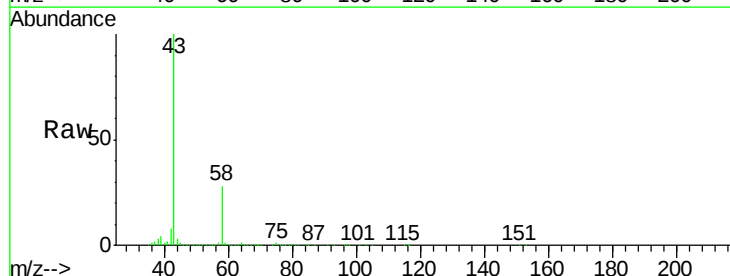
RT: 2.45 min Scan# 305

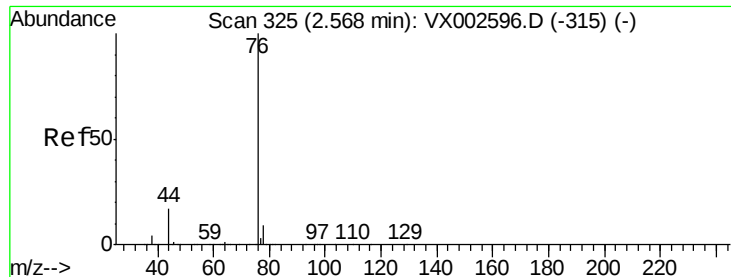
Delta R.T. -0.01 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Tgt Ion:	43	Resp:	355117
Ion	Ratio	Lower	Upper
43	100		
58	27.7	22.1	33.1





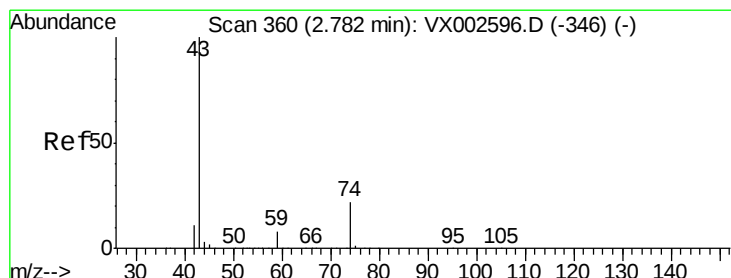
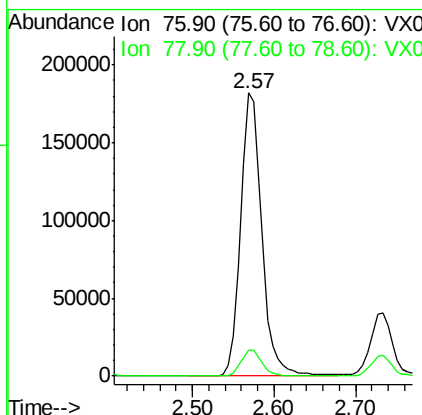
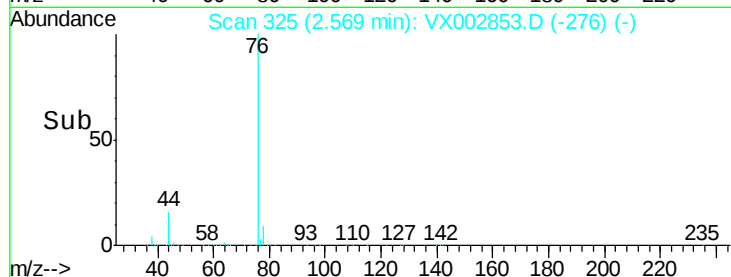
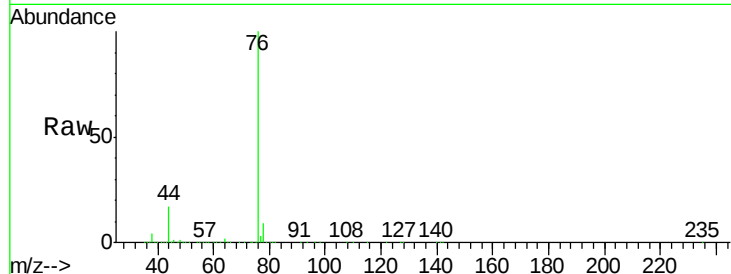
#17
Carbon Disulfide
Concen: 51.72 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Instrument :
MSVOA_X
ClientSampleId :
S83-0020MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	6.9	10.3

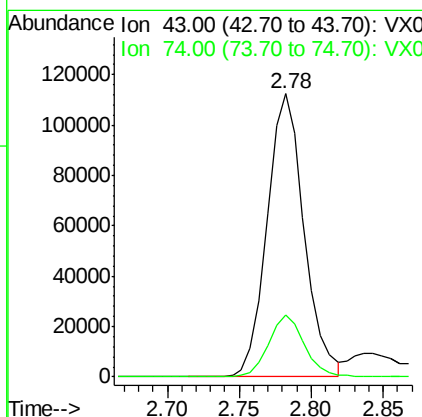
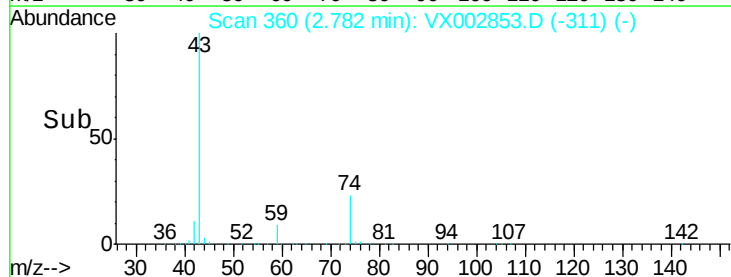
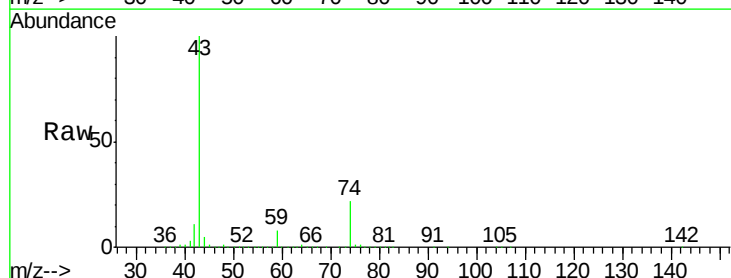
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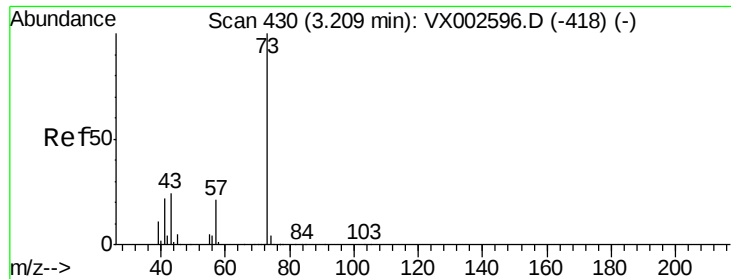
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#18
Methyl Acetate
Concen: 47.04 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	16.7	25.1





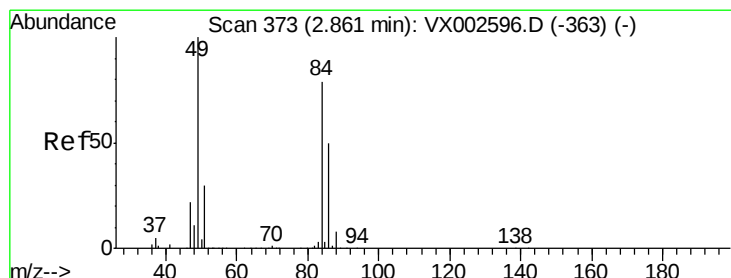
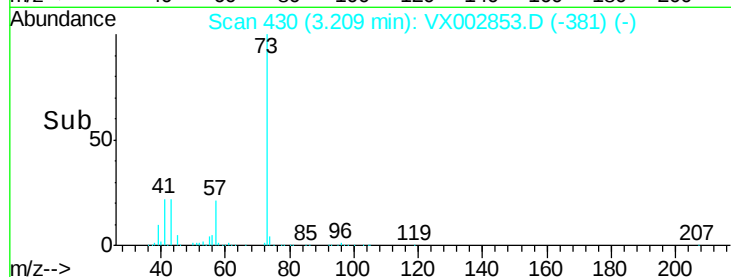
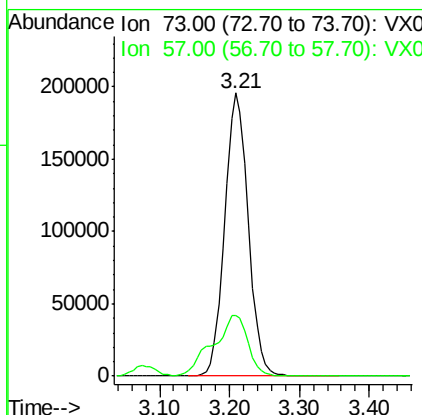
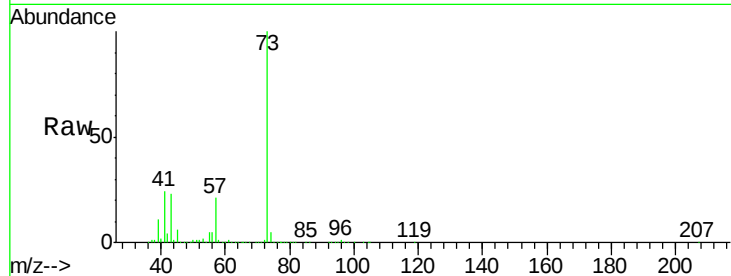
#19
Methyl tert-butyl Ether
Concen: 45.87 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Instrument :
MSVOA_X
ClientSampleId :
S83-0020MSD

Tot Ion: 73 Resp: 456014
Ion Ratio Lower Upper
73 100
57 21.5 17.7 26.5

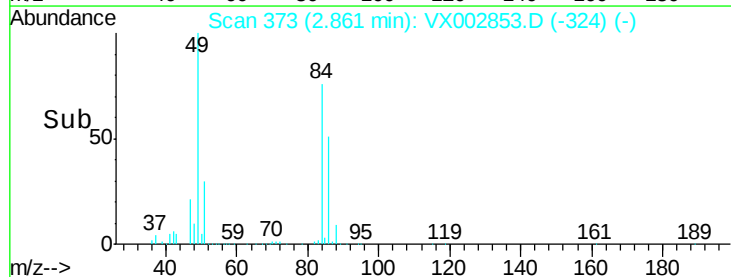
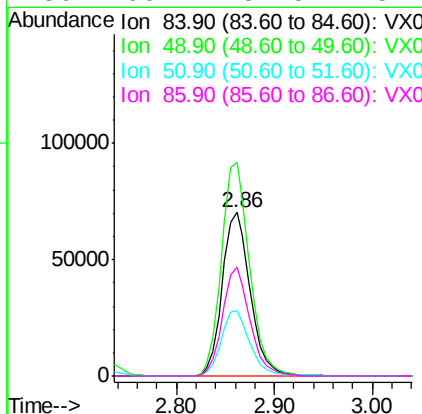
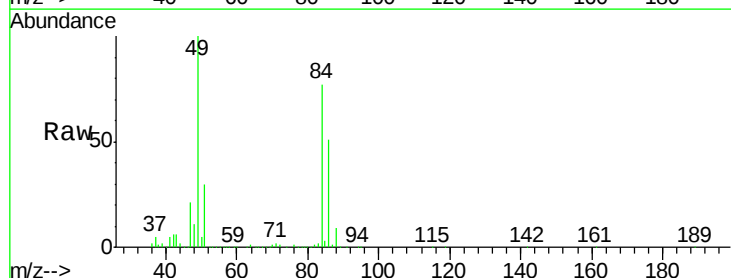
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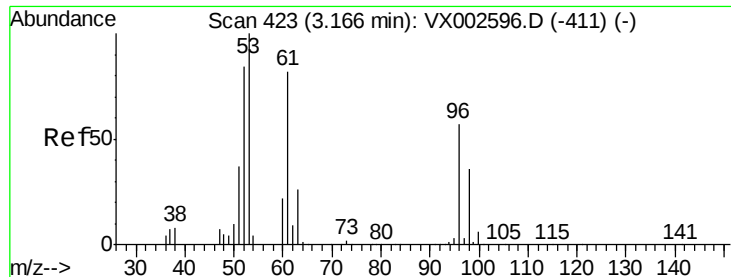
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#20
Methylene Chloride
Concen: 42.91 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Tgt Ion: 84 Resp: 139910
Ion Ratio Lower Upper
84 100
49 130.5 107.8 161.6
51 39.6 32.8 49.2
86 66.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 46.11 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

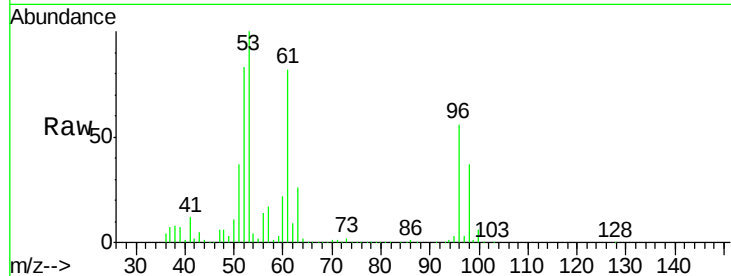
ClientSampleId :

S83-0020MSD

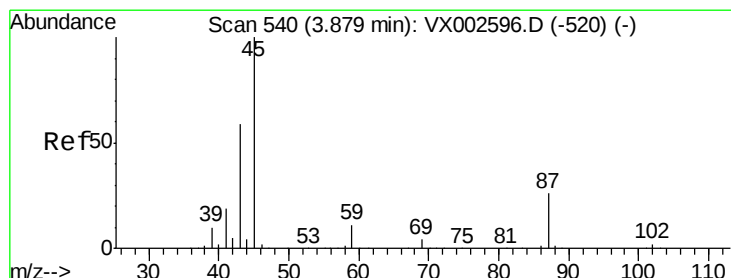
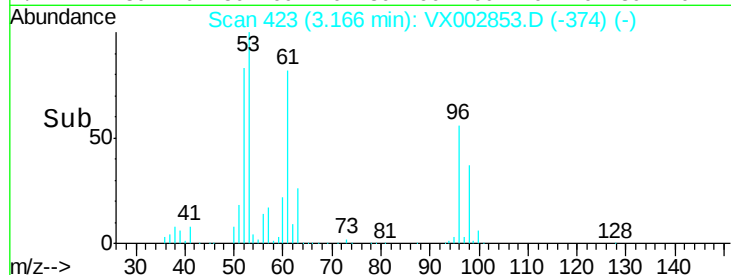
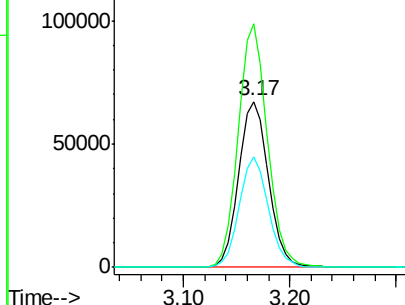
Tot Ion:	96	Resp:	132557
Ion	Ratio	Lower	Upper
96	100		
61	146.8	117.0	175.4
98	66.6	52.4	78.6

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Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.31 ug/l

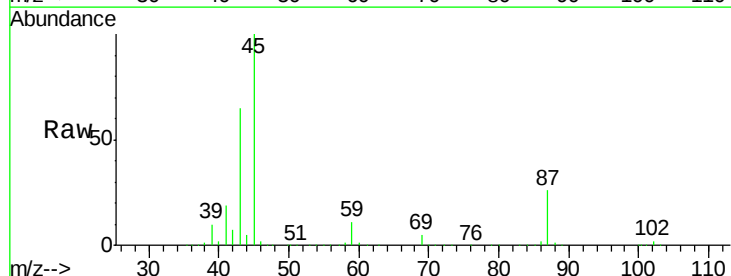
RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

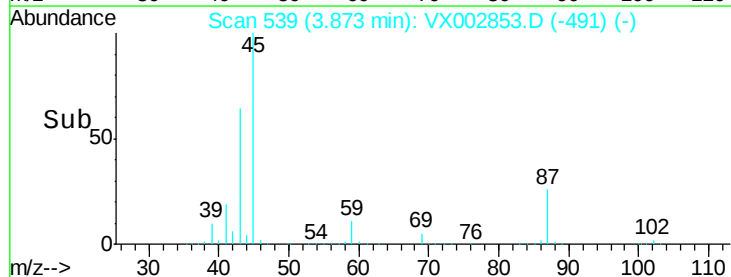
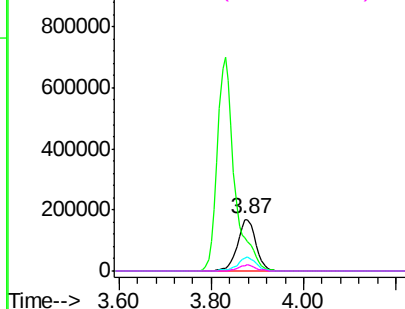
Lab File: VX002853.D

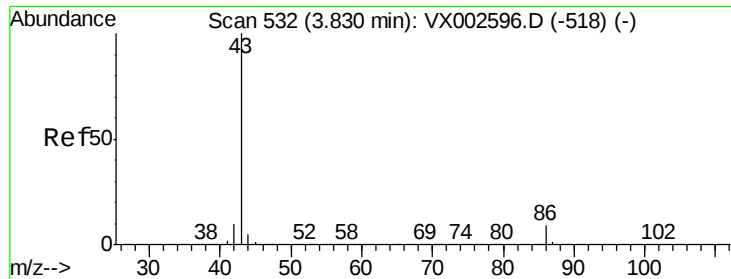
Acq: 23 Jun 2018 01:17

Tgt Ion:	45	Resp:	469473
Ion	Ratio	Lower	Upper
45	100		
43	64.5	46.8	70.2
87	25.6	20.2	30.4
59	10.7	8.7	13.1



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 228.89 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

S83-0020MSD

Tot Ion: 43 Resp: 1823808

Ion Ratio Lower Upper

43 100

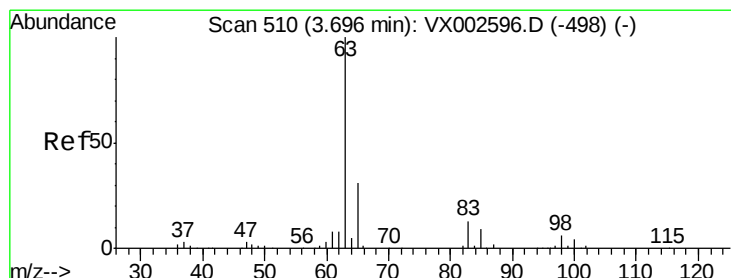
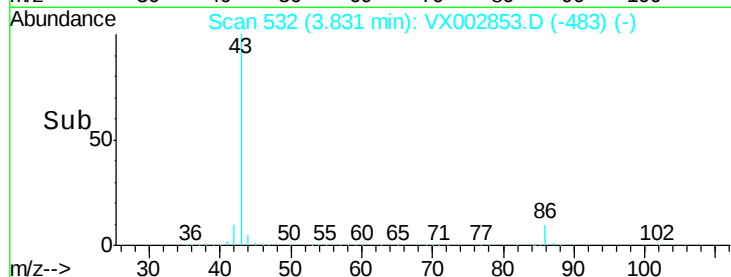
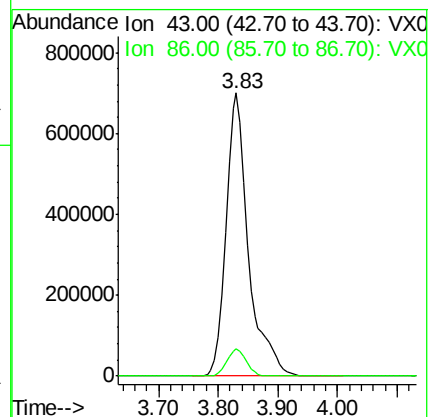
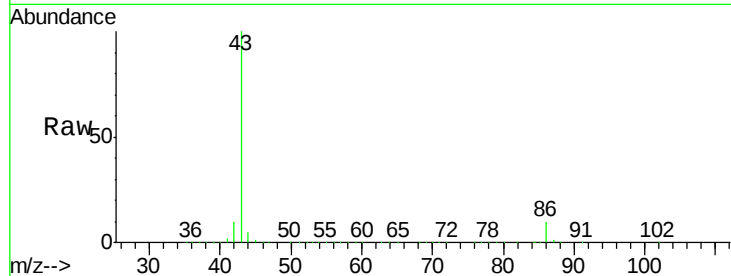
86 9.6 7.4 11.0

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#24

1,1-Dichloroethane

Concen: 48.14 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

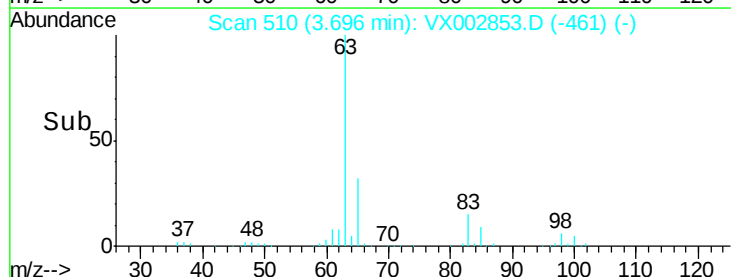
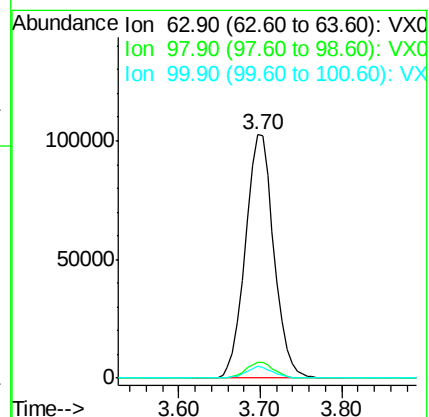
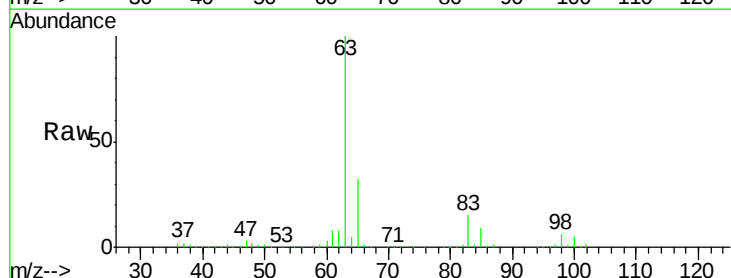
Tgt Ion: 63 Resp: 248759

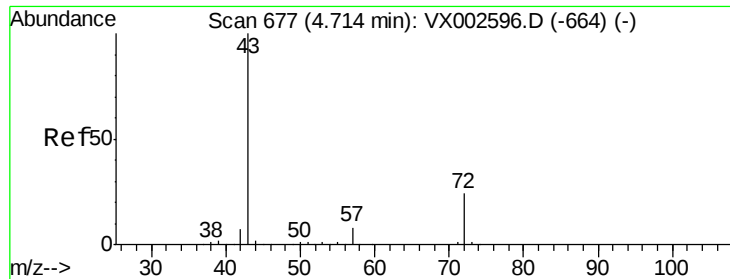
Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

100 4.8 2.0 6.0





#25

2-Butanone

Concen: 252.48 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

S83-0020MSD

Tot Ion: 43 Resp: 527249

Ion Ratio Lower Upper

43 100

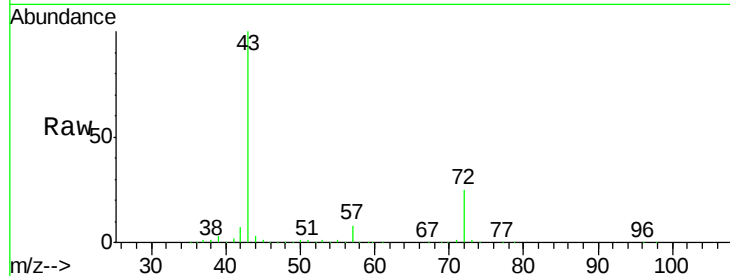
72 24.5 18.5 27.7

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

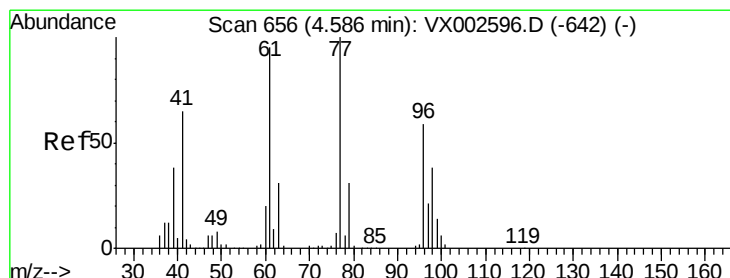
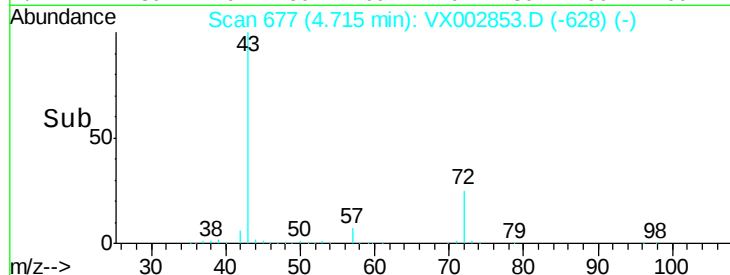
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 41.46 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002853.D

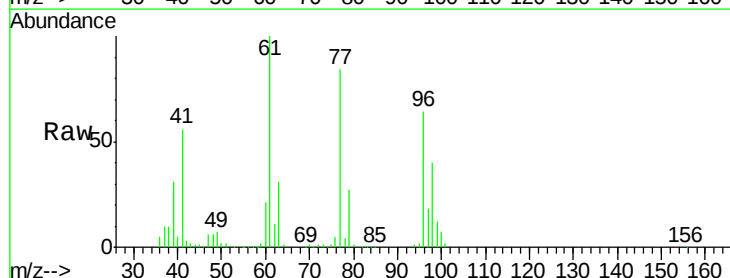
Acq: 23 Jun 2018 01:17

Tgt Ion: 77 Resp: 153927

Ion Ratio Lower Upper

77 100

97 23.5 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

50000

40000

30000

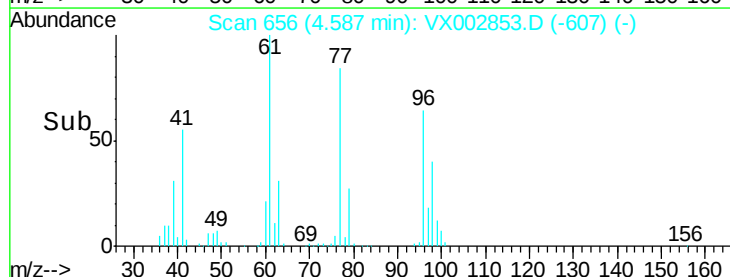
20000

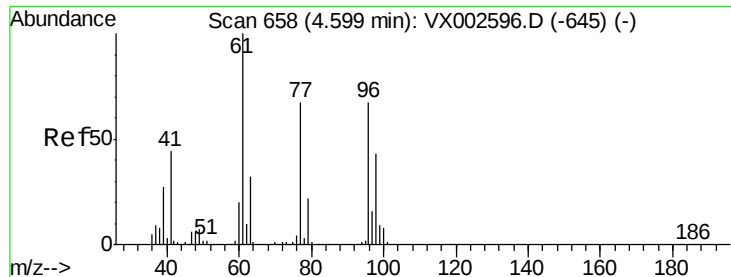
10000

0

4.40 4.50 4.60 4.70

Time-->





#27

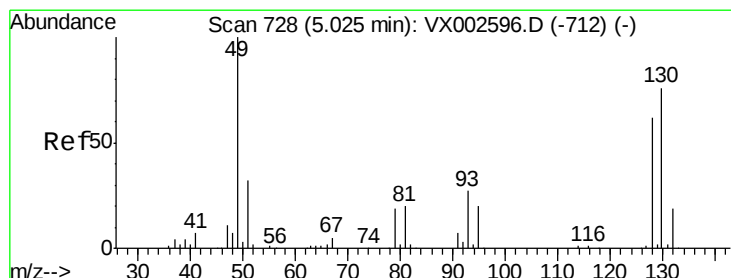
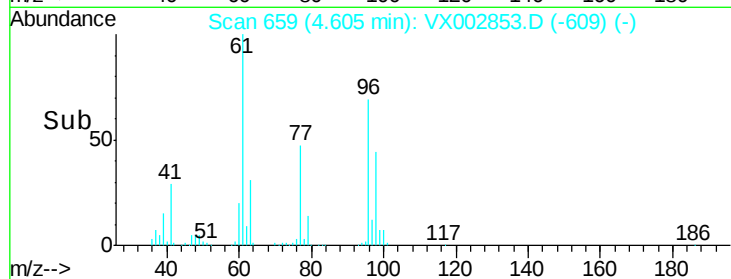
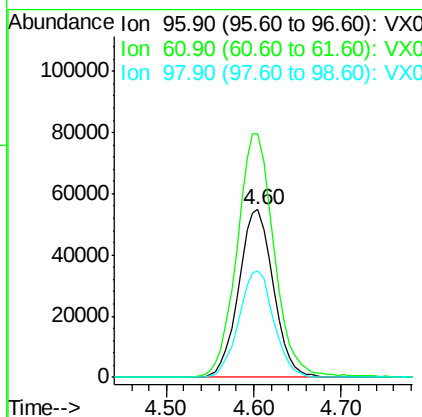
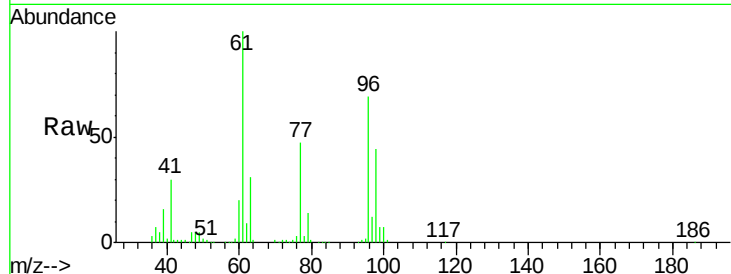
cis-1,2-Dichloroethene
Concen: 51.68 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.01 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Instrument :
MSVOA_X
ClientSampleId :
S83-0020MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	156.6	0.0	330.2	
98	64.0	0.0	130.2	

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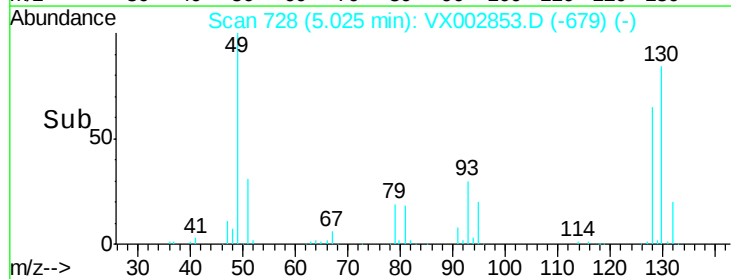
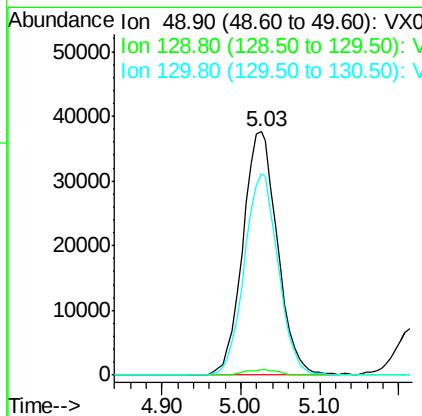
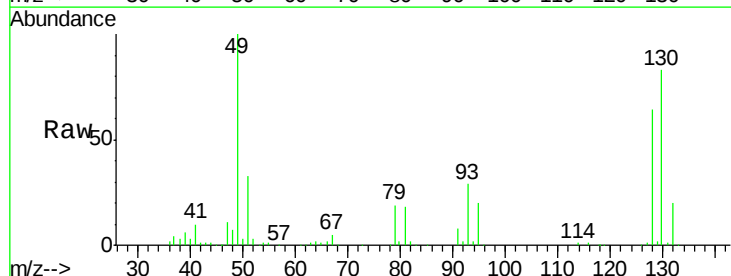
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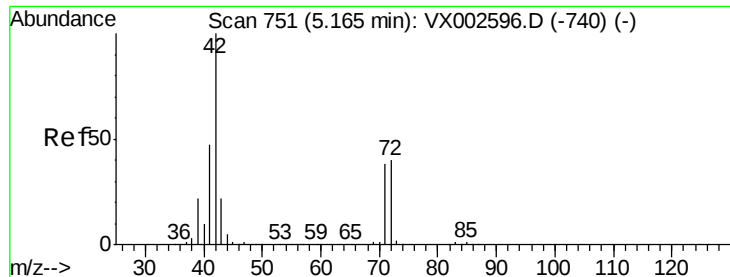


#28

Bromochloromethane
Concen: 47.35 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.2	0.0	4.2	
130	80.8	61.2	91.8	





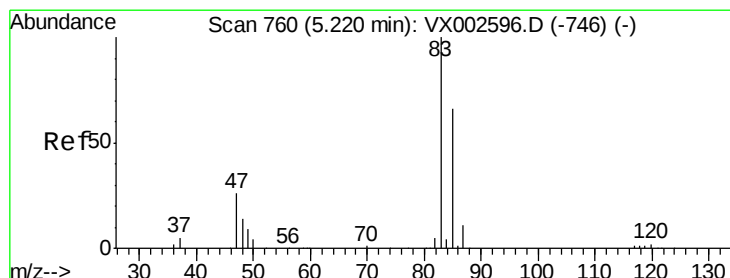
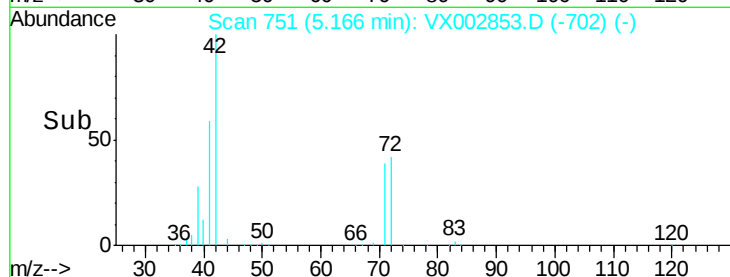
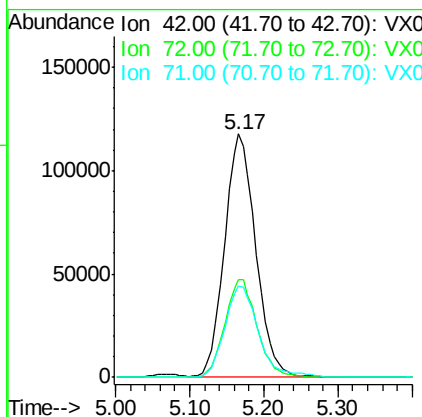
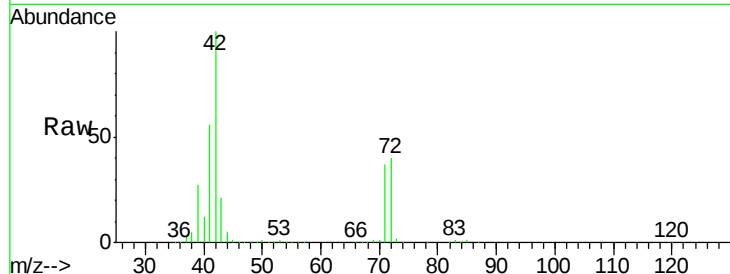
#29
Tetrahydrofuran
Concen: 250.10 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Instrument :
MSVOA_X
ClientSampleId :
S83-0020MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.6	32.0	48.0
71	40.9	30.1	45.1

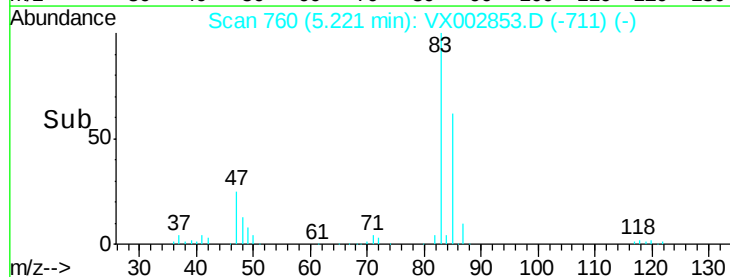
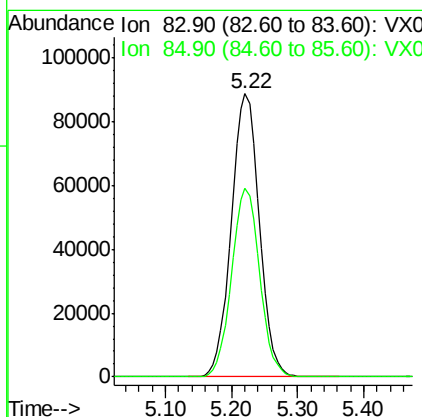
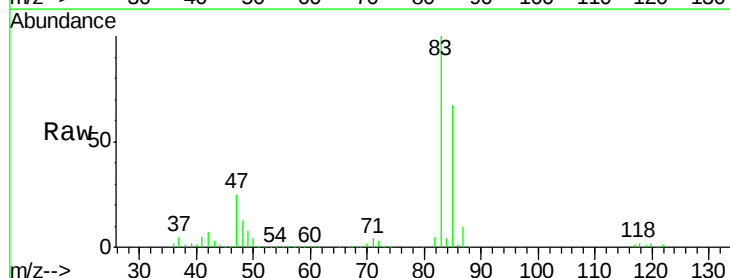
Manual Integrations
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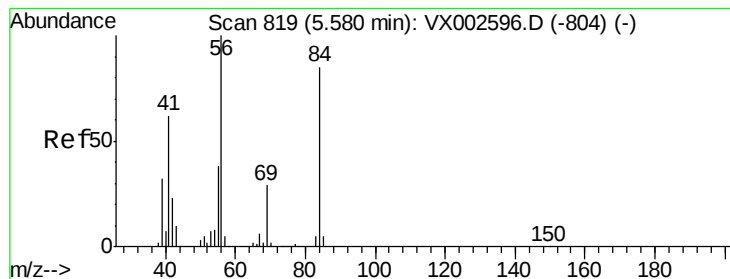
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#30
Chloroform
Concen: 52.39 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	50.4	75.6





#31

Cyclohexane

Concen: 56.21 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

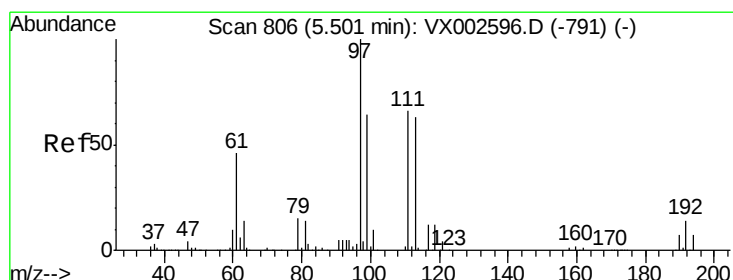
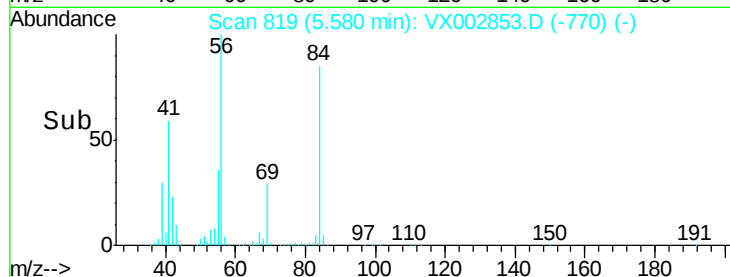
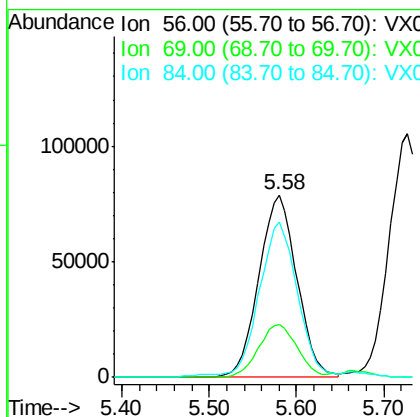
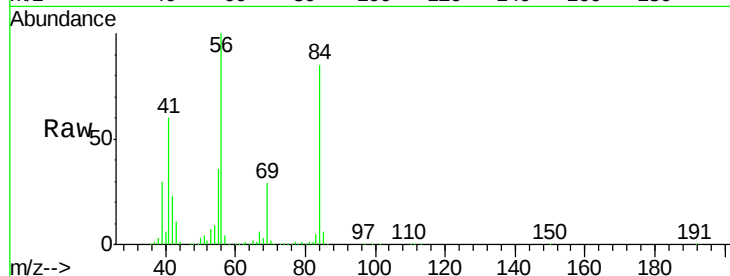
ClientSampleId :

S83-0020MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.2	23.7	35.5
84	83.8	64.1	96.1

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#32

1,1,1-Trichloroethane

Concen: 55.37 ug/l

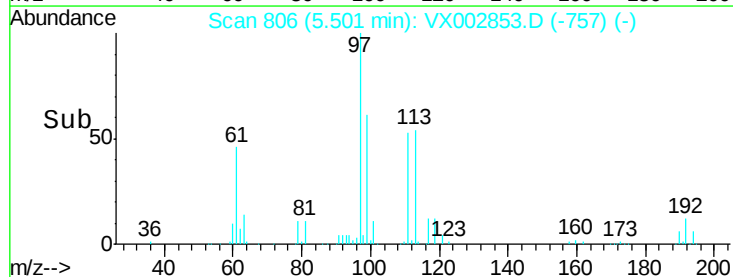
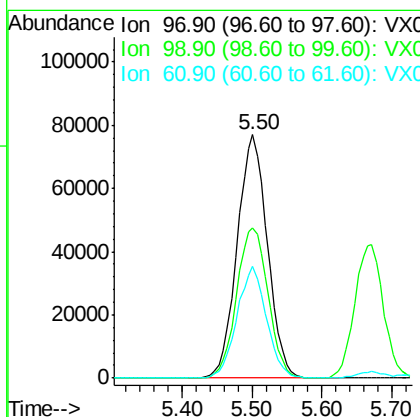
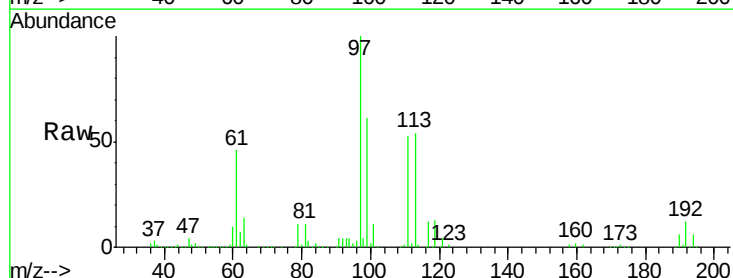
RT: 5.50 min Scan# 806

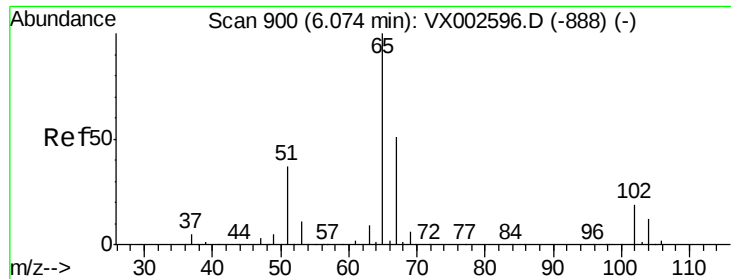
Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.6	77.4
61	44.9	36.4	54.6





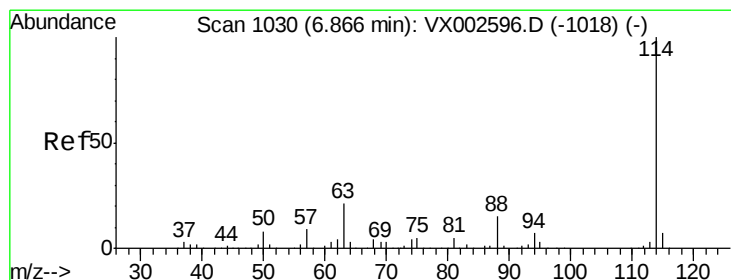
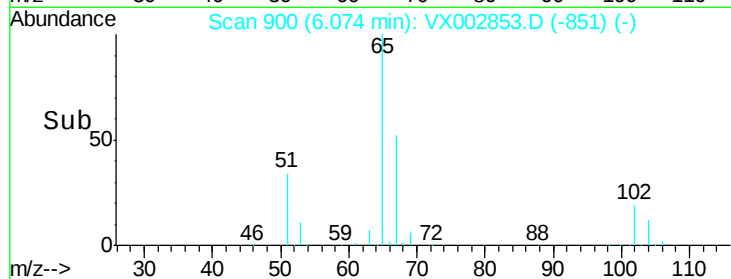
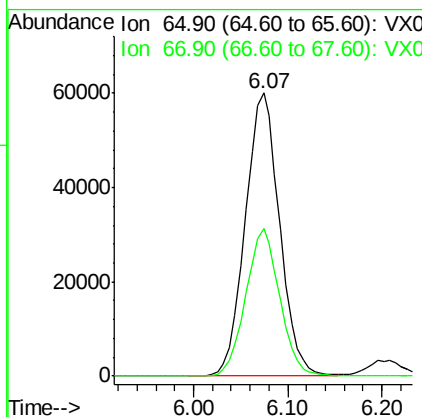
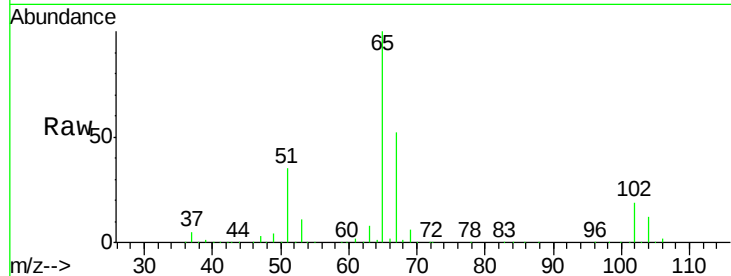
#33
 1,2-Dichloroethane-d4
 Concen: 42.62 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002853.D
 Acq: 23 Jun 2018 01:17

Instrument :
 MSVOA_X
 ClientSampleId :
 S83-0020MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	153611		
67	51.4	0.0	102.6	

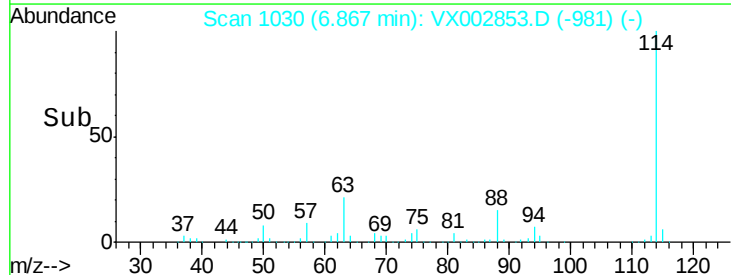
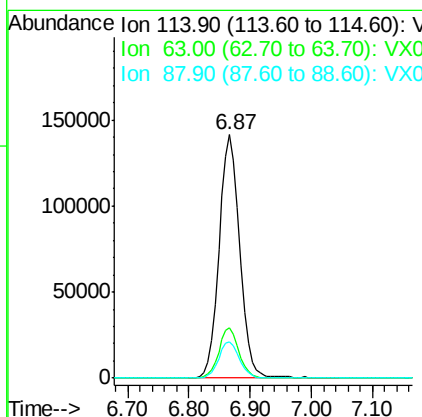
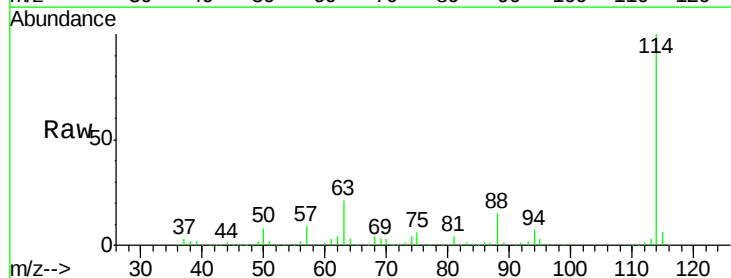
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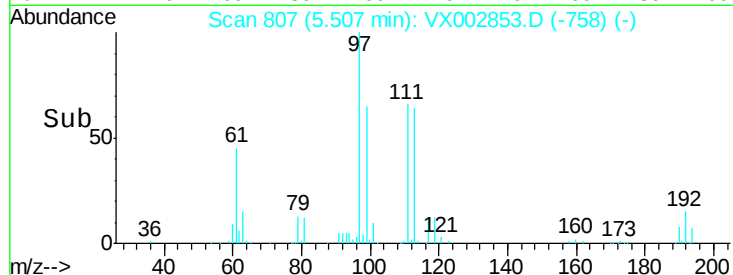
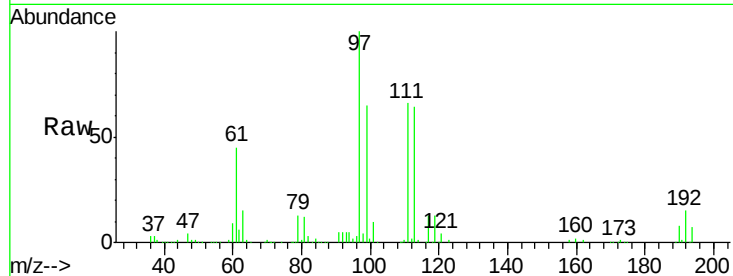
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002853.D
 Acq: 23 Jun 2018 01:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	332370		
63	20.5	0.0	41.4	
88	14.7	0.0	30.0	





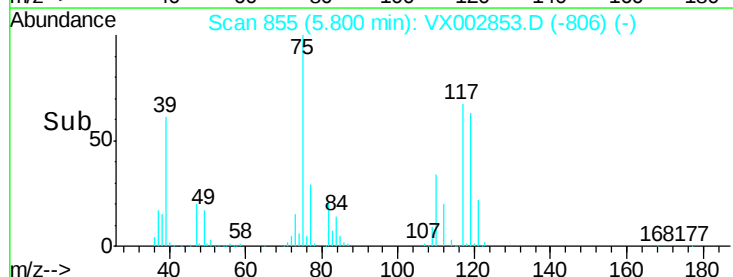
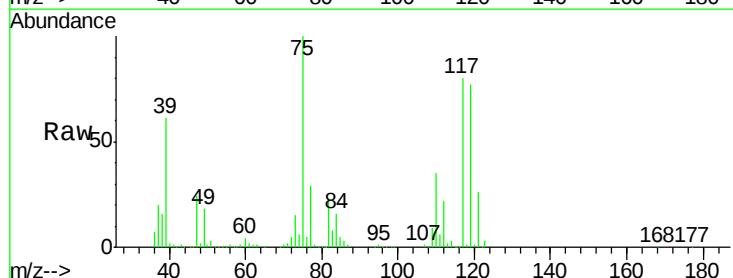
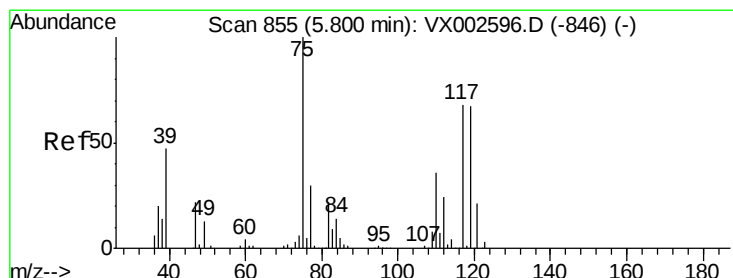
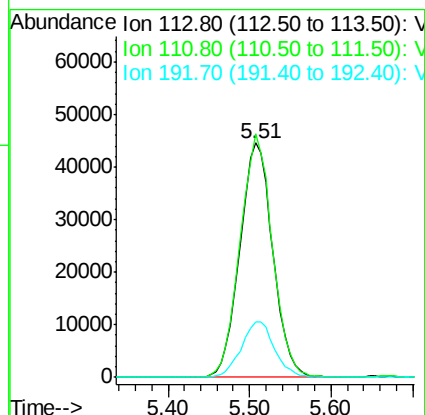
#35
Dibromofluoromethane
Concen: 47.12 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Tot Ion	Ratio	Resp	Lower	Upper
113	100	124984		
111	101.7	81.4	122.0	
192	23.9	19.1	28.7	

Instrument :
MSVOA_X
ClientSampleId :
S83-0020MSD

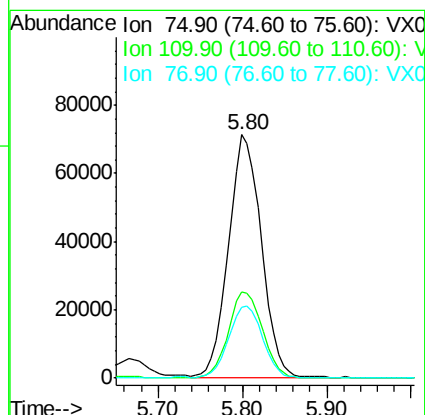
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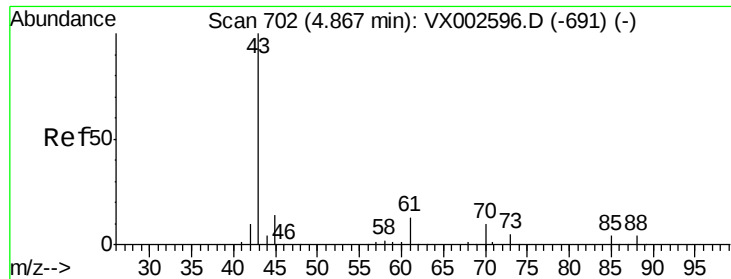
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#36
1,1-Dichloropropene
Concen: 53.34 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	188301		
110	37.0	18.1	54.4	
77	30.5	24.3	36.5	





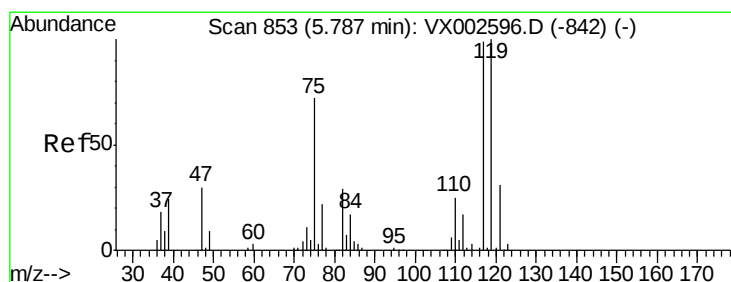
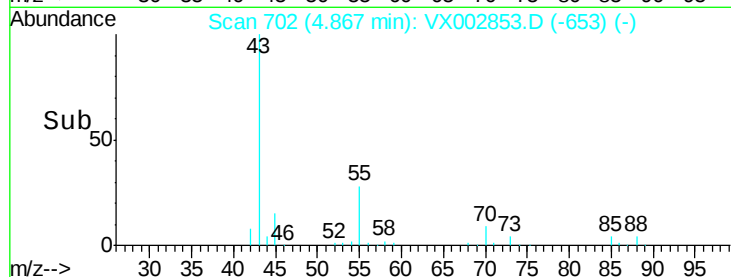
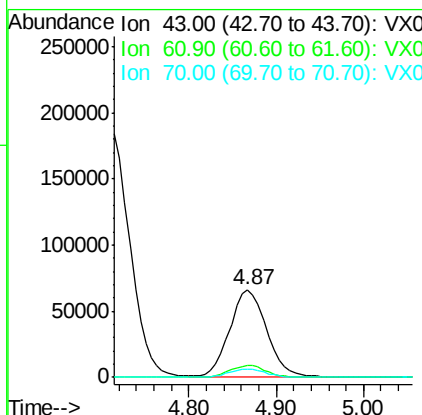
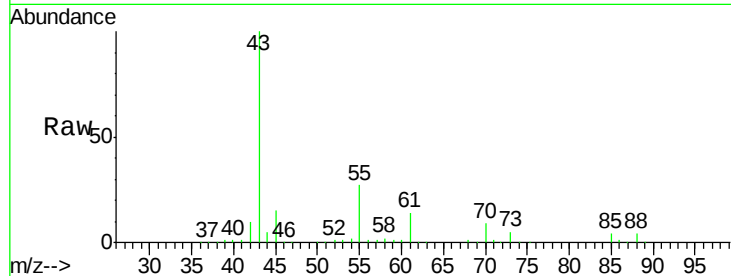
#37
Ethyl Acetate
Concen: 48.45 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Instrument :
MSVOA_X
ClientSampleId :
S83-0020MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.4	15.6
70	9.6	7.6	11.4

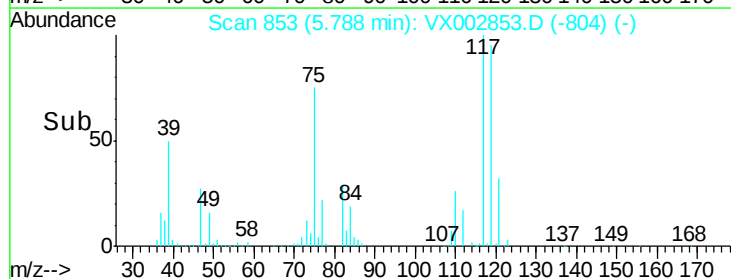
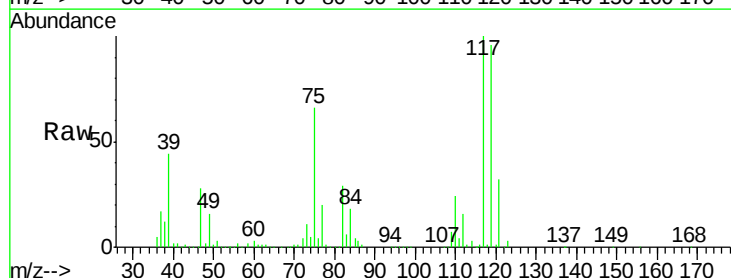
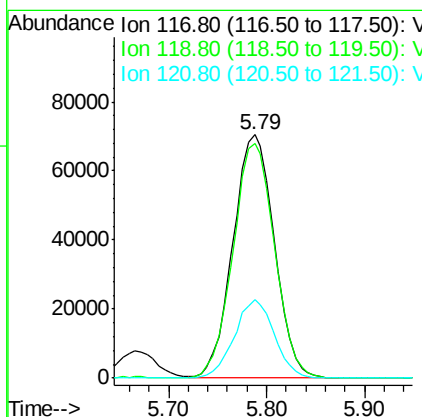
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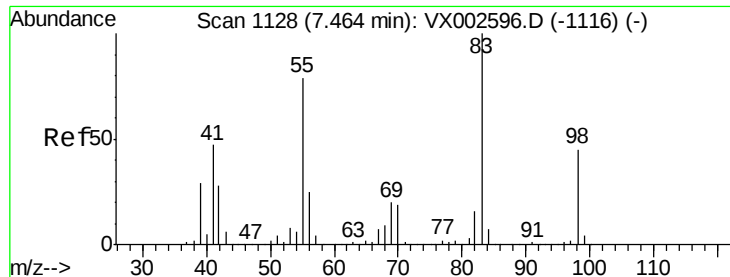
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#38
Carbon Tetrachloride
Concen: 58.86 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	77.4	116.0
121	32.3	24.4	36.6





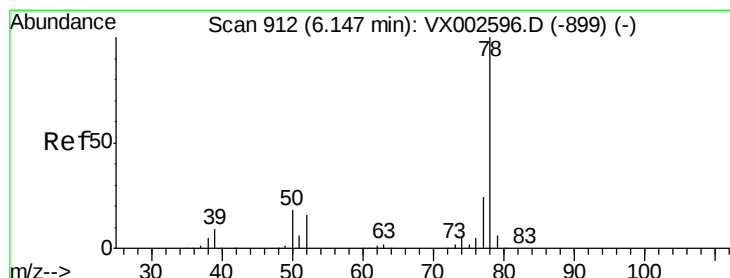
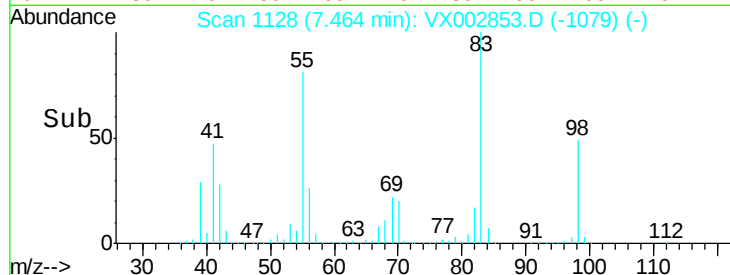
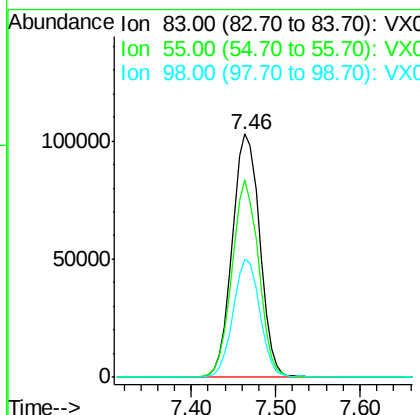
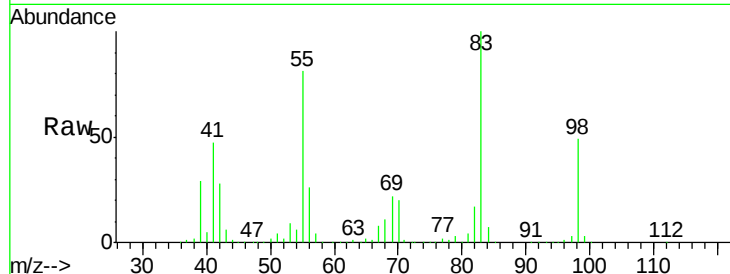
#39
Methvlcvclohexane
Concen: 55.18 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Instrument :
MSVOA_X
ClientSampleId :
S83-0020MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100	227729		
55	81.2	65.4	98.0	
98	48.7	37.4	56.0	

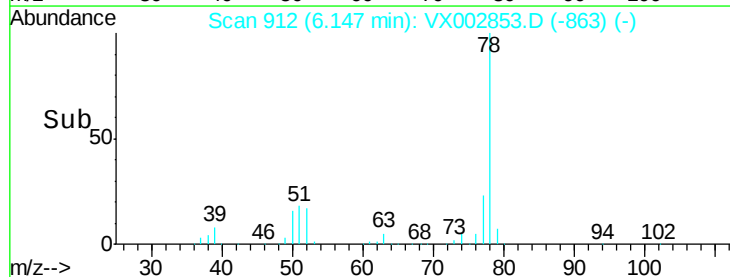
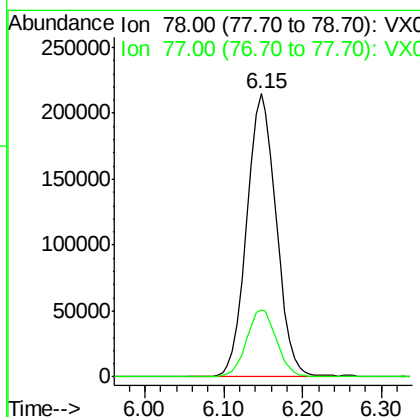
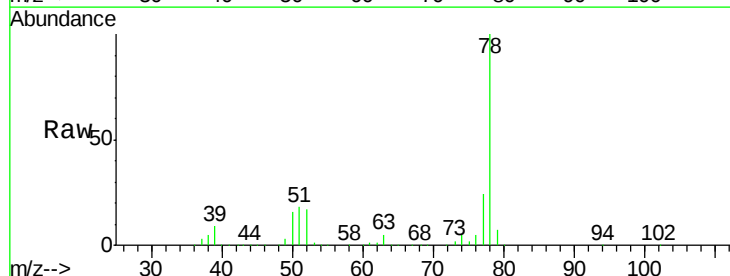
Manual Integrations
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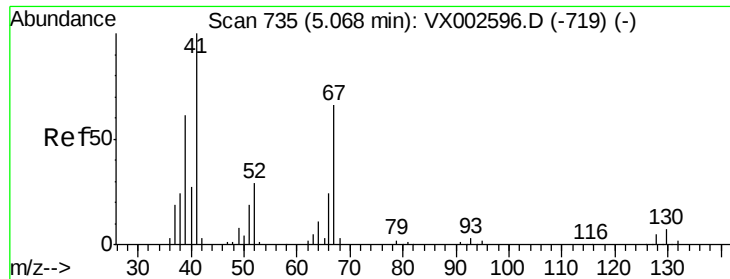
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#40
Benzene
Concen: 52.79 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	558724		
77	23.8	19.1	28.7	





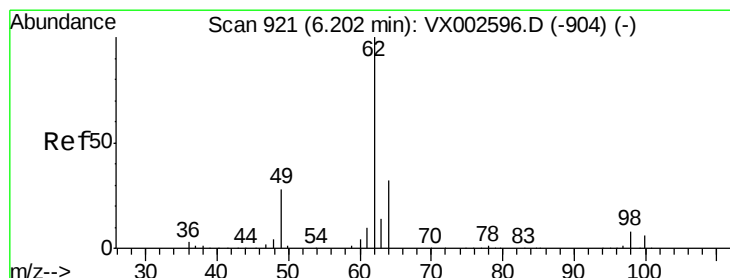
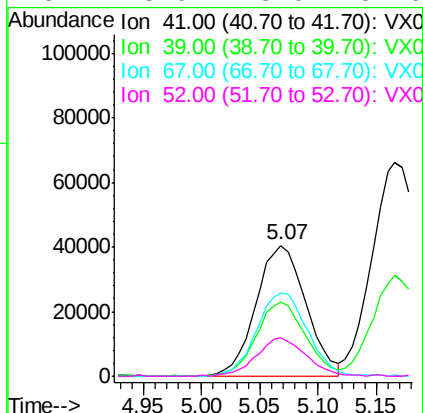
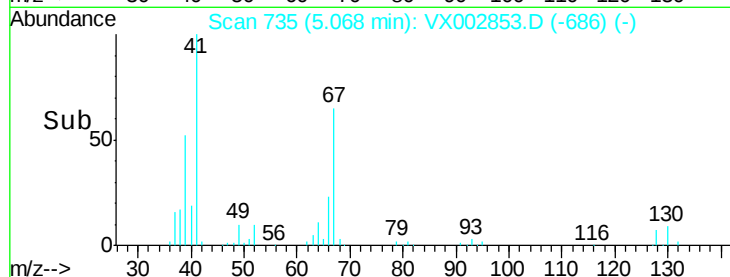
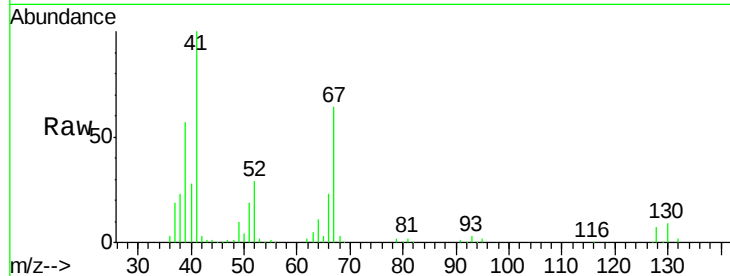
#41
Methacrylonitrile
Concen: 53.35 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Instrument :
MSVOA_X
ClientSampleId :
S83-0020MSD

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.3	45.8	68.6	
67	65.4	51.3	76.9	
52	28.9	23.0	34.6	

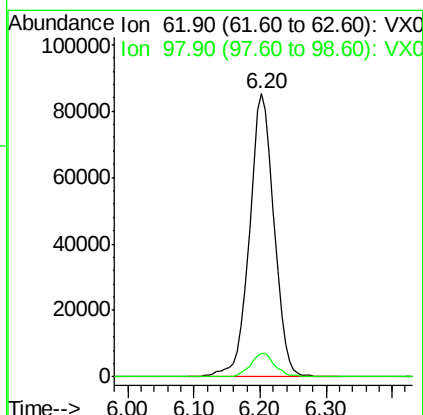
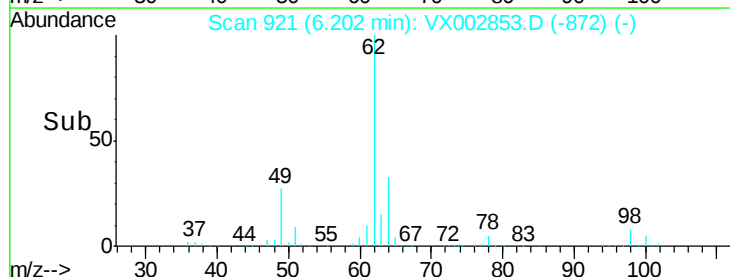
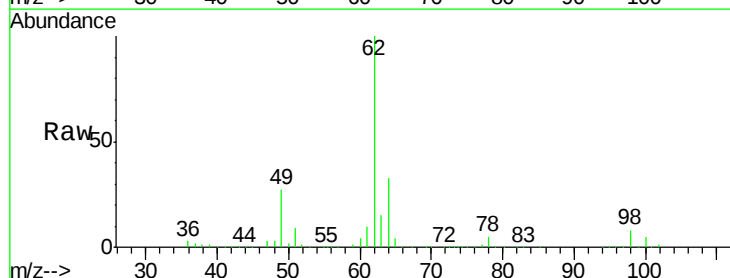
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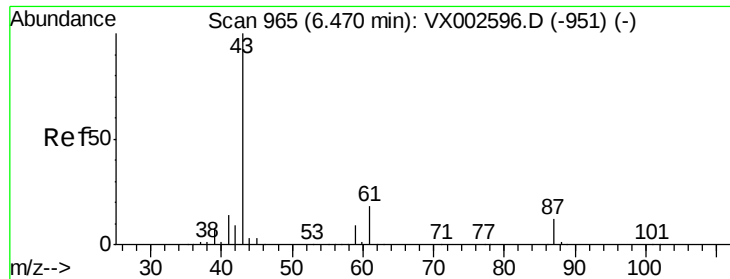
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#42
1,2-Dichloroethane
Concen: 54.02 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.4	0.0	16.6	





#43

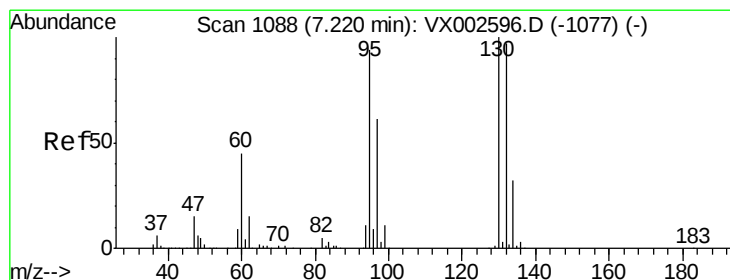
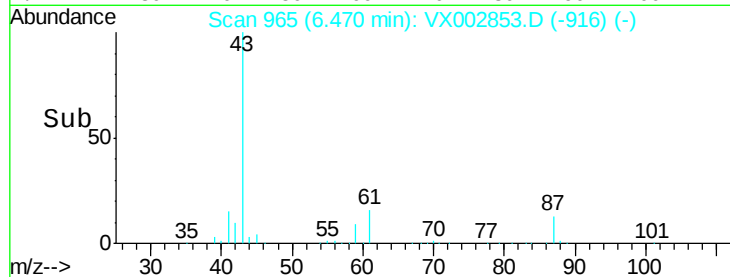
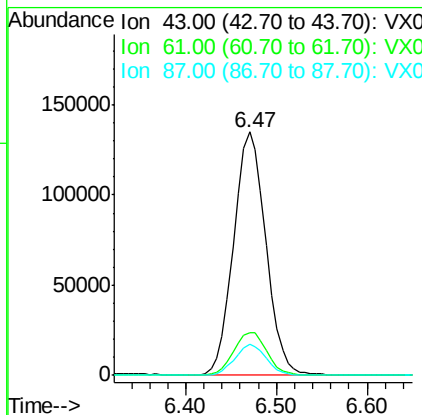
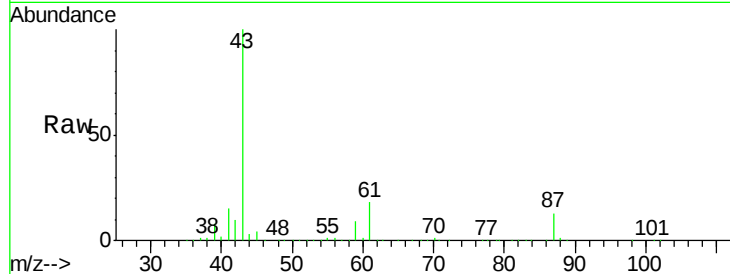
Isopropyl Acetate
 Concen: 50.19 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX002853.D
 Acq: 23 Jun 2018 01:17

Instrument :
 MSVOA_X
 ClientSampleId :
 S83-0020MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.4	21.6
87	12.5	9.5	14.3

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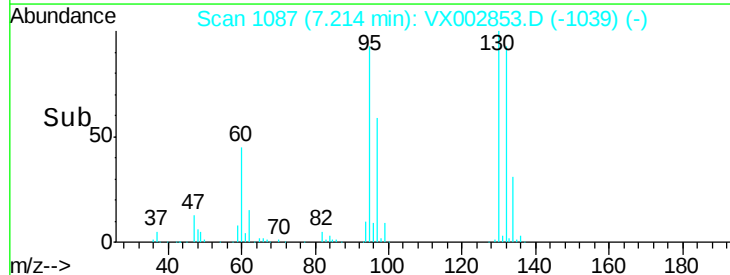
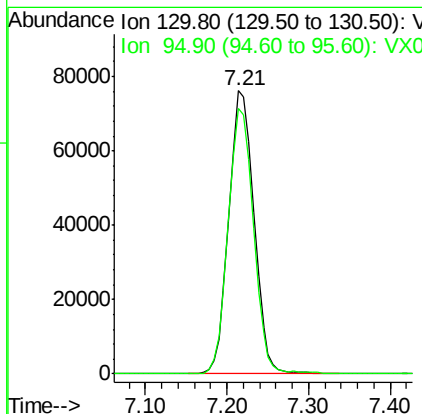
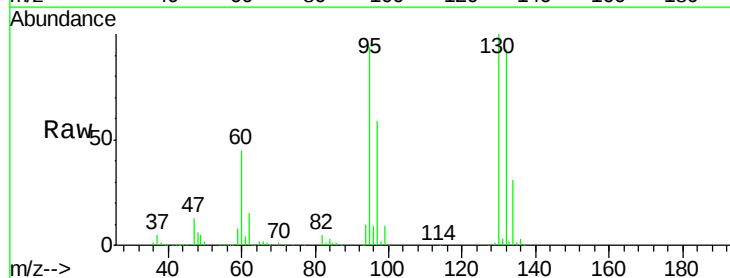
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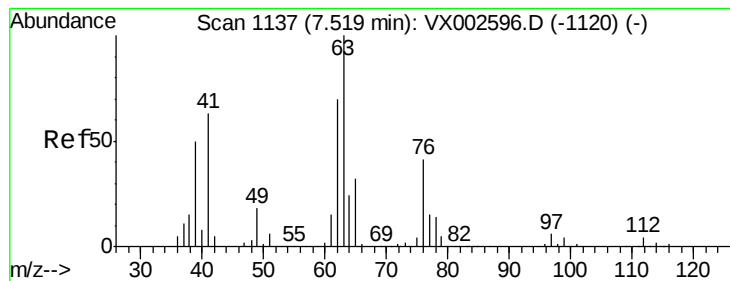


#44

Trichloroethene
 Concen: 53.43 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX002853.D
 Acq: 23 Jun 2018 01:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	185.4





#45

1,2-Dichloropropane

Concen: 52.18 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

S83-0020MSD

Tot Ion: 63 Resp: 145367

Ion Ratio Lower Upper

63 100

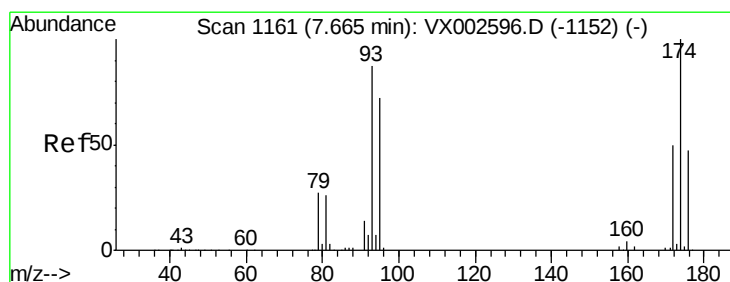
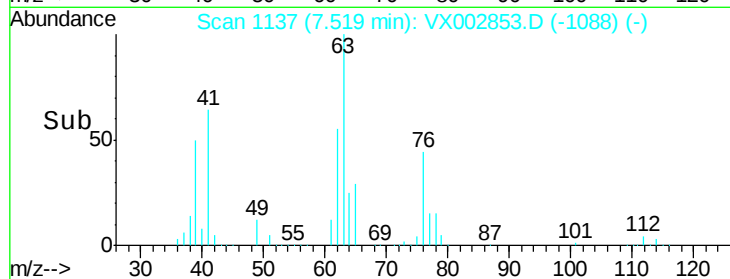
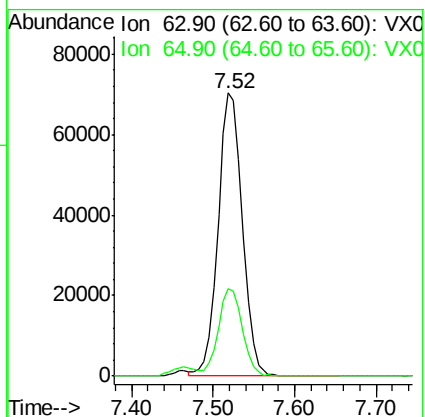
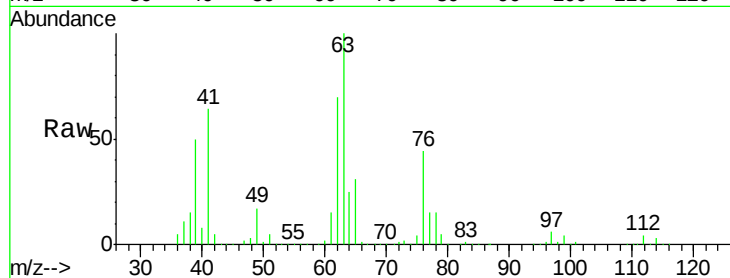
65 30.8 24.7 37.1

Manual Integrations

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#46

Dibromomethane

Concen: 55.33 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

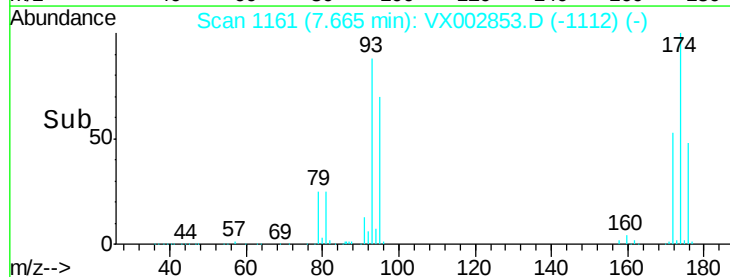
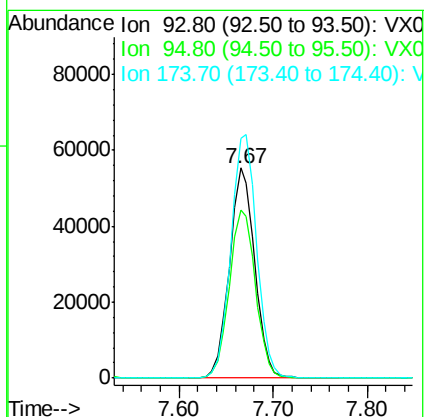
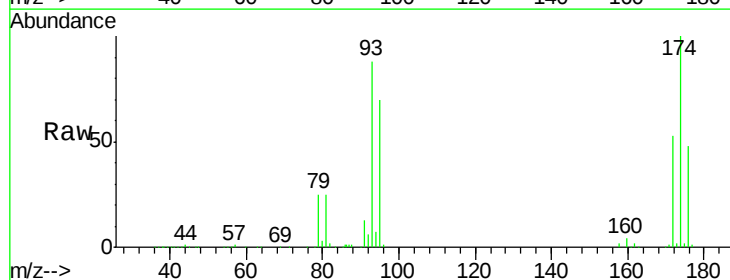
Tgt Ion: 93 Resp: 103101

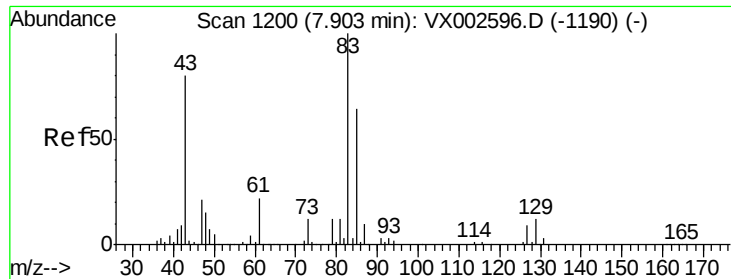
Ion Ratio Lower Upper

93 100

95 83.0 65.9 98.9

174 118.6 92.4 138.6





#47

Bromodichloromethane

Concen: 58.77 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

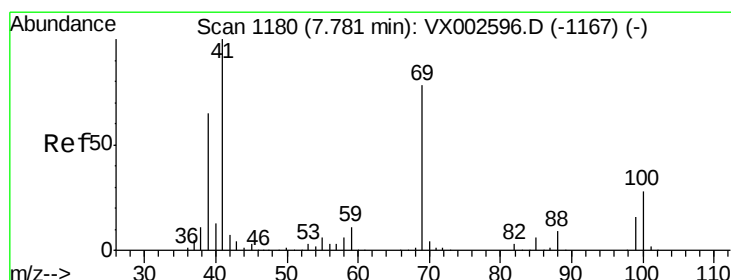
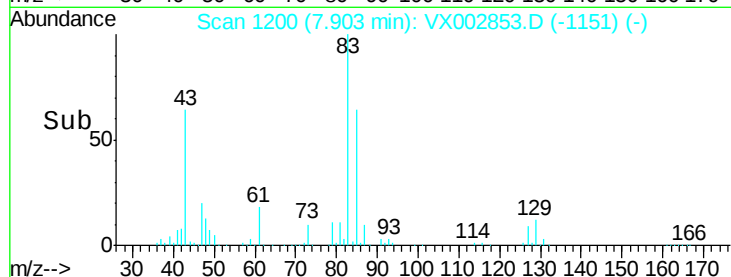
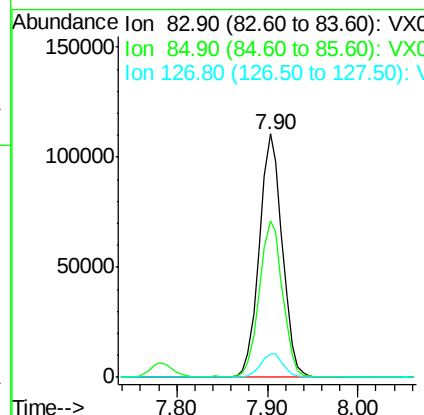
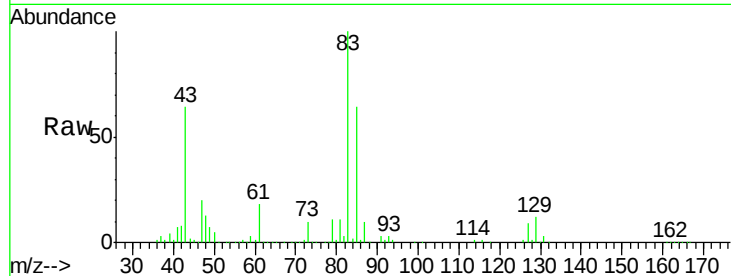
ClientSampleId :

S83-0020MSD

Tot Ion:	83	Resp:	193169
Ion Ratio	Lower	Upper	
83	100		
85	64.2	50.3	75.5
127	9.4	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 55.01 ug/l

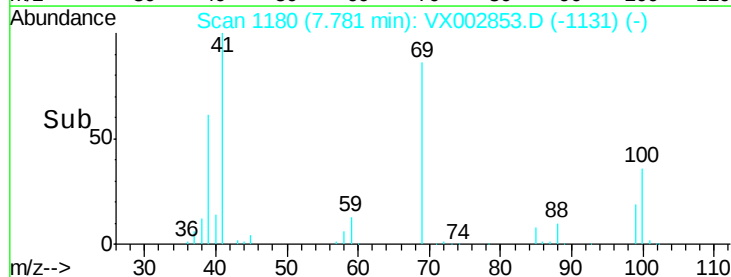
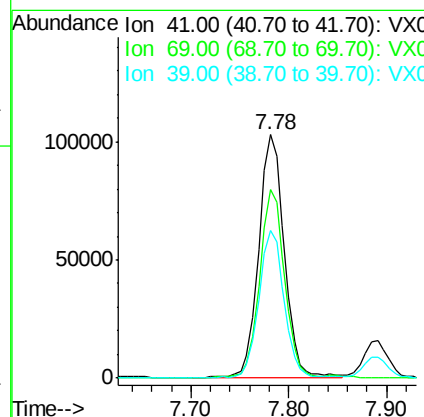
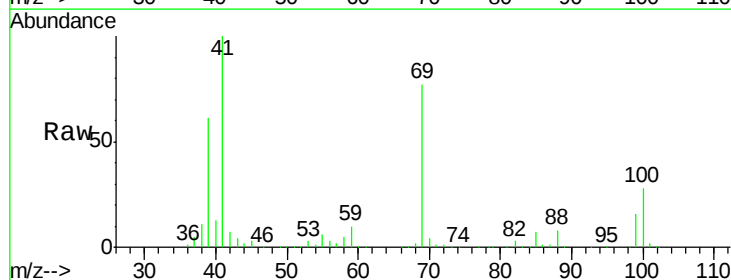
RT: 7.78 min Scan# 1180

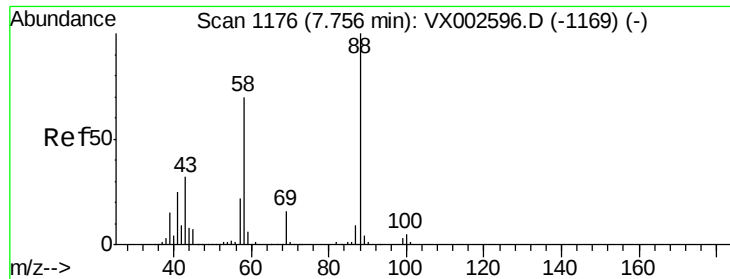
Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Tgt Ion:	41	Resp:	186096
Ion Ratio	Lower	Upper	
41	100		
69	76.2	59.1	88.7
39	60.3	48.9	73.3





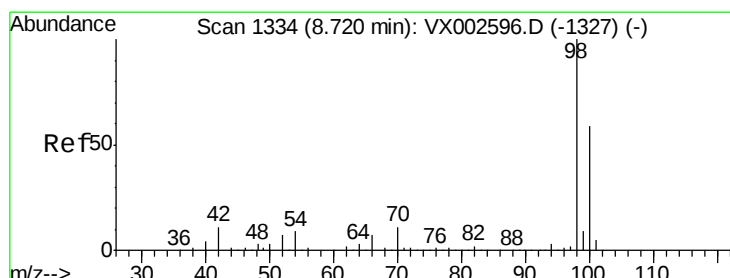
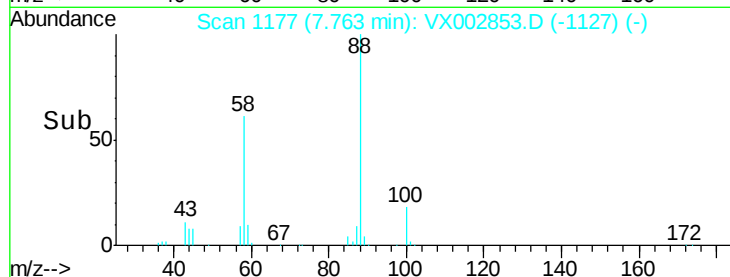
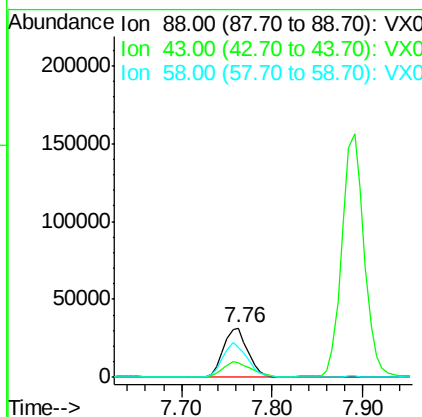
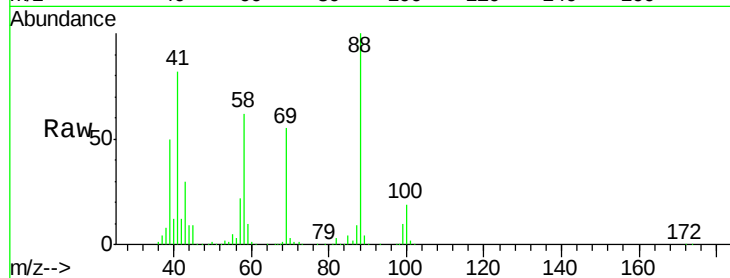
#49
1,4-Dioxane
Concen: 940.18 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Instrument :
MSVOA_X
ClientSampleId :
S83-0020MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.8	29.8	44.6
58	70.4	57.1	85.7

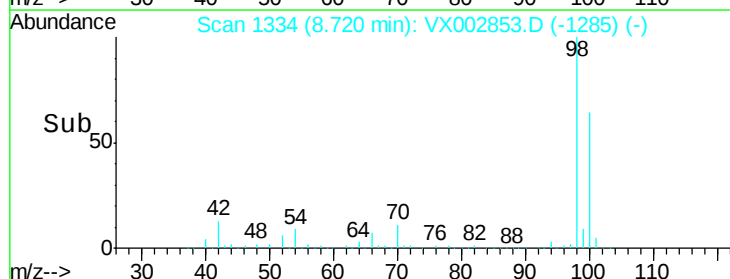
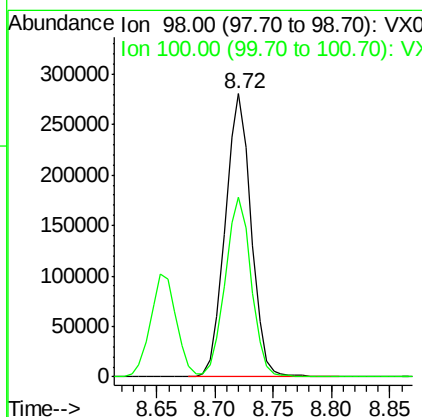
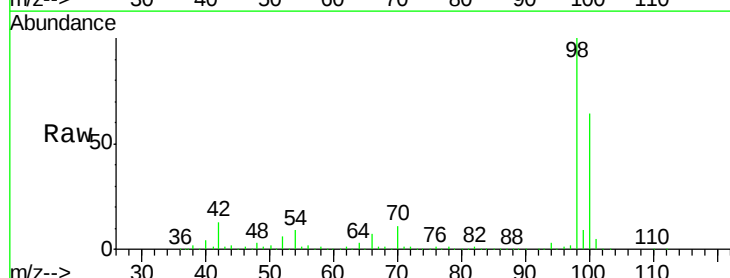
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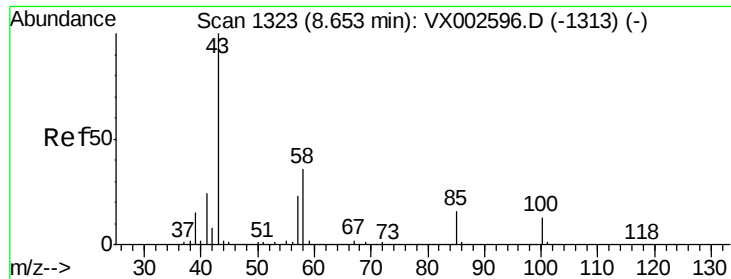
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#50
Toluene-d8
Concen: 42.84 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.9	76.3





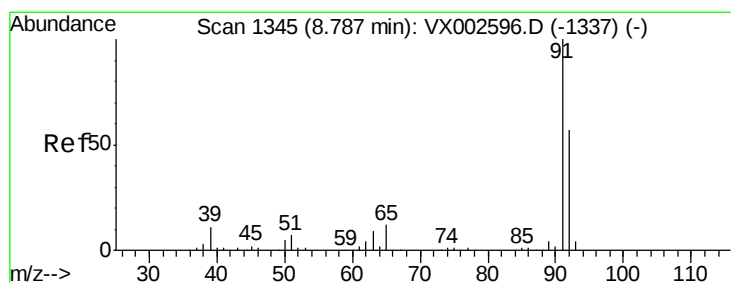
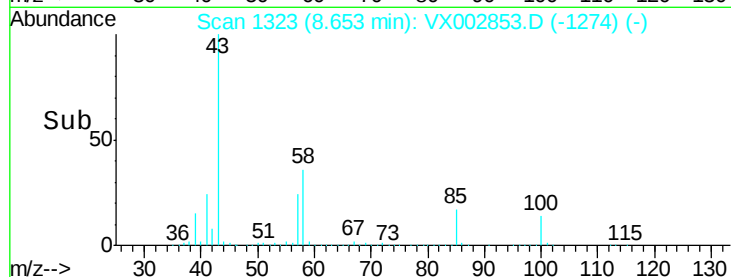
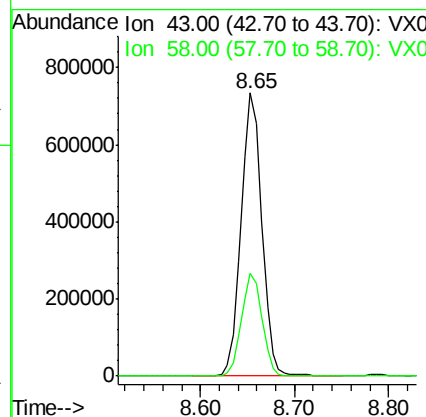
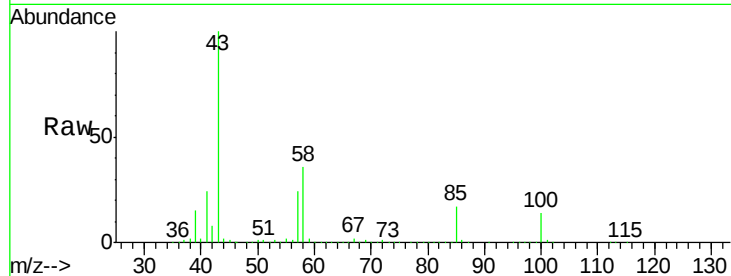
#51
4-Methyl-2-Pentanone
Concen: 263.89 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Instrument :
MSVOA_X
ClientSampleId :
S83-0020MSD

Tot Ion: 43 Resp: 1121633
Ion Ratio Lower Upper
43 100
58 36.2 28.6 42.8

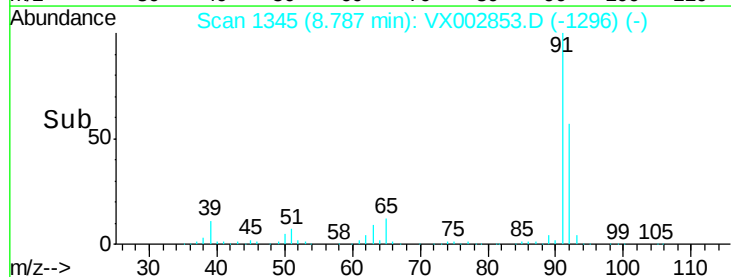
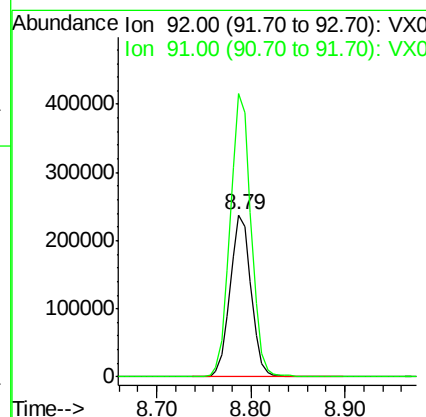
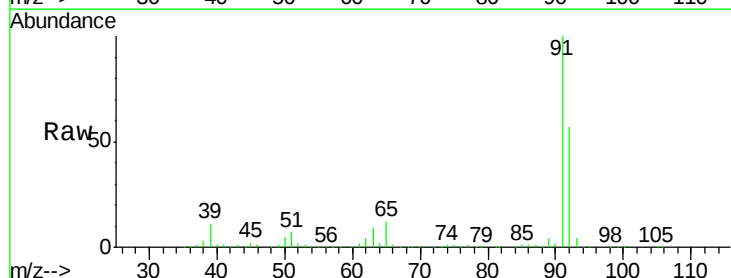
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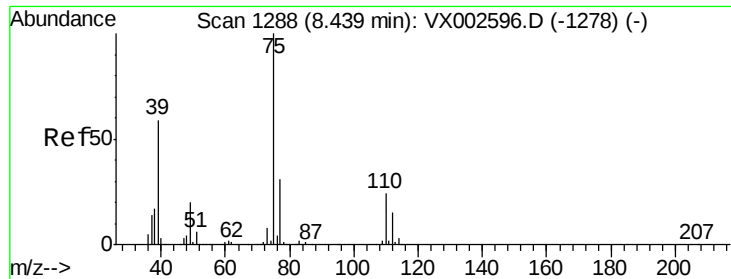
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#52
Toluene
Concen: 54.32 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Tgt Ion: 92 Resp: 366744
Ion Ratio Lower Upper
92 100
91 174.7 140.4 210.6





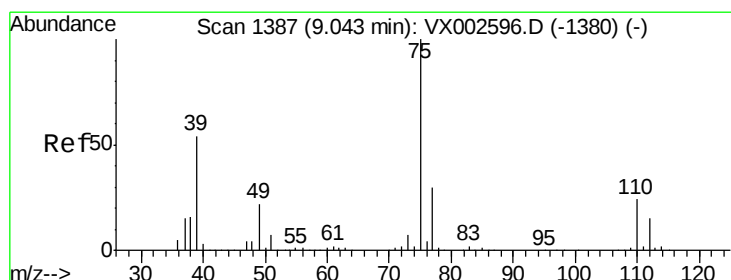
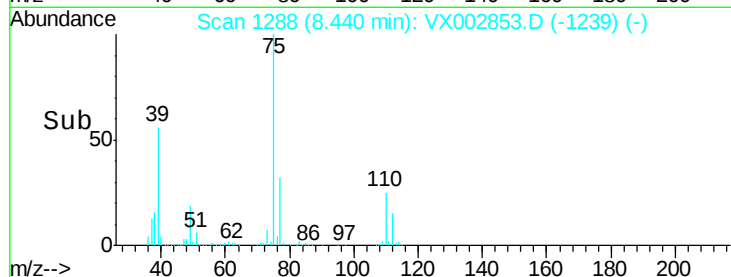
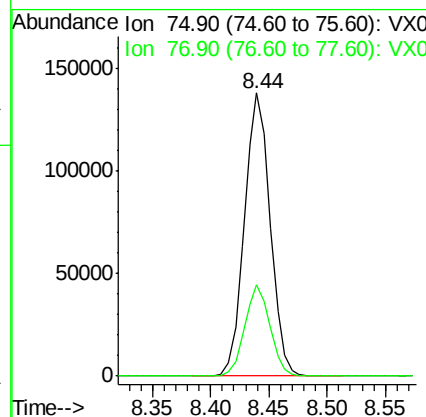
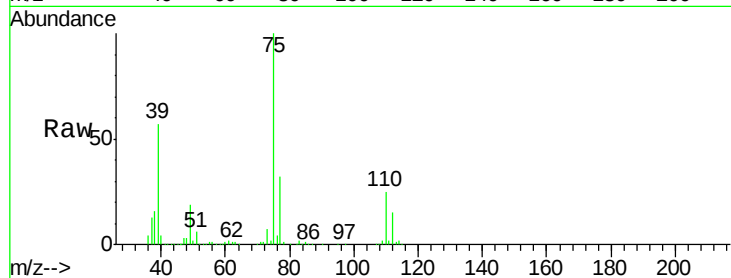
#53
t-1,3-Dichloropropene
Concen: 49.06 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Instrument :
MSVOA_X
ClientSampleId :
S83-0020MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.4	38.2

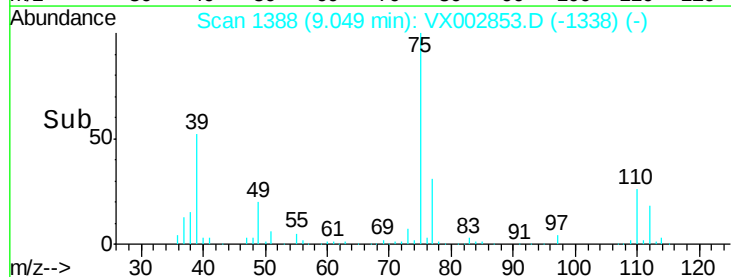
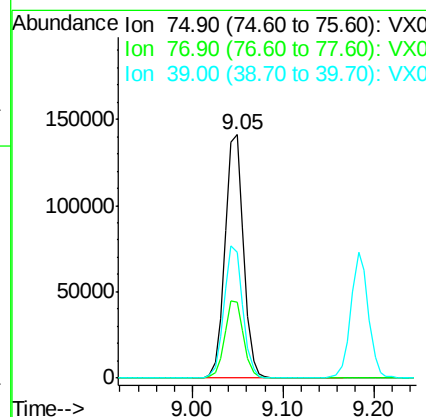
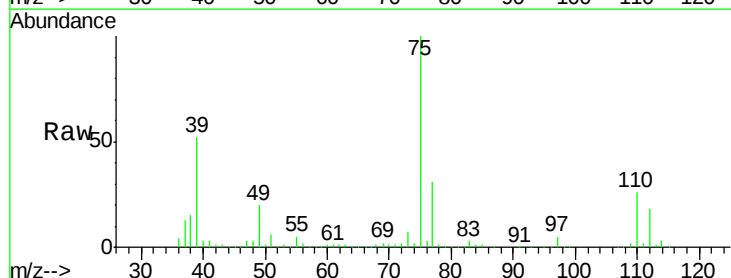
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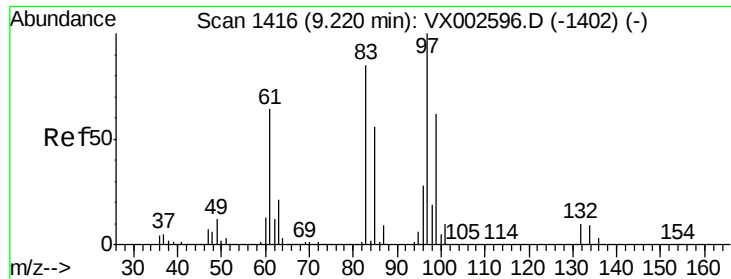
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#54
cis-1,3-Dichloropropene
Concen: 48.49 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.8	37.2
39	51.7	42.4	63.6





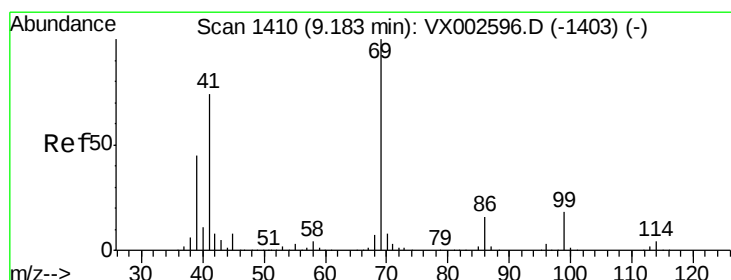
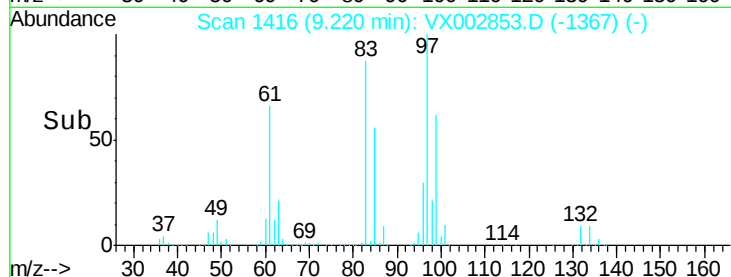
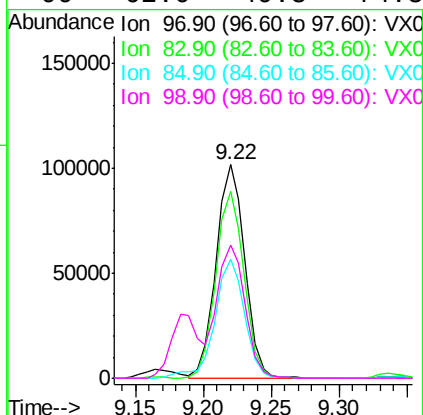
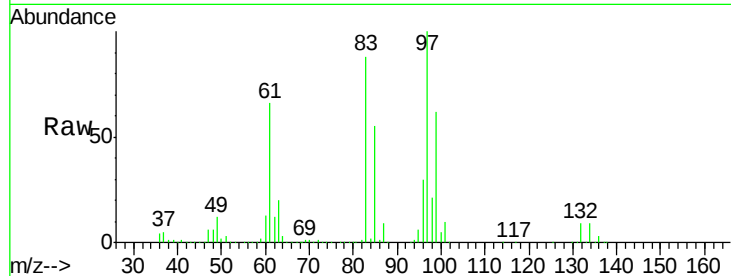
#55
 1,1,2-Trichloroethane
 Concen: 54.46 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002853.D
 Acq: 23 Jun 2018 01:17

Instrument :
 MSVOA_X
 ClientSampleId :
 S83-0020MSD

Tot Ion:	97	Resp:	148581
Ion	Ratio	Lower	Upper
97	100		
83	87.4	70.2	105.2
85	55.4	44.9	67.3
99	62.0	49.8	74.8

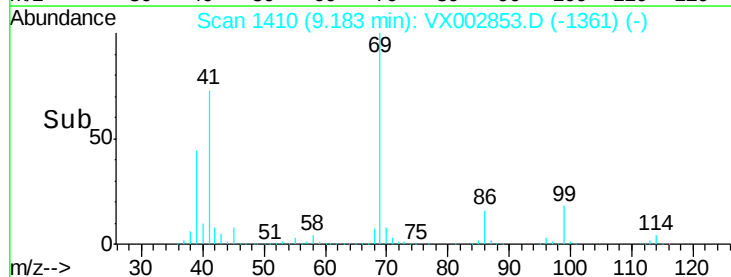
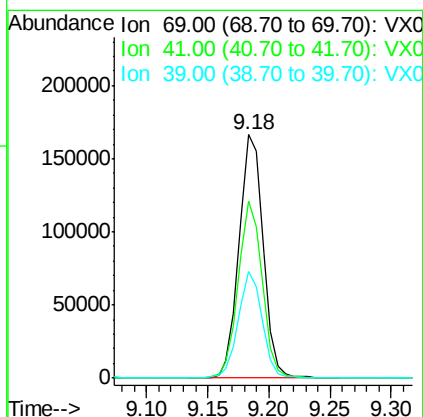
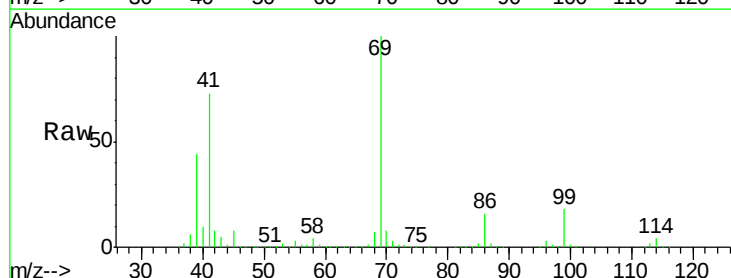
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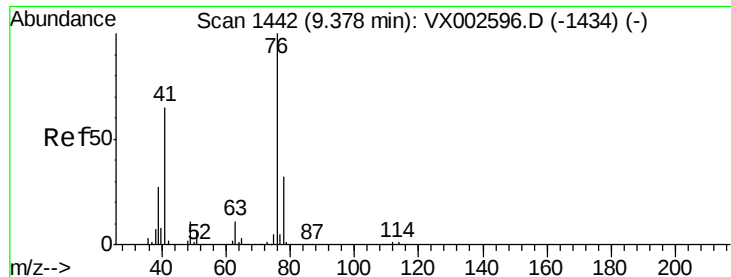
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#56
 Ethyl methacrylate
 Concen: 54.07 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002853.D
 Acq: 23 Jun 2018 01:17

Tgt Ion:	69	Resp:	227017
Ion	Ratio	Lower	Upper
69	100		
41	71.8	60.3	90.5
39	42.7	35.8	53.8





#57

1,3-Dichloropropane

Concen: 53.07 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

S83-0020MSD

Tot Ion: 76 Resp: 244895

Ion Ratio Lower Upper

76 100

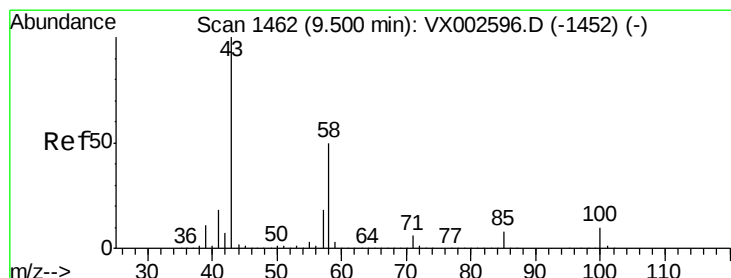
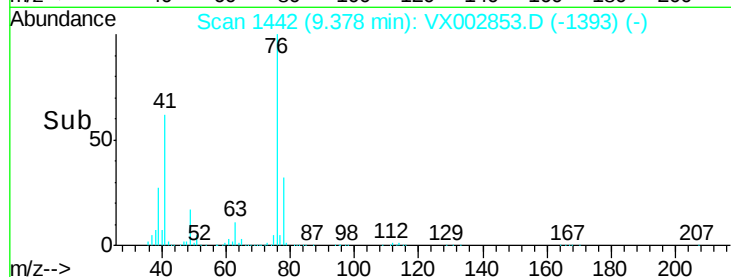
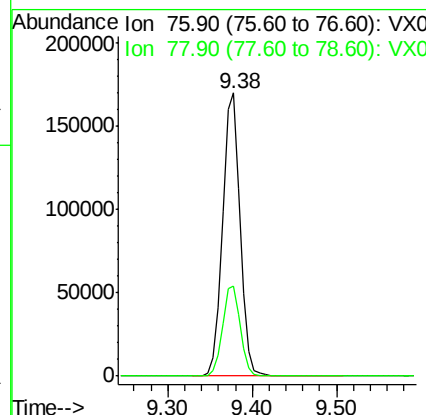
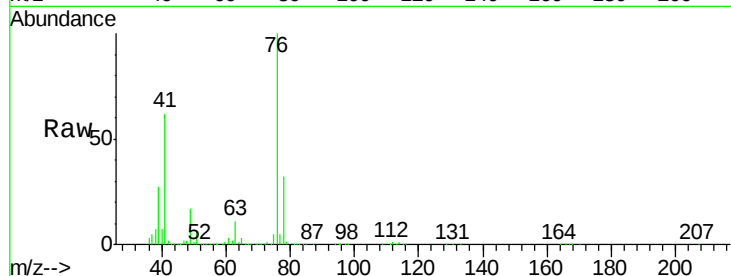
78 32.4 25.8 38.6

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#59

2-Hexanone

Concen: 266.16 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. 0.00 min

Lab File: VX002853.D

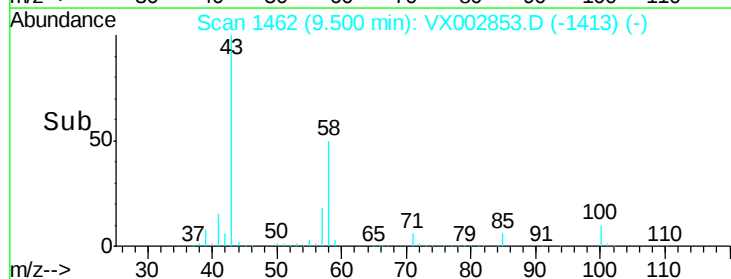
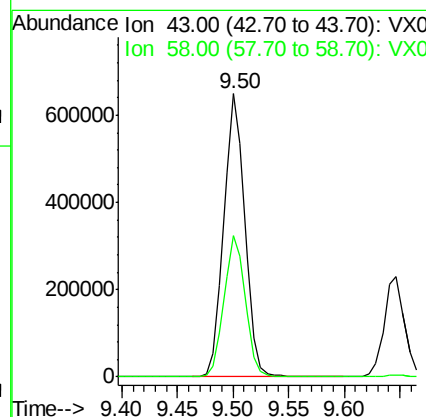
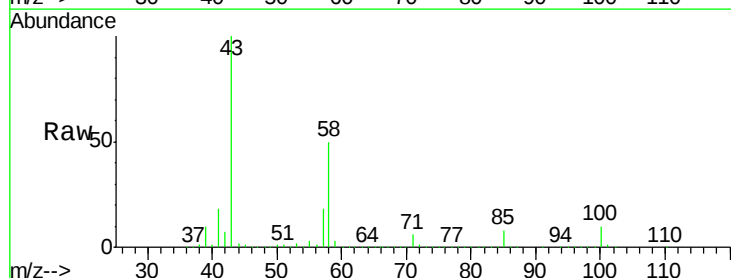
Acq: 23 Jun 2018 01:17

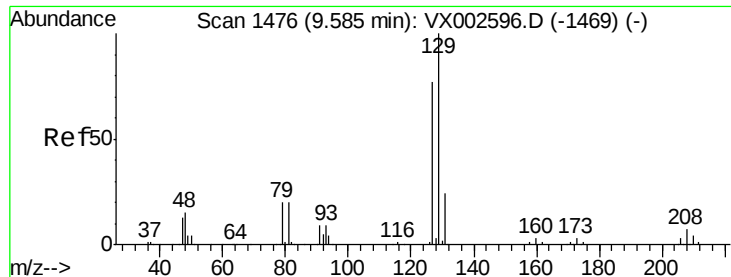
Tgt Ion: 43 Resp: 852454

Ion Ratio Lower Upper

43 100

58 50.3 24.6 73.6





#60

Dibromochloromethane

Concen: 51.78 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

S83-0020MSD

Tot Ion:129 Resp: 159348

Ion Ratio Lower Upper

129 100

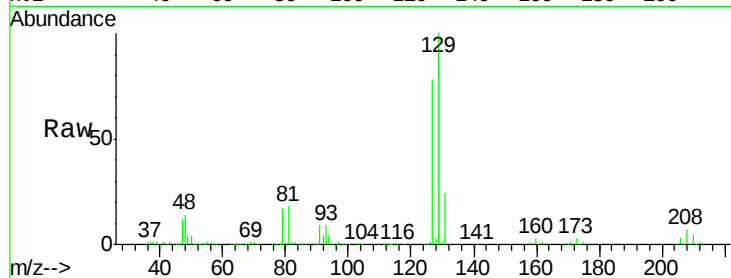
127 76.9 38.5 115.3

Manual Integrations

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.59

120000

100000

80000

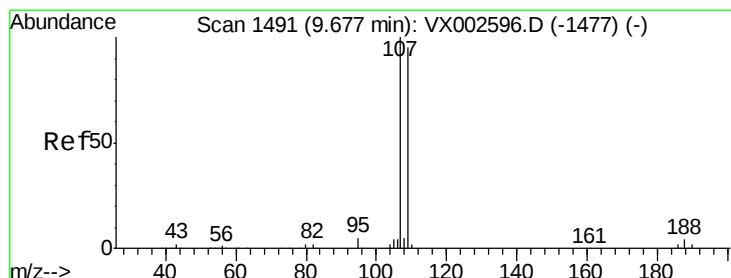
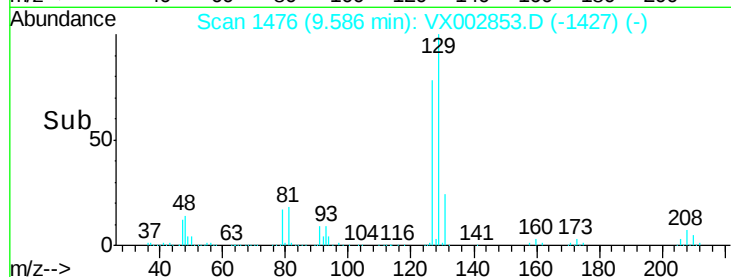
60000

40000

20000

0

Time--> 9.50 9.55 9.60 9.65 9.70



#61

1,2-Dibromoethane

Concen: 55.69 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002853.D

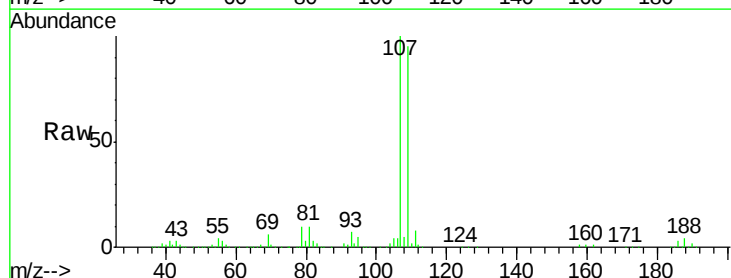
Acq: 23 Jun 2018 01:17

Tgt Ion:107 Resp: 157357

Ion Ratio Lower Upper

107 100

109 95.1 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

120000

100000

80000

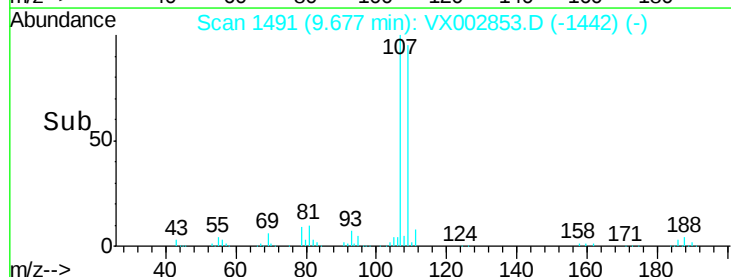
60000

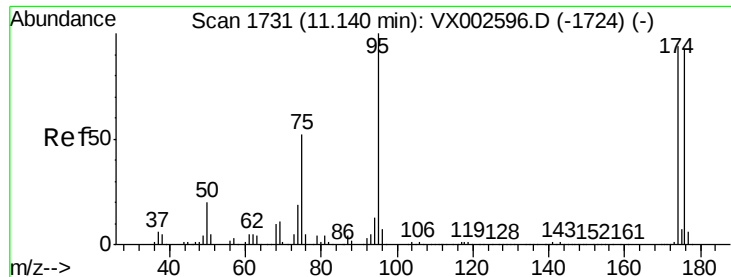
40000

20000

0

Time--> 9.60 9.70 9.80





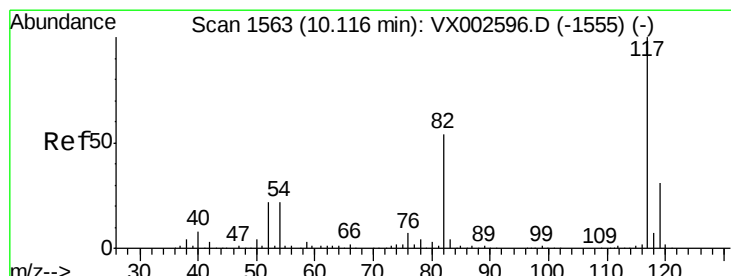
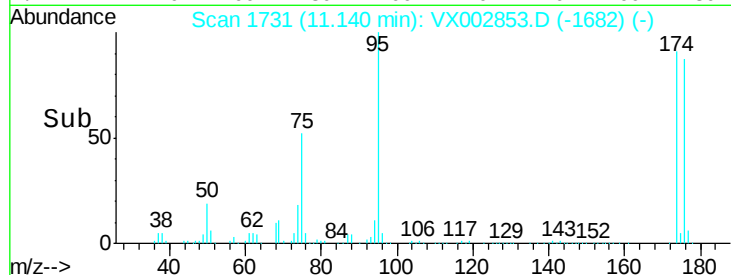
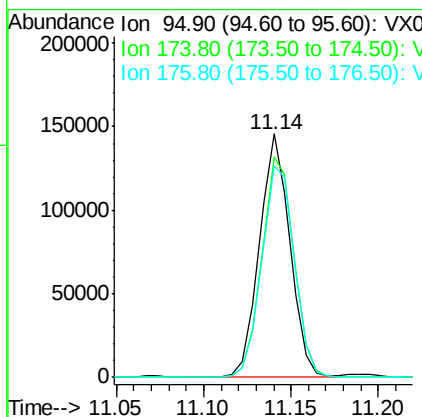
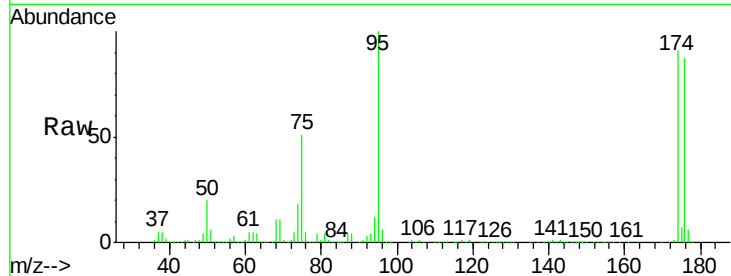
#62
4-Bromofluorobenzene
Concen: 46.24 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Instrument :
MSVOA_X
ClientSampleId :
S83-0020MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	176493		
174	95.1	0.0	187.4	
176	92.4	0.0	181.0	

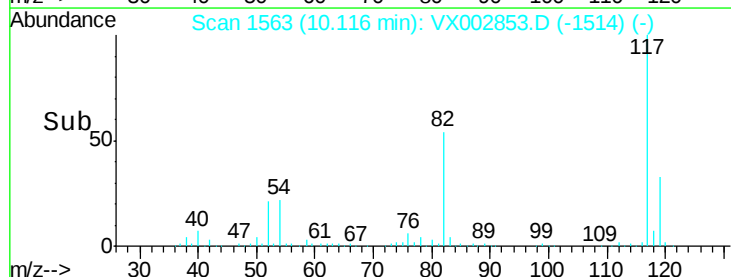
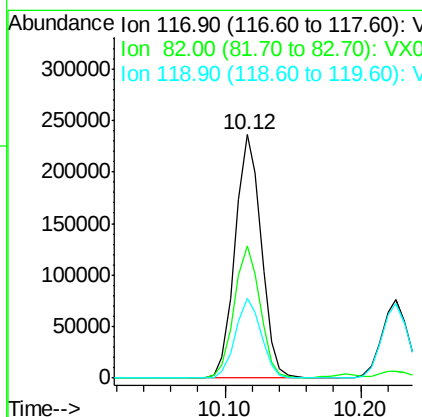
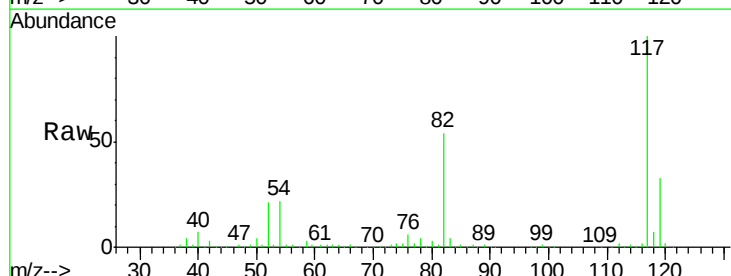
Manual Integrations
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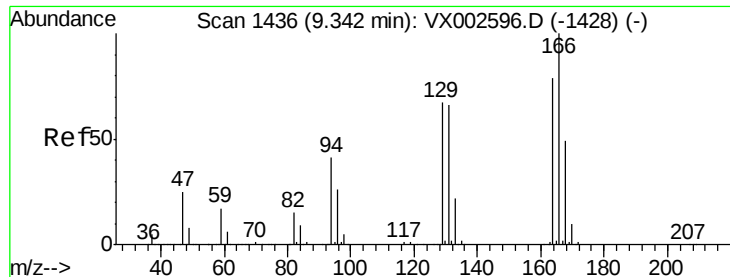
MMDadoda
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	316051		
82	54.2	45.0	67.4	
119	32.5	25.8	38.6	





#64

Tetrachloroethene

Concen: 46.68 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

S83-0020MSD

Tot Ion:164 Resp: 163779

Ion Ratio Lower Upper

164 100

166 130.8 102.9 154.3

129 87.3 68.6 102.8

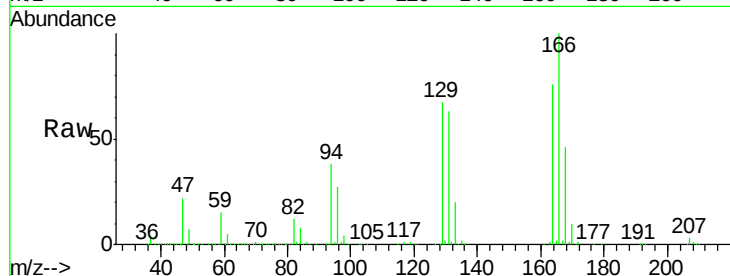
131 82.5 66.8 100.2

Manual Integrations

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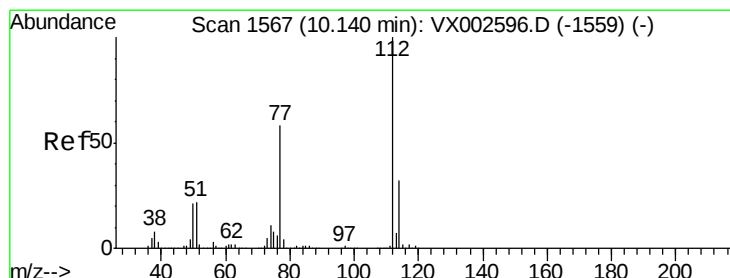
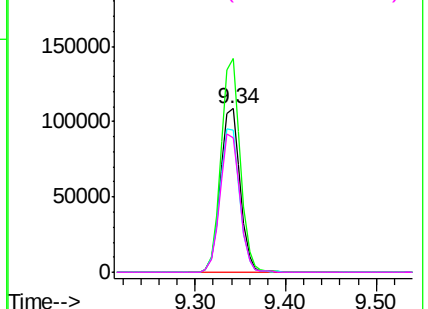
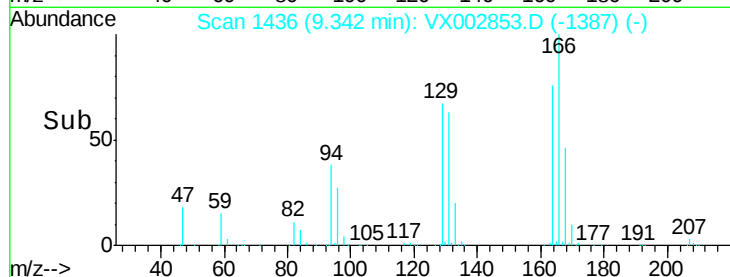


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 55.41 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX002853.D

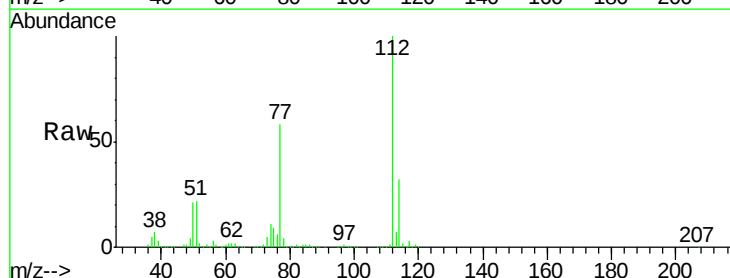
Acq: 23 Jun 2018 01:17

Tgt Ion:112 Resp: 430094

Ion Ratio Lower Upper

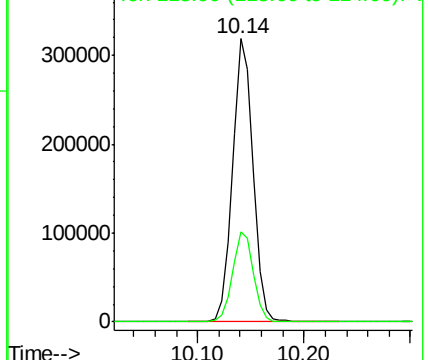
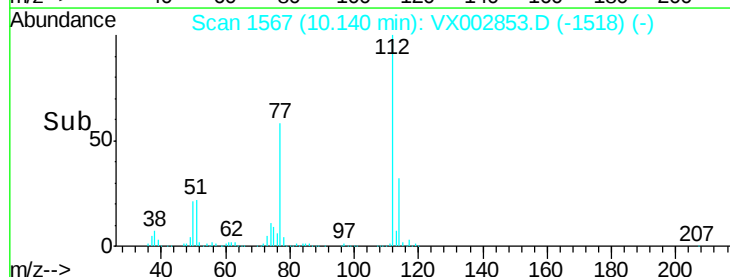
112 100

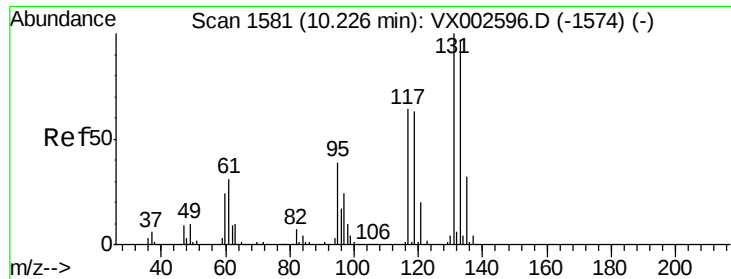
114 32.1 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





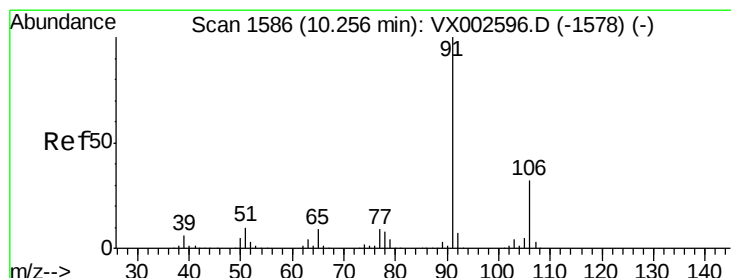
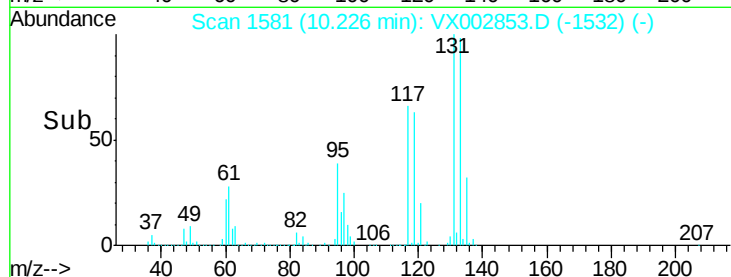
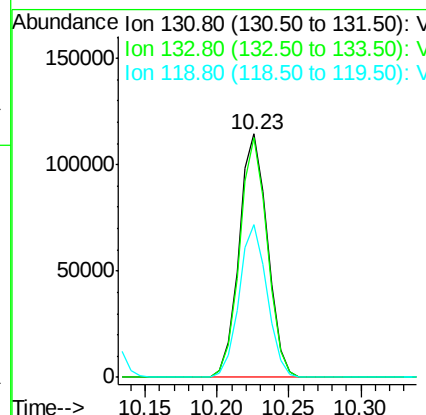
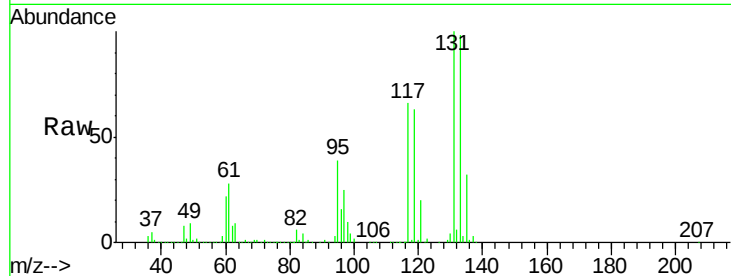
#66
 1,1,1,2-Tetrachloroethane
 Concen: 59.32 ug/l
 RT: 10.23 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: VX002853.D
 Acq: 23 Jun 2018 01:17

Instrument :
 MSVOA_X
 ClientSampleId :
 S83-0020MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.1	47.9	143.6
119	61.9	31.8	95.3

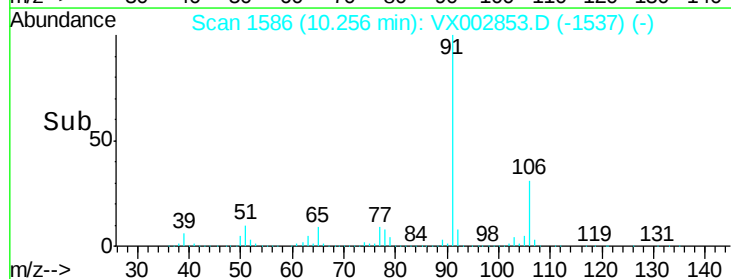
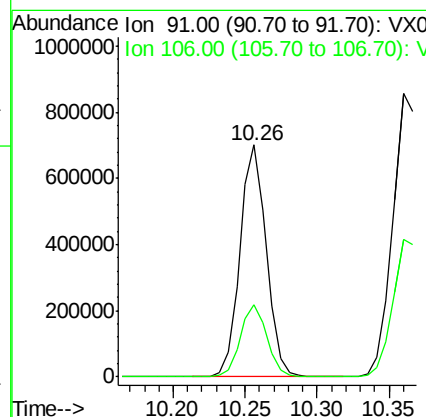
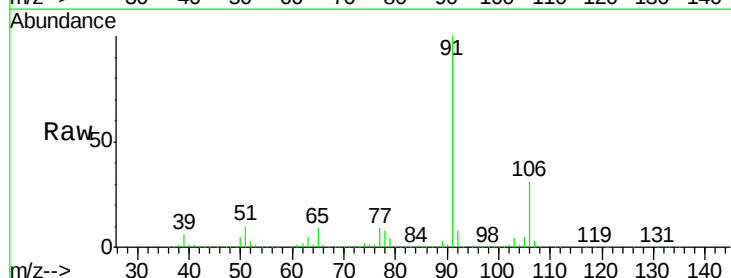
Manual Integrations
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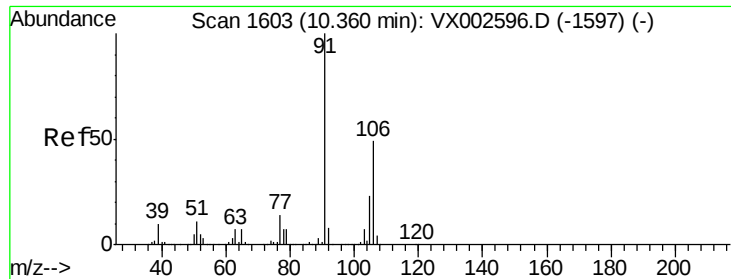
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#67
 Ethyl Benzene
 Concen: 68.23 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VX002853.D
 Acq: 23 Jun 2018 01:17

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.2	25.5	38.3





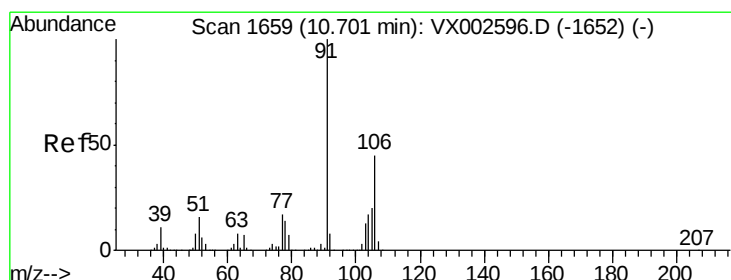
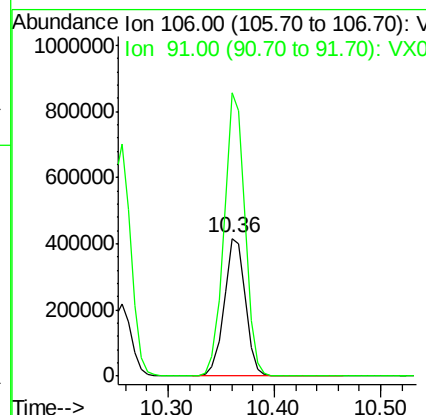
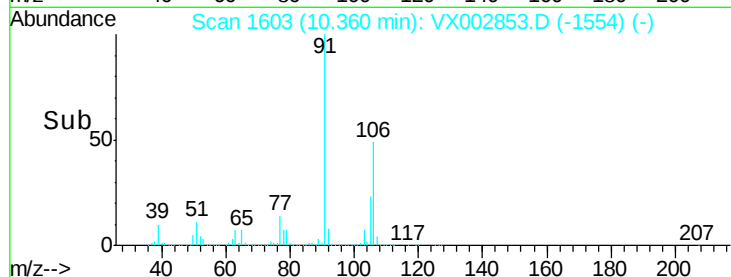
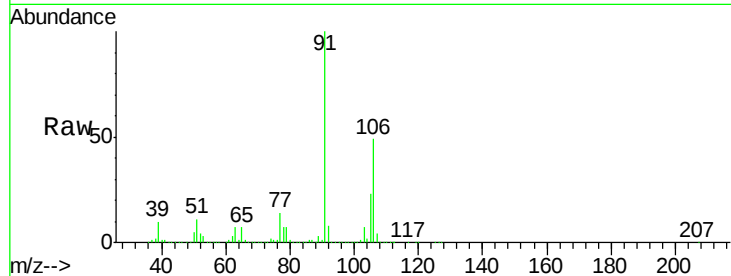
#68
m/p-Xvlenes
Concen: 114.05 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Instrument :
MSVOA_X
ClientSampleId :
S83-0020MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	203.3	163.4	245.2		

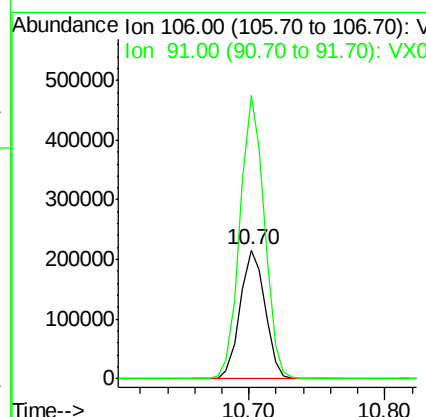
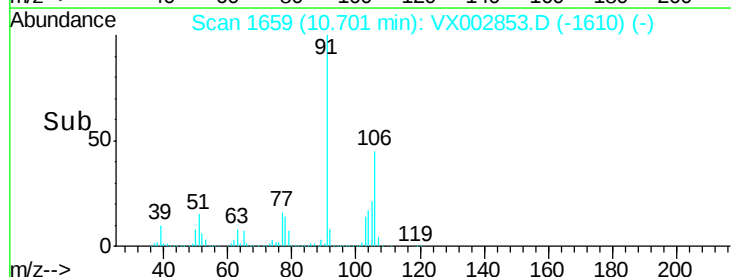
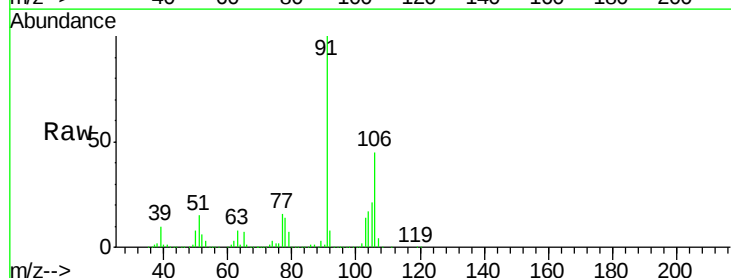
Manual Integrations
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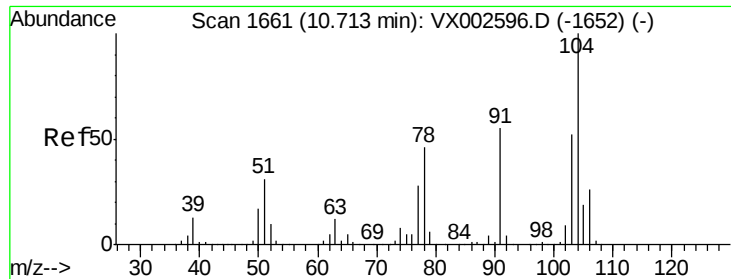
MMDadoda
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#69
o-Xylene
Concen: 55.65 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	215.5	108.2	324.6		





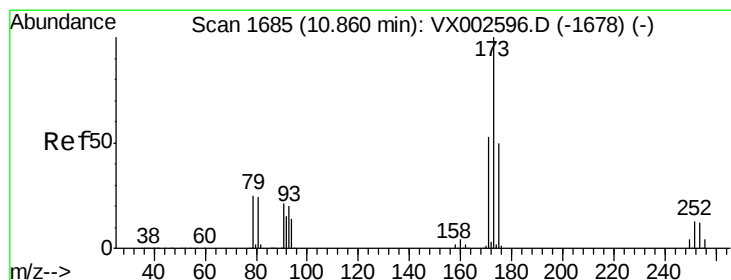
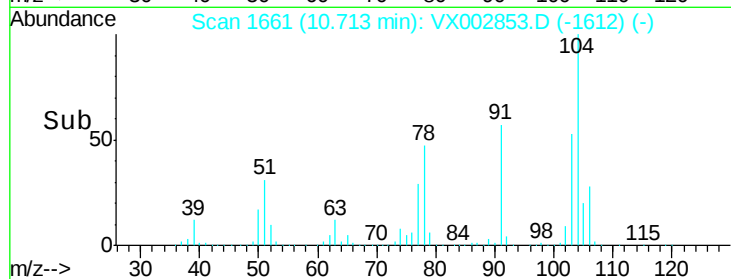
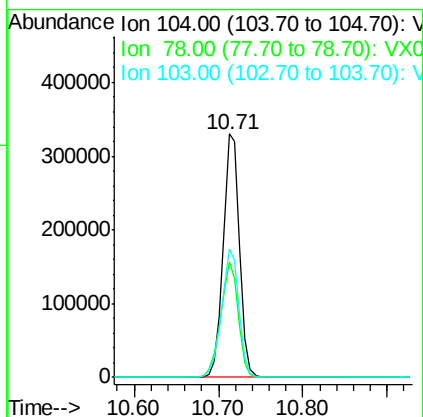
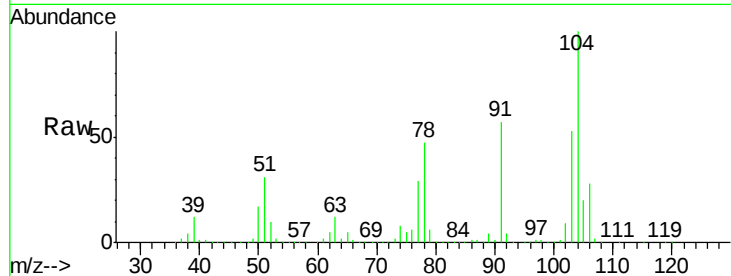
#70
Stvrene
Concen: 54.30 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Instrument :
MSVOA_X
ClientSampleId :
S83-0020MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.2	41.0	61.6
103	55.9	44.2	66.4

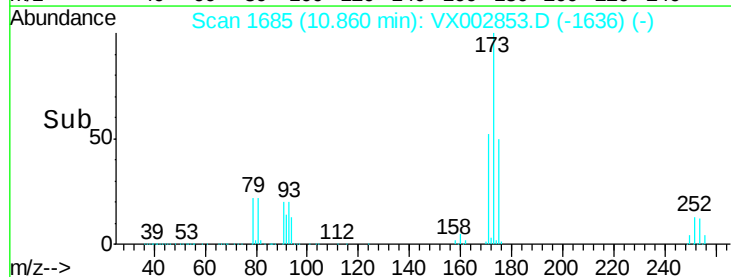
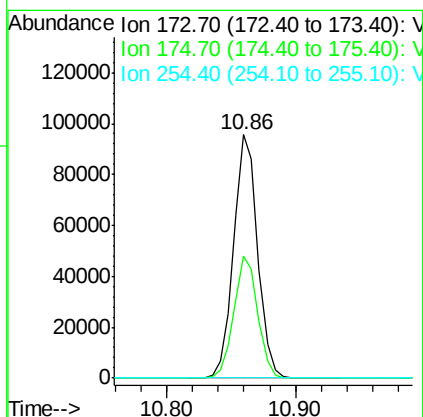
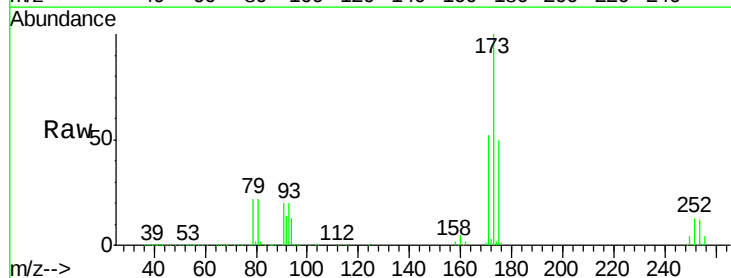
Manual Integrations
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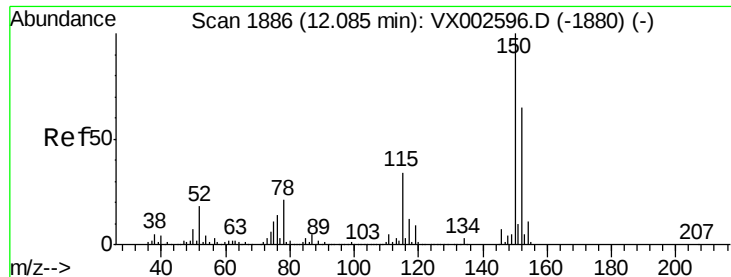
MMDadoda
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#71
Bromoform
Concen: 51.32 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.7	74.1
254	0.2	0.2	0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

S83-0020MSD

Tot Ion:152 Resp: 200079

Ion Ratio Lower Upper

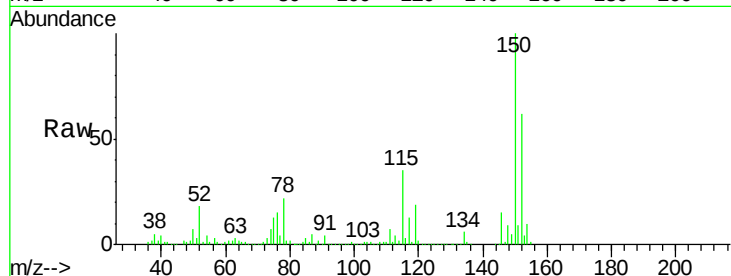
152 100

115 81.3 40.1 120.2

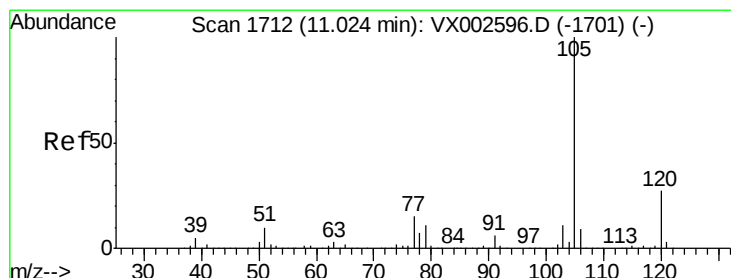
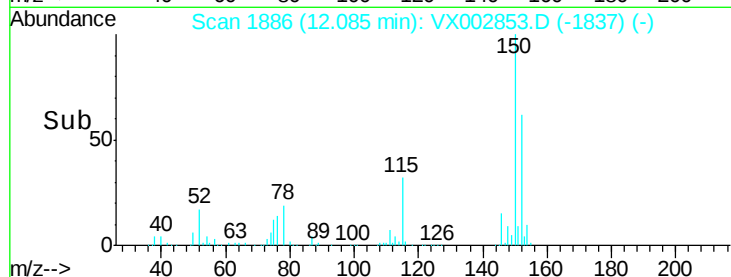
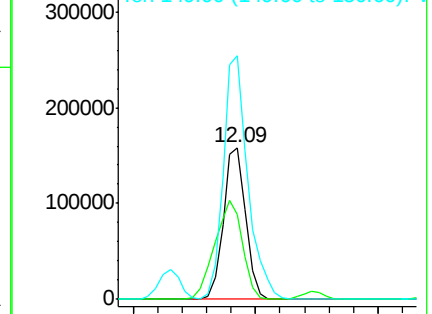
150 177.4 0.0 347.2

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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: 56.39 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002853.D

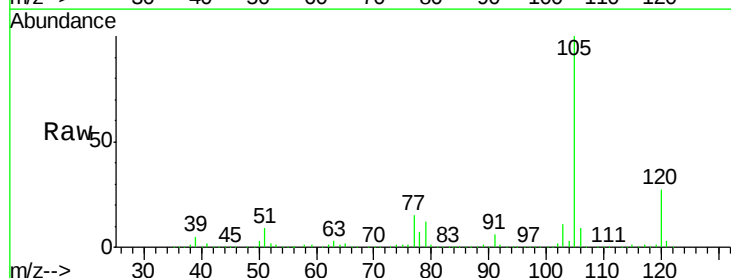
Acq: 23 Jun 2018 01:17

Tgt Ion:105 Resp: 754567

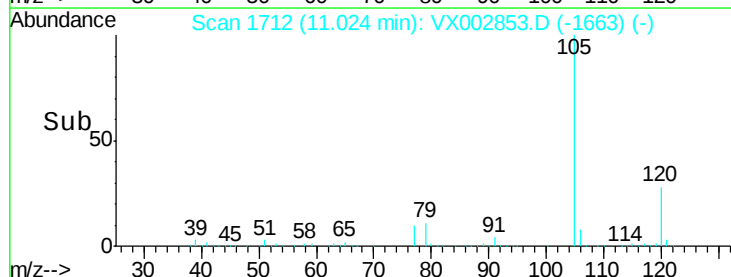
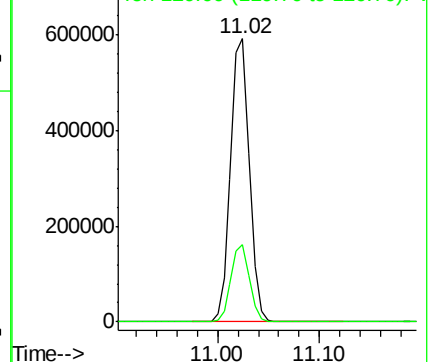
Ion Ratio Lower Upper

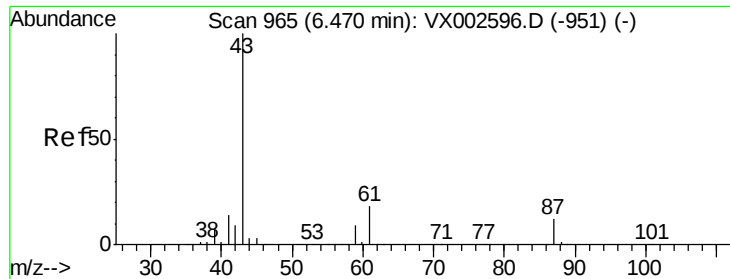
105 100

120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 49.97 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

S83-0020MSD

Tot Ion: 43 Resp: 332213

Ion Ratio Lower Upper

43 100

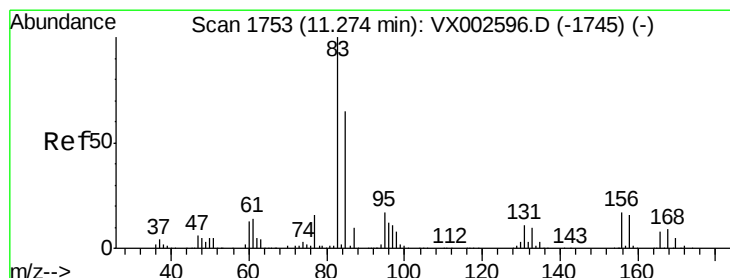
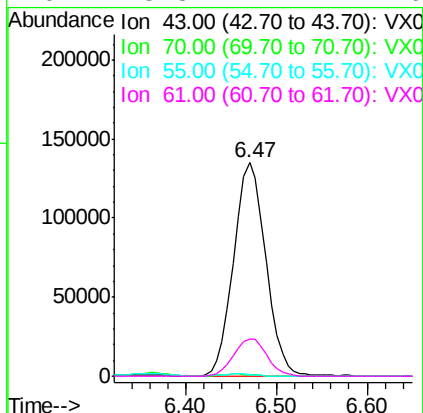
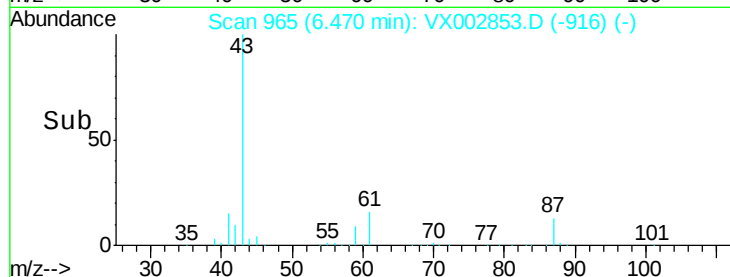
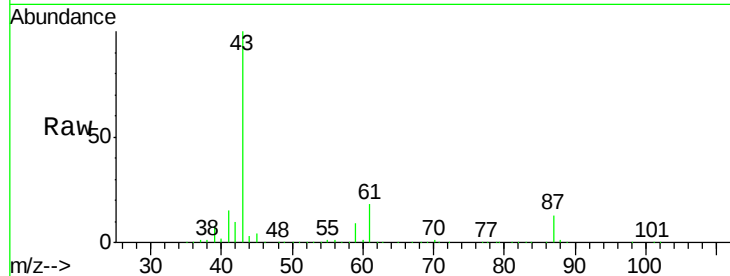
70 1.1 0.0 0.0#

55 1.2 0.0 0.0#

61 18.3 14.4 21.6

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 58.37 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

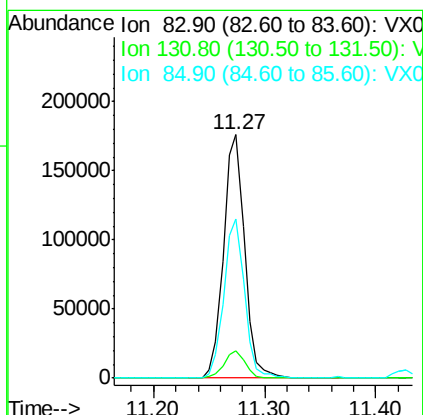
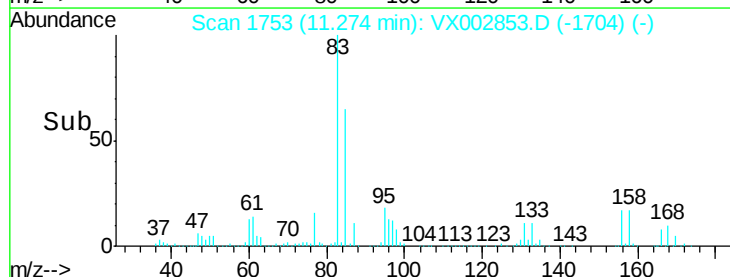
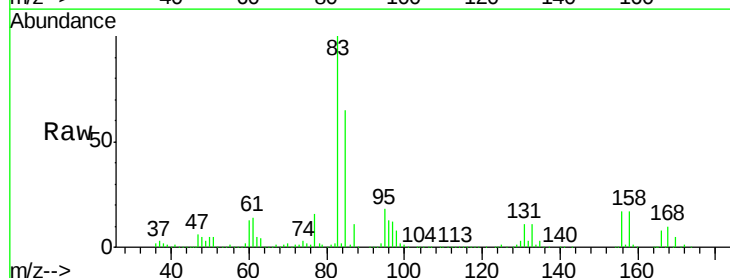
Tgt Ion: 83 Resp: 230644

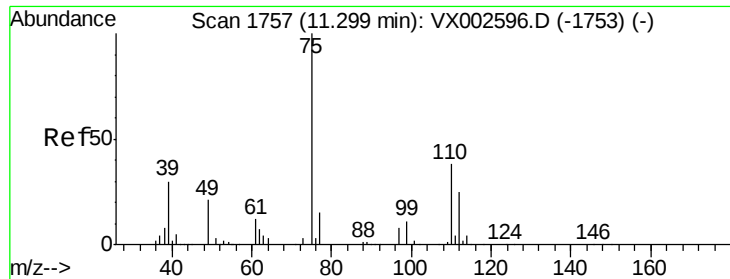
Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

85 64.6 32.4 97.2





#76

1,2,3-Trichloropropane

Concen: 57.58 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampled :

S83-0020MSD

Tot Ion: 75 Resp: 217386

Ion Ratio Lower Upper

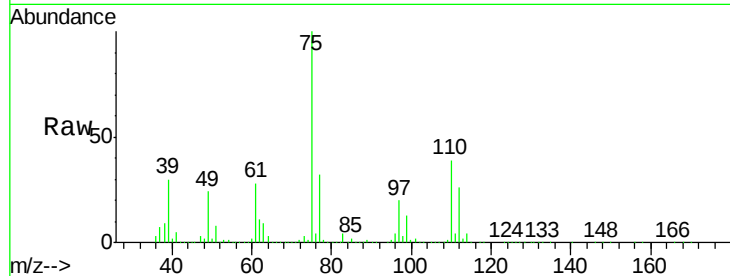
75 100

77 36.5 22.8 68.3

Manual Integrations
APPROVED

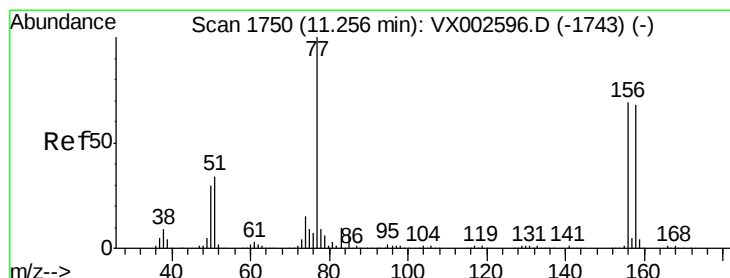
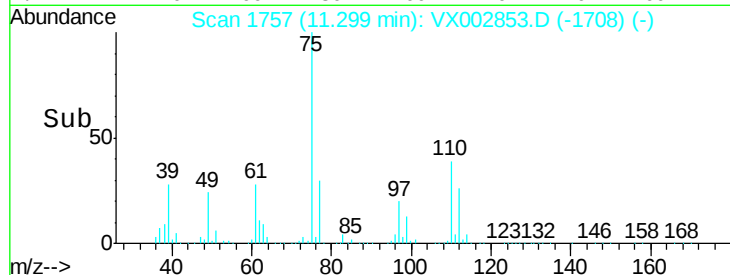
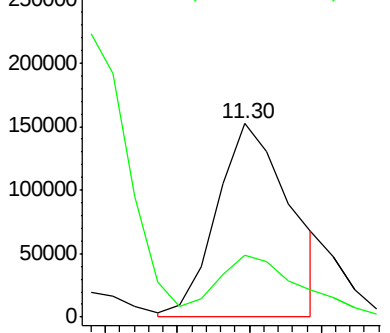
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 55.31 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

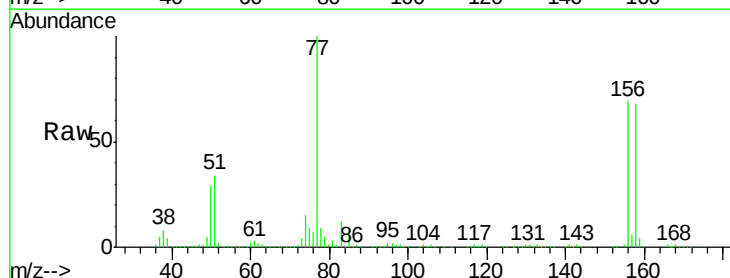
Tgt Ion: 156 Resp: 206180

Ion Ratio Lower Upper

156 100

77 136.9 71.4 214.2

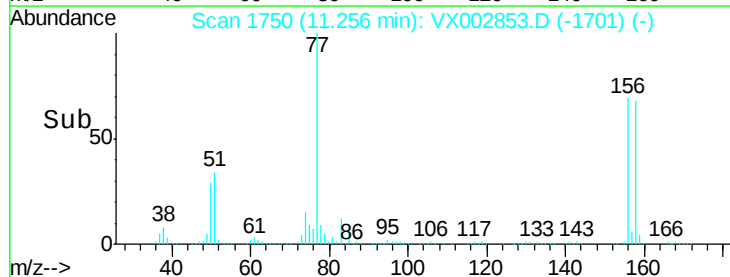
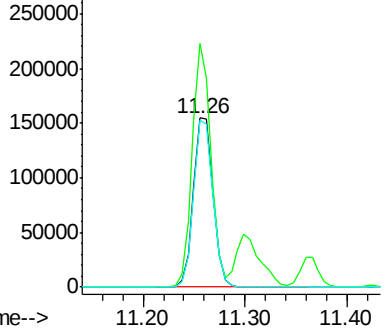
158 97.1 48.9 146.6

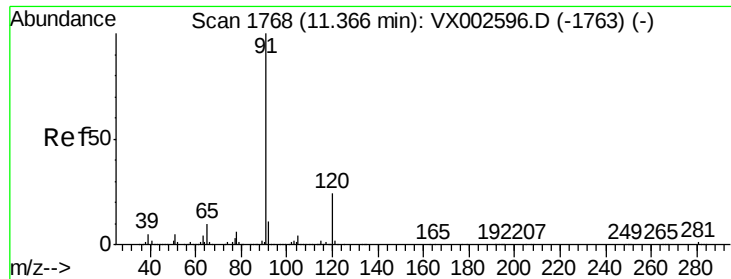


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





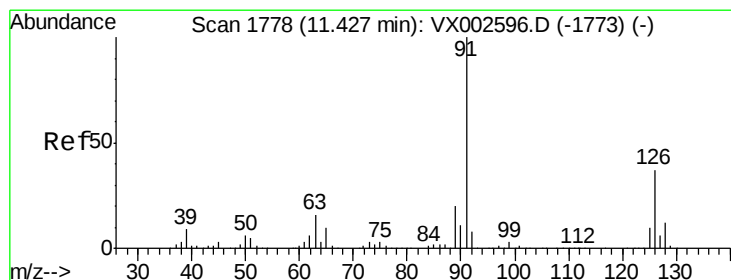
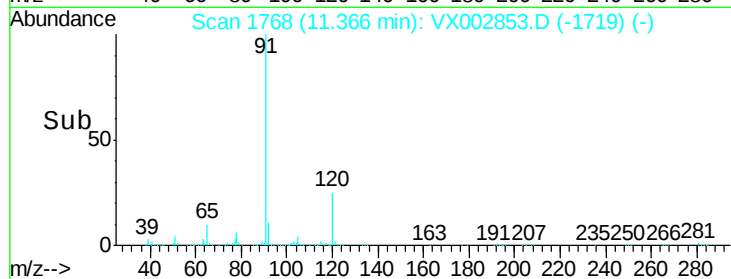
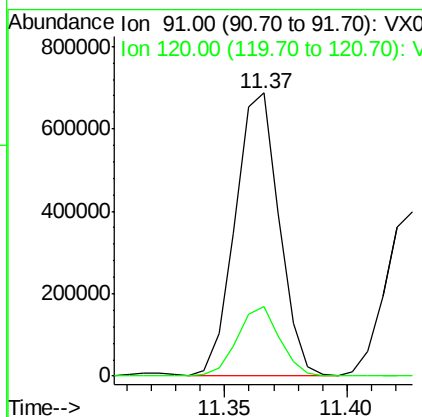
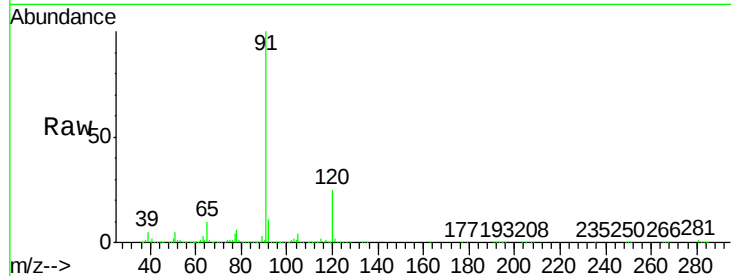
#78
n-propylbenzene
Concen: 55.75 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Instrument :
MSVOA_X
ClientSampleId :
S83-0020MSD

Tot Ion: 91 Resp: 855629
Ion Ratio Lower Upper
91 100
120 23.9 11.8 35.4

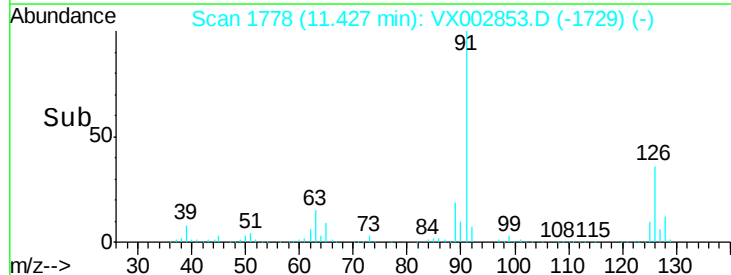
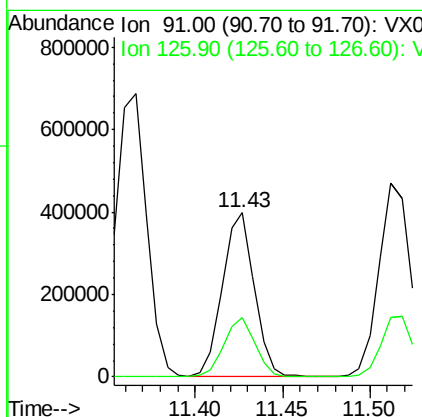
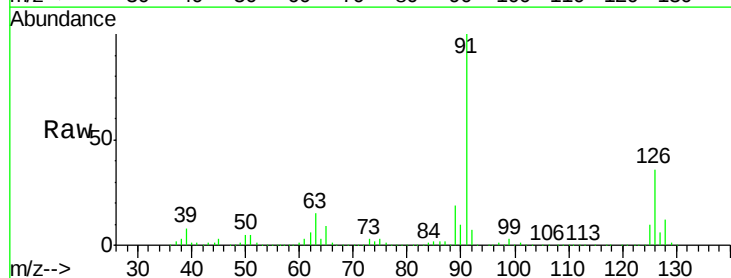
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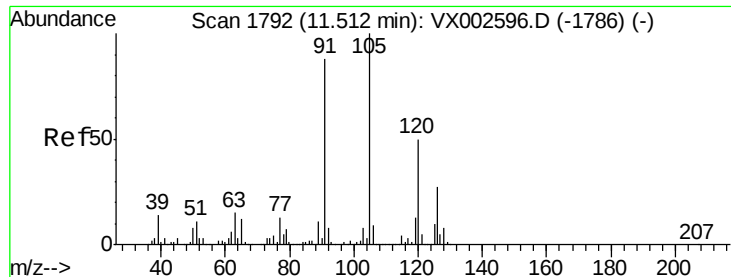
MMDadoda
6/25/2018 6:56:09 PM



#79
2-Chlorotoluene
Concen: 54.59 ug/l
RT: 11.43 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VX002853.D
Acq: 23 Jun 2018 01:17

Tgt Ion: 91 Resp: 500231
Ion Ratio Lower Upper
91 100
126 35.6 17.7 53.1





#80

1,3,5-Trimethylbenzene

Concen: 55.01 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampleId :

S83-0020MSD

Tot Ion:105 Resp: 622114

Ion Ratio Lower Upper

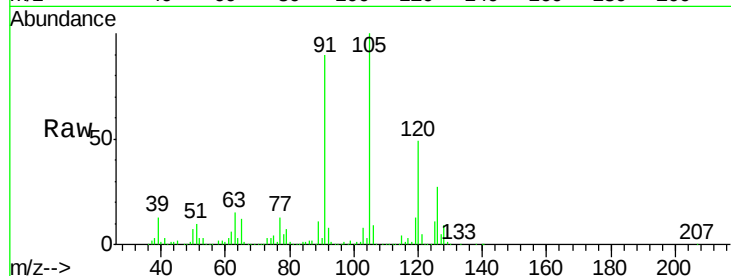
105 100

120 48.7 24.4 73.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.51

600000

500000

400000

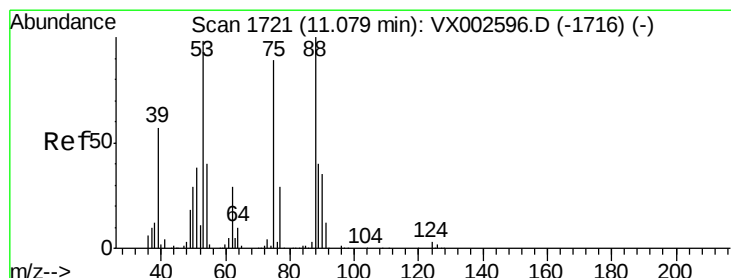
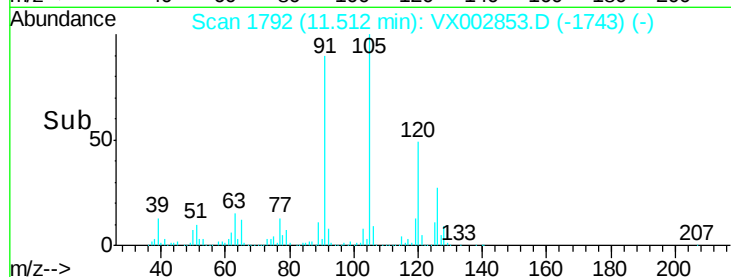
300000

200000

100000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 42.37 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

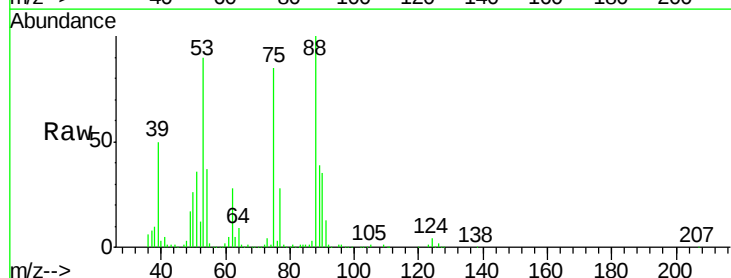
Tgt Ion: 75 Resp: 49174

Ion Ratio Lower Upper

75 100

53 114.2 86.8 130.2

89 46.7 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

100000

80000

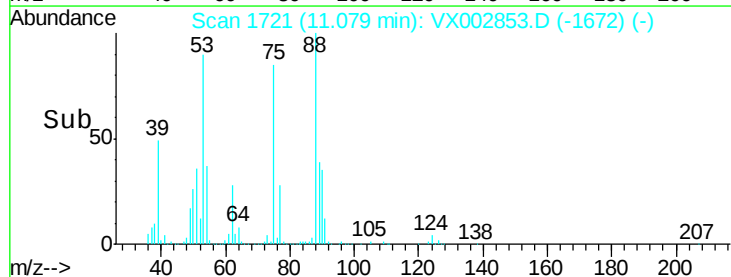
60000

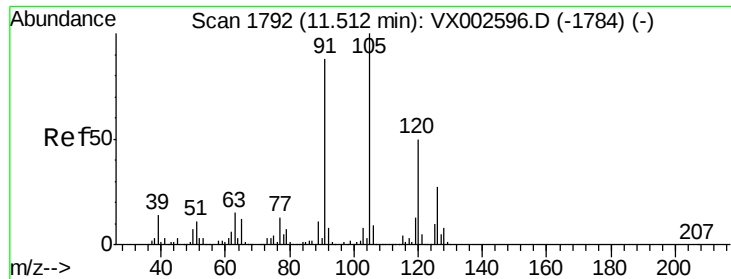
40000

20000

0

Time-->





#82

4-Chlorotoluene

Concen: 54.66 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

ClientSampled :

S83-0020MSD

Tot Ion: 91 Resp: 590949

Ion Ratio Lower Upper

91 100

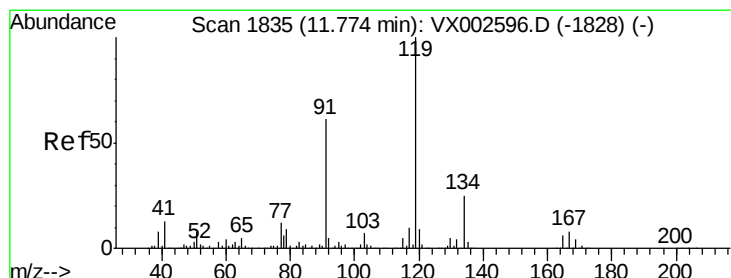
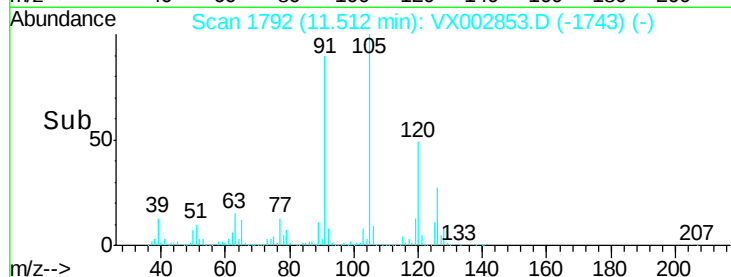
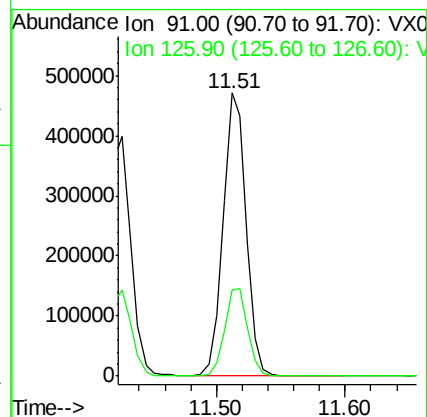
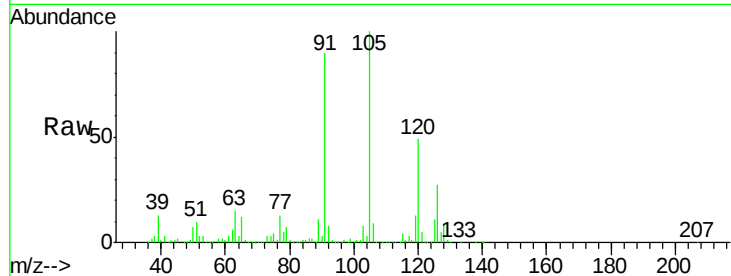
126 31.1 15.4 46.4

Manual Integrations

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#83

tert-Butylbenzene

Concen: 58.45 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

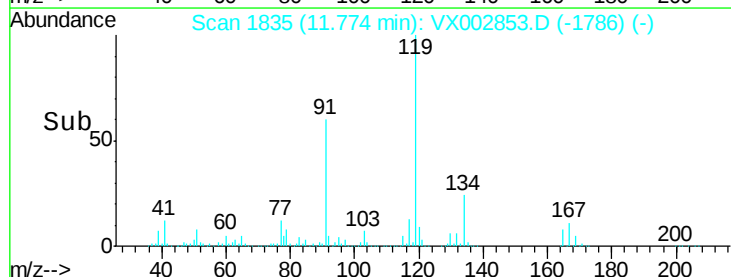
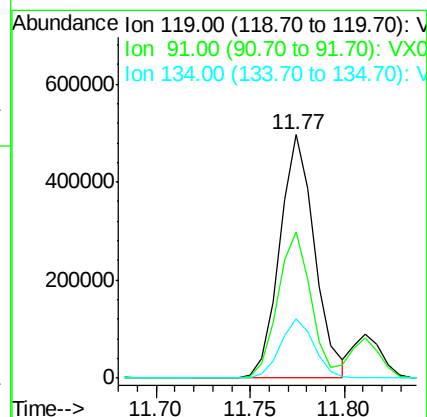
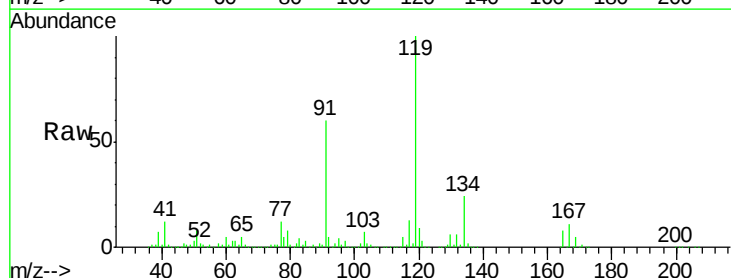
Tgt Ion: 119 Resp: 636730

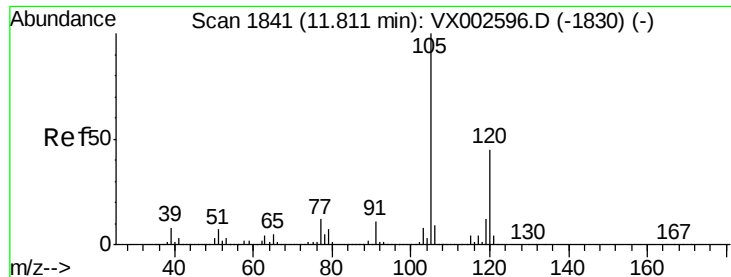
Ion Ratio Lower Upper

119 100

91 56.5 30.3 90.9

134 23.6 11.7 35.1





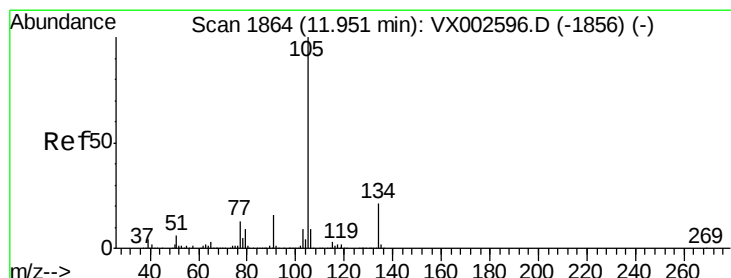
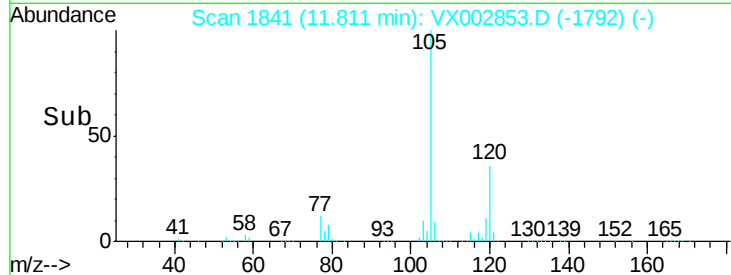
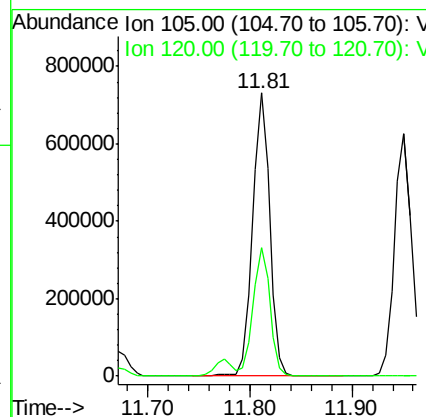
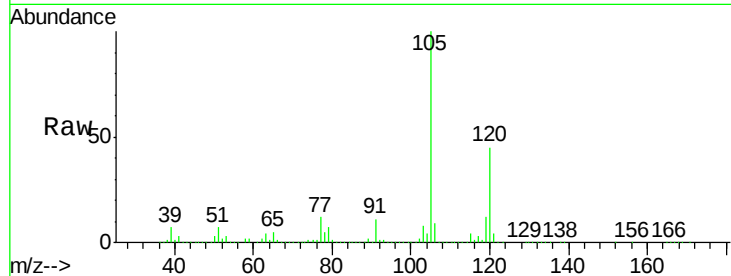
#84
 1,2,4-Trimethylbenzene
 Concen: 74.17 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002853.D
 Acq: 23 Jun 2018 01:17

Instrument :
 MSVOA_X
 ClientSampleId :
 S83-0020MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.3	66.8

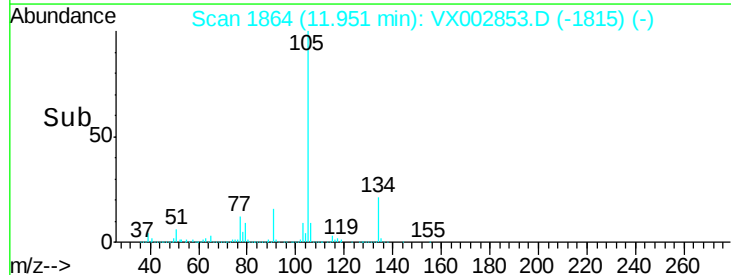
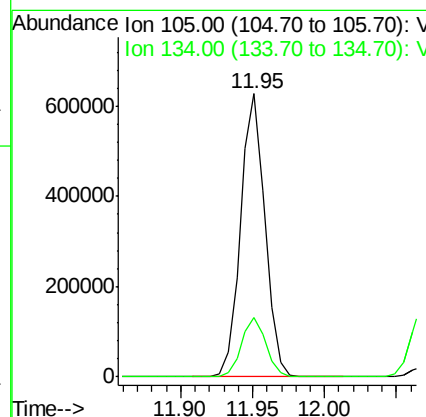
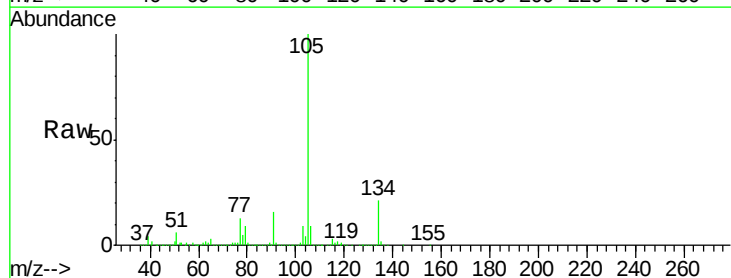
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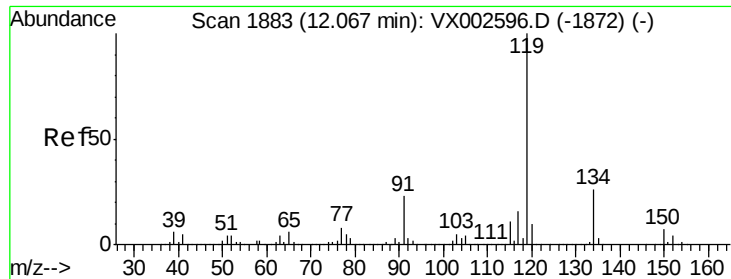
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#85
 sec-Butylbenzene
 Concen: 54.61 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX002853.D
 Acq: 23 Jun 2018 01:17

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.1	10.4	31.1





#86

p-Isopropyltoluene

Concen: 55.56 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

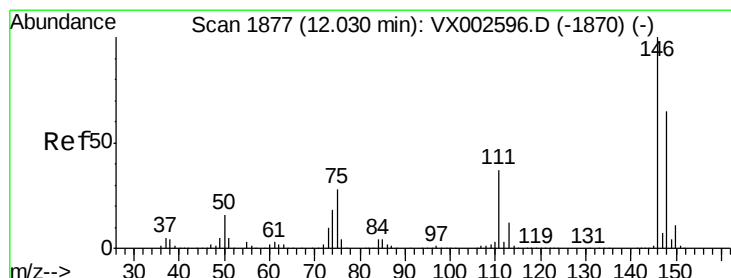
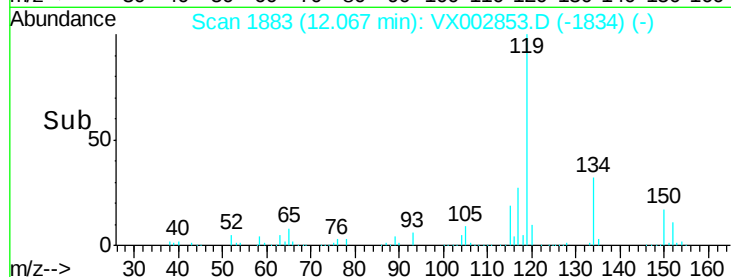
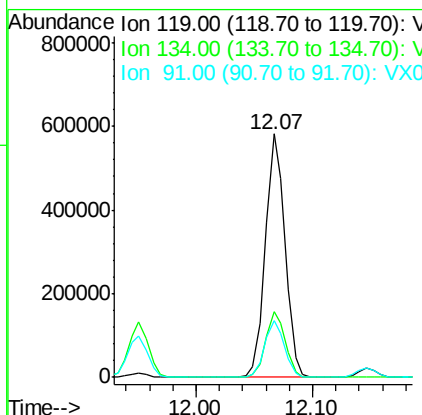
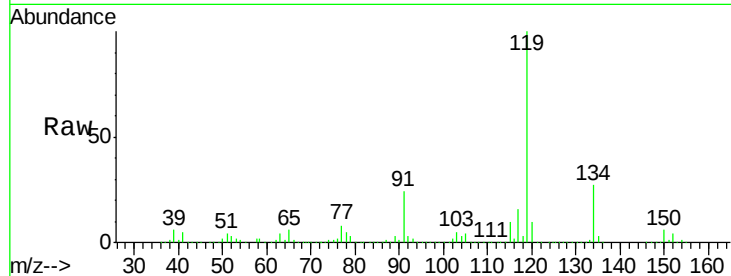
ClientSampleId :

S83-0020MSD

Tot Ion:	119	Resp:	680950
Ion Ratio	Lower	Upper	
119	100		
134	26.9	13.4	40.1
91	23.6	11.9	35.7

Manual Integrations
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#87

1,3-Dichlorobenzene

Concen: 54.34 ug/l

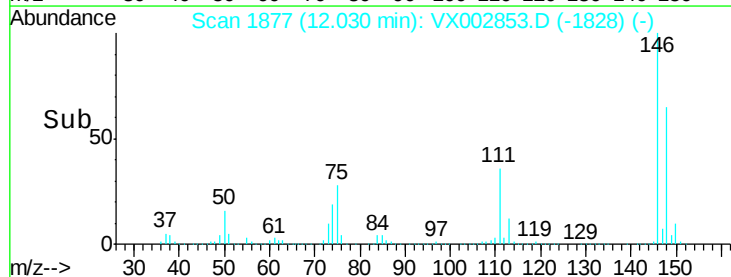
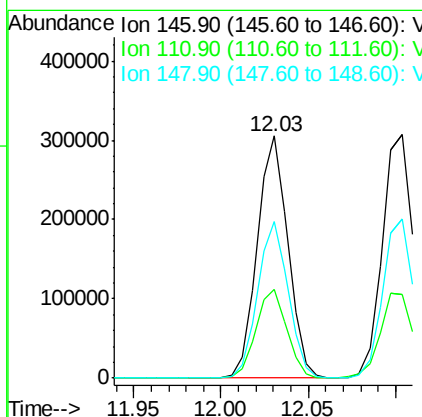
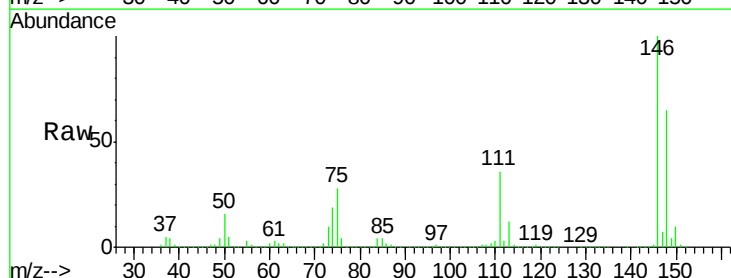
RT: 12.03 min Scan# 1877

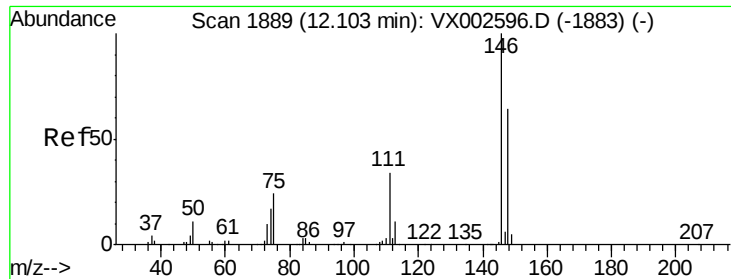
Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Tgt Ion:	146	Resp:	371539
Ion Ratio	Lower	Upper	
146	100		
111	37.1	18.9	56.7
148	64.5	32.1	96.3





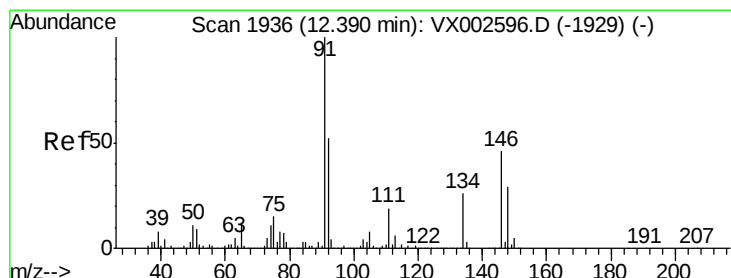
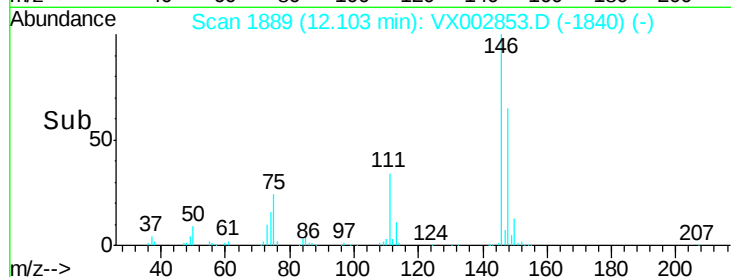
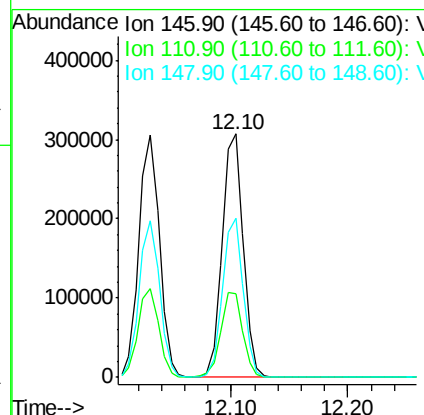
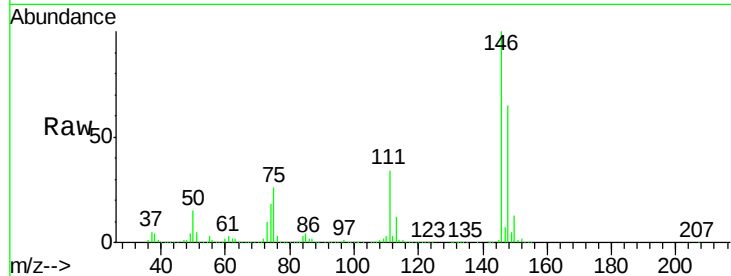
#88
 1,4-Dichlorobenzene
 Concen: 54.52 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002853.D
 Acq: 23 Jun 2018 01:17

Instrument :
 MSVOA_X
 ClientSampleId :
 S83-0020MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.7	56.1
148	64.5	32.4	97.0

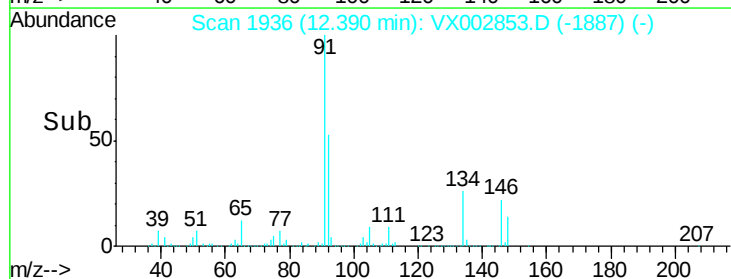
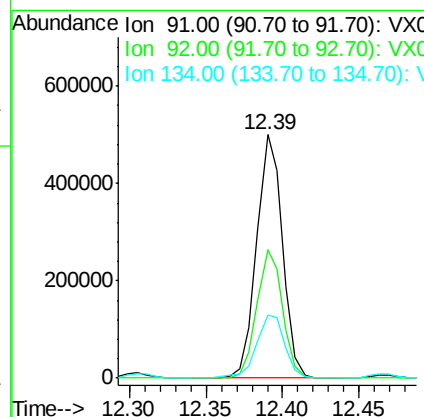
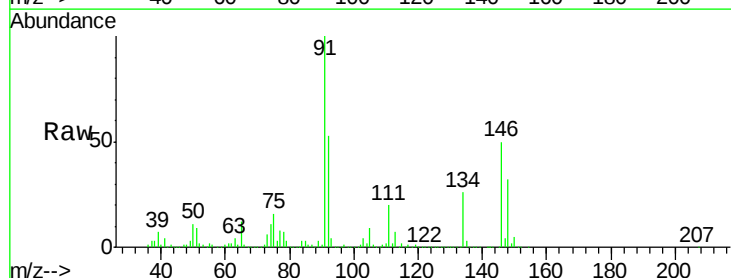
Manual Integrations
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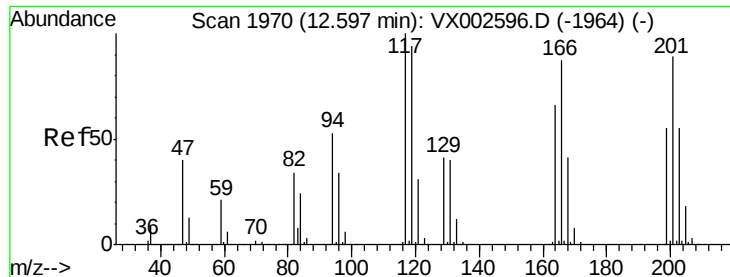
MMDadoda
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#89
 n-Butylbenzene
 Concen: 54.25 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VX002853.D
 Acq: 23 Jun 2018 01:17

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.0	78.0
134	28.4	13.5	40.5





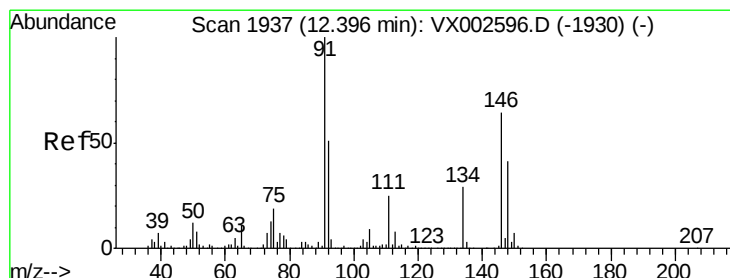
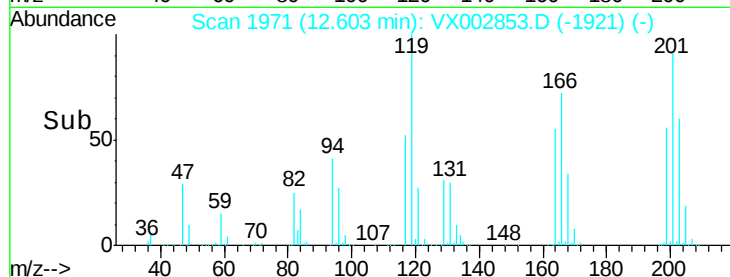
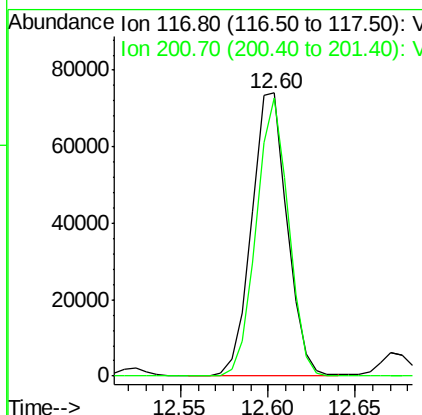
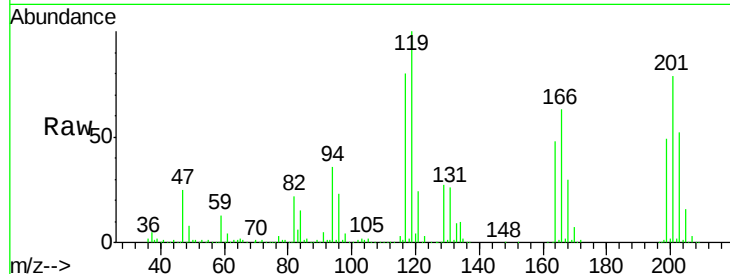
#90
 Hexachloroethane
 Concen: 54.62 ug/l
 RT: 12.60 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: VX002853.D
 Acq: 23 Jun 2018 01:17

Instrument :
 MSVOA_X
 ClientSampled :
 S83-0020MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100			
201	88.6	49.0	147.0	

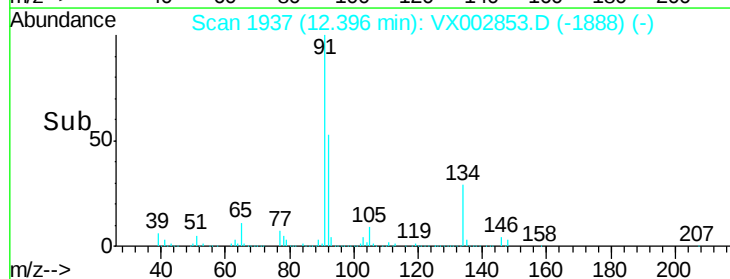
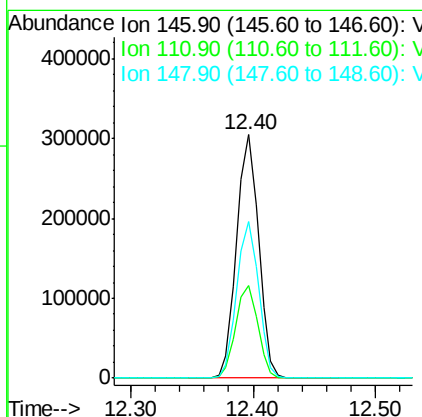
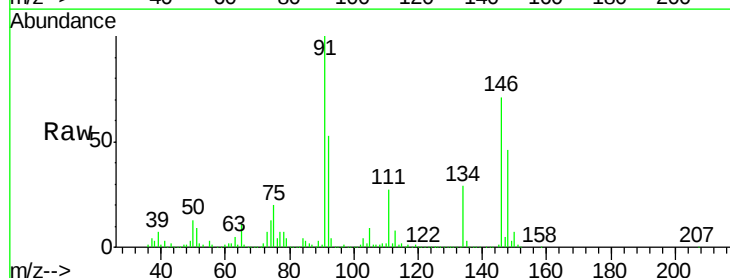
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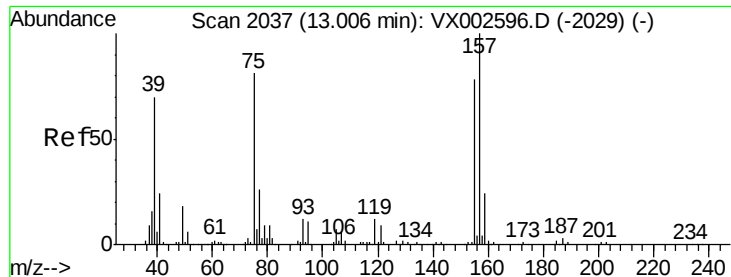
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#91
 1,2-Dichlorobenzene
 Concen: 54.93 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002853.D
 Acq: 23 Jun 2018 01:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	38.5	19.4	58.1	
148	64.1	31.7	95.1	





#92

1,2-Dibromo-3-Chloropropane

Concen: 64.59 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

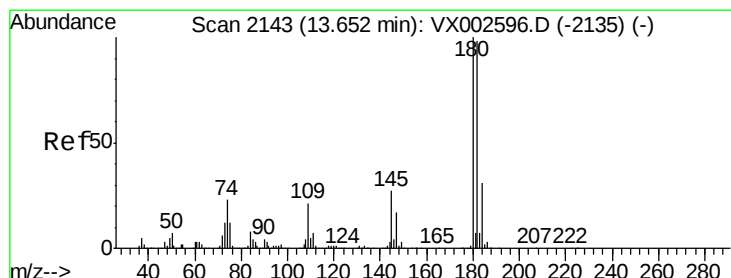
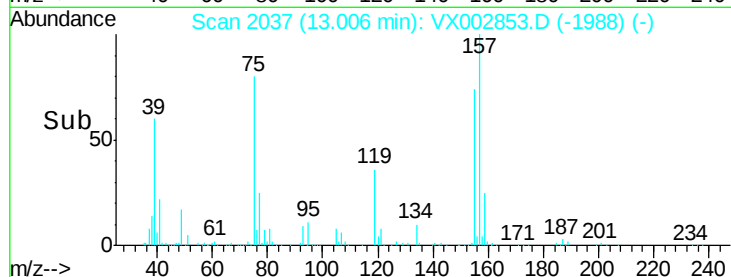
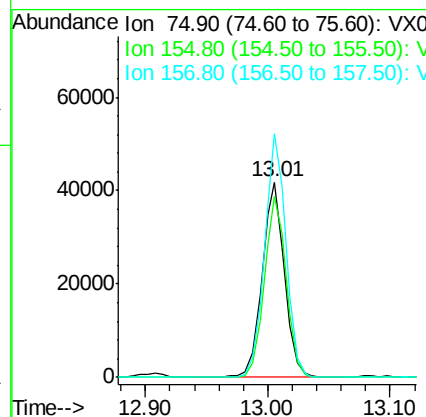
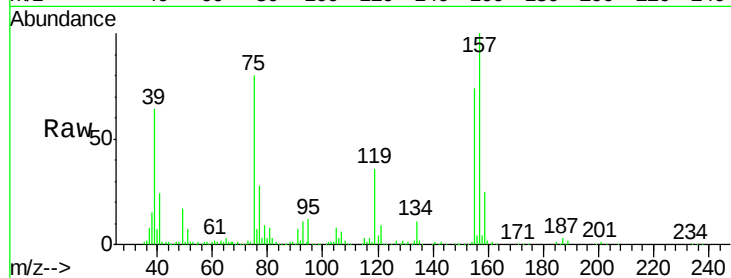
ClientSampleId :

S83-0020MSD

Tot Ion:	75	Resp:	53461
Ion Ratio	Lower	Upper	
75	100		
155	90.2	45.8	137.4
157	118.4	60.1	180.3

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#93

1,2,4-Trichlorobenzene

Concen: 56.68 ug/l

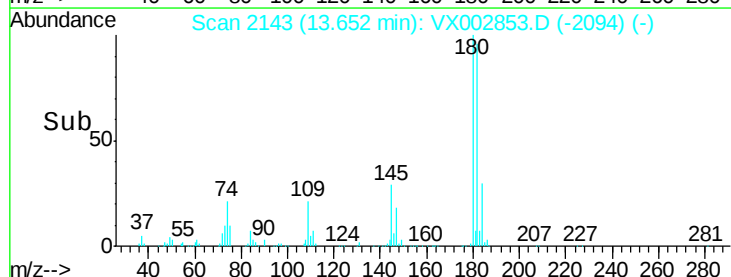
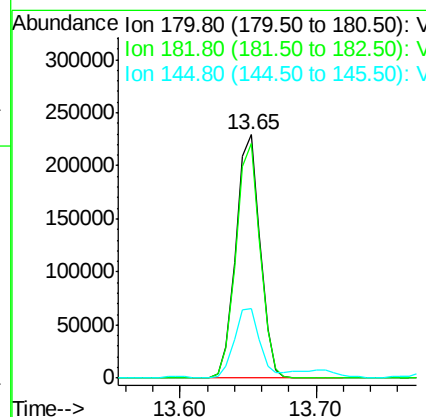
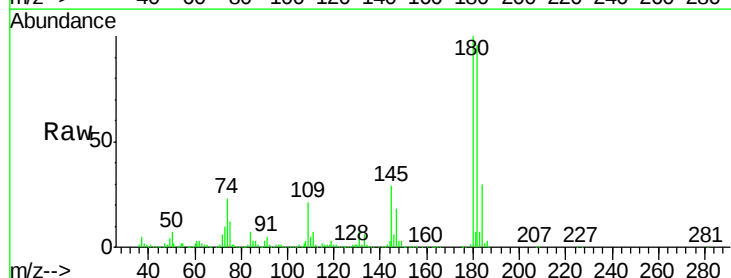
RT: 13.65 min Scan# 2143

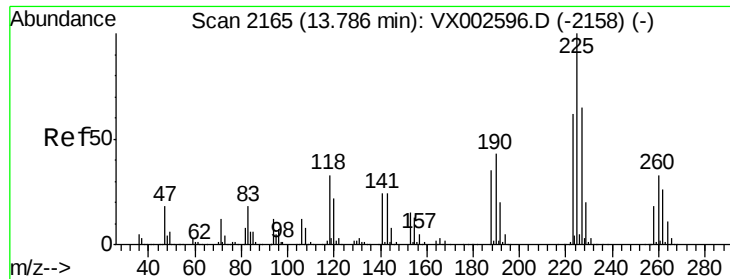
Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Tgt Ion:	180	Resp:	283055
Ion Ratio	Lower	Upper	
180	100		
182	96.0	47.7	143.1
145	30.5	14.1	42.4





#94

Hexachlorobutadiene

Concen: 50.04 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX002853.D

Acq: 23 Jun 2018 01:17

Instrument :

MSVOA_X

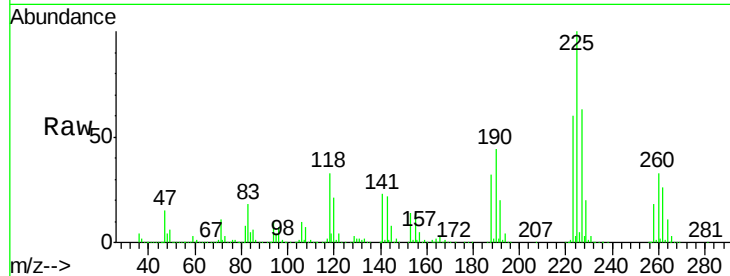
ClientSampleId :

S83-0020MSD

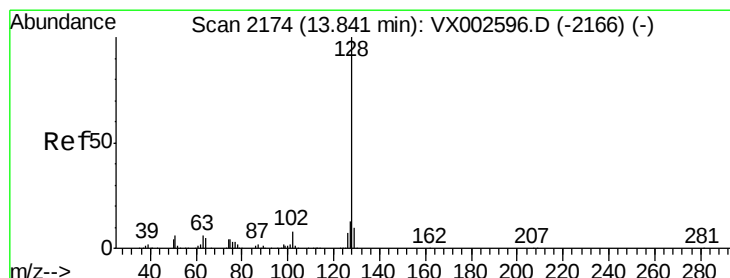
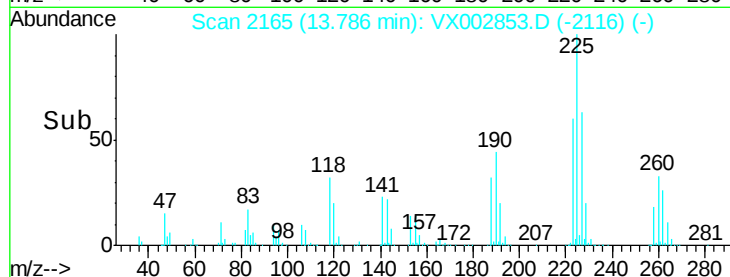
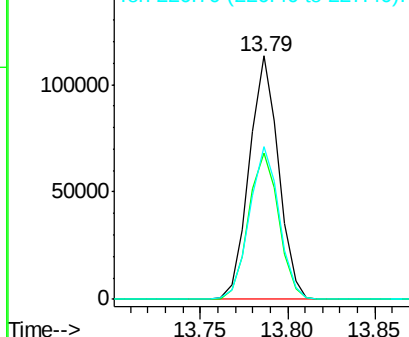
Tot Ion:	225	Resp:	131652
Ion Ratio		Lower	Upper
225	100		
223	62.1	31.6	95.0
227	63.8	32.4	97.2

Manual Integrations
APPROVED

MMDadoda
6/25/2018 6:56:09 PM



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 64.34 ug/l

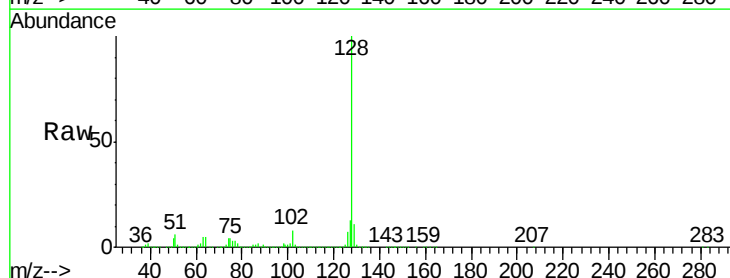
RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

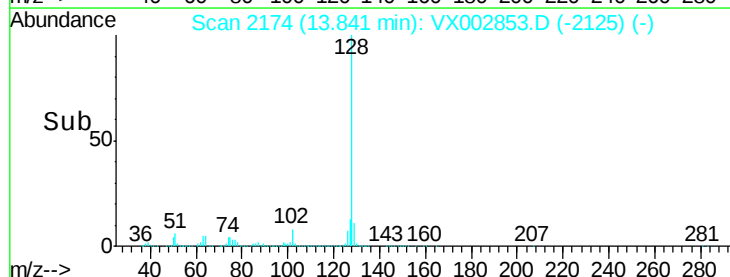
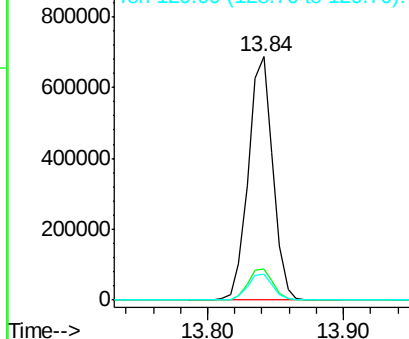
Lab File: VX002853.D

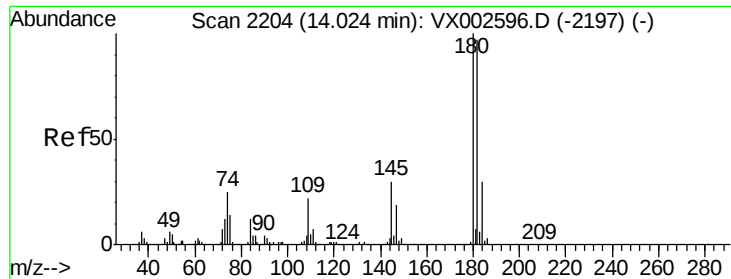
Acq: 23 Jun 2018 01:17

Tgt Ion:	128	Resp:	864648
Ion Ratio		Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.2	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 56.78 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX002853.D
 Acq: 23 Jun 2018 01:17

Instrument :
 MSVOA_X
 ClientSampleId :
 S83-0020MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.9	48.0	144.0
145	33.8	14.8	44.3

Manual Integrations
 APPROVED

MMDadoda
 6/25/2018 6:56:09 PM

