

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081318\
 Data File : VX004010.D
 Acq On : 13 Aug 2018 19:40
 Operator : JC/MD
 Sample : J4429-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0540MS

Manual Integrations
 APPROVED

MMDadoda
 8/14/2018 12:56:11 PM

Quant Time: Aug 14 05:26:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 13 01:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	303175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	469234	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	436215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	278615	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	205678	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
35) Dibromofluoromethane	5.51	113	167409	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
50) Toluene-d8	8.72	98	661807	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
62) 4-Bromofluorobenzene	11.14	95	249875	55.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	150815	49.09	ug/l	98
3) Chloromethane	1.32	50	181849	43.50	ug/l	100
4) Vinyl Chloride	1.40	62	199748	47.92	ug/l	99
5) Bromomethane	1.64	94	94658	35.65	ug/l	99
6) Chloroethane	1.72	64	138973	52.11	ug/l	97
7) Trichlorofluoromethane	1.93	101	275606	50.08	ug/l	96
8) Diethyl Ether	2.18	74	122893	49.67	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	171933	49.98	ug/l	100
10) Methyl Iodide	2.51	142	160752	37.56	ug/l	100
11) Tert butyl alcohol	3.05	59	203363	210.58	ug/l #	73
12) 1,1-Dichloroethene	2.37	96	161366	49.59	ug/l	98
13) Acrolein	2.29	56	99158	186.28	ug/l	98
14) Allyl chloride	2.73	41	308054	49.11	ug/l	97
15) Acrylonitrile	3.14	53	616123	267.37	ug/l	94
16) Acetone	2.44	43	561205	234.72	ug/l	100
17) Carbon Disulfide	2.57	76	417370	42.04	ug/l	100
18) Methyl Acetate	2.77	43	269544	51.78	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	596051	51.69	ug/l #	1
20) Methylene Chloride	2.86	84	205960	35.53	ug/l #	93
21) trans-1,2-Dichloroethene	3.17	96	178182	48.23	ug/l	99
22) Diisopropyl ether	3.87	45	614545	53.30	ug/l	99
23) Vinyl Acetate	3.82	43	2424603	252.72	ug/l	100
24) 1,1-Dichloroethane	3.70	63	342761	50.04	ug/l	100
25) 2-Butanone	4.70	43	921607	256.38	ug/l	98
26) 2,2-Dichloropropane	4.59	77	233211	47.21	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	208705	52.07	ug/l	97
28) Bromochloromethane	5.02	49	151065	51.54	ug/l	96
29) Tetrahydrofuran	5.15	42	470093	254.43	ug/l	98
30) Chloroform	5.22	83	346560	53.75	ug/l	93
31) Cyclohexane	5.58	56	1436175	247.94	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	284879	52.68	ug/l	99
36) 1,1-Dichloropropene	5.80	75	253234	48.18	ug/l	100
37) Ethyl Acetate	4.85	43	272548	47.14	ug/l	99
38) Carbon Tetrachloride	5.79	117	250553	50.09	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	1551356	250.37	ug/l	99
40) Benzene	6.15	78	790376	50.08	ug/l	99
41) Methacrylonitrile	5.06	41	158825	49.88	ug/l	100
42) 1,2-Dichloroethane	6.20	62	276755	51.87	ug/l	97
43) Isopropyl Acetate	6.46	43	458481	52.70	ug/l	98
44) Trichloroethene	7.21	130	211049	48.90	ug/l	95
45) 1,2-Dichloropropane	7.52	63	203552	49.95	ug/l	99
46) Dibromomethane	7.67	93	134157	50.71	ug/l	99
47) Bromodichloromethane	7.90	83	262287	52.62	ug/l	99
48) Methyl methacrylate	7.78	41	222361	50.28	ug/l	97
49) 1,4-Dioxane	7.76	88	89264	856.85	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1874787	259.99	ug/l	100
52) Toluene	8.79	92	510903	51.24	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	295892	52.52	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	312744	51.48	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	205663	50.47	ug/l	99
56) Ethyl methacrylate	9.18	69	331609	56.09	ug/l	96
57) 1,3-Dichloropropane	9.37	76	354678	52.01	ug/l	99
59) 2-Hexanone	9.50	43	1412920	262.13	ug/l	100
60) Dibromochloromethane	9.59	129	211644	55.71	ug/l	100
61) 1,2-Dibromoethane	9.68	107	219537	53.81	ug/l	99
64) Tetrachloroethene	9.34	164	197911	46.12	ug/l	94
65) Chlorobenzene	10.14	112	550360	48.49	ug/l	90
66) 1,1,1,2-Tetrachloroethane	10.23	131	204632	52.44	ug/l	99
67) Ethyl Benzene	10.26	91	2507168	134.94	ug/l	100
68) m/p-Xylenes	10.36	106	1356942	186.90	ug/l	92
69) o-Xylene	10.70	106	382442	55.80	ug/l	95
70) Stvrene	10.71	104	625005	55.70	ug/l	99
71) Bromoform	10.86	173	166375	57.02	ug/l	98
73) Isopropylbenzene	11.02	105	1626318	78.91	ug/l	96
74) N-amyl acetate	6.46	43	458481	42.78	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	336543	47.64	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	296995m	48.26	ug/l	
77) Bromobenzene	11.26	156	265815	48.34	ug/l	98
78) n-propylbenzene	11.36	91	2416434	104.41	ug/l	99
79) 2-Chlorotoluene	11.42	91	729345	51.69	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	2191514	130.40	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	93039	46.08	ug/l	98
82) 4-Chlorotoluene	11.51	91	939824	56.85	ug/l	92
83) tert-Butylbenzene	11.77	119	863953	52.25	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	4953972	293.16	ug/l	95
85) sec-Butylbenzene	11.94	105	1134905	58.16	ug/l	98
86) p-Isopropyltoluene	12.07	119	1053868	60.19	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	502116	49.40	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	502683	47.68	ug/l	99
89) n-Butylbenzene	12.39	91	868818	56.94	ug/l #	89
90) Hexachloroethane	12.60	117	173570	61.05	ug/l	71
91) 1,2-Dichlorobenzene	12.39	146	459670	45.63	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	65181	45.04	ug/l	95
93) 1,2,4-Trichlorobenzene	13.65	180	343710	47.44	ug/l	97

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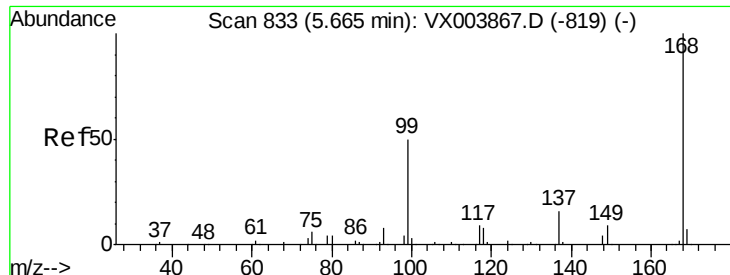
Manual Integrations
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QLast Update : Mon Aug 13 01:34:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	144268	42.51	ug/l	97
95) Naphthalene	13.83	128	1548361	74.61	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	373056	51.59	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

Instrument :

MSVOA_X

ClientSampleId :

FL-0540MS

Tot Ion:168 Resp: 303175

Ion Ratio Lower Upper

168 100

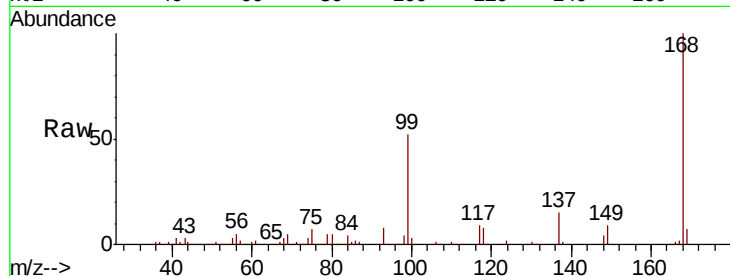
99 51.3 40.1 60.1

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

120000

100000

80000

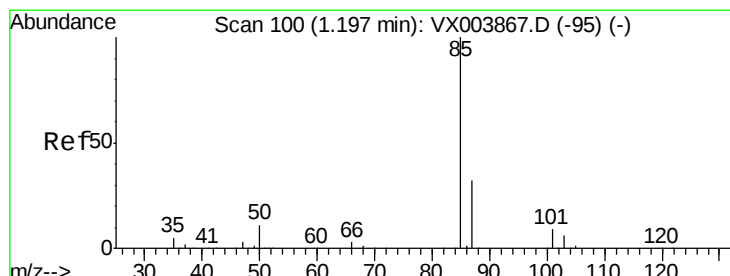
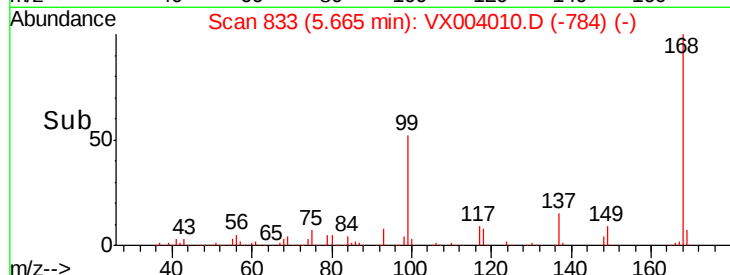
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.09 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX004010.D

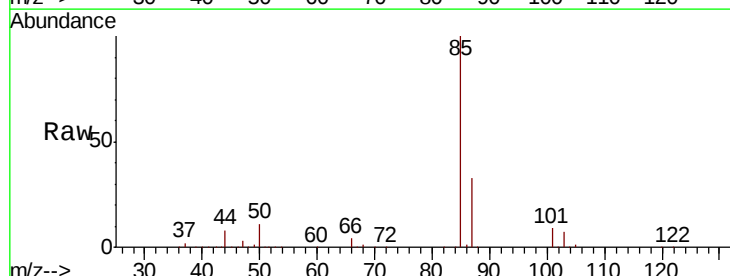
Acq: 13 Aug 2018 19:40

Tgt Ion: 85 Resp: 150815

Ion Ratio Lower Upper

85 100

87 33.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

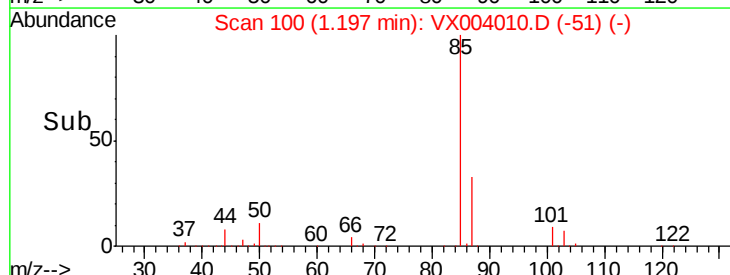
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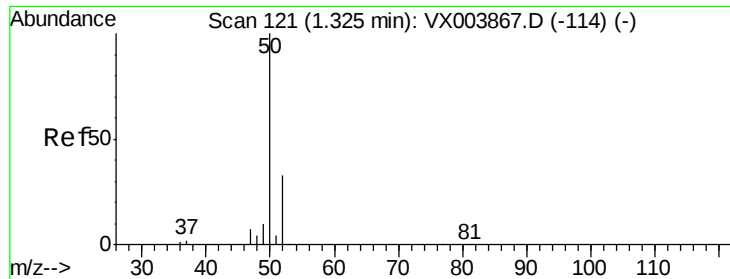
100000

50000

0

Time-->





#3

Chloromethane

Concen: 43.50 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

Instrument :

MSVOA_X

ClientSampleId :

FL-0540MS

Tot Ion: 50 Resp: 181849

Ion Ratio Lower Upper

50 100

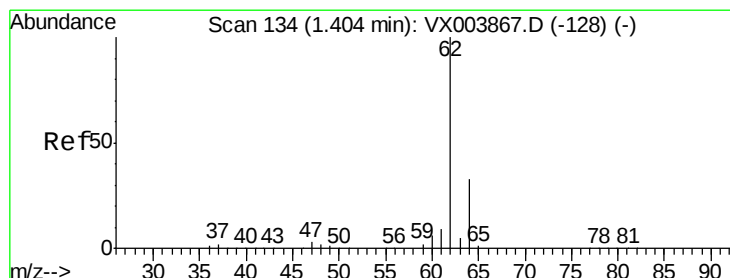
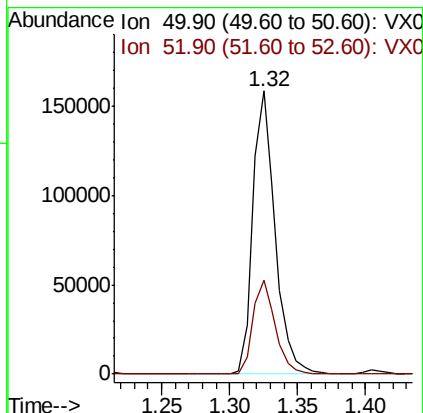
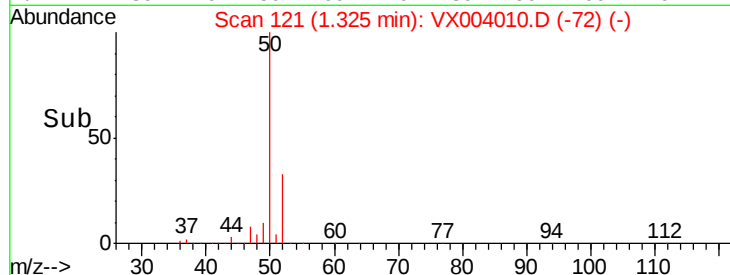
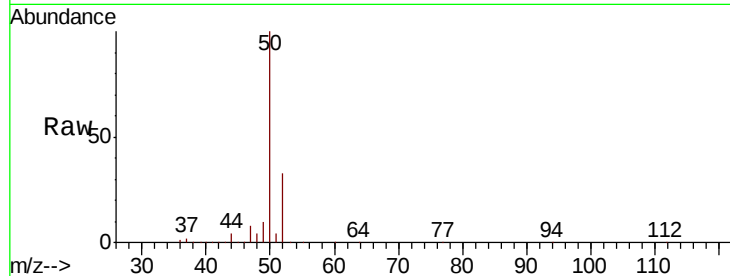
52 33.2 26.6 39.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.92 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX004010.D

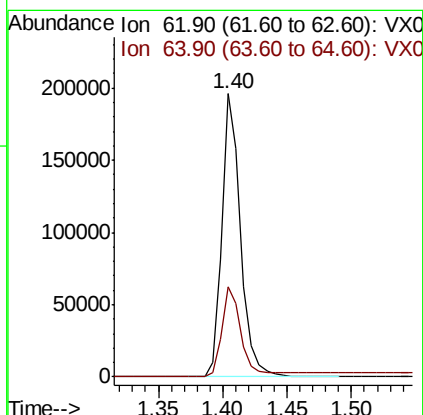
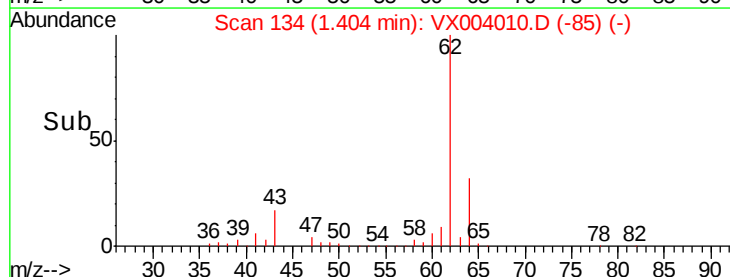
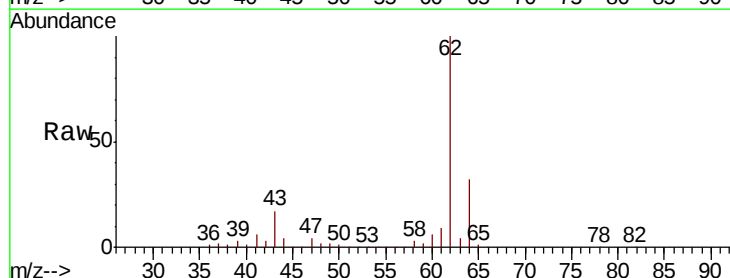
Acq: 13 Aug 2018 19:40

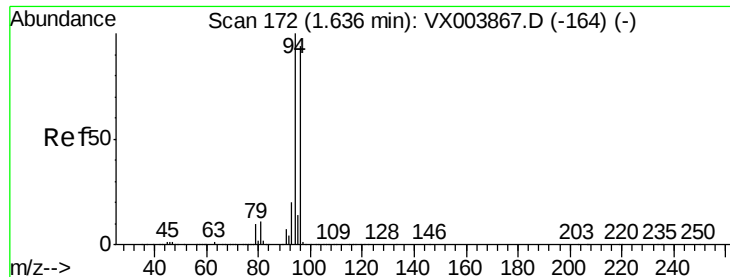
Tgt Ion: 62 Resp: 199748

Ion Ratio Lower Upper

62 100

64 31.7 26.0 39.0





#5

Bromomethane

Concen: 35.65 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

Instrument :

MSVOA_X

ClientSampled :

FL-0540MS

Tot Ion: 94 Resp: 94658

Ion Ratio Lower Upper

94 100

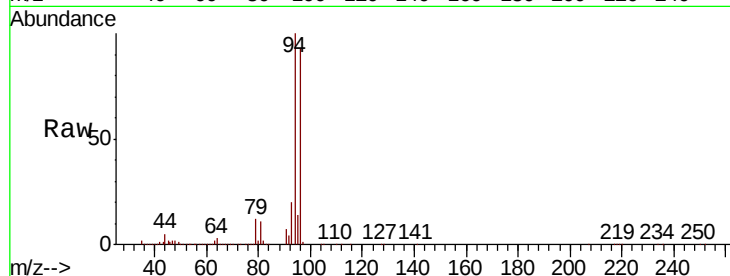
96 93.4 75.2 112.8

Manual Integrations

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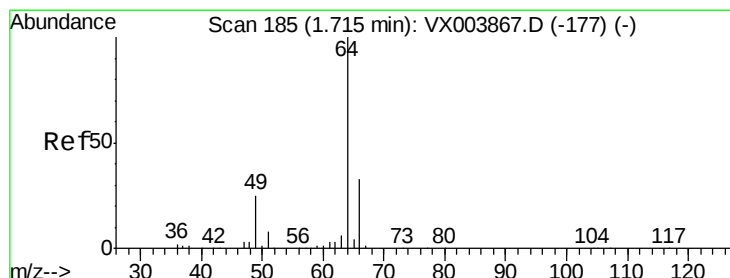
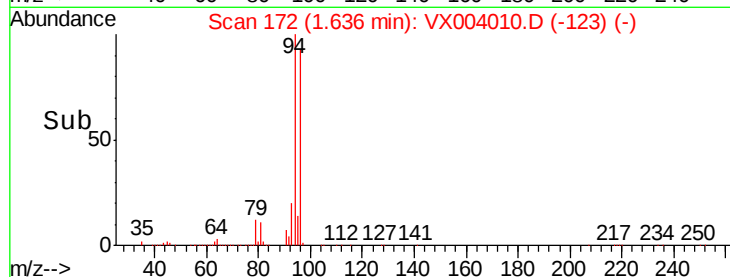
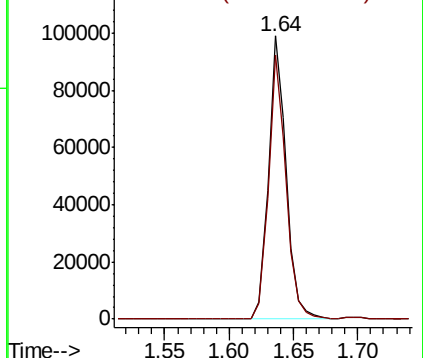
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.11 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX004010.D

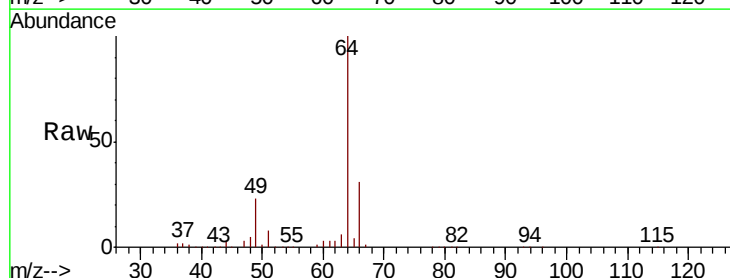
Acq: 13 Aug 2018 19:40

Tgt Ion: 64 Resp: 138973

Ion Ratio Lower Upper

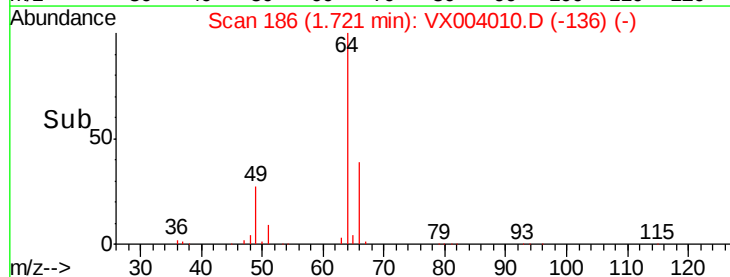
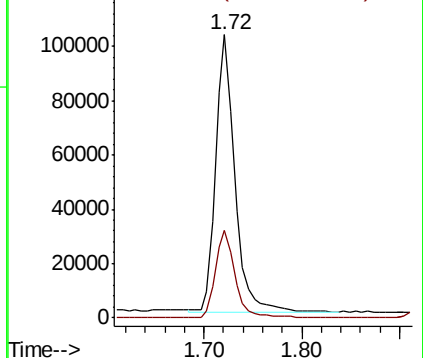
64 100

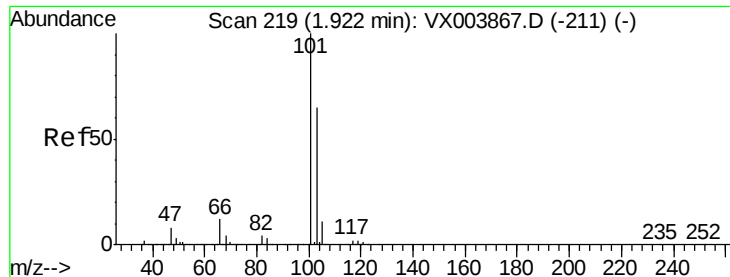
66 31.6 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

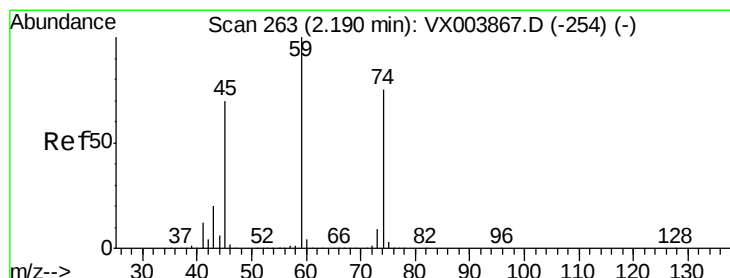
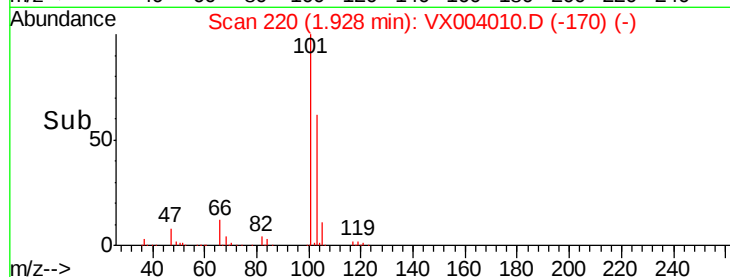
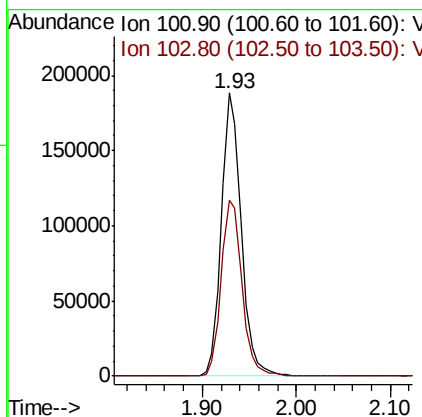
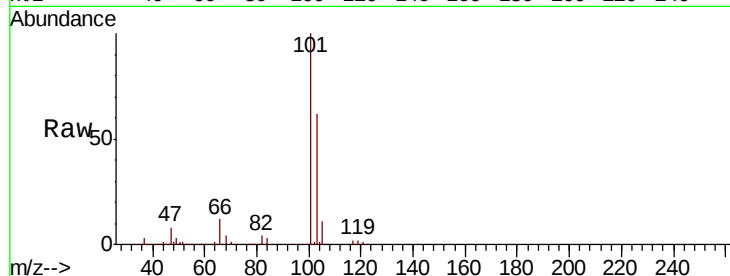
Trichlorofluoromethane
 Concen: 50.08 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX004010.D
 Acq: 13 Aug 2018 19:40

Instrument :
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 FL-0540MS

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.9	52.3	78.5

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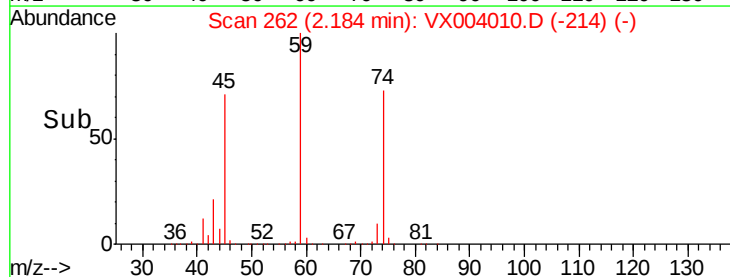
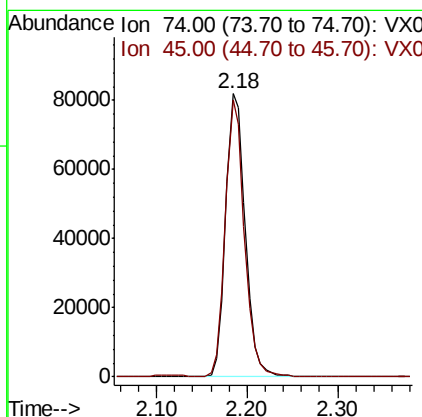
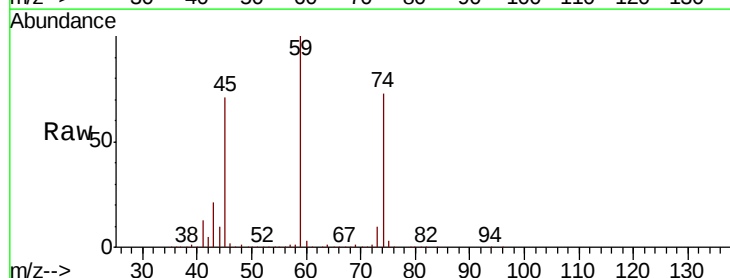
MMDadoda
 8/14/2018 12:56:11 PM

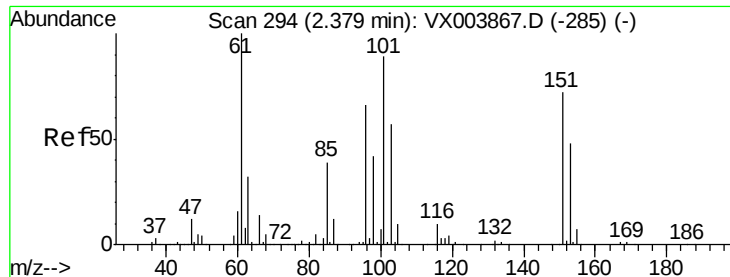


#8

Diethyl Ether
 Concen: 49.67 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.01 min
 Lab File: VX004010.D
 Acq: 13 Aug 2018 19:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.8	48.3	144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.98 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

Instrument :

MSVOA_X

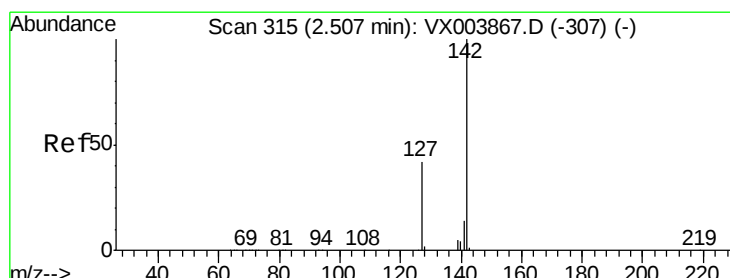
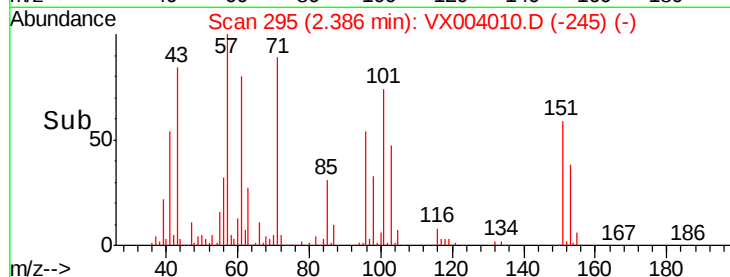
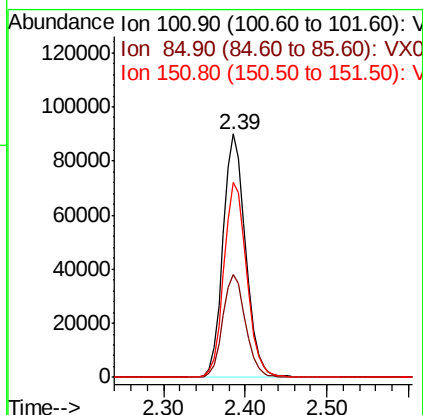
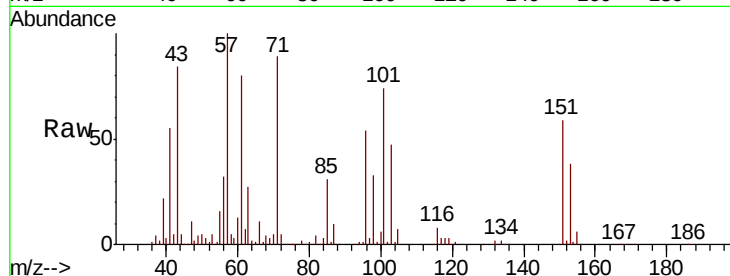
ClientSampleId :

FL-0540MS

Tot Ion:	101	Resp:	171933
Ion Ratio	Lower	Upper	
101	100		
85	42.8	34.2	51.4
151	80.8	65.0	97.4

Manual Integrations
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#10

Methyl Iodide

Concen: 37.56 ug/l

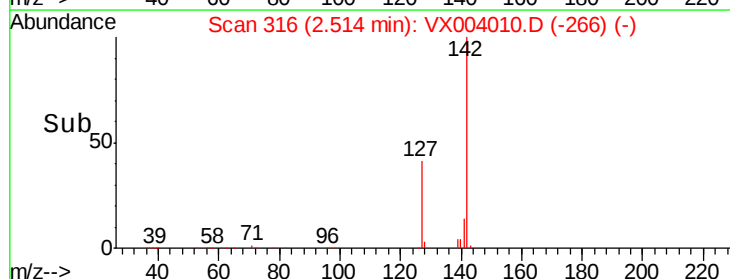
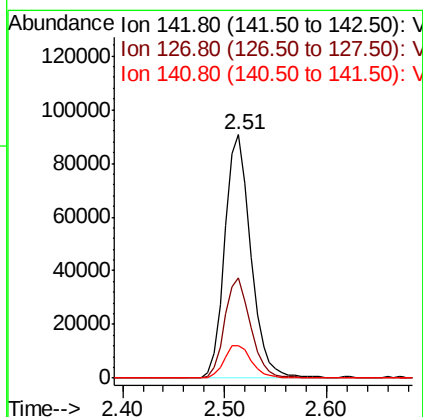
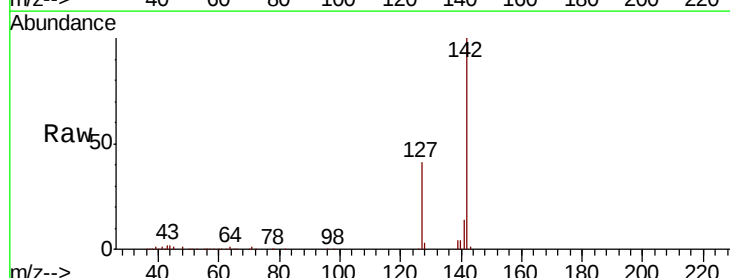
RT: 2.51 min Scan# 316

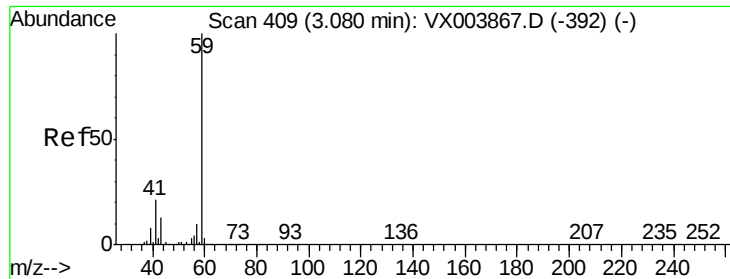
Delta R.T. 0.01 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

Tgt Ion:	142	Resp:	160752
Ion Ratio	Lower	Upper	
142	100		
127	41.2	33.1	49.7
141	14.1	11.1	16.7





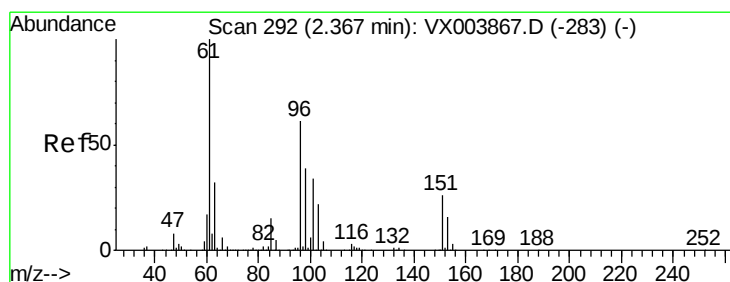
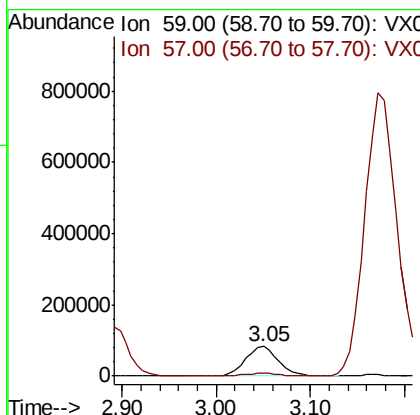
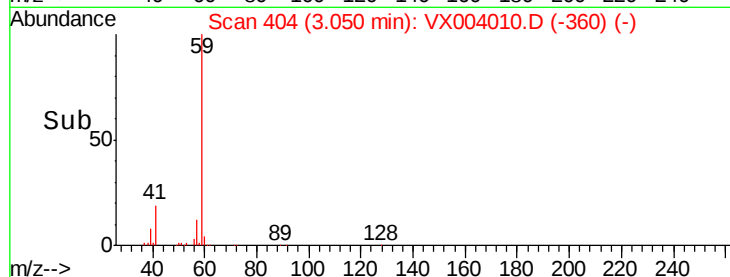
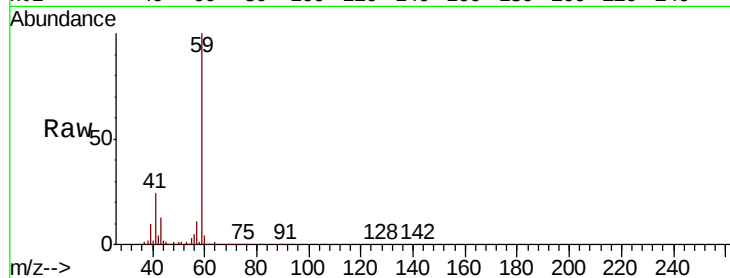
#11
Tert butyl alcohol
Concen: 210.58 ug/l
RT: 3.05 min Scan# 404
Delta R.T. -0.03 min
Lab File: VX004010.D
Acq: 13 Aug 2018 19:40

Instrument :
MSVOA_X
ClientSampled :
FL-0540MS

Tot Ion: 59 Resp: 203363
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

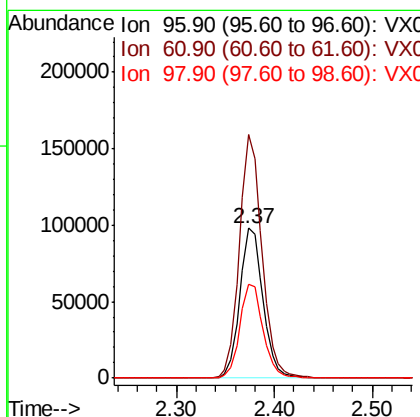
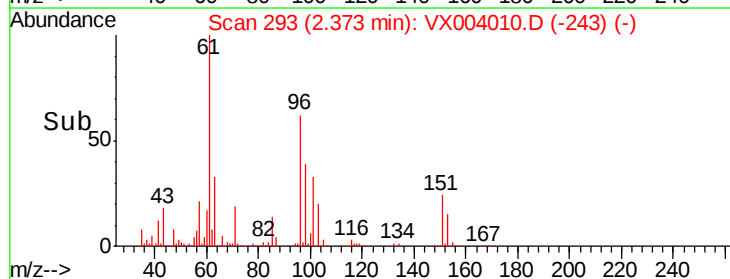
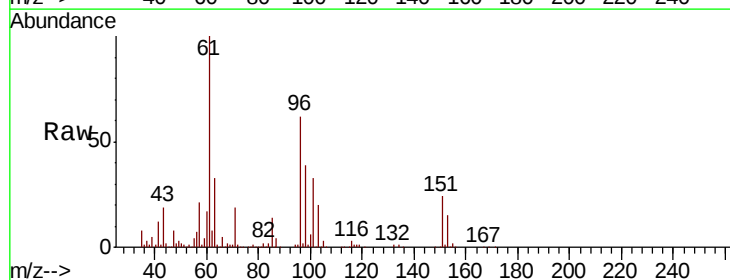
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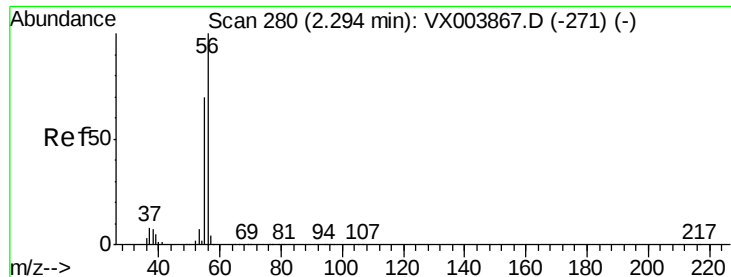
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#12
1,1-Dichloroethene
Concen: 49.59 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX004010.D
Acq: 13 Aug 2018 19:40

Tgt Ion: 96 Resp: 161366
Ion Ratio Lower Upper
96 100
61 162.3 131.3 196.9
98 62.6 51.8 77.6





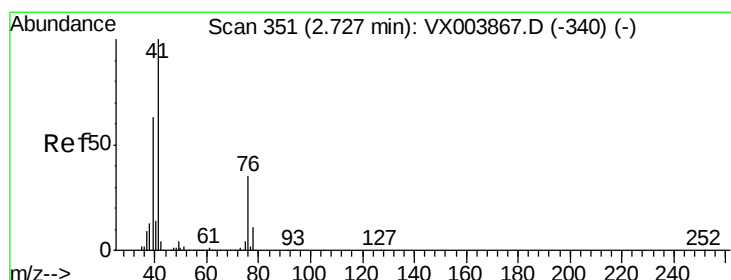
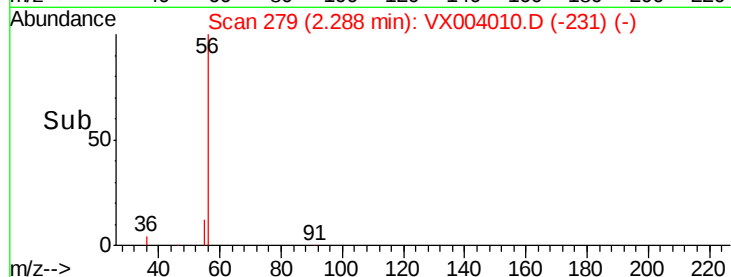
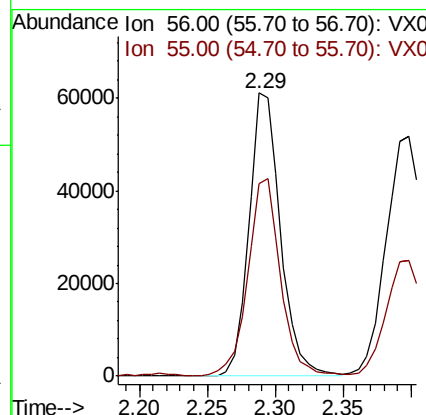
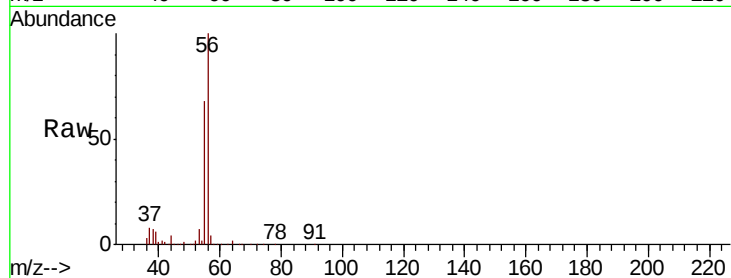
#13
Acrolein
Concen: 186.28 ug/l
RT: 2.29 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX004010.D
Acq: 13 Aug 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
FL-0540MS

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.7	56.1	84.1

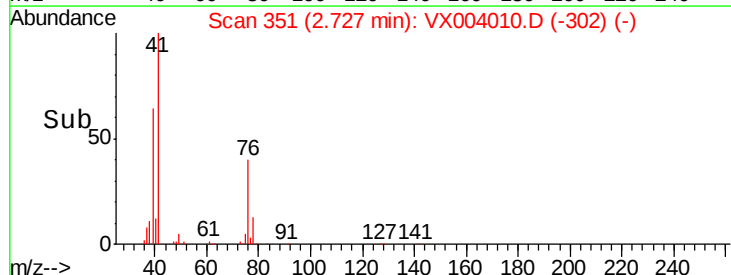
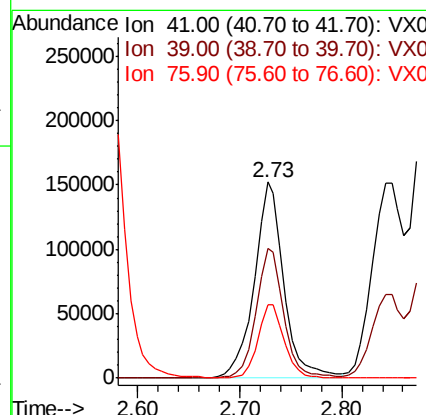
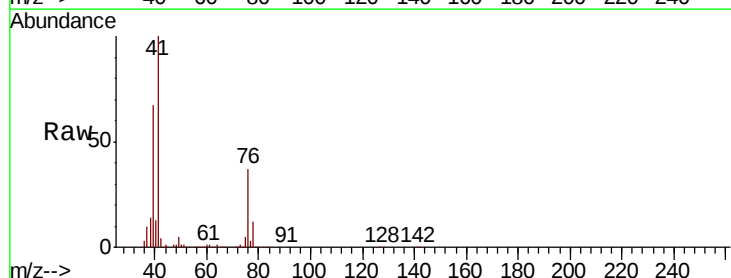
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#14
Allyl chloride
Concen: 49.11 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX004010.D
Acq: 13 Aug 2018 19:40

Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.7	47.4	71.0
76	33.4	26.0	39.0





#15

Acrylonitrile

Concen: 267.37 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

Instrument :

MSVOA_X

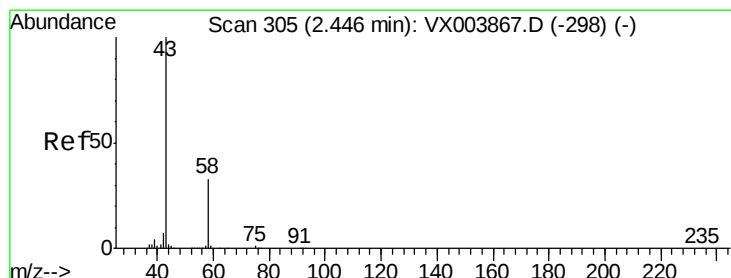
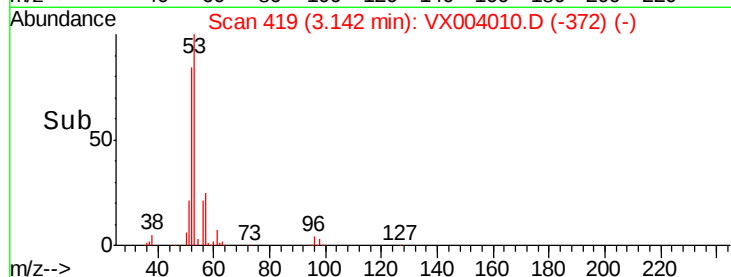
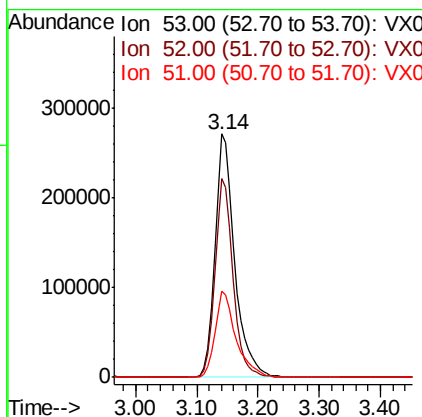
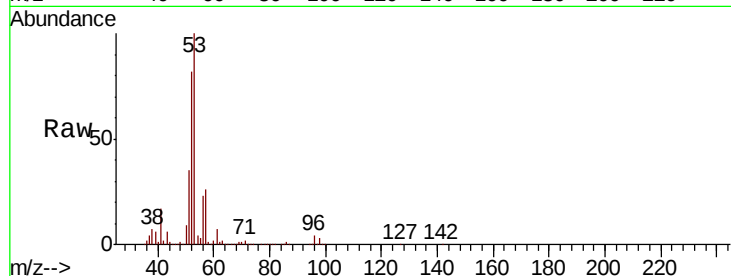
ClientSampleId :

FL-0540MS

Tot Ion:	53	Resp:	616123
Ion Ratio	Lower	Upper	
53	100		
52	75.4	65.3	97.9
51	37.4	27.9	41.9

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#16

Acetone

Concen: 234.72 ug/l

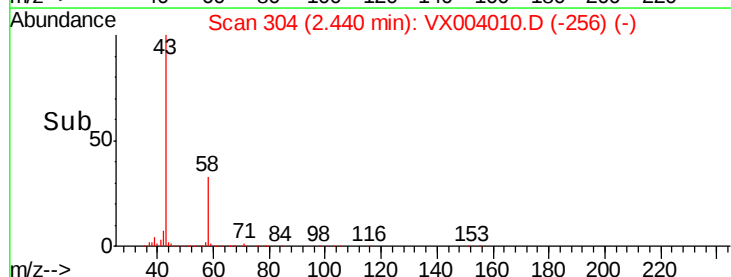
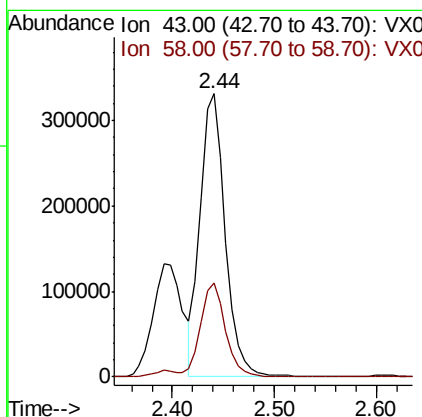
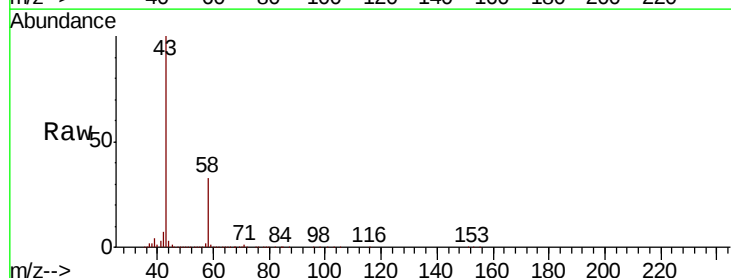
RT: 2.44 min Scan# 304

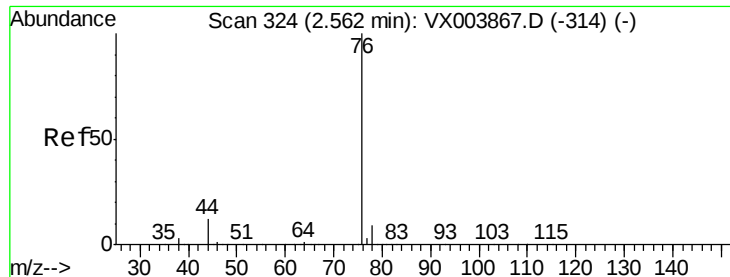
Delta R.T. -0.01 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

Tgt Ion:	43	Resp:	561205
Ion Ratio	Lower	Upper	
43	100		
58	33.3	26.4	39.6





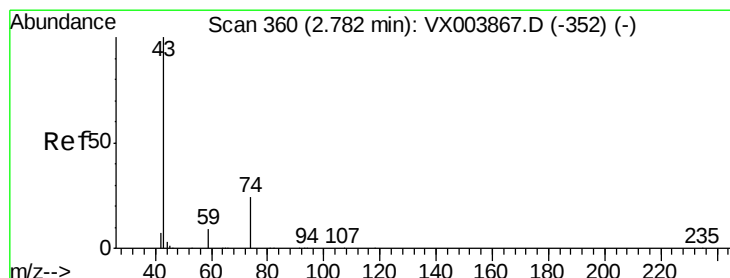
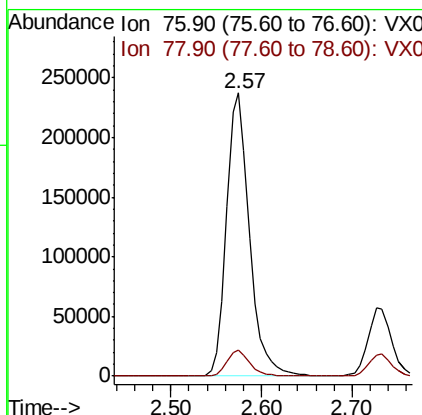
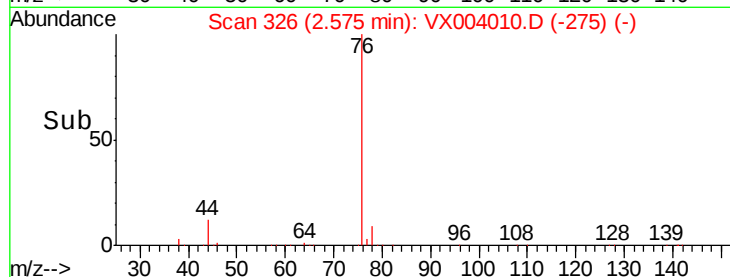
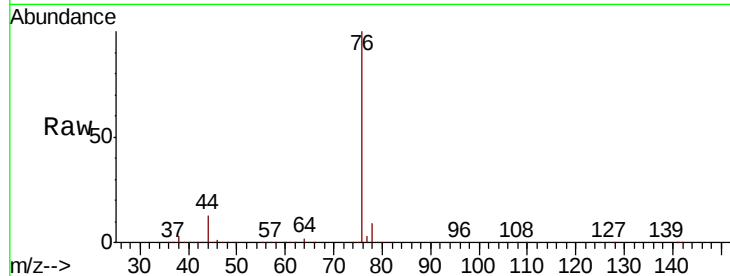
#17
Carbon Disulfide
Concen: 42.04 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX004010.D
Acq: 13 Aug 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
FL-0540MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.5	11.3

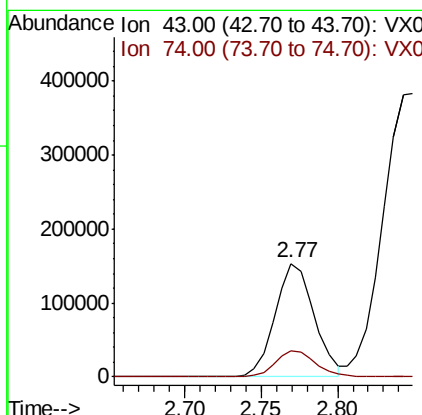
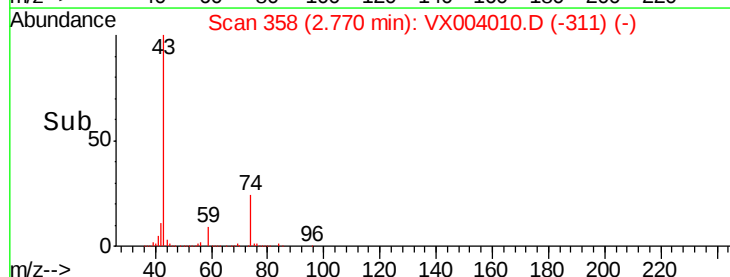
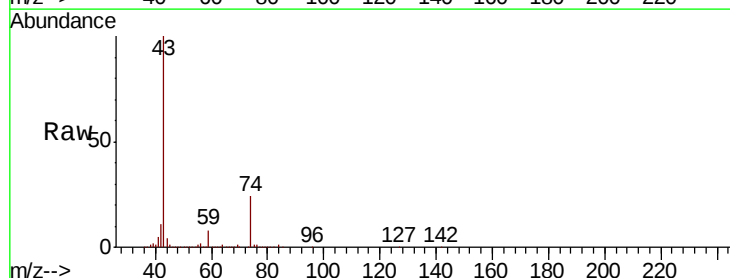
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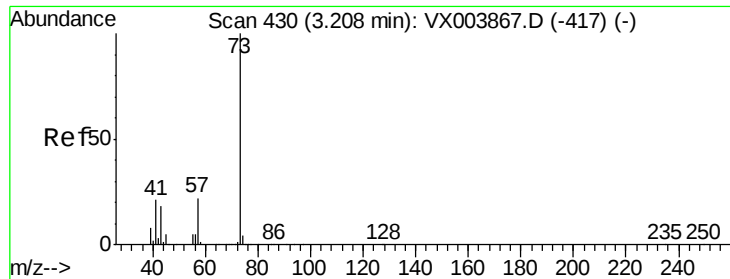
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#18
Methyl Acetate
Concen: 51.78 ug/l
RT: 2.77 min Scan# 358
Delta R.T. -0.01 min
Lab File: VX004010.D
Acq: 13 Aug 2018 19:40

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.4	18.9	28.3





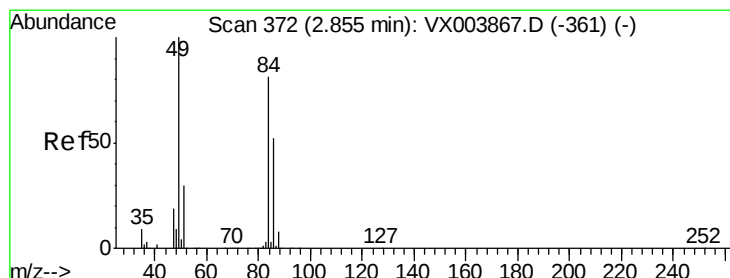
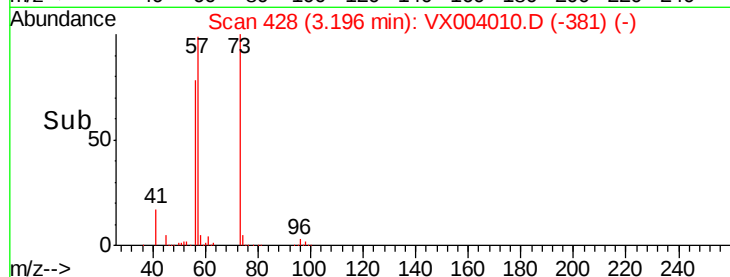
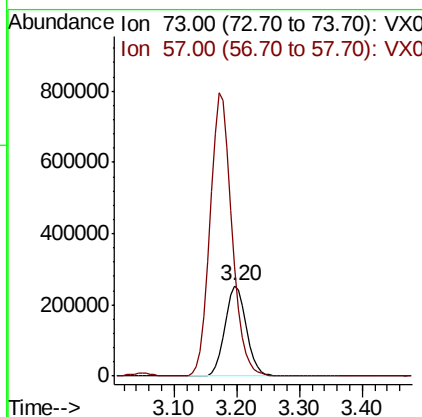
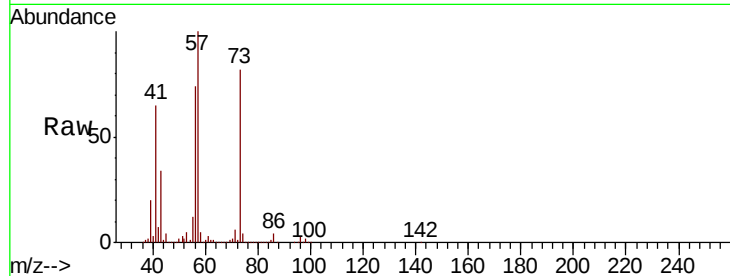
#19
Methvl tert-butvl Ether
Concen: 51.69 ug/l
RT: 3.20 min Scan# 428
Delta R.T. -0.01 min
Lab File: VX004010.D
Acq: 13 Aug 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
FL-0540MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	121.2	18.0	27.0#

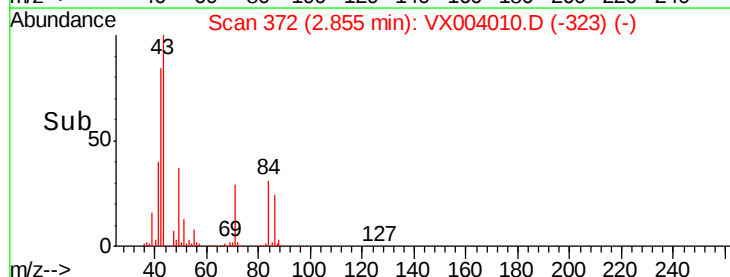
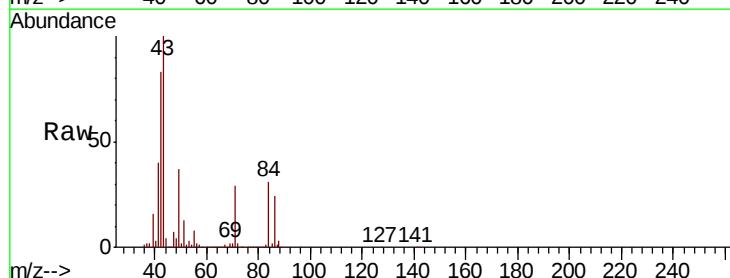
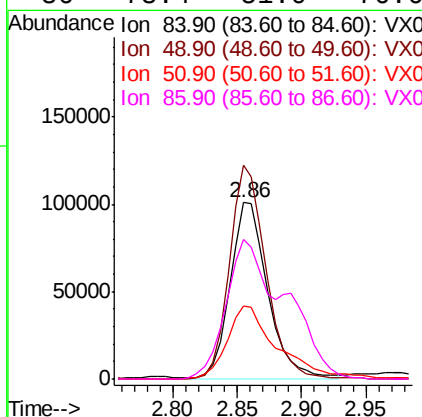
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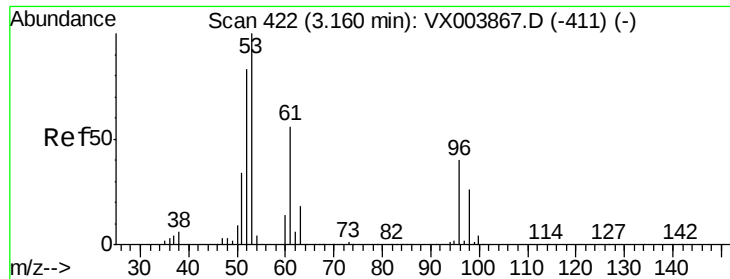
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#20
Methylene Chloride
Concen: 35.53 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX004010.D
Acq: 13 Aug 2018 19:40

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.7	98.9	148.3
51	41.3	29.9	44.9
86	78.4	51.0	76.6#





#21

trans-1,2-Dichloroethene

Concen: 48.23 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

Instrument :

MSVOA_X

ClientSampleId :

FL-0540MS

Tot Ion: 96 Resp: 178182

Ion Ratio Lower Upper

96 100

61 140.2 111.8 167.6

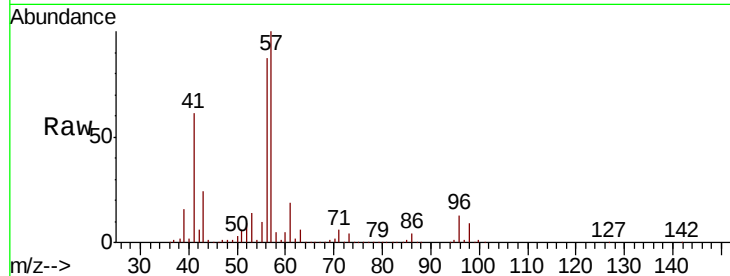
98 66.1 51.8 77.6

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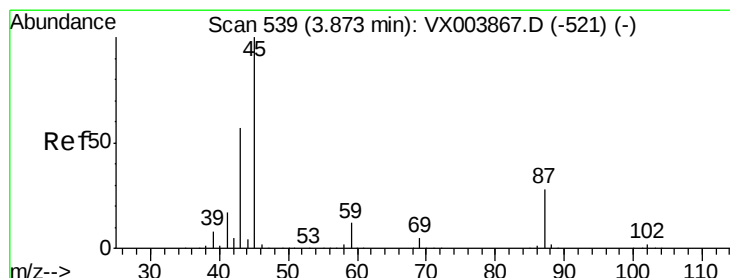
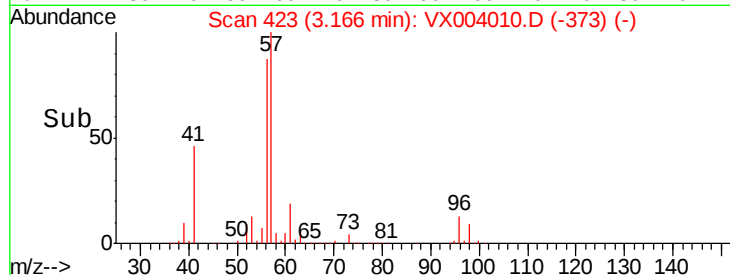
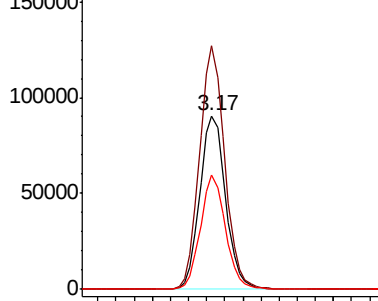
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Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 53.30 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

Tgt Ion: 45 Resp: 614545

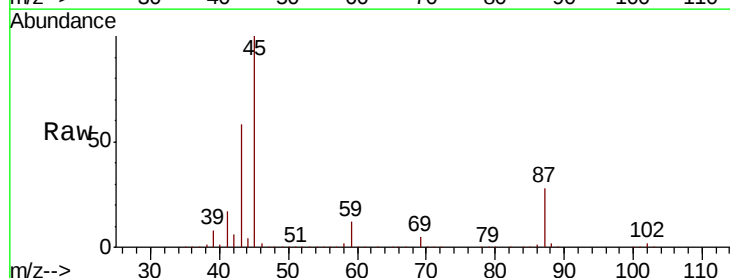
Ion Ratio Lower Upper

45 100

43 57.3 45.3 67.9

87 27.9 22.7 34.1

59 12.1 9.6 14.4

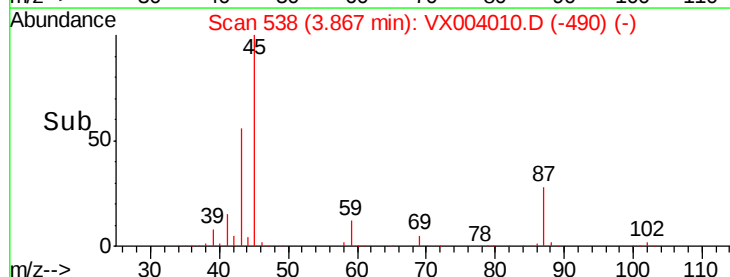
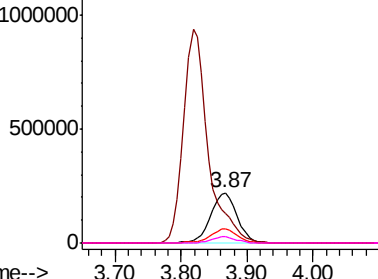


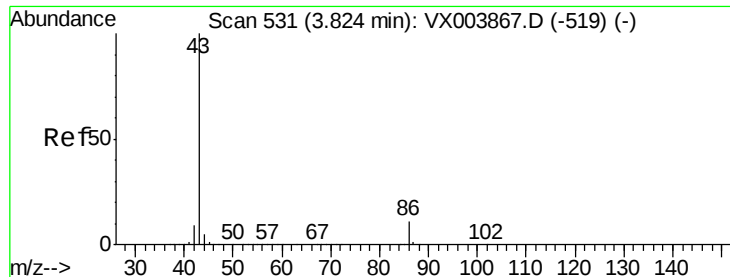
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 252.72 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.01 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

Instrument :

MSVOA_X

ClientSampled :

FL-0540MS

Tot Ion: 43 Resp: 2424603

Ion Ratio Lower Upper

43 100

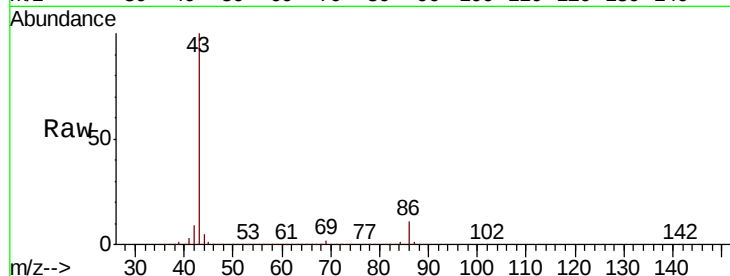
86 10.9 8.9 13.3

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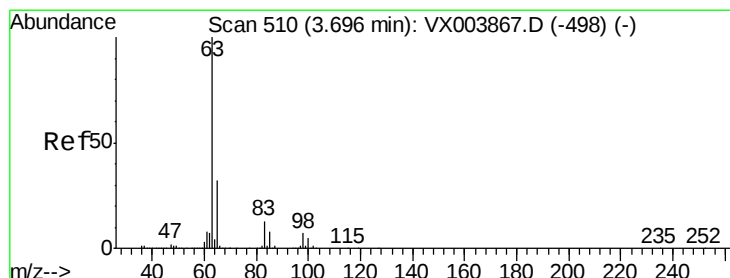
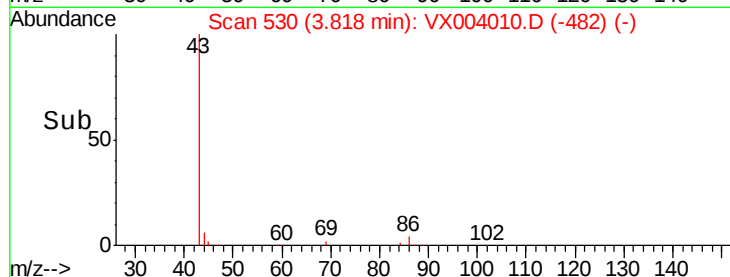
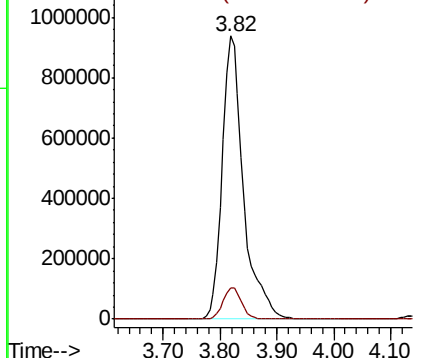
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.04 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

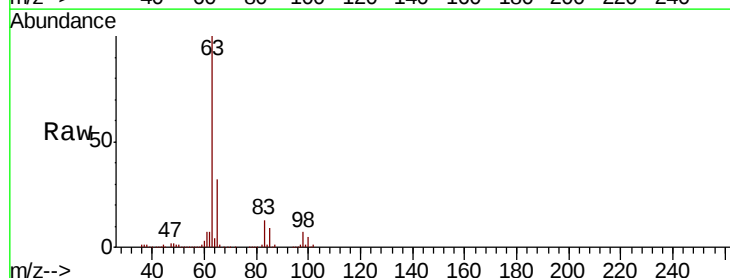
Tgt Ion: 63 Resp: 342761

Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

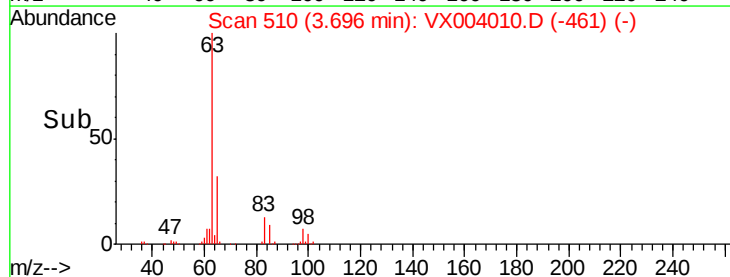
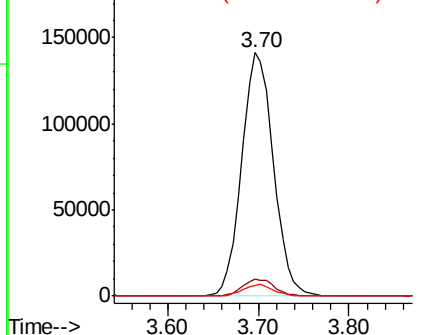
100 4.6 2.3 6.8

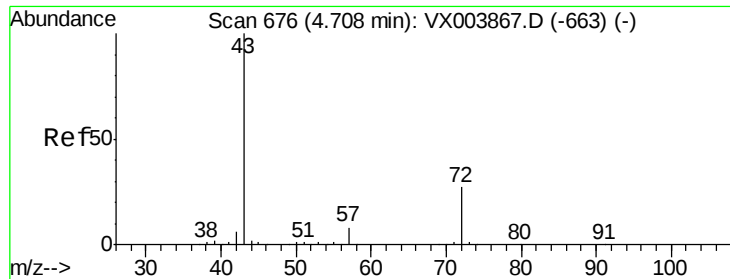


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 256.38 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

Instrument :

MSVOA_X

ClientSampleId :

FL-0540MS

Tot Ion: 43 Resp: 921607

Ion Ratio Lower Upper

43 100

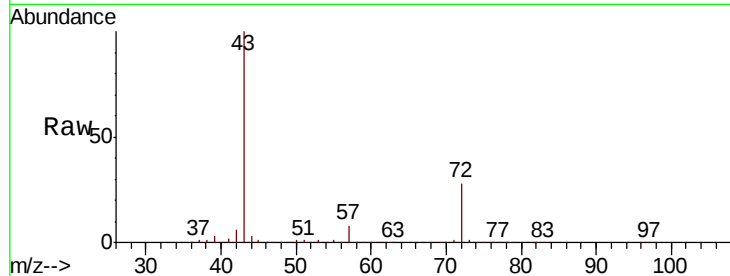
72 27.5 21.4 32.0

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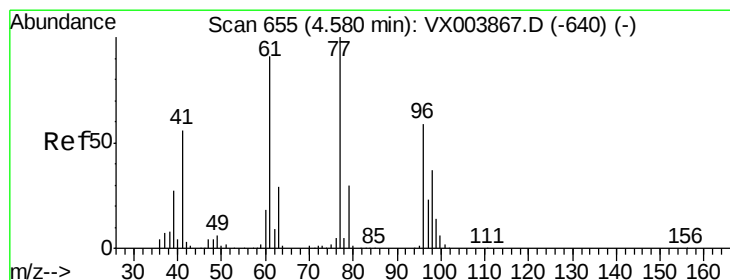
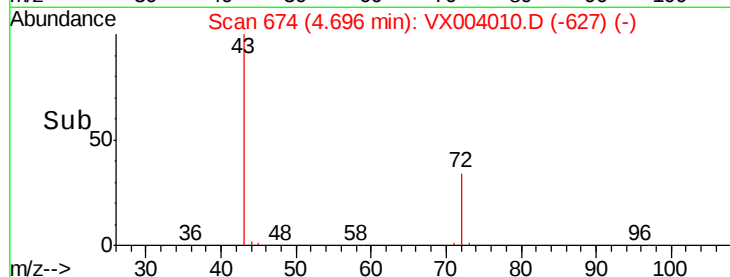
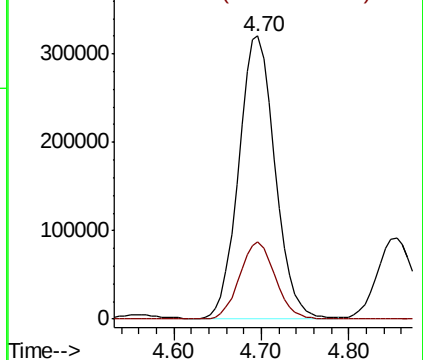
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 47.21 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX004010.D

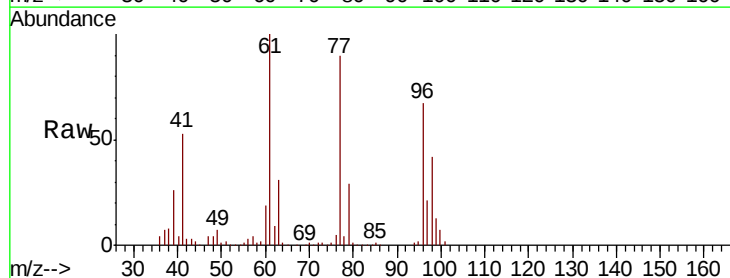
Acq: 13 Aug 2018 19:40

Tgt Ion: 77 Resp: 233211

Ion Ratio Lower Upper

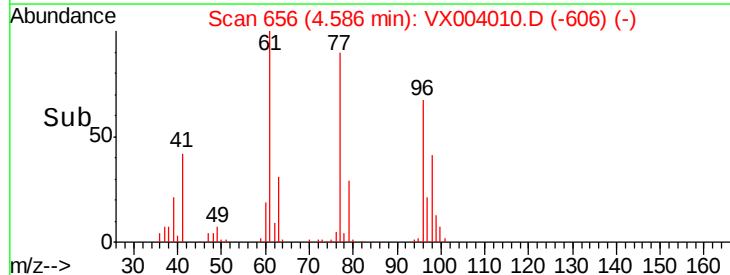
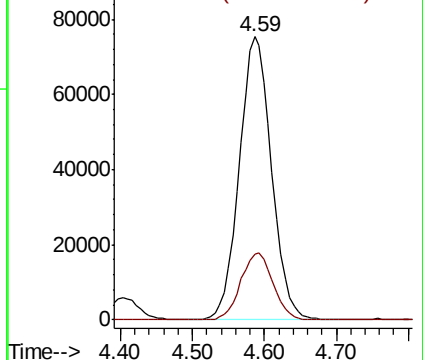
77 100

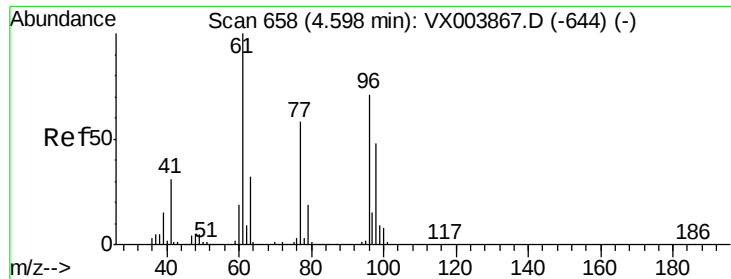
97 23.9 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 52.07 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

Instrument :

MSVOA_X

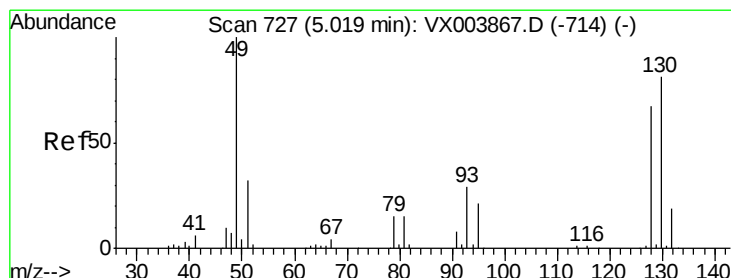
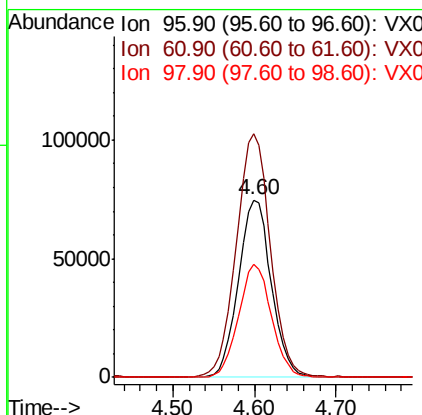
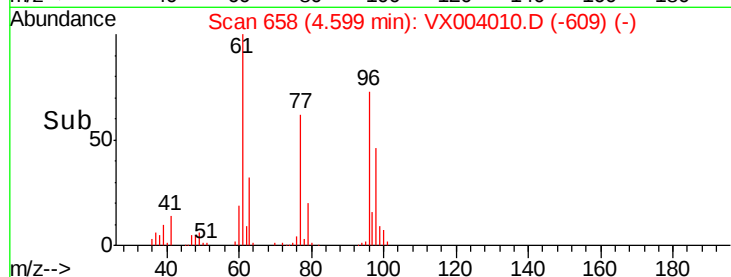
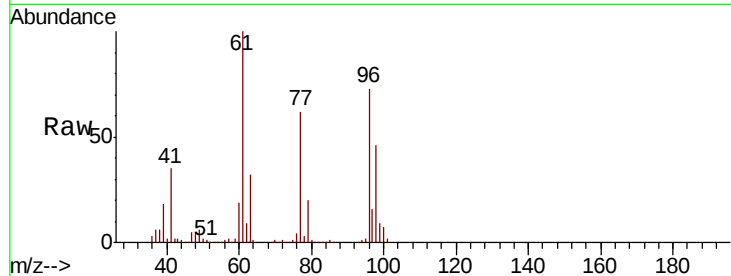
ClientSampleId :

FL-0540MS

Tot Ion:	96	Resp:	208705
Ion Ratio	Lower	Upper	
96	100		
61	142.9	0.0	293.0
98	64.0	0.0	131.8

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#28

Bromochloromethane

Concen: 51.54 ug/l

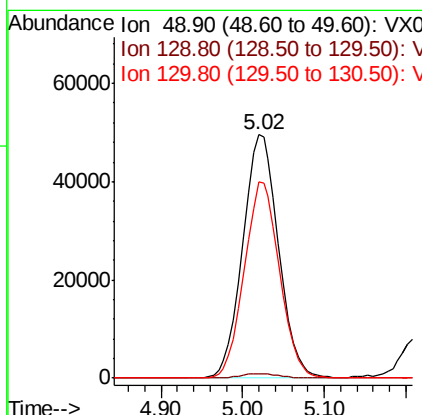
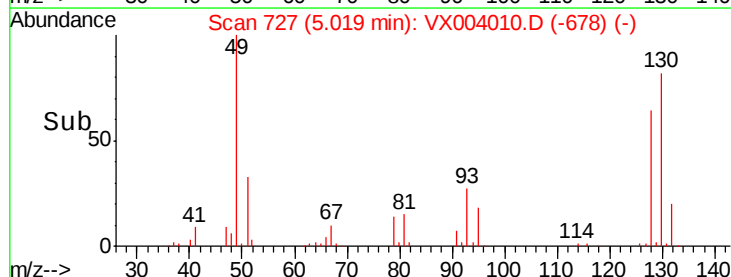
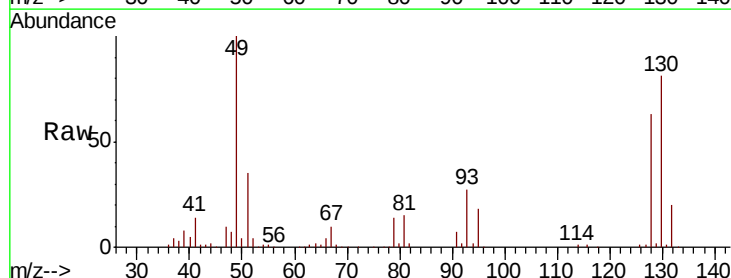
RT: 5.02 min Scan# 727

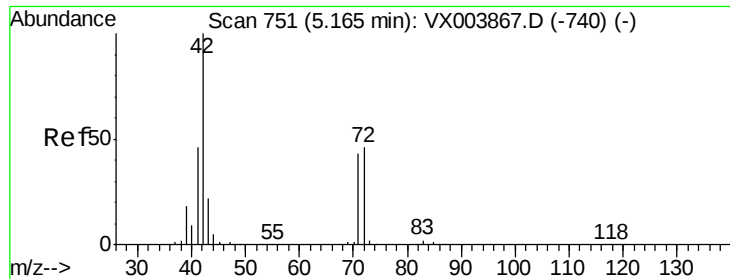
Delta R.T. 0.00 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

Tgt Ion:	49	Resp:	151065
Ion Ratio	Lower	Upper	
49	100		
129	2.1	0.0	4.2
130	79.7	66.5	99.7





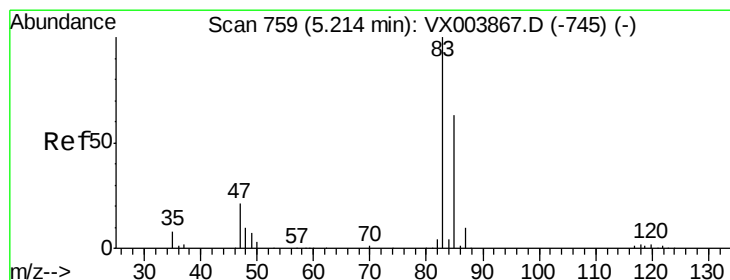
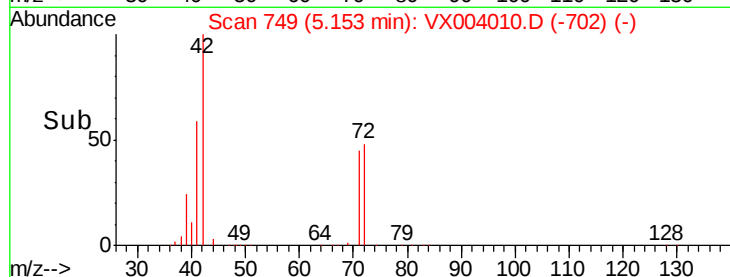
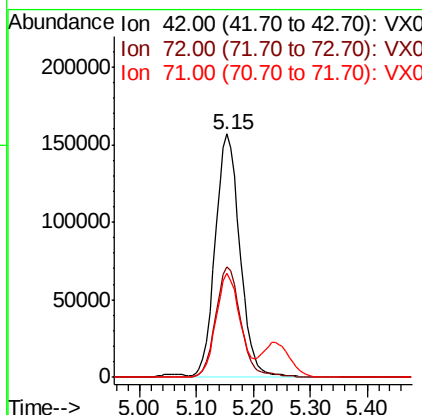
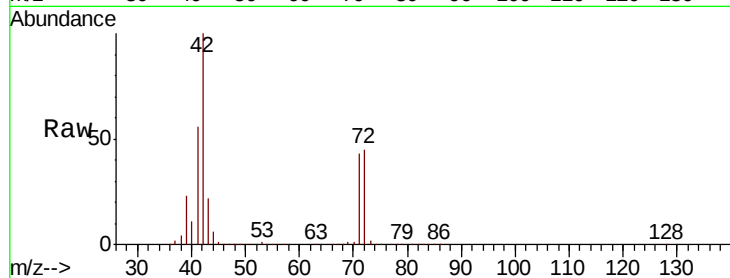
#29
Tetrahydrofuran
Concen: 254.43 ug/l
RT: 5.15 min Scan# 749
Delta R.T. -0.01 min
Lab File: VX004010.D
Acq: 13 Aug 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
FL-0540MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.4	37.7	56.5
71	42.5	35.0	52.6

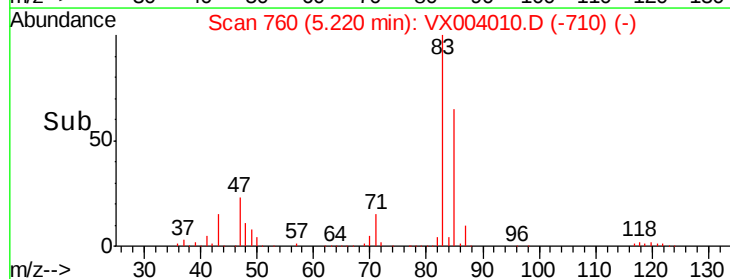
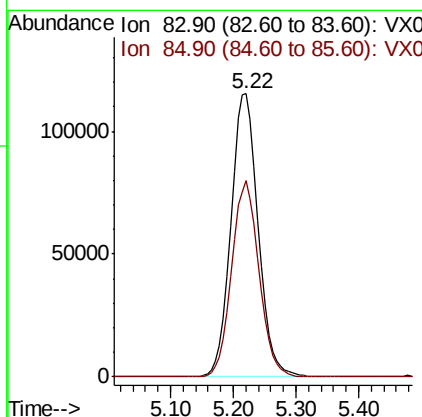
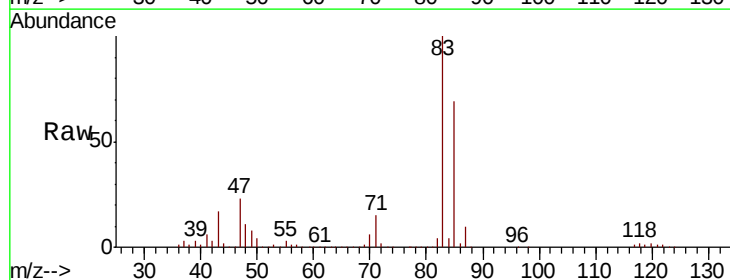
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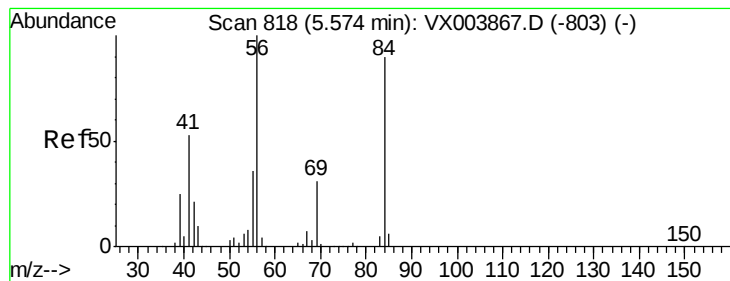
MMDadoda
8/14/2018 12:56:11 PM



#30
Chloroform
Concen: 53.75 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX004010.D
Acq: 13 Aug 2018 19:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	69.2	50.7	76.1





#31

Cyclohexane

Concen: 247.94 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

Instrument :

MSVOA_X

ClientSampled :

FL-0540MS

Tot Ion: 56 Resp: 1436175

Ion Ratio Lower Upper

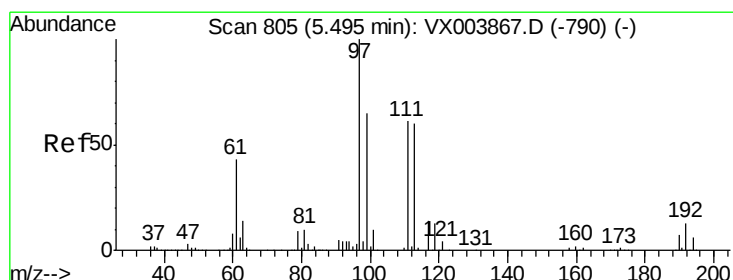
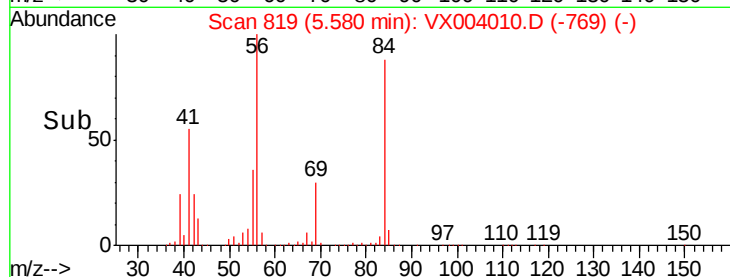
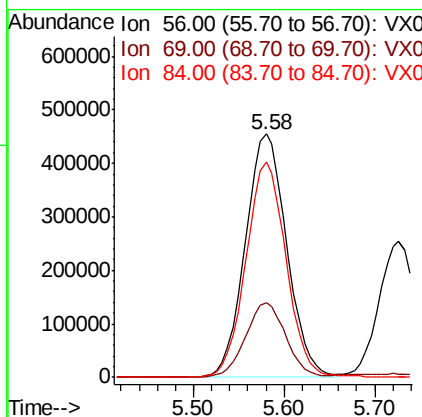
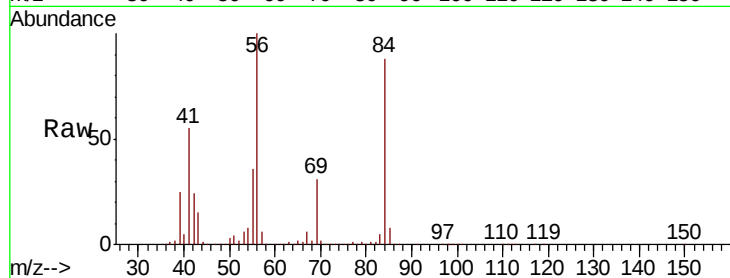
56 100

69 30.2 24.9 37.3

84 88.1 71.7 107.5

Manual Integrations
APPROVED

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#32

1,1,1-Trichloroethane

Concen: 52.68 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

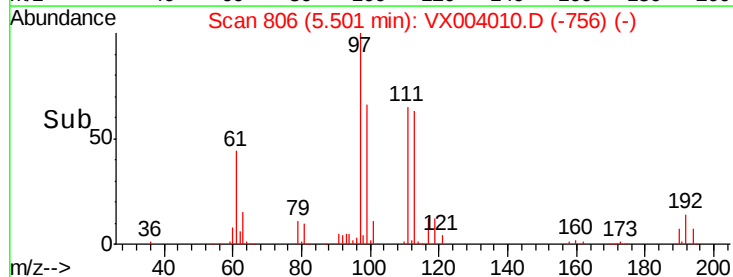
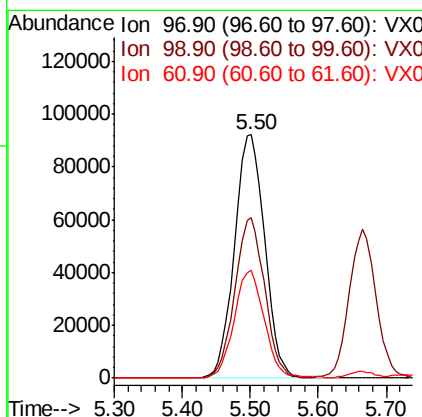
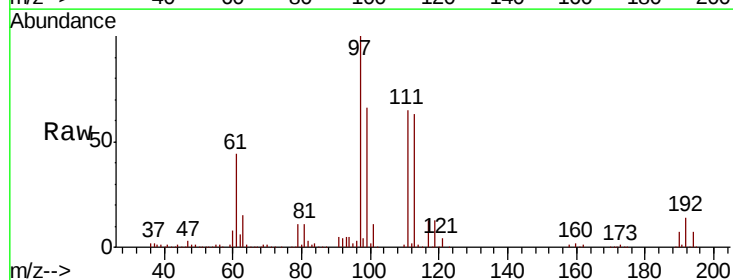
Tgt Ion: 97 Resp: 284879

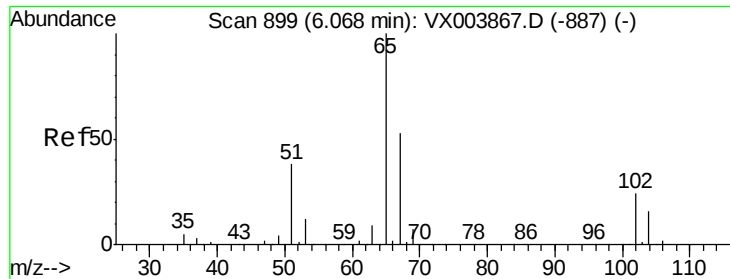
Ion Ratio Lower Upper

97 100

99 64.8 51.8 77.8

61 44.1 34.4 51.6





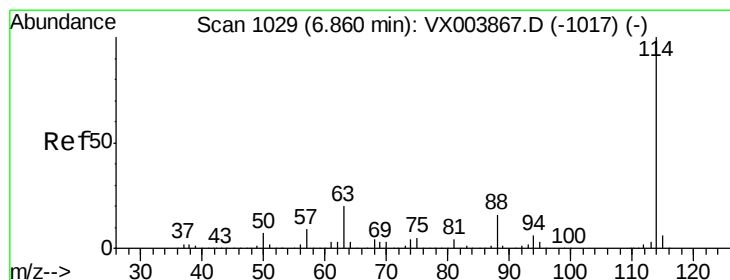
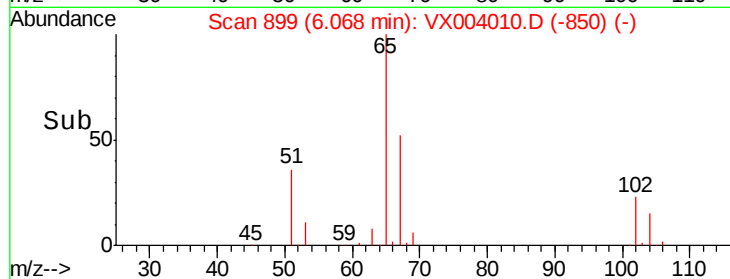
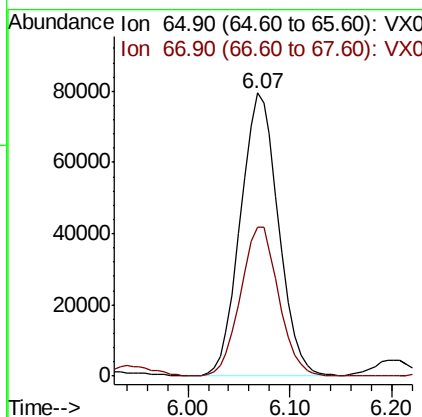
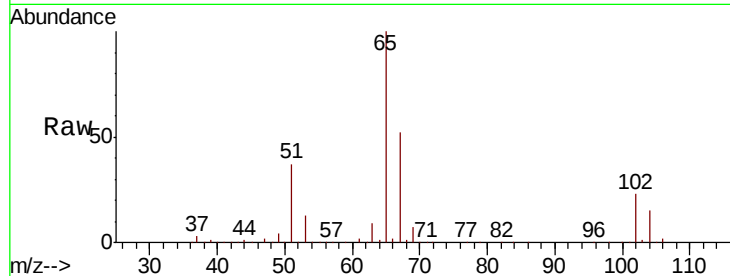
#33
 1,2-Dichloroethane-d4
 Concen: 51.18 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX004010.D
 Acq: 13 Aug 2018 19:40

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0540MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	205678		
67	52.6	0.0	105.8	

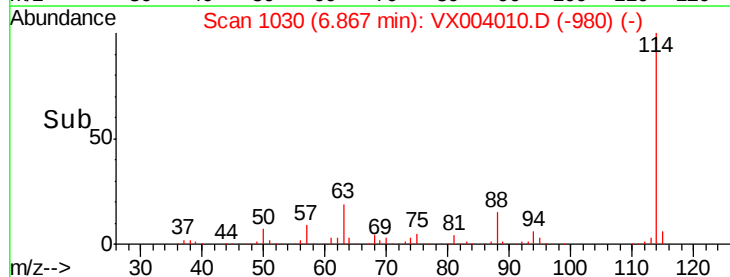
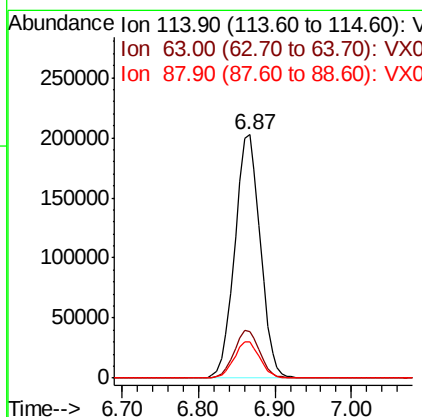
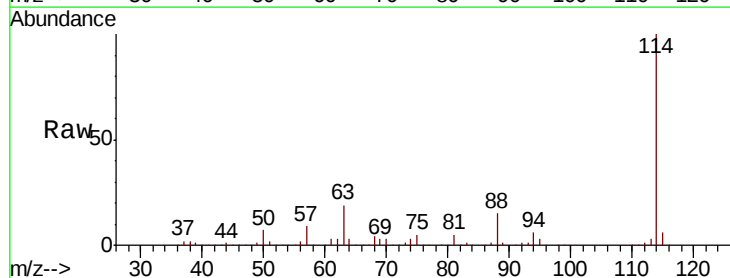
Manual Integrations
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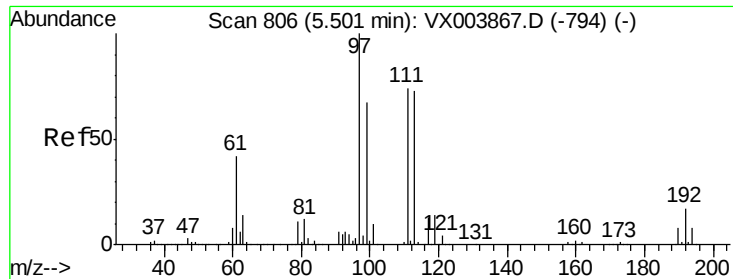
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX004010.D
 Acq: 13 Aug 2018 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	469234		
63	19.3	0.0	39.0	
88	14.6	0.0	32.0	





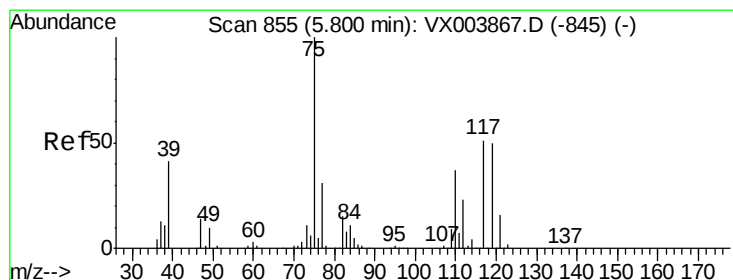
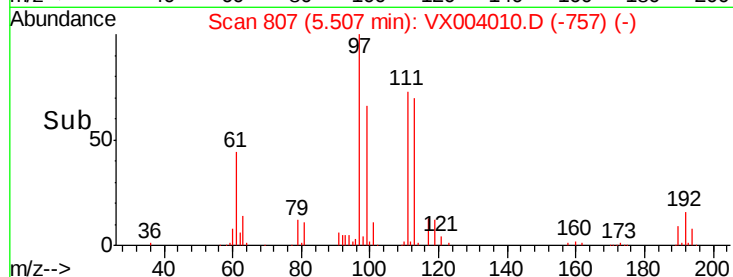
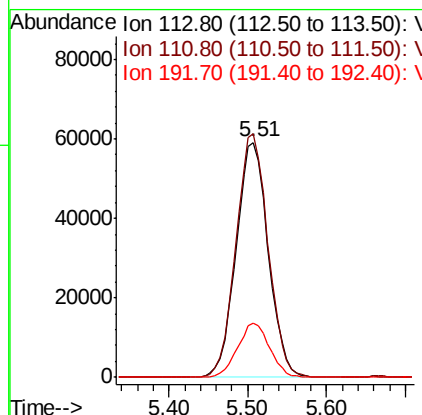
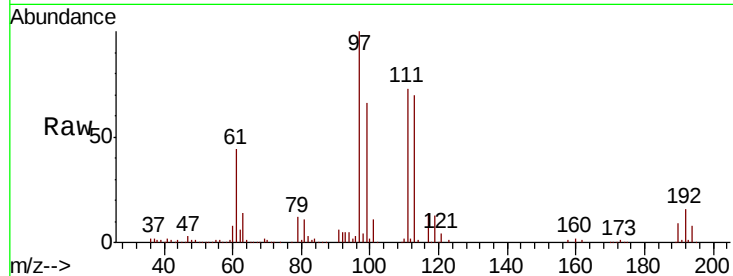
#35
 Dibromofluoromethane
 Concen: 47.09 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX004010.D
 Acq: 13 Aug 2018 19:40

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0540MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	167409		
111	103.5	82.0	123.0	
192	22.8	19.0	28.4	

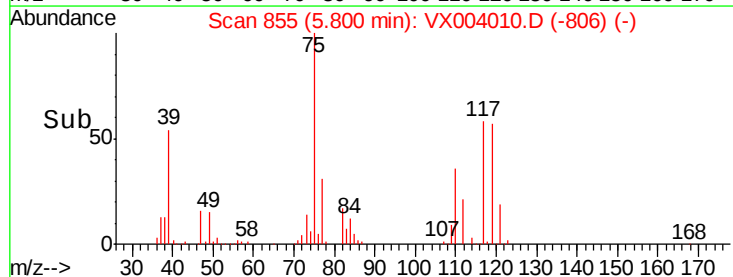
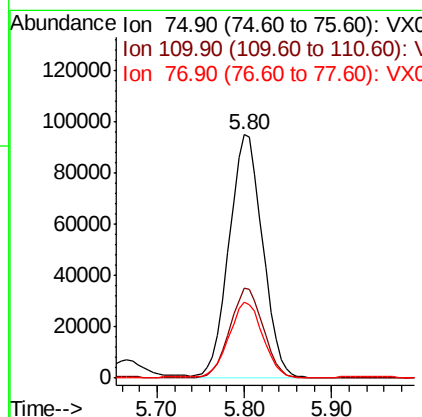
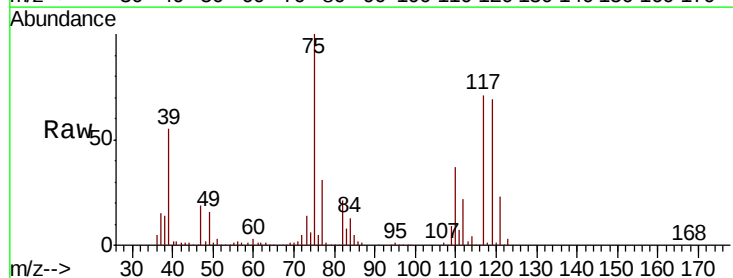
Manual Integrations
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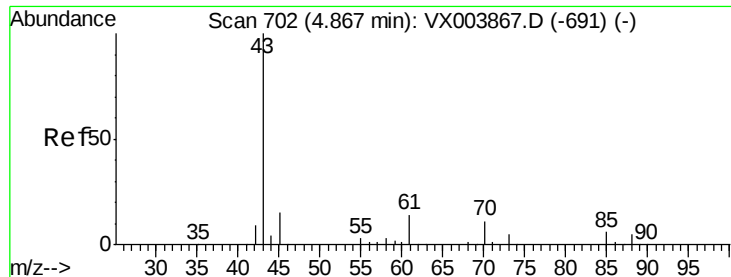
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#36
 1,1-Dichloropropene
 Concen: 48.18 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX004010.D
 Acq: 13 Aug 2018 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	253234		
110	36.7	18.2	54.6	
77	31.3	25.0	37.4	





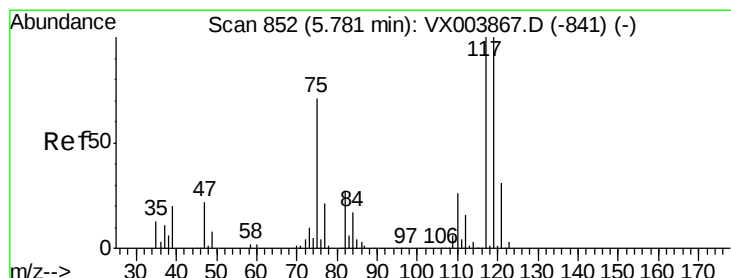
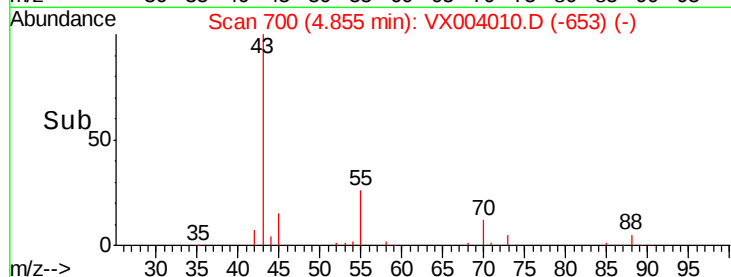
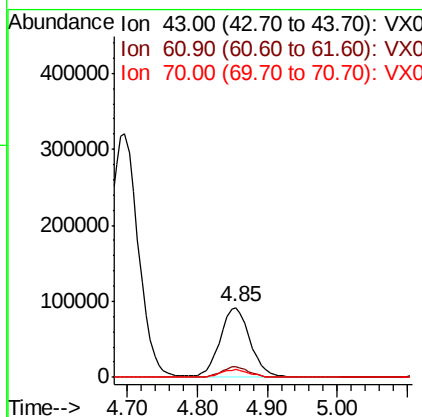
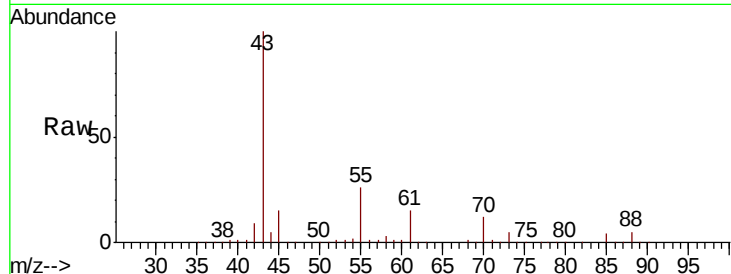
#37
Ethyl Acetate
Concen: 47.14 ug/l
RT: 4.85 min Scan# 700
Delta R.T. -0.01 min
Lab File: VX004010.D
Acq: 13 Aug 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
FL-0540MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.5	17.3
70	11.3	9.0	13.4

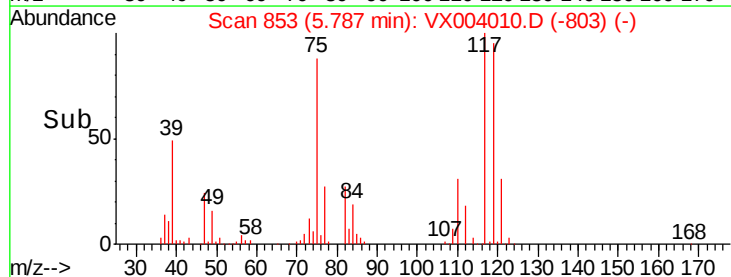
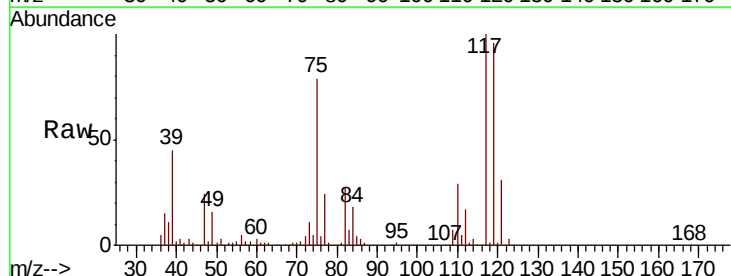
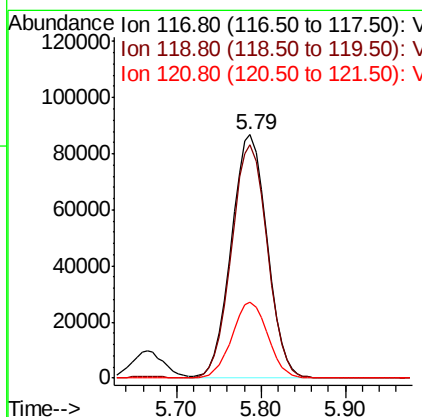
Manual Integrations
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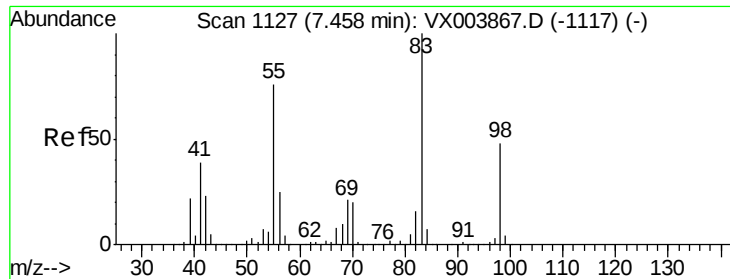
MMDadoda
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#38
Carbon Tetrachloride
Concen: 50.09 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX004010.D
Acq: 13 Aug 2018 19:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	79.5	119.3
121	31.0	25.0	37.4





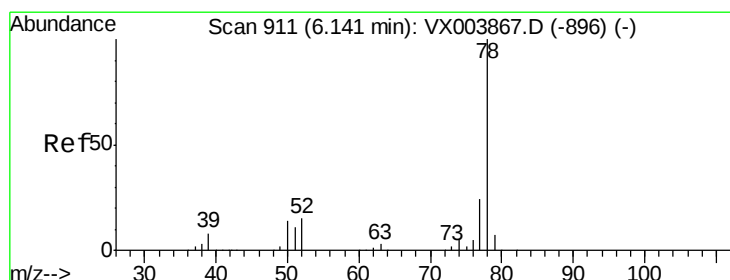
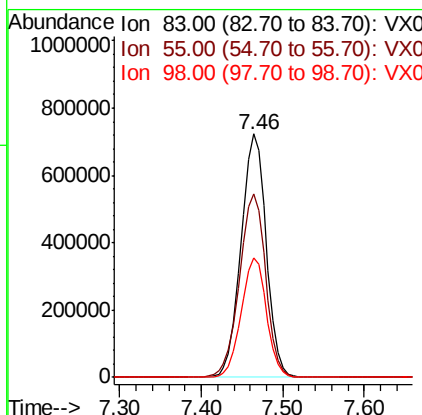
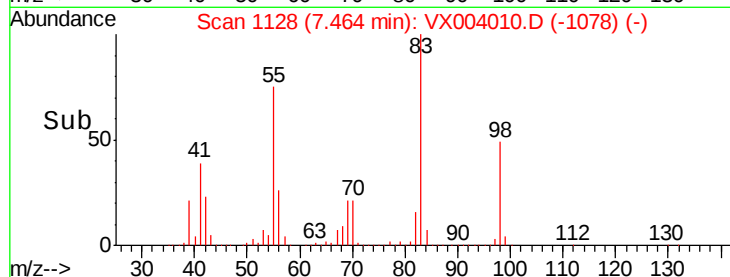
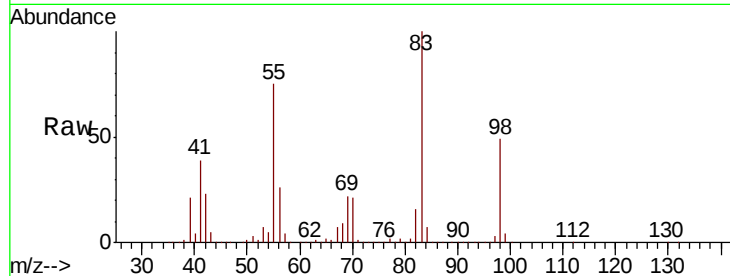
#39
Methylvlcyclohexane
Concen: 250.37 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX004010.D
Acq: 13 Aug 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
FL-0540MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.5	61.0	91.6
98	49.1	38.6	57.8

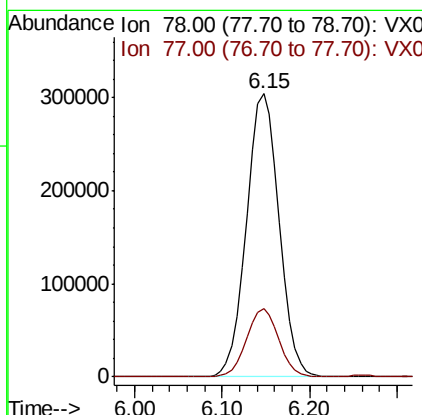
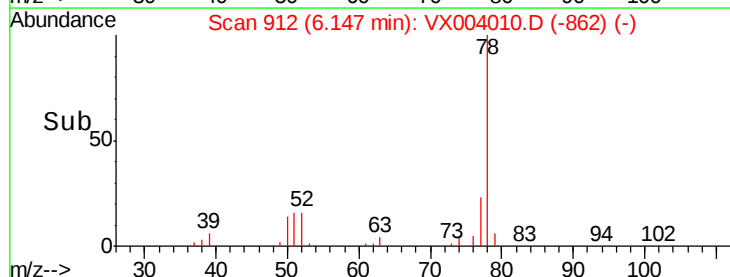
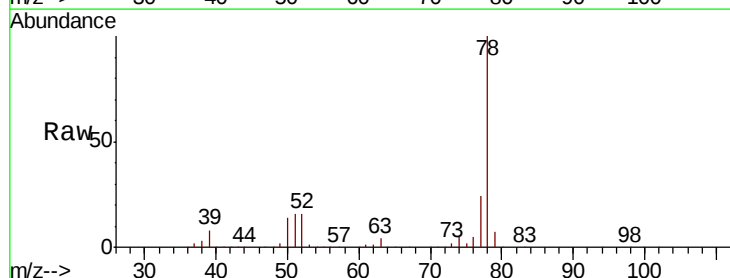
Manual Integrations
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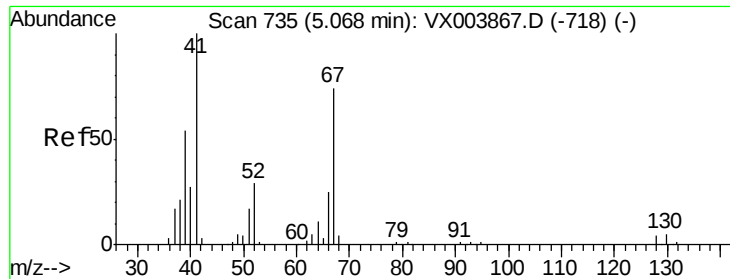
MMDadoda
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#40
Benzene
Concen: 50.08 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX004010.D
Acq: 13 Aug 2018 19:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.4





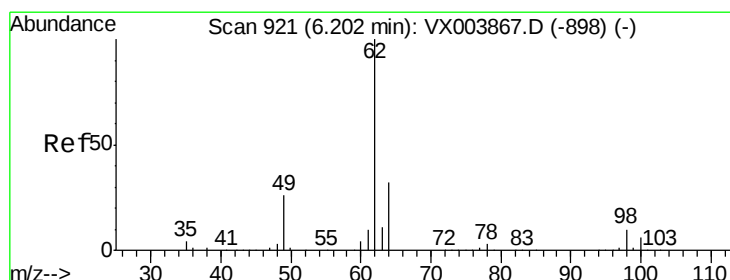
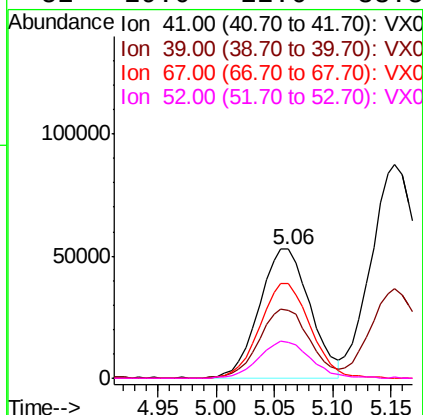
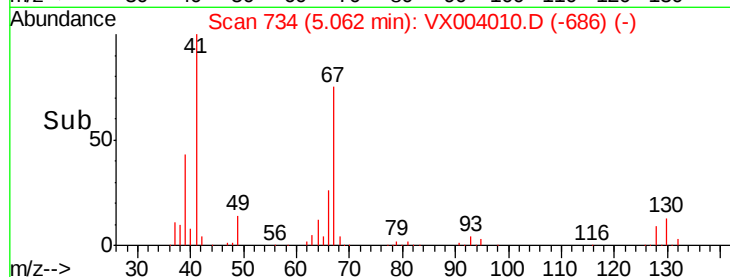
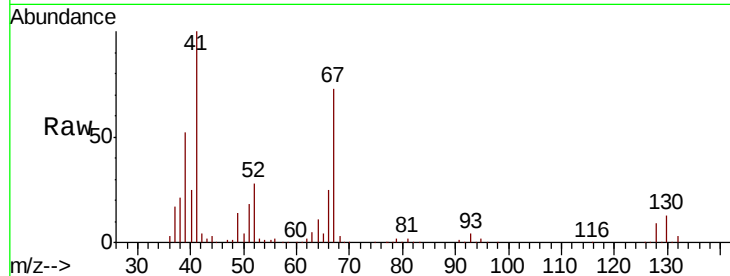
#41
Methacrylonitrile
Concen: 49.88 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX004010.D
Acq: 13 Aug 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
FL-0540MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		158825		
39	53.1	42.7	64.1		
67	73.6	58.9	88.3		
52	29.0	22.6	33.8		

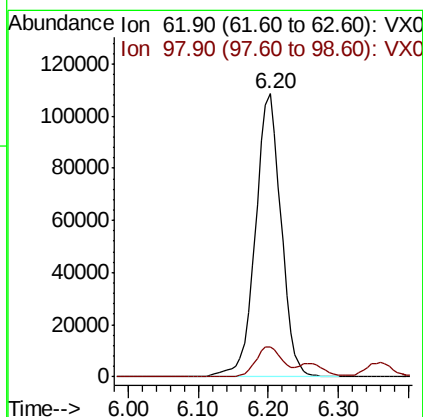
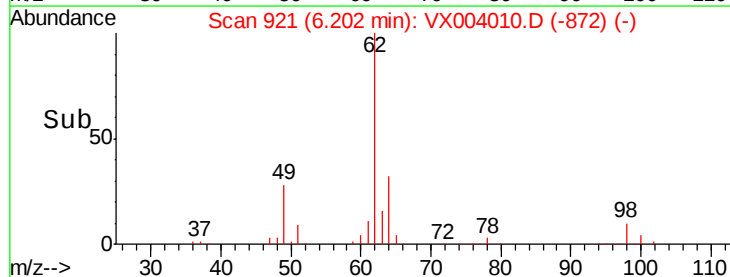
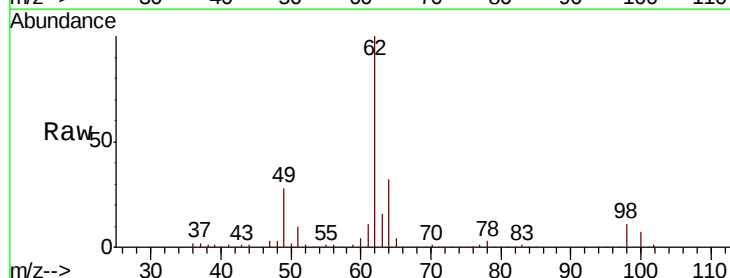
Manual Integrations
APPROVED

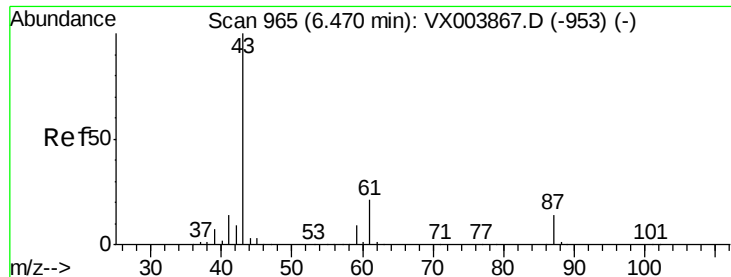
MMDadoda
8/14/2018 12:56:11 PM



#42
1,2-Dichloroethane
Concen: 51.87 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX004010.D
Acq: 13 Aug 2018 19:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		276755		
98	11.3	0.0	20.4		





#43

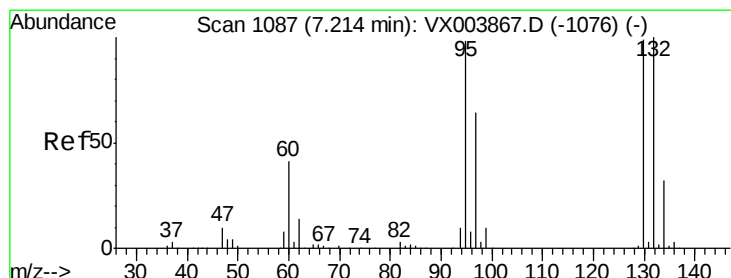
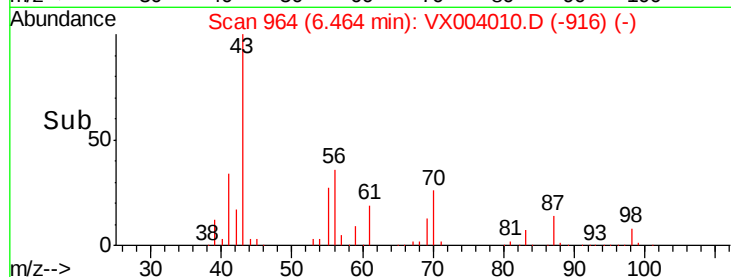
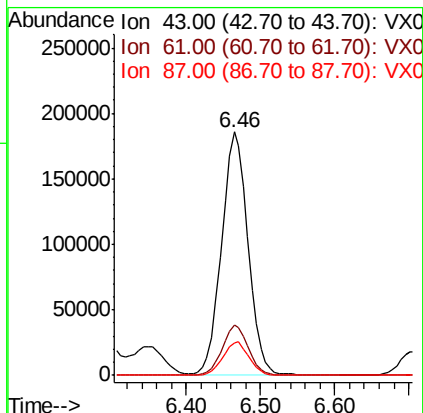
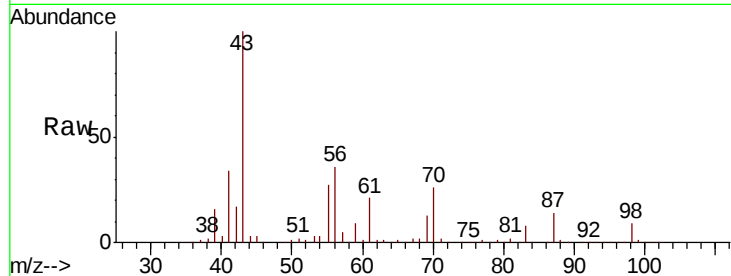
Isopropyl Acetate
 Concen: 52.70 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX004010.D
 Acq: 13 Aug 2018 19:40

Instrument :
 MSVOA_X
 ClientSampleID :
 FL-0540MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.9	25.3
87	13.6	11.3	16.9

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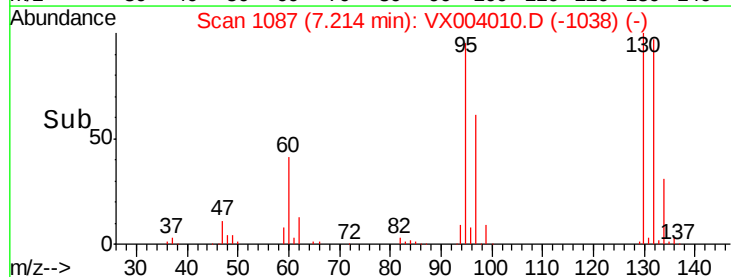
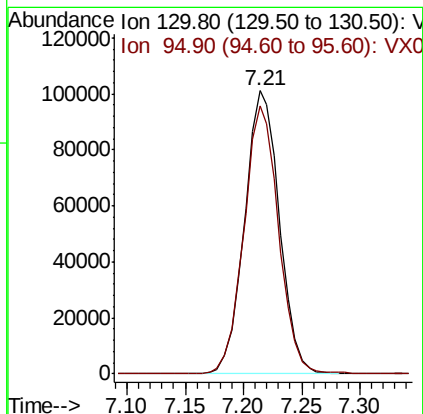
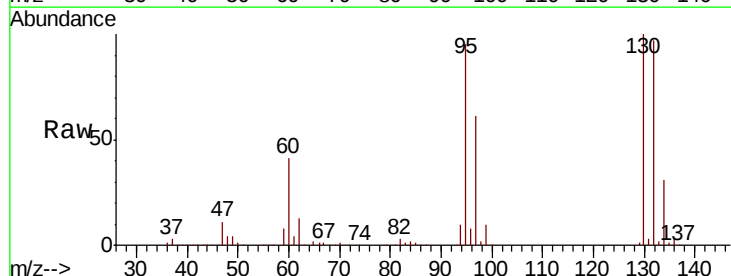
MMDadoda
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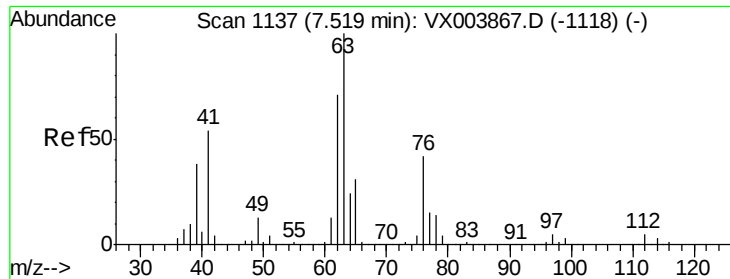


#44

Trichloroethene
 Concen: 48.90 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX004010.D
 Acq: 13 Aug 2018 19:40

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	199.4





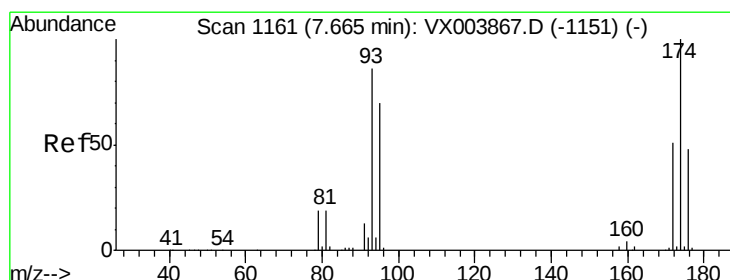
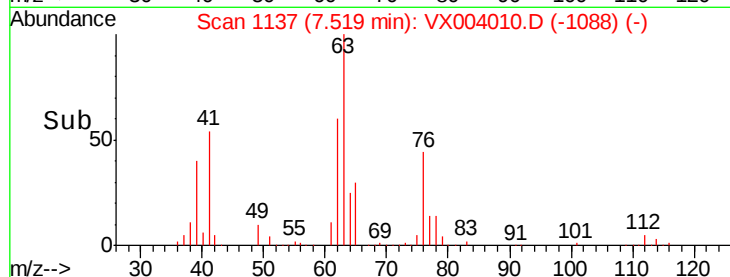
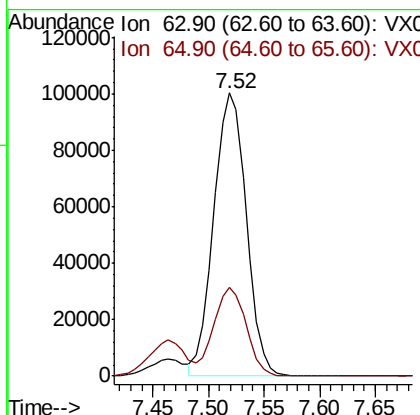
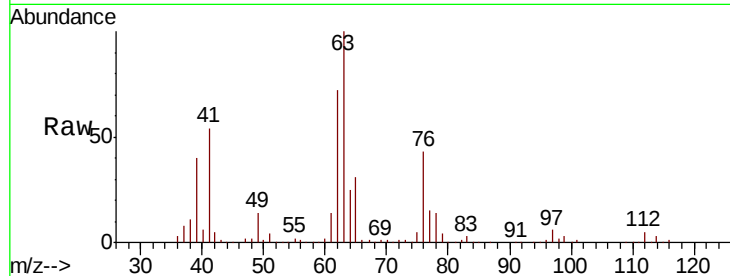
#45
 1,2-Dichloropropane
 Concen: 49.95 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX004010.D
 Acq: 13 Aug 2018 19:40

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0540MS

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	24.6	36.8

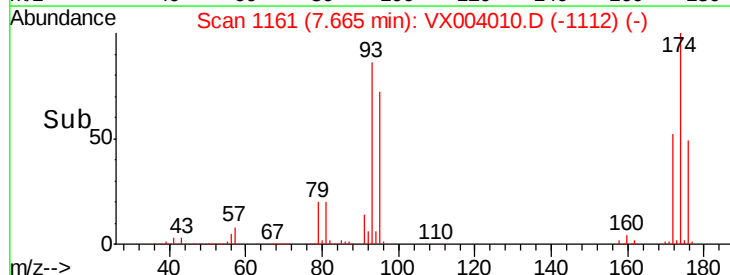
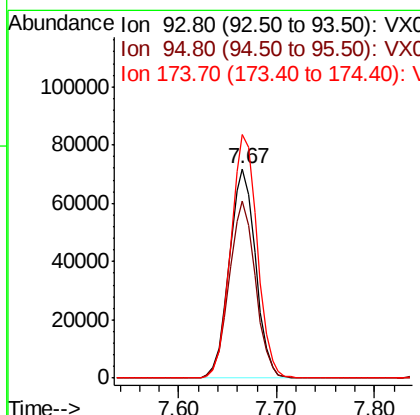
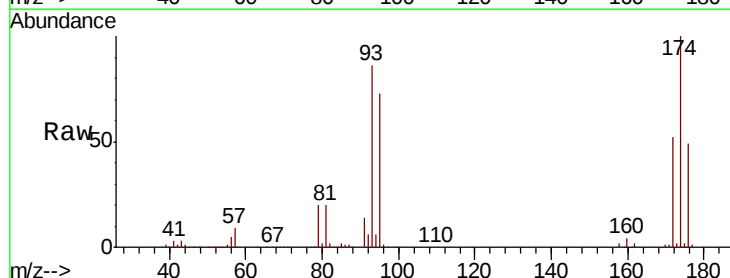
Manual Integrations
 APPROVED

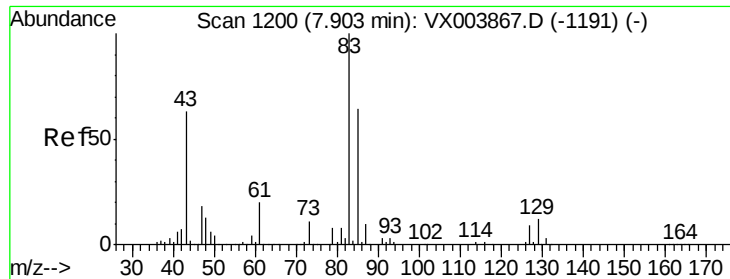
MMDadoda
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#46
 Dibromomethane
 Concen: 50.71 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX004010.D
 Acq: 13 Aug 2018 19:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	66.4	99.6
174	117.4	94.3	141.5





#47

Bromodichloromethane

Concen: 52.62 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

Instrument :

MSVOA_X

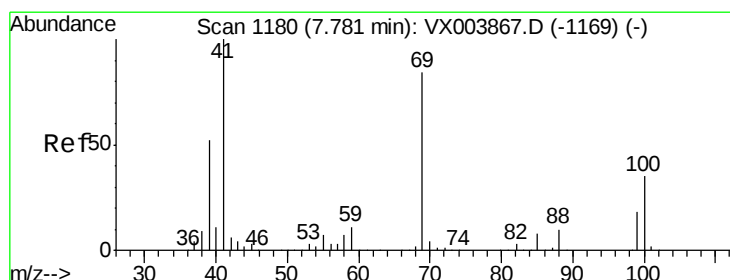
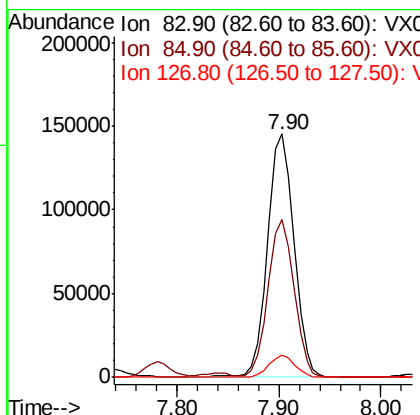
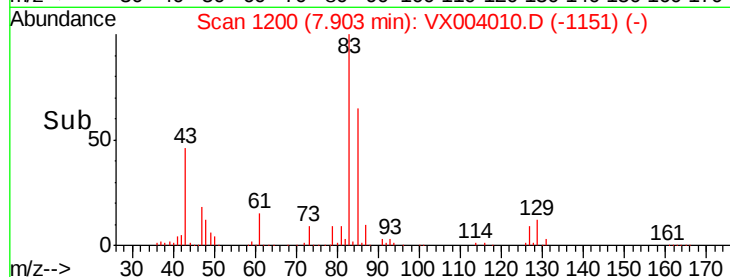
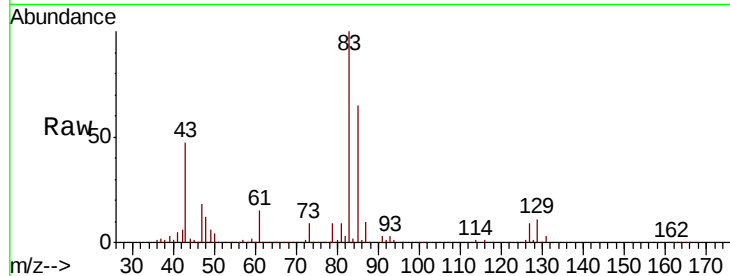
ClientSampleId :

FL-0540MS

Tot Ion:	83	Resp:	262287
Ion Ratio	Lower	Upper	
83	100		
85	64.6	51.2	76.8
127	9.3	7.2	10.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.28 ug/l

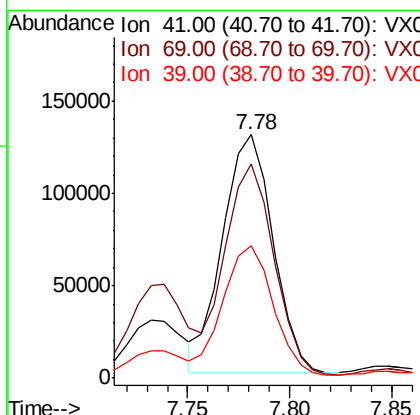
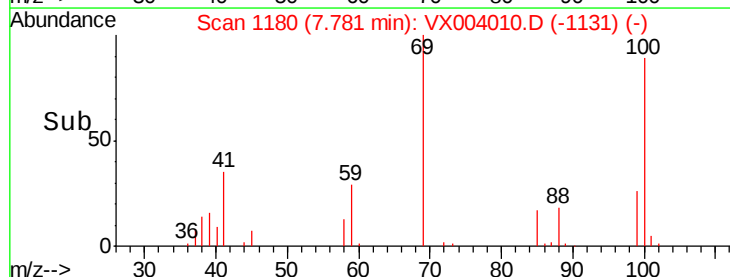
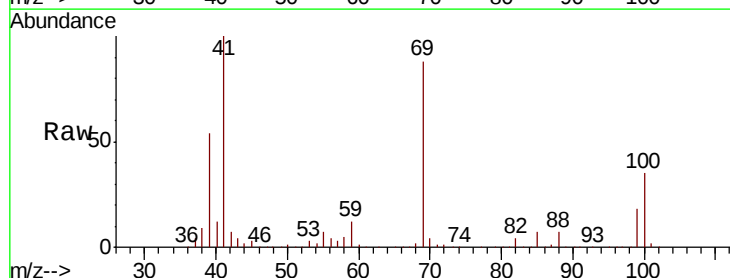
RT: 7.78 min Scan# 1180

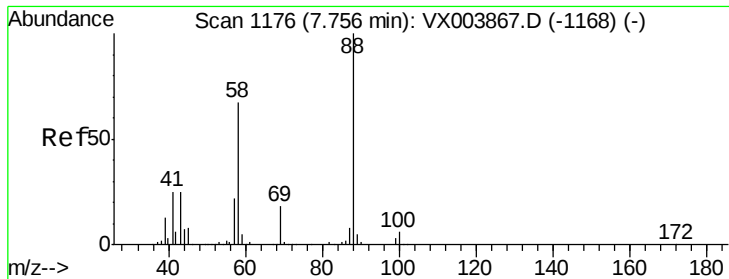
Delta R.T. 0.00 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

Tgt Ion:	41	Resp:	222361
Ion Ratio	Lower	Upper	
41	100		
69	87.9	68.8	103.2
39	55.8	42.3	63.5





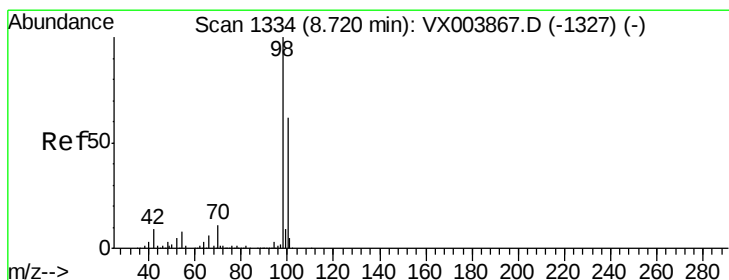
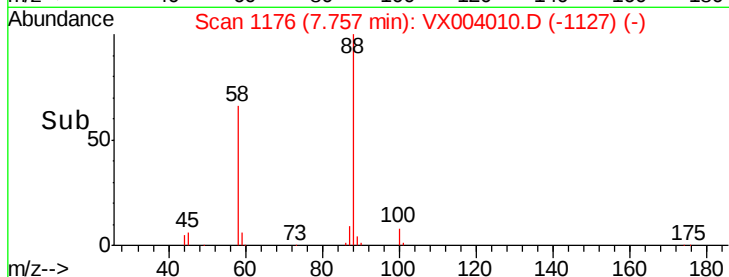
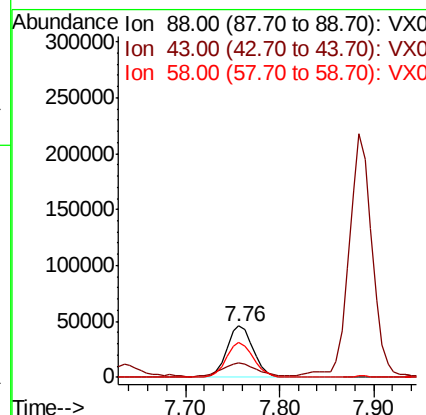
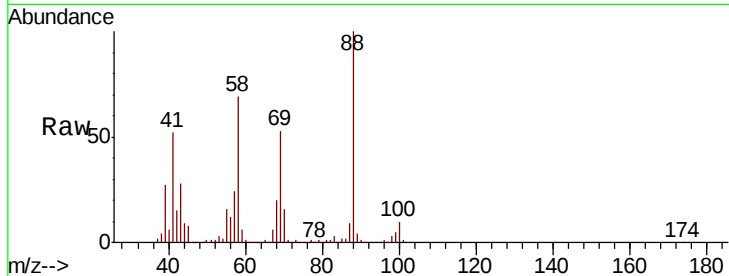
#49
1,4-Dioxane
Concen: 856.85 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX004010.D
Acq: 13 Aug 2018 19:40

Instrument :
MSVOA_X
ClientSampled :
FL-0540MS

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	34.5	23.8	35.8	
58	67.9	55.4	83.0	

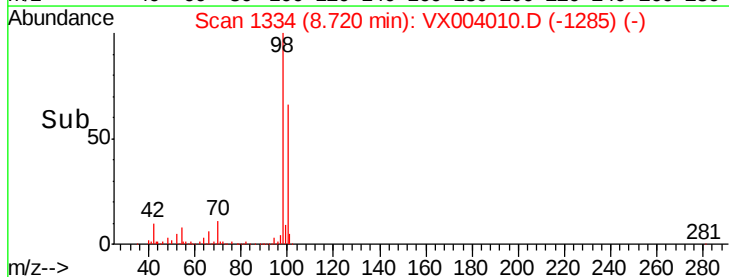
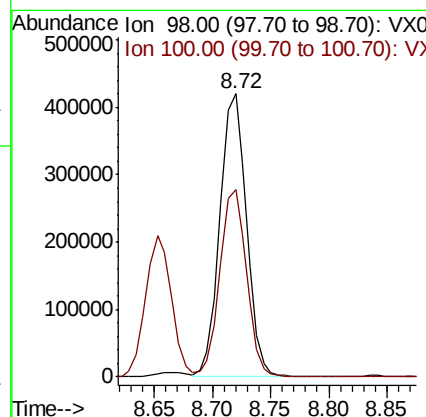
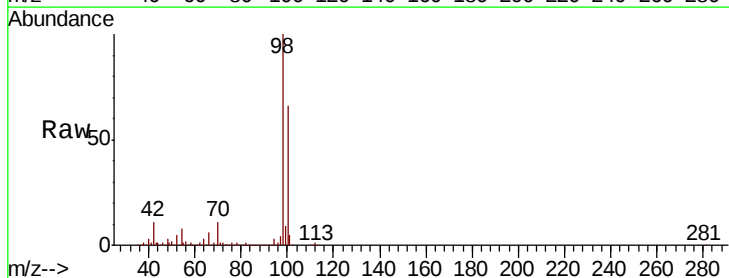
Manual Integrations
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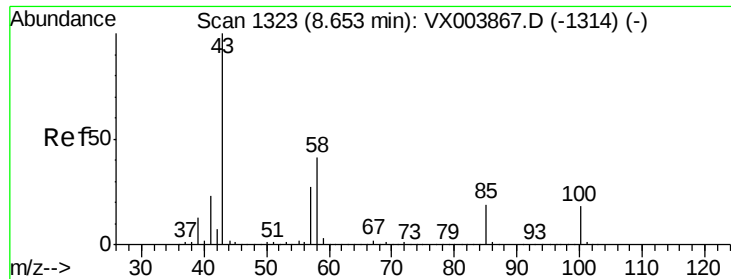
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#50
Toluene-d8
Concen: 47.87 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX004010.D
Acq: 13 Aug 2018 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
98	100			
100	66.6	53.3	79.9	





#51

4-Methyl-2-Pentanone

Concen: 259.99 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

Instrument :

MSVOA_X

ClientSampled :

FL-0540MS

Tot Ion: 43 Resp: 1874787

Ion Ratio Lower Upper

43 100

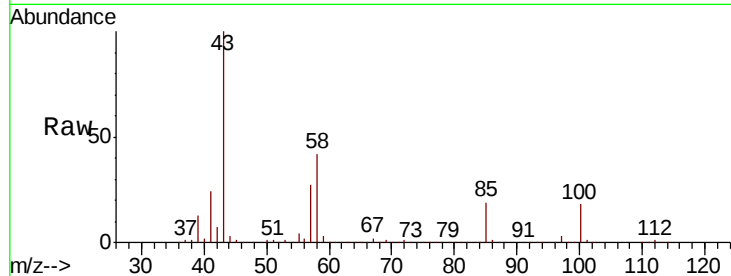
58 41.5 33.0 49.6

Manual Integrations

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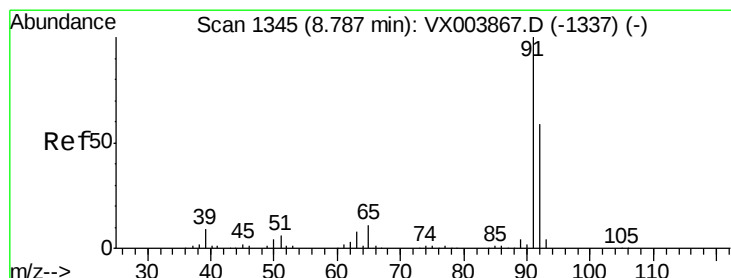
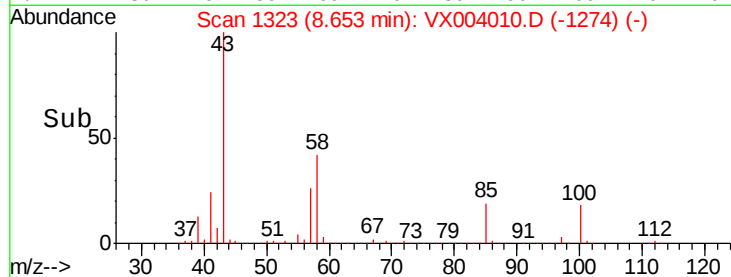
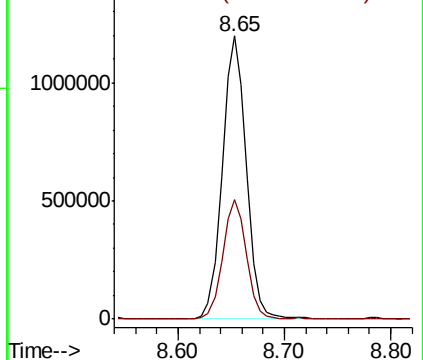
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 51.24 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX004010.D

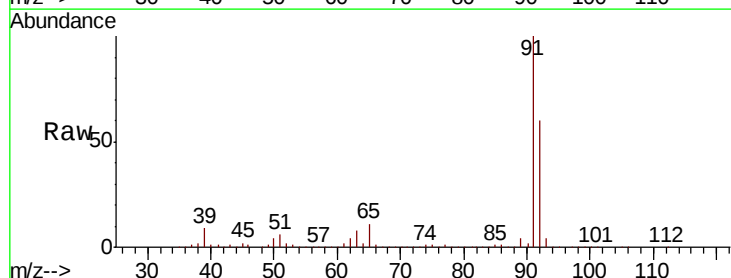
Acq: 13 Aug 2018 19:40

Tgt Ion: 92 Resp: 510903

Ion Ratio Lower Upper

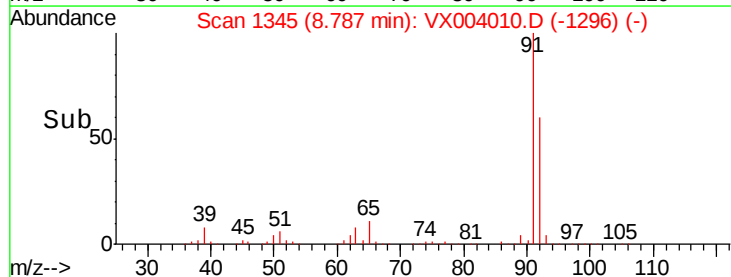
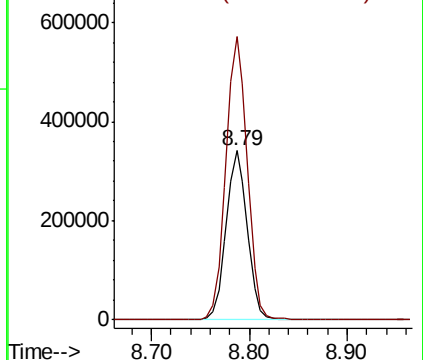
92 100

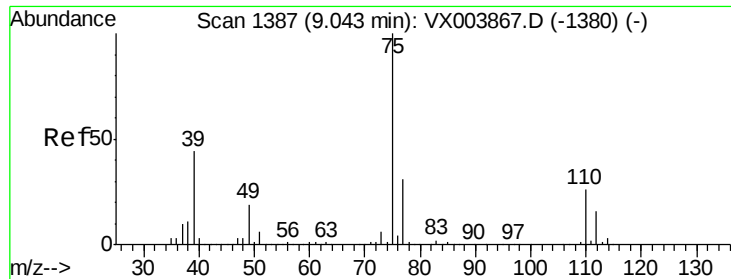
91 169.9 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





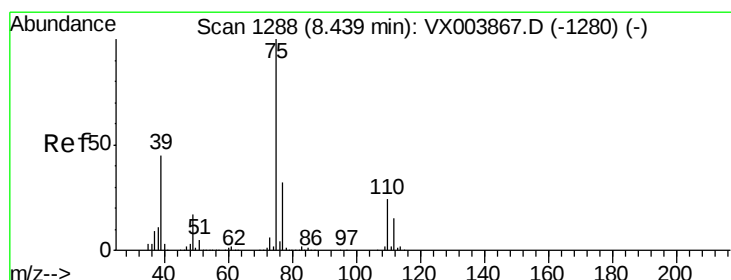
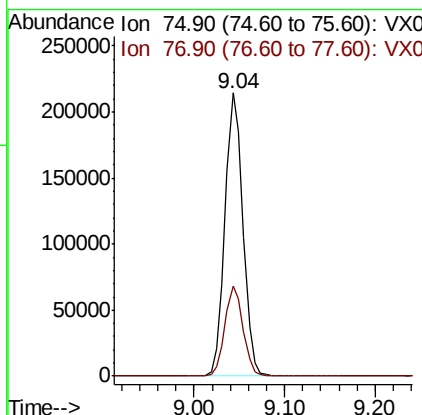
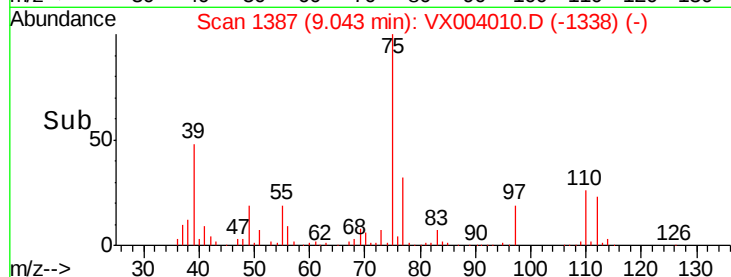
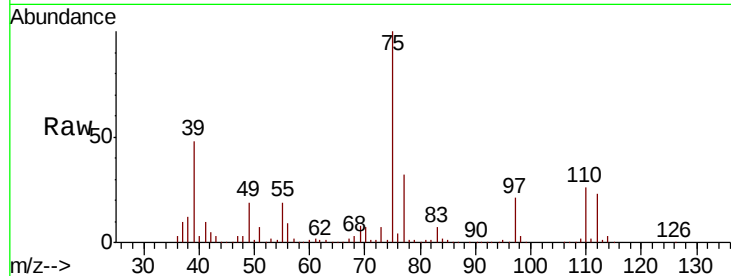
#53
 t-1,3-Dichloropropene
 Concen: 52.52 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VX004010.D
 Acq: 13 Aug 2018 19:40

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0540MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.1	37.7

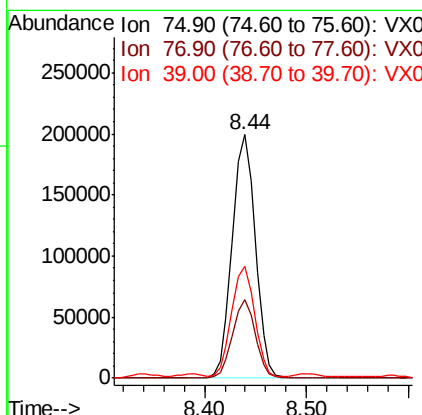
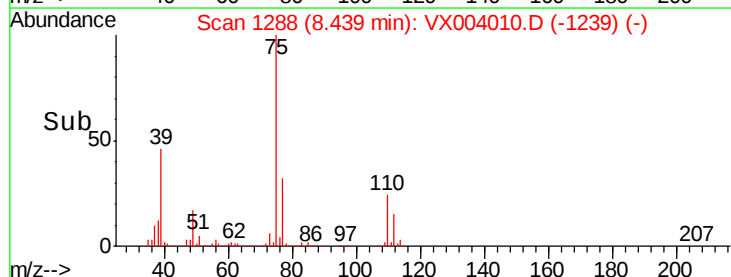
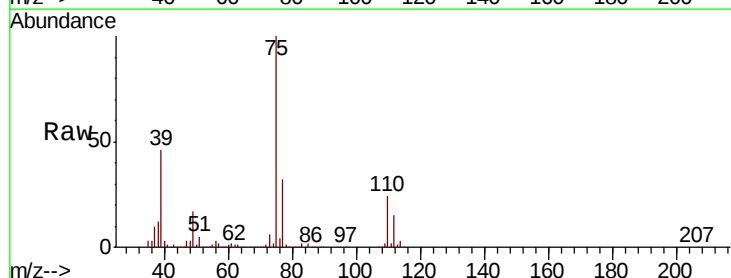
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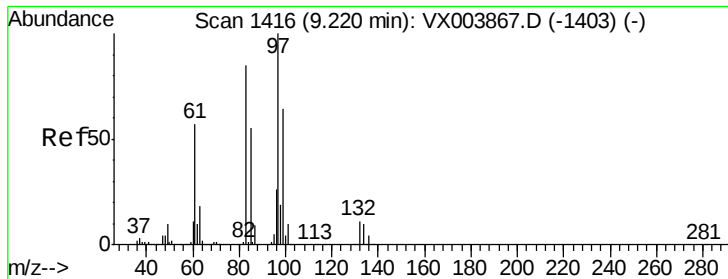
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#54
 cis-1,3-Dichloropropene
 Concen: 51.48 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX004010.D
 Acq: 13 Aug 2018 19:40

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.3	37.9
39	44.9	36.2	54.2





#55

1,1,2-Trichloroethane

Concen: 50.47 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

Instrument :

MSVOA_X

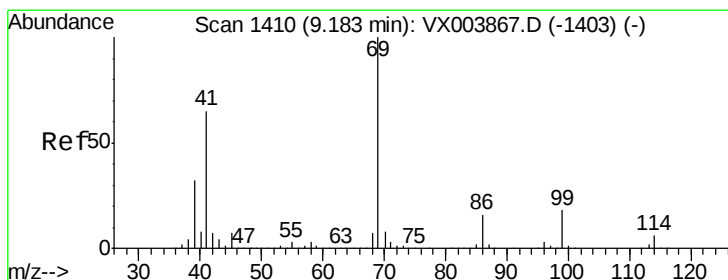
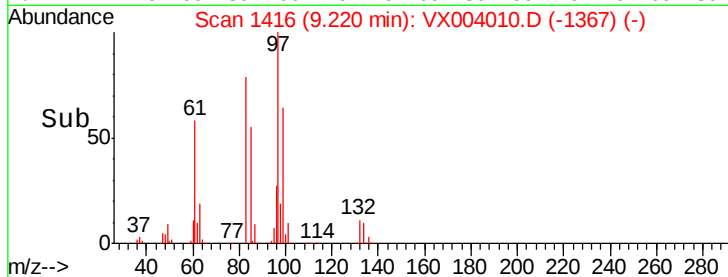
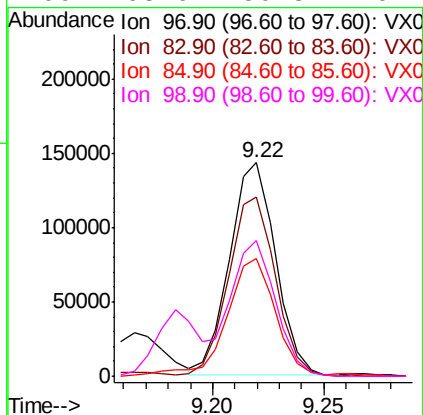
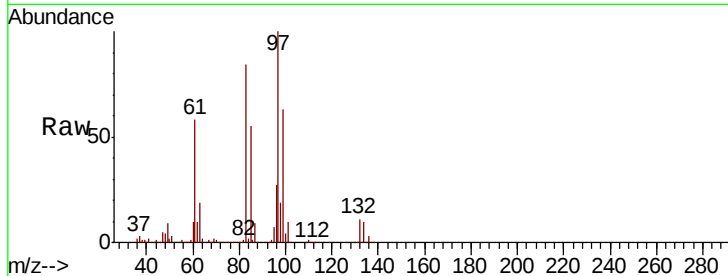
ClientSampled :

FL-0540MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		205663		
83	84.2	67.8	101.6		
85	54.4	44.2	66.2		
99	63.6	50.8	76.2		

Manual Integrations
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#56

Ethyl methacrylate

Concen: 56.09 ug/l

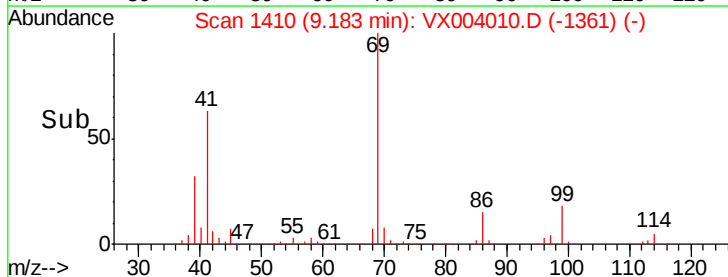
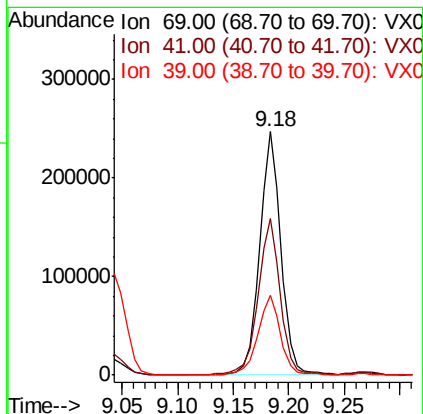
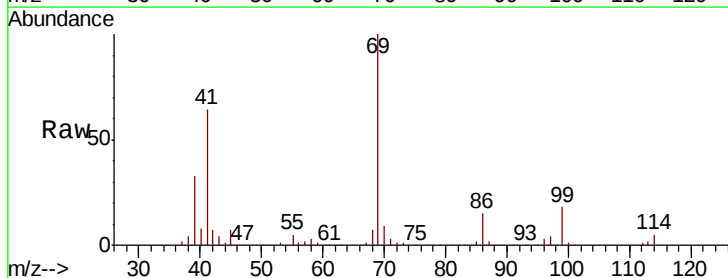
RT: 9.18 min Scan# 1410

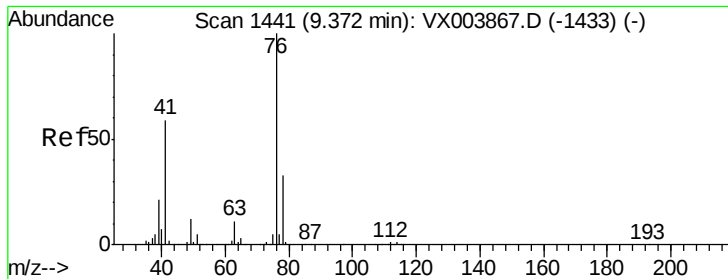
Delta R.T. 0.00 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		331609		
41	66.3	50.6	76.0		
39	34.1	25.8	38.6		





#57

1,3-Dichloropropane

Concen: 52.01 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

Instrument :

MSVOA_X

ClientSampled :

FL-0540MS

Tot Ion: 76 Resp: 354678

Ion Ratio Lower Upper

76 100

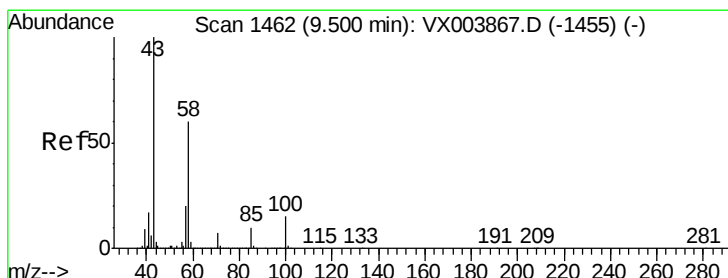
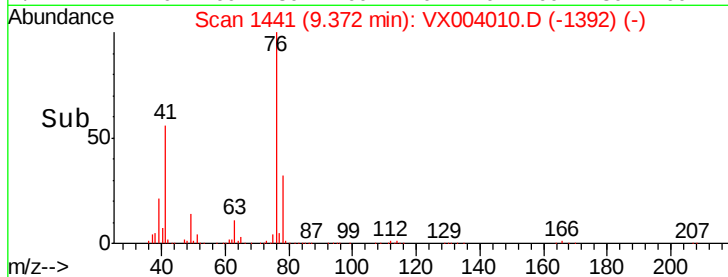
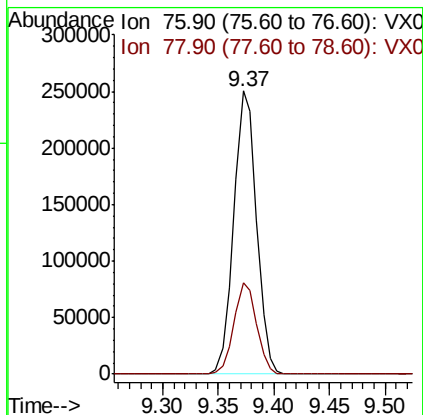
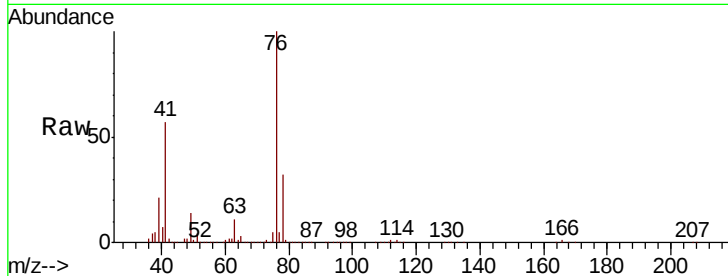
78 32.1 25.9 38.9

Manual Integrations

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#59

2-Hexanone

Concen: 262.13 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. 0.00 min

Lab File: VX004010.D

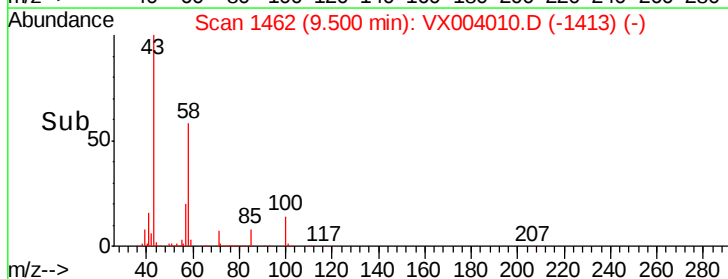
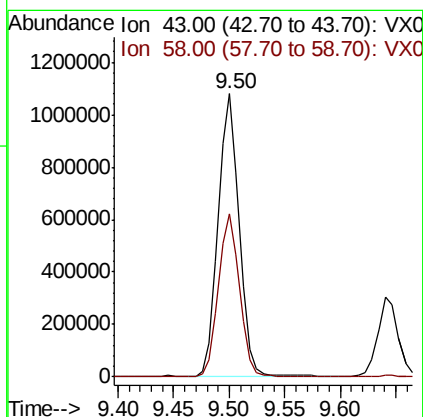
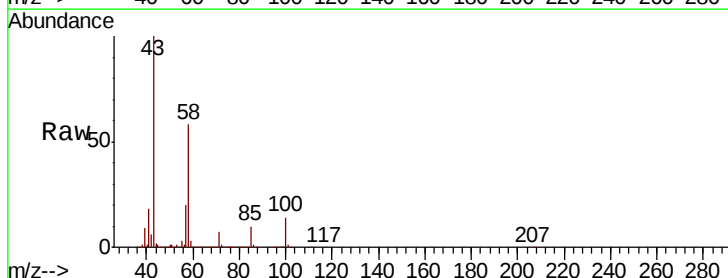
Acq: 13 Aug 2018 19:40

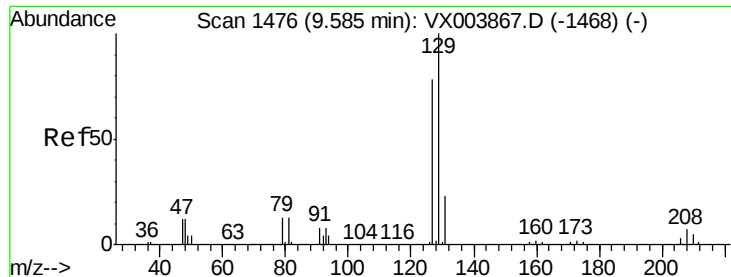
Tgt Ion: 43 Resp: 1412920

Ion Ratio Lower Upper

43 100

58 57.9 29.0 87.0





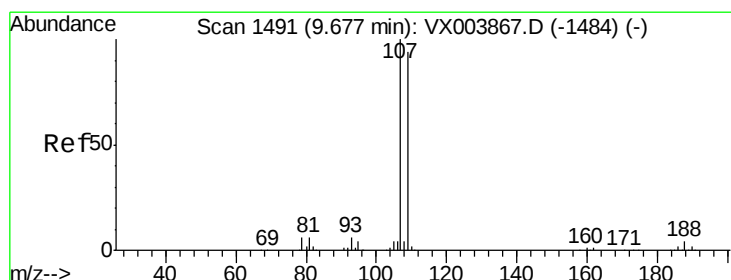
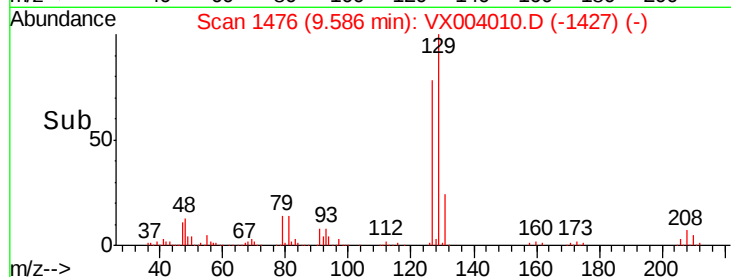
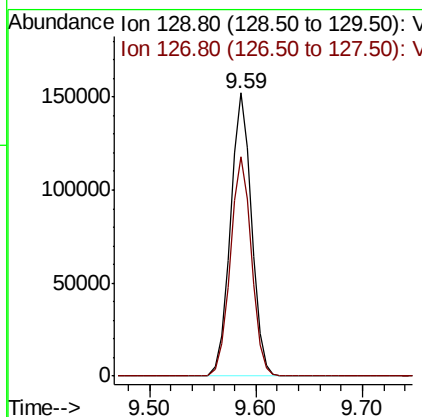
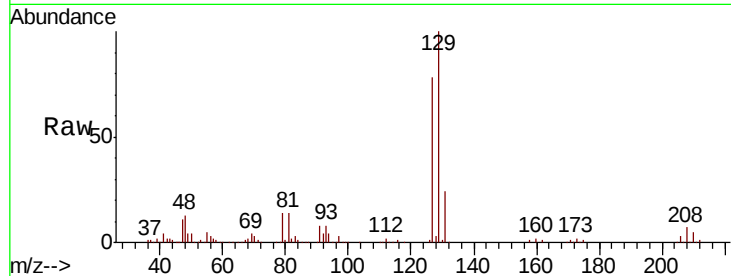
#60
Dibromochloromethane
Concen: 55.71 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX004010.D
Acq: 13 Aug 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
FL-0540MS

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.8	116.3

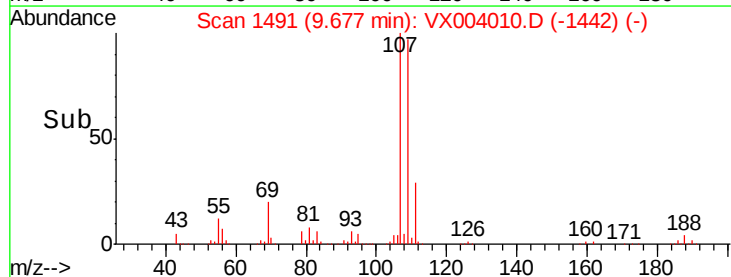
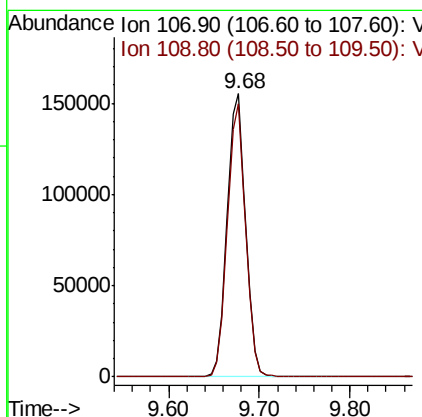
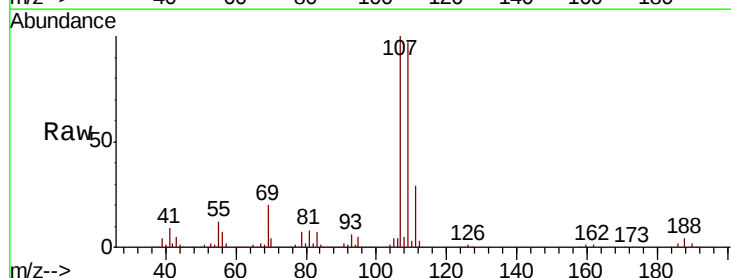
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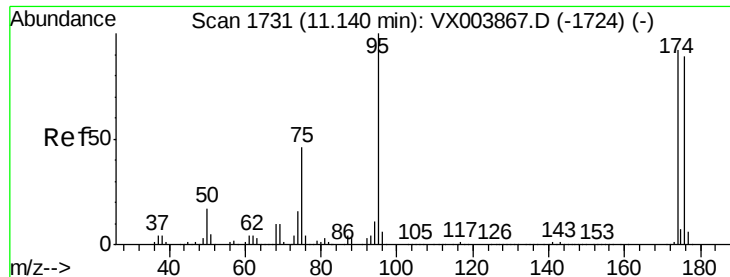
MMDadoda
8/14/2018 12:56:11 PM



#61
1,2-Dibromoethane
Concen: 53.81 ug/l
RT: 9.68 min Scan# 1491
Delta R.T. 0.00 min
Lab File: VX004010.D
Acq: 13 Aug 2018 19:40

Tgt Ion	Ratio	Lower	Upper
107	100		
109	95.6	75.8	113.8





#62

4-Bromofluorobenzene

Concen: 55.86 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

Instrument :

MSVOA_X

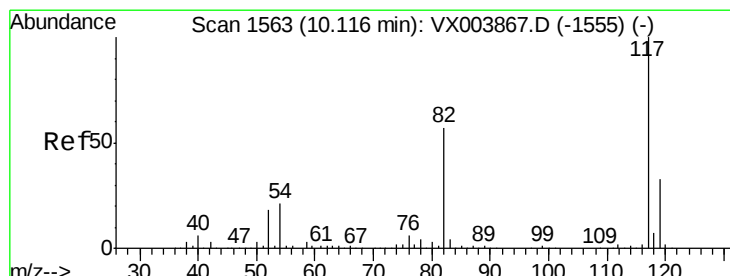
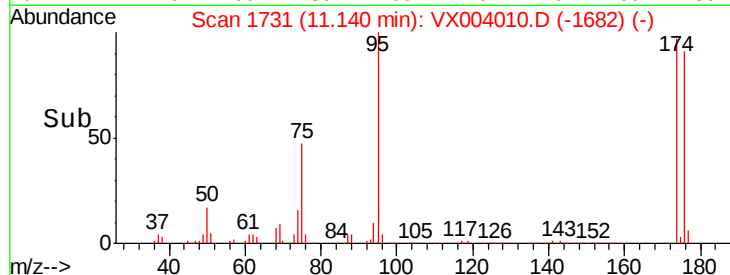
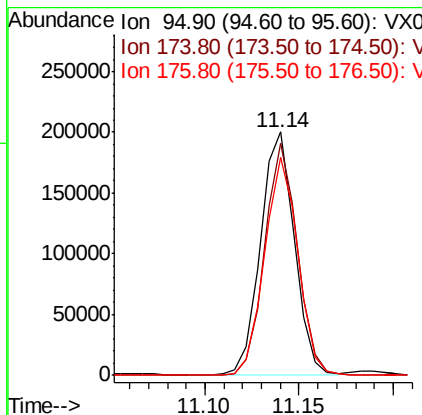
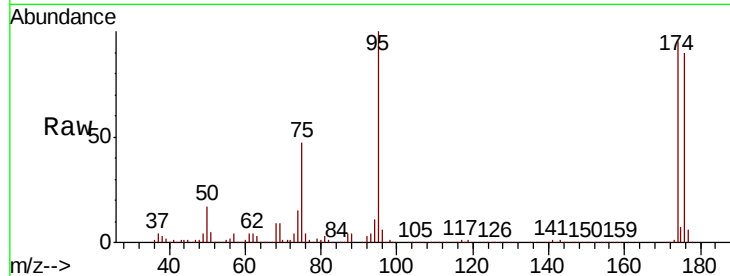
ClientSampled :

FL-0540MS

Tot Ion:	95	Resp:	249875
Ion Ratio	Lower	Upper	
95	100		
174	91.9	0.0	182.8
176	88.2	0.0	179.0

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

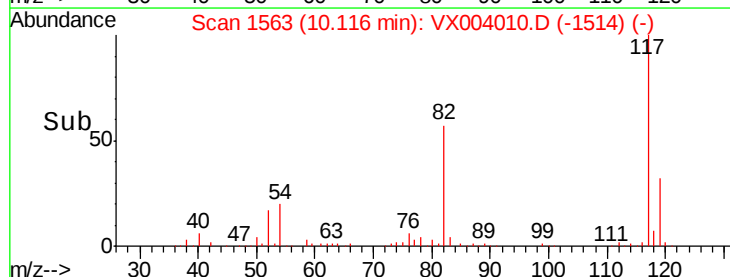
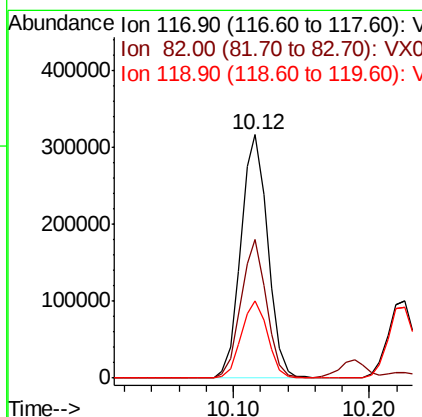
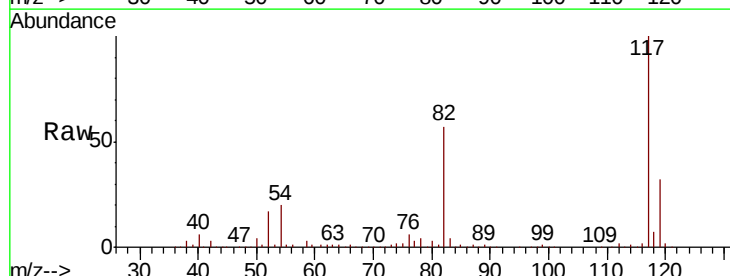
RT: 10.12 min Scan# 1563

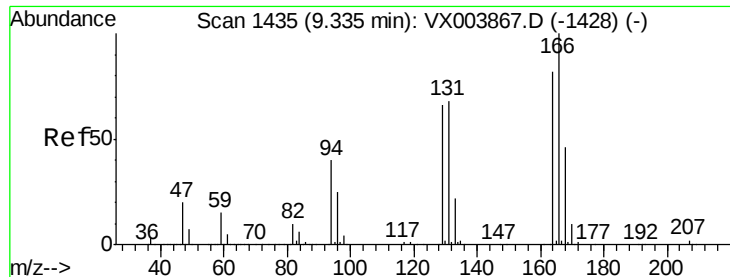
Delta R.T. 0.00 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

Tgt Ion:	117	Resp:	436215
Ion Ratio	Lower	Upper	
117	100		
82	56.9	45.4	68.0
119	31.8	26.6	40.0





#64

Tetrachloroethene

Concen: 46.12 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. 0.00 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

Instrument :

MSVOA_X

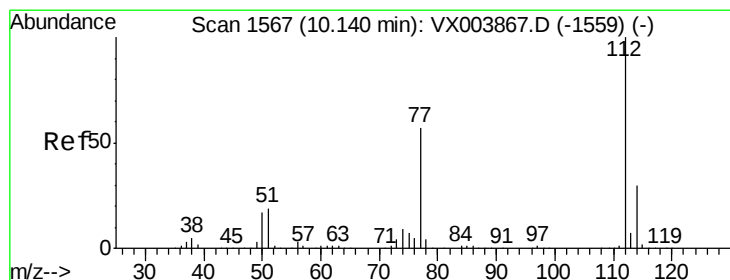
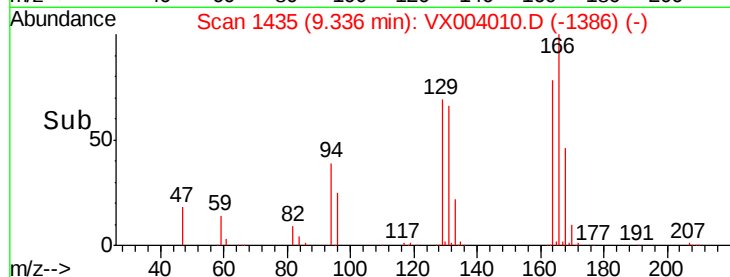
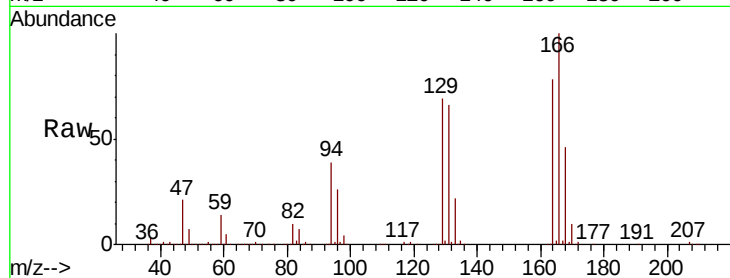
ClientSampleId :

FL-0540MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	197911		
166	128.9	98.0	147.0	
129	88.6	64.3	96.5	
131	85.5	66.8	100.2	

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#65

Chlorobenzene

Concen: 48.49 ug/l

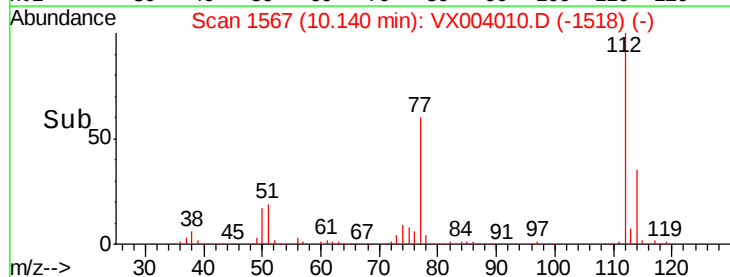
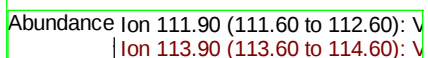
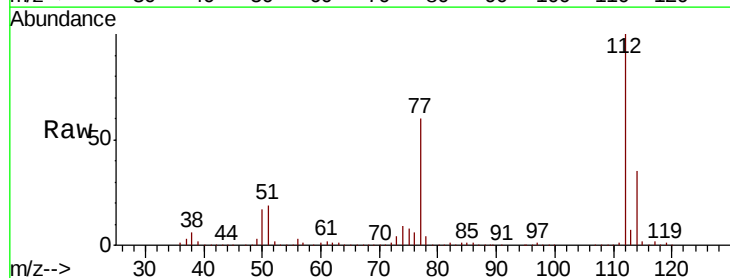
RT: 10.14 min Scan# 1567

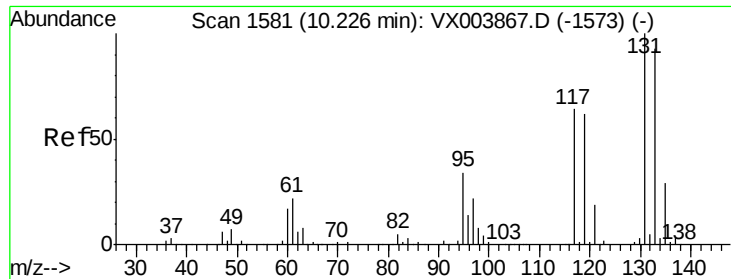
Delta R.T. 0.00 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	550360		
114	34.9	23.6	35.4	





#66

1,1,1,2-Tetrachloroethane

Concen: 52.44 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

Instrument :

MSVOA_X

ClientSampleId :

FL-0540MS

Tot Ion:131 Resp: 204632
Ion Ratio Lower Upper

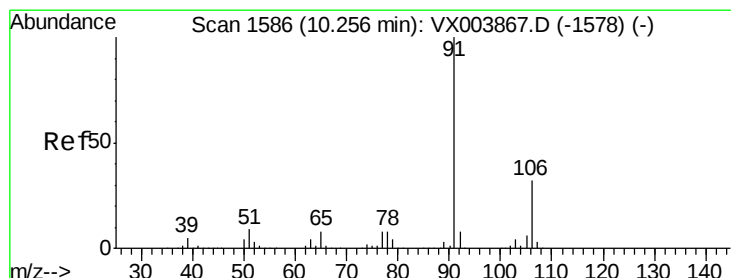
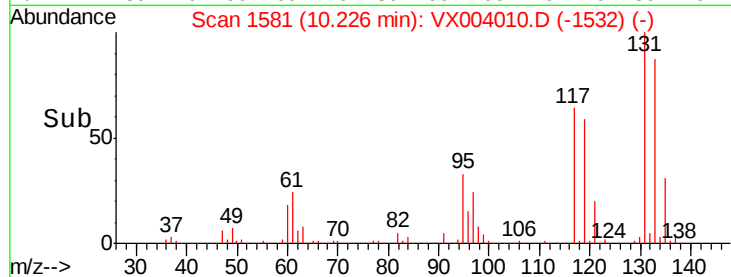
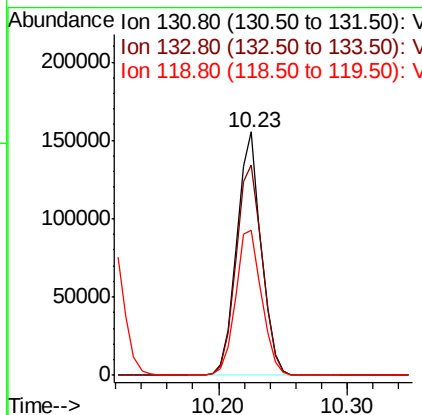
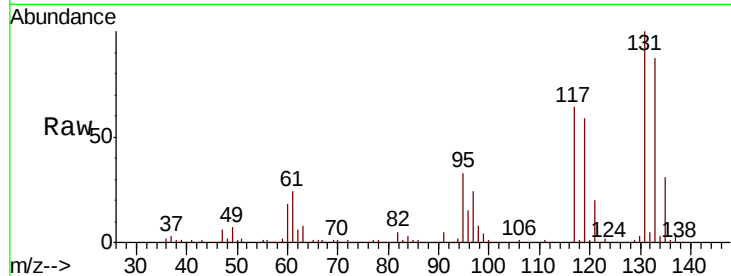
131 100

133 92.9 47.3 141.8

119 63.2 31.6 94.8

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#67

Ethyl Benzene

Concen: 134.94 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX004010.D

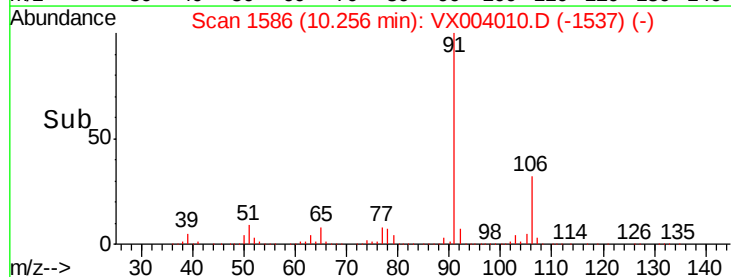
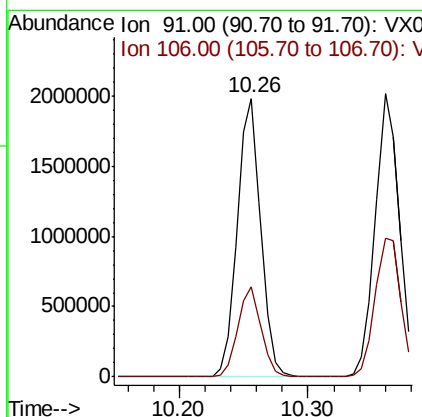
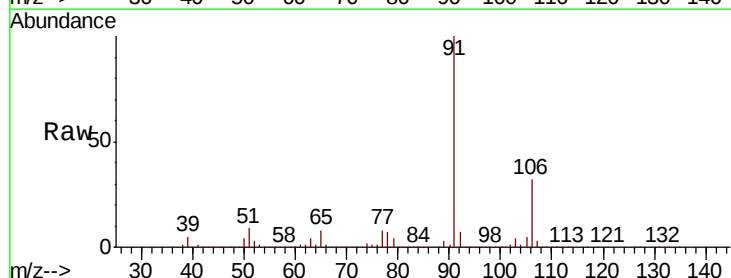
Acq: 13 Aug 2018 19:40

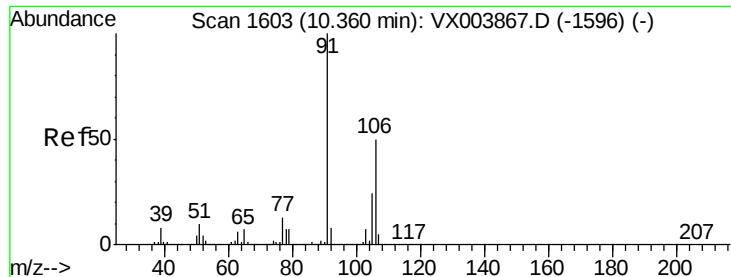
Tgt Ion: 91 Resp: 2507168

Ion Ratio Lower Upper

91 100

106 32.3 25.9 38.9





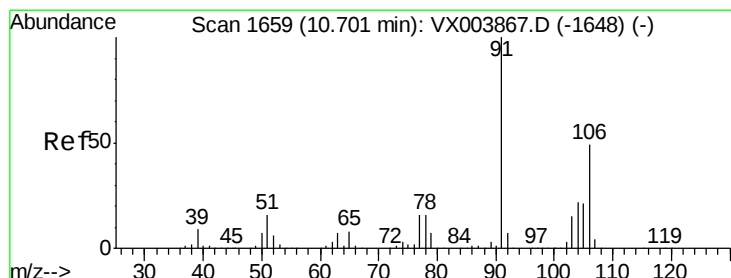
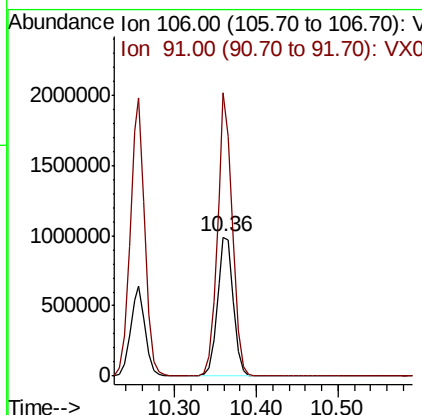
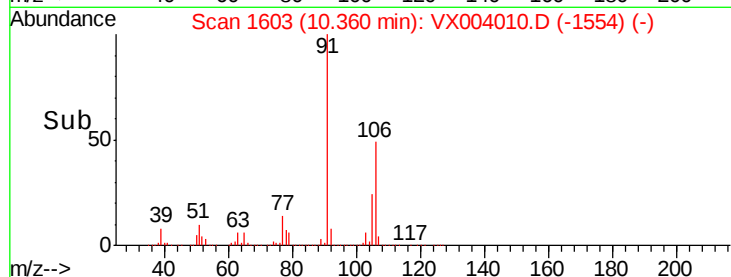
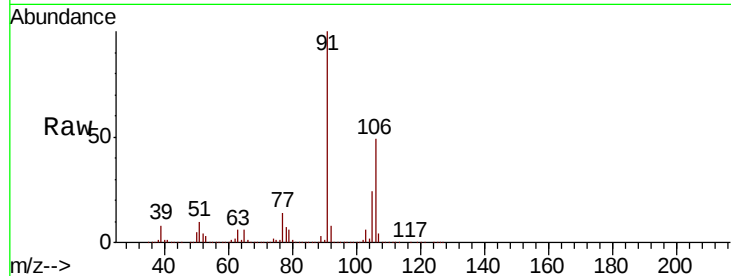
#68
m/p-Xvlenes
Concen: 186.90 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX004010.D
Acq: 13 Aug 2018 19:40

Instrument :
MSVOA_X
ClientSampled :
FL-0540MS

Tot Ion:106 Resp: 1356942
Ion Ratio Lower Upper
106 100
91 190.6 162.3 243.5

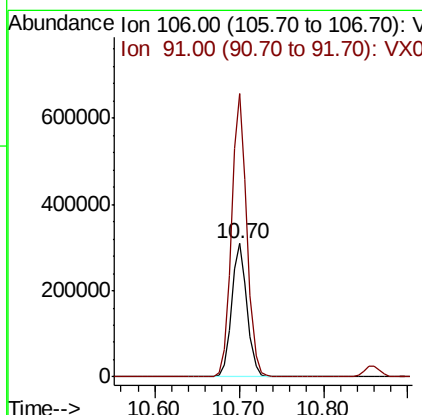
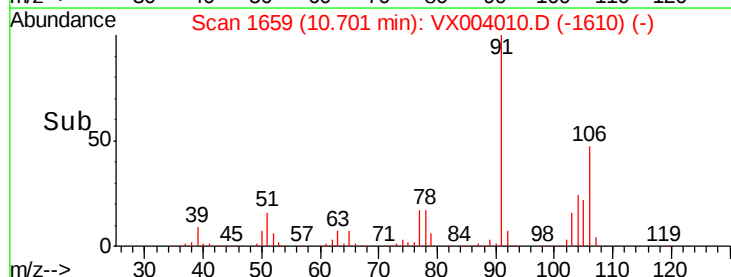
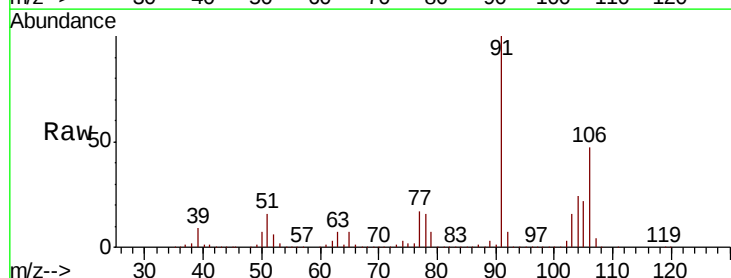
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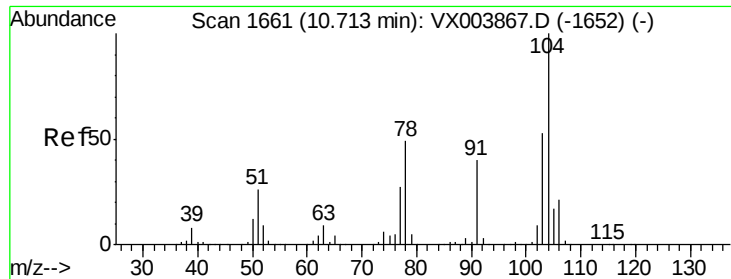
MMDadoda
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#69
o-Xylene
Concen: 55.80 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX004010.D
Acq: 13 Aug 2018 19:40

Tgt Ion:106 Resp: 382442
Ion Ratio Lower Upper
106 100
91 211.1 101.9 305.7





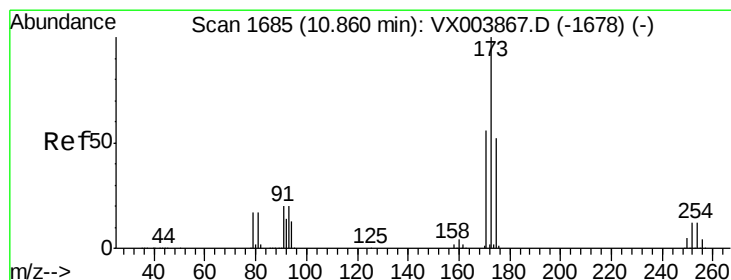
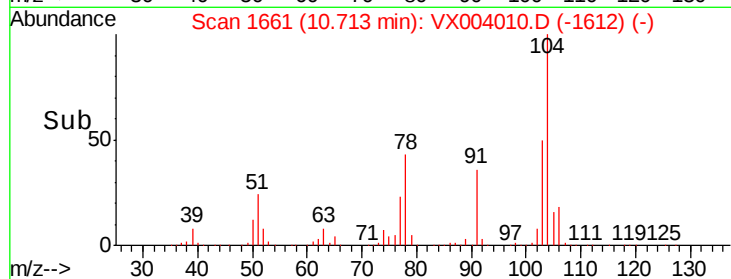
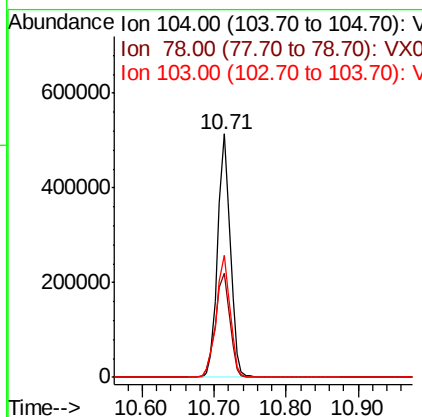
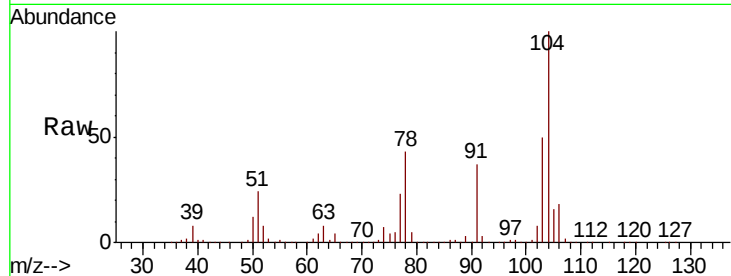
#70
Stvrene
Concen: 55.70 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX004010.D
Acq: 13 Aug 2018 19:40

Instrument :
MSVOA_X
ClientSampled :
FL-0540MS

Tot Ion	Ratio	Resp	Lower	Upper
104	100	625005		
78	48.9		39.8	59.6
103	54.5		44.3	66.5

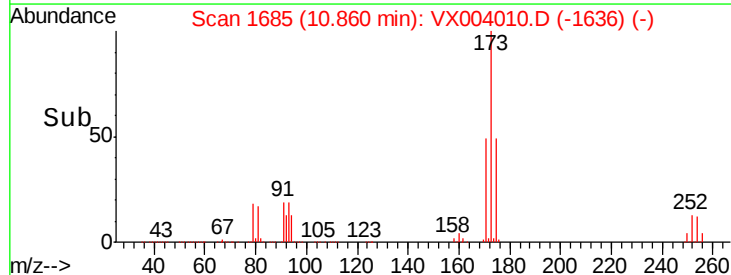
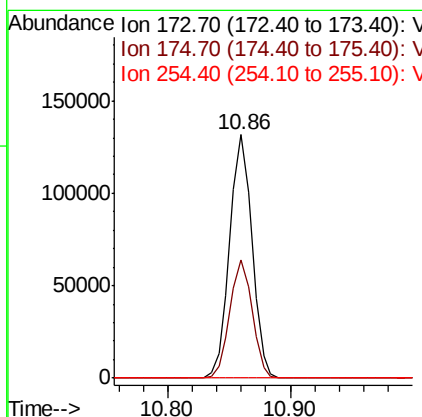
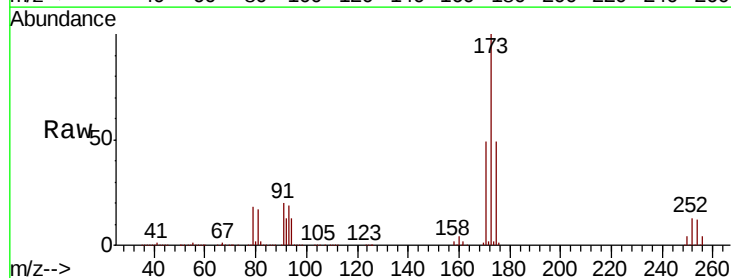
Manual Integrations
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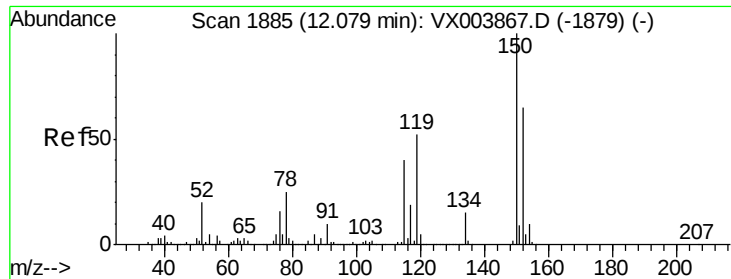
MMDadoda
8/14/2018 12:56:11 PM



#71
Bromoform
Concen: 57.02 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX004010.D
Acq: 13 Aug 2018 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	166375		
175	48.7		24.9	74.7
254	0.2		0.2	0.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

Instrument :

MSVOA_X

ClientSampleId :

FL-0540MS

Tot Ion:152 Resp: 278615

Ion Ratio Lower Upper

152 100

115 82.1 39.1 117.3

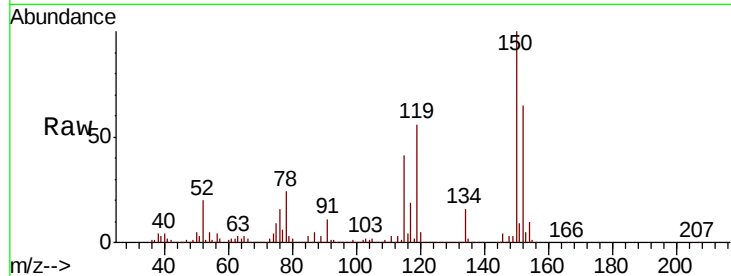
150 174.6 0.0 349.2

Manual Integrations

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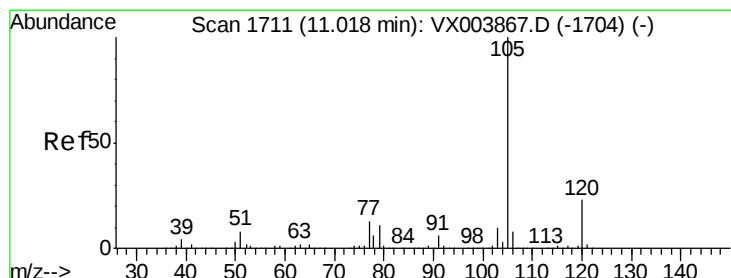
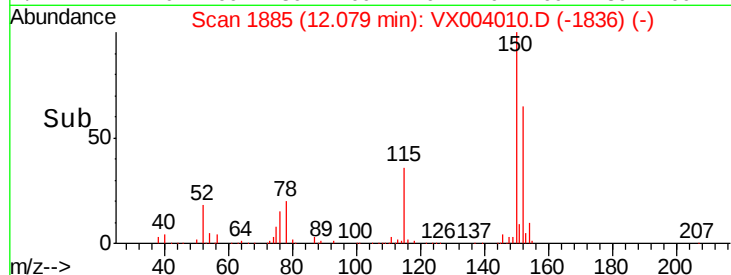
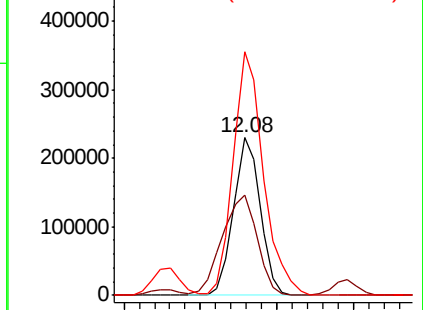
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 78.91 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX004010.D

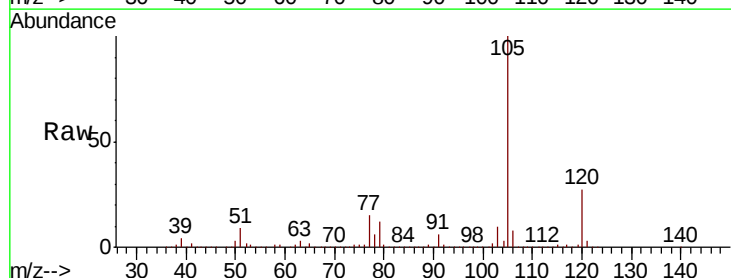
Acq: 13 Aug 2018 19:40

Tgt Ion:105 Resp: 1626318

Ion Ratio Lower Upper

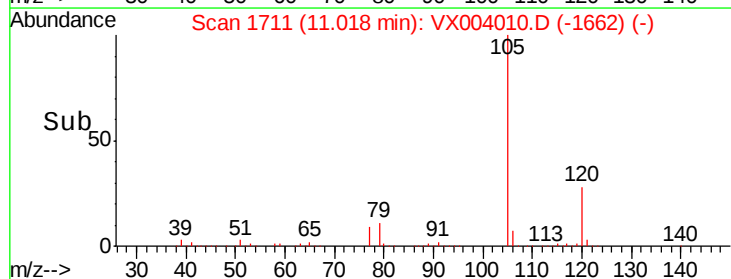
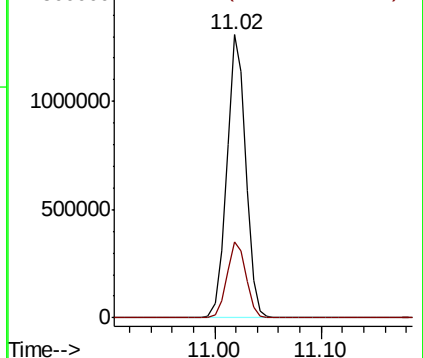
105 100

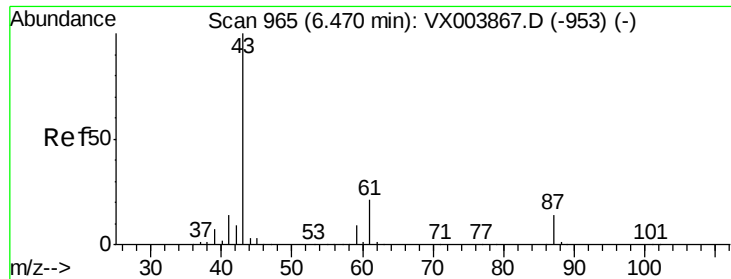
120 27.2 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 42.78 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

Instrument :

MSVOA_X

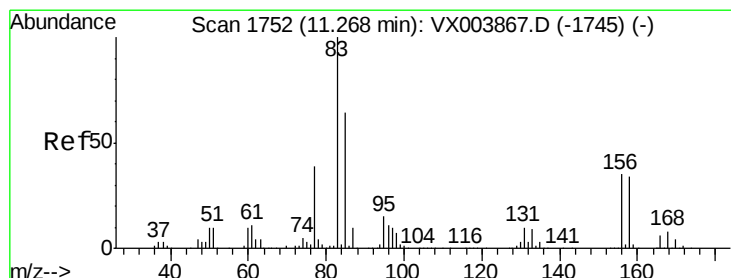
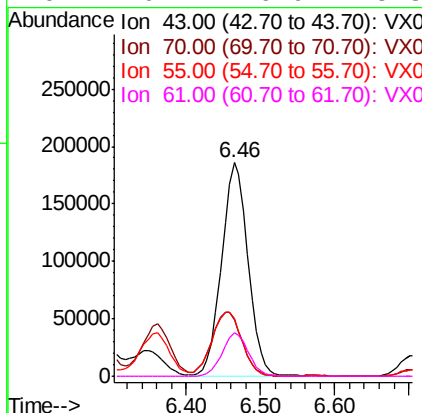
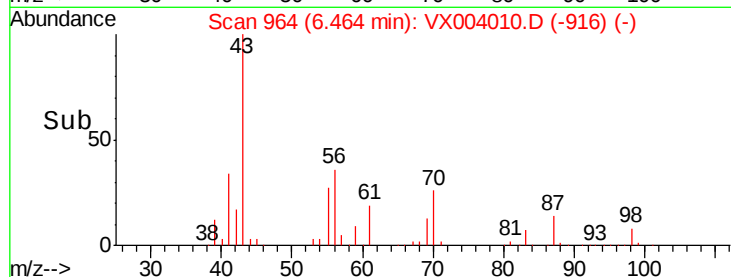
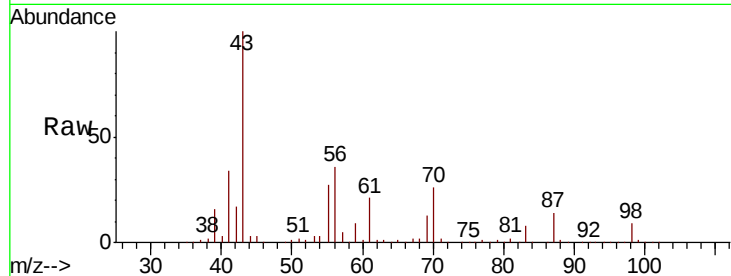
ClientSampleId :

FL-0540MS

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	33.8	0.0	0.0#	
55	33.9	0.1	0.1#	
61	20.2	16.9	25.3	

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#75

1,1,2,2-Tetrachloroethane

Concen: 47.64 ug/l

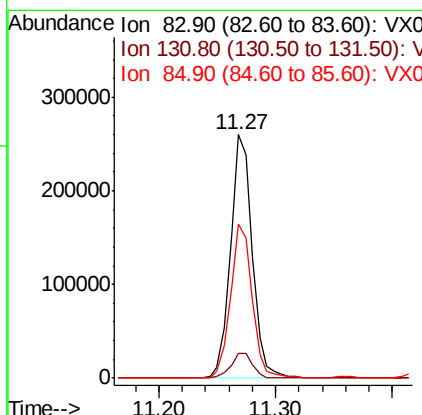
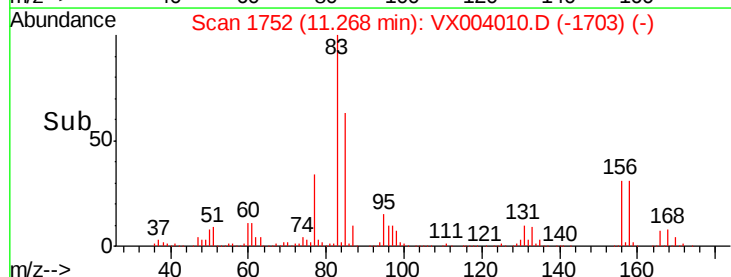
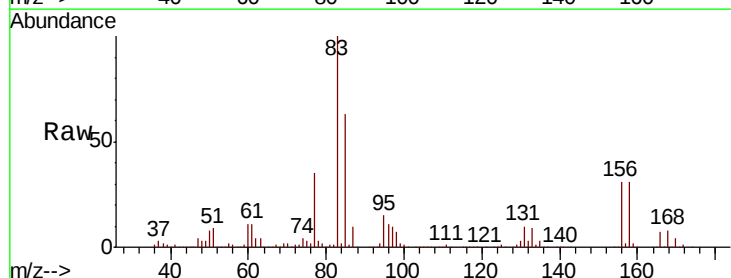
RT: 11.27 min Scan# 1752

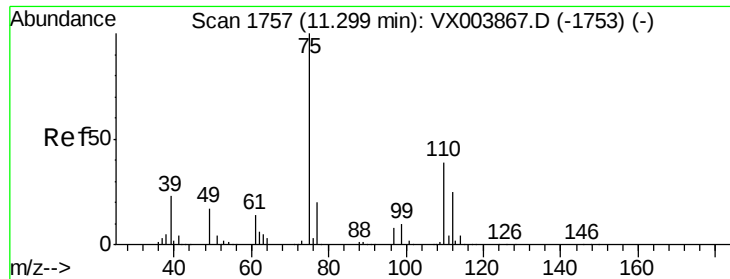
Delta R.T. 0.00 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	10.4	5.2	15.6	
85	63.4	32.2	96.6	





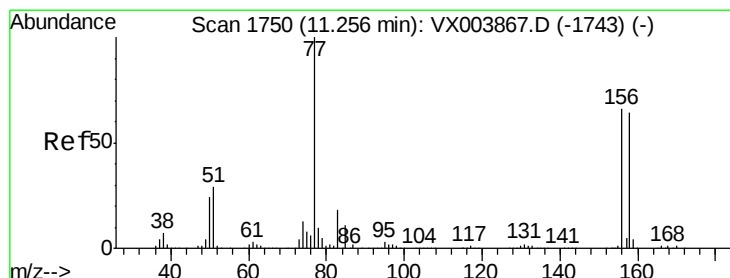
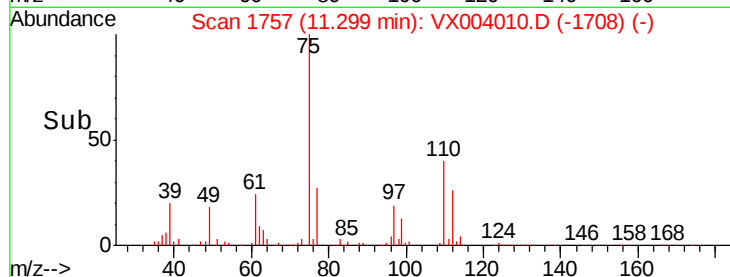
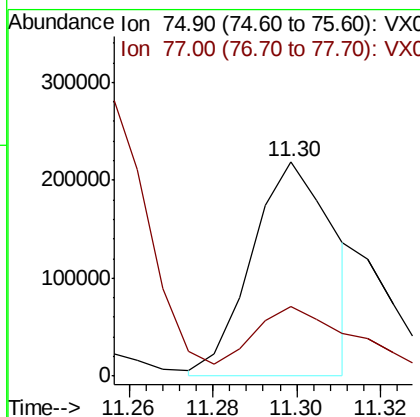
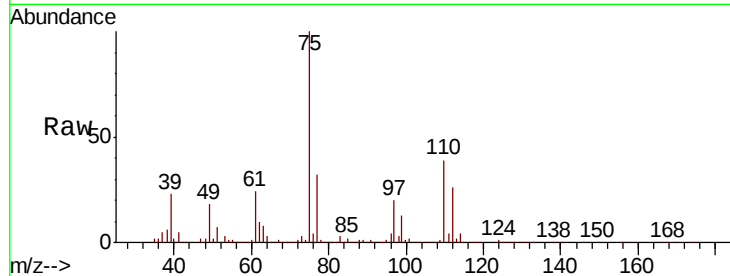
#76
 1,2,3-Trichloropropane
 Concen: 48.26 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX004010.D
 Acq: 13 Aug 2018 19:40

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0540MS

Tot Ion: 75 Resp: 296995
 Ion Ratio Lower Upper
 75 100
 77 40.8 20.8 62.5

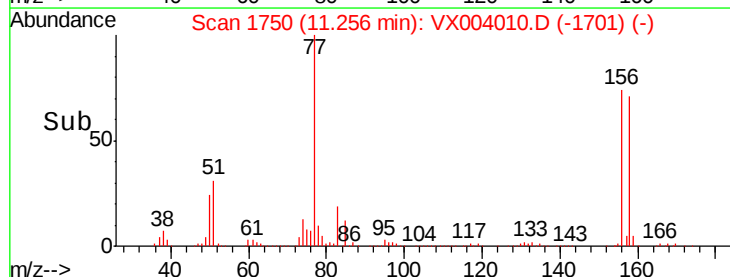
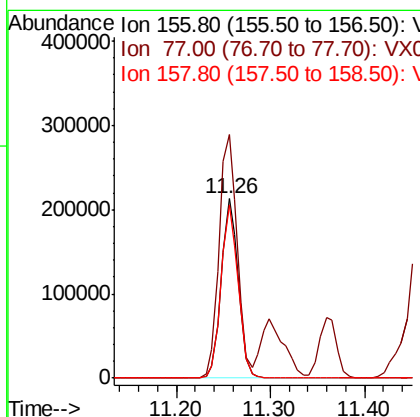
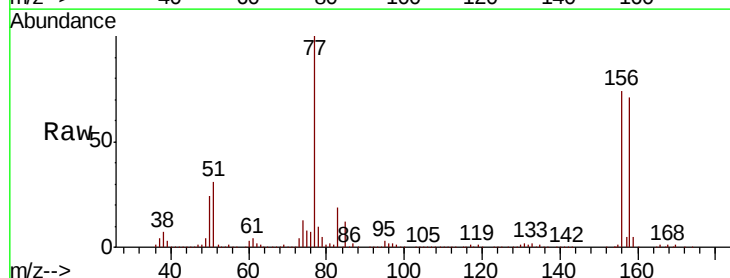
Manual Integrations
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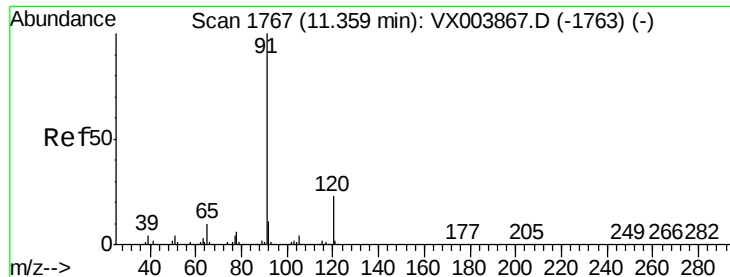
MMDadoda
 8/14/2018 12:56:11 PM



#77
 Bromobenzene
 Concen: 48.34 ug/l
 RT: 11.26 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX004010.D
 Acq: 13 Aug 2018 19:40

Tgt Ion: 156 Resp: 265815
 Ion Ratio Lower Upper
 156 100
 77 144.5 74.1 222.2
 158 96.7 48.6 145.9





#78

n-propylbenzene

Concen: 104.41 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

Instrument :

MSVOA_X

ClientSampleId :

FL-0540MS

Tot Ion: 91 Resp: 2416434

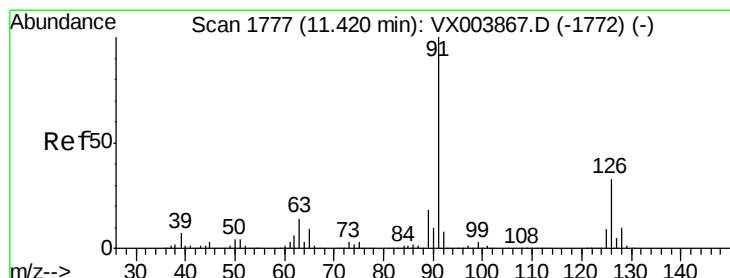
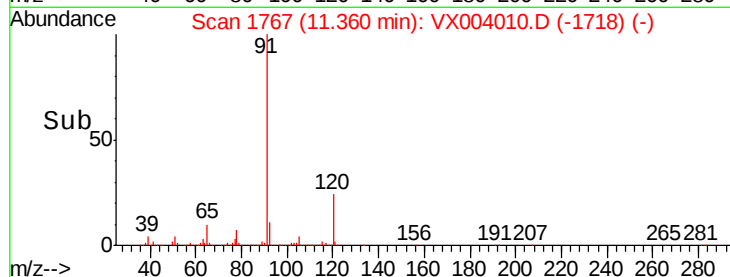
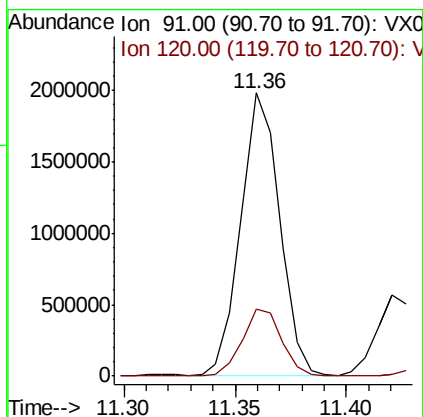
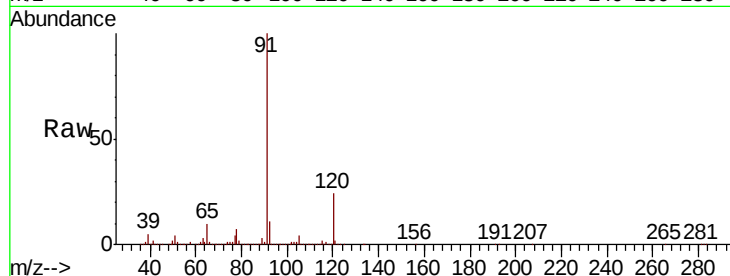
Ion Ratio Lower Upper

91 100

120 24.1 11.9 35.5

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#79

2-Chlorotoluene

Concen: 51.69 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX004010.D

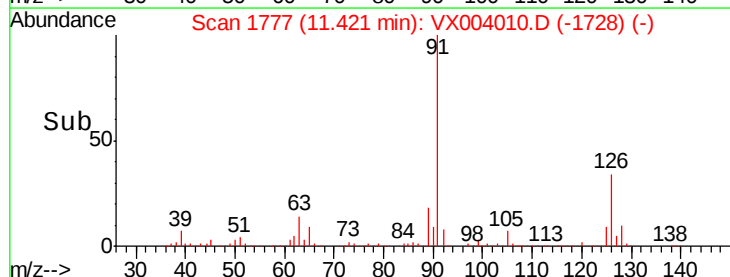
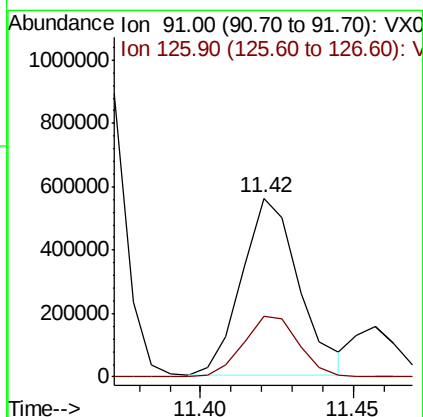
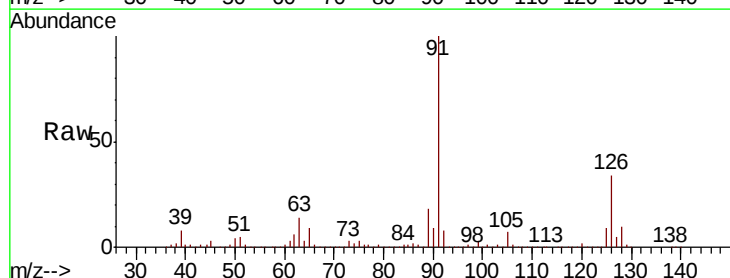
Acq: 13 Aug 2018 19:40

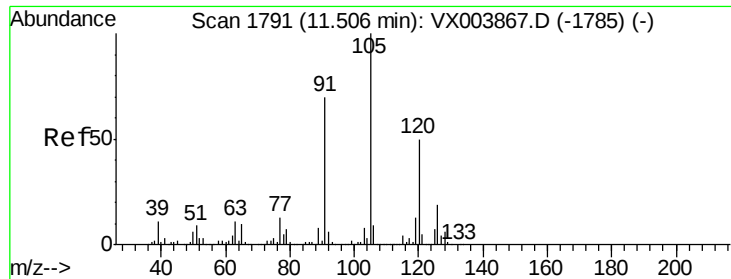
Tgt Ion: 91 Resp: 729345

Ion Ratio Lower Upper

91 100

126 33.1 17.4 52.3





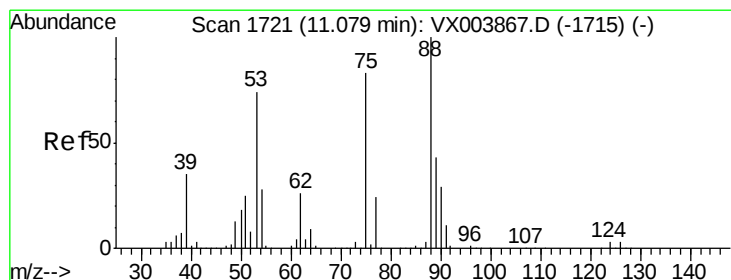
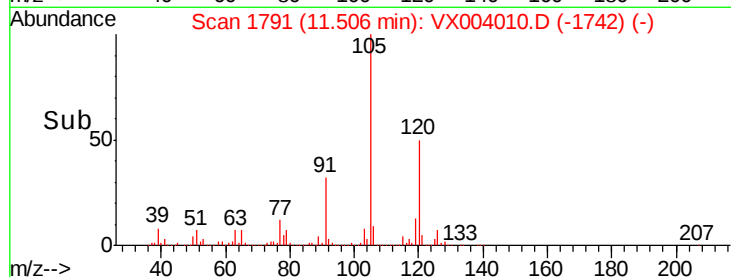
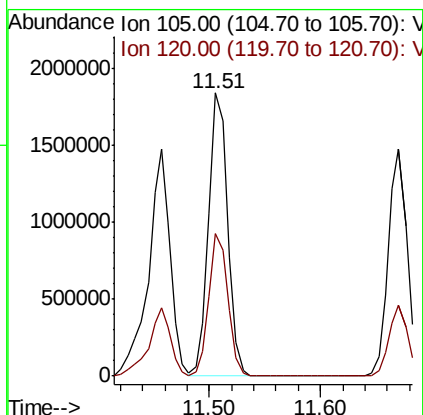
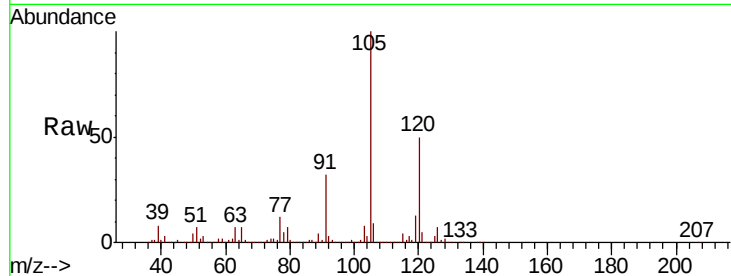
#80
 1,3,5-Trimethylbenzene
 Concen: 130.40 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX004010.D
 Acq: 13 Aug 2018 19:40

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0540MS

Tot Ion:105 Resp: 2191514
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.4 76.2

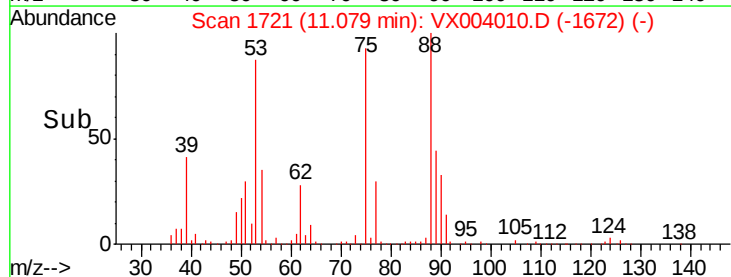
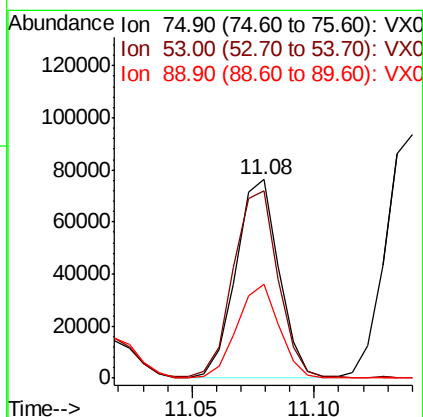
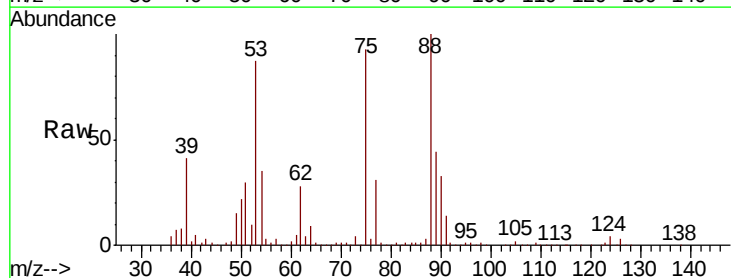
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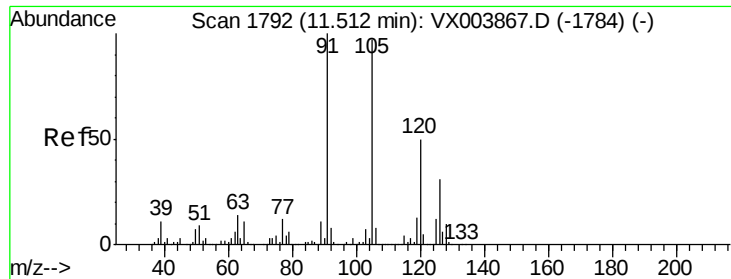
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.08 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX004010.D
 Acq: 13 Aug 2018 19:40

Tgt Ion: 75 Resp: 93039
 Ion Ratio Lower Upper
 75 100
 53 97.4 80.3 120.5
 89 46.6 37.8 56.8





#82

4-Chlorotoluene

Concen: 56.85 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

Instrument :

MSVOA_X

ClientSampled :

FL-0540MS

Tot Ion: 91 Resp: 939824

Ion Ratio Lower Upper

91 100

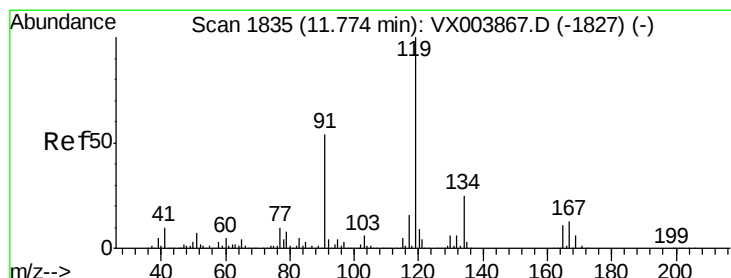
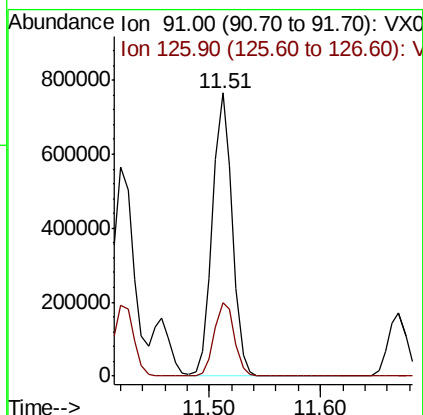
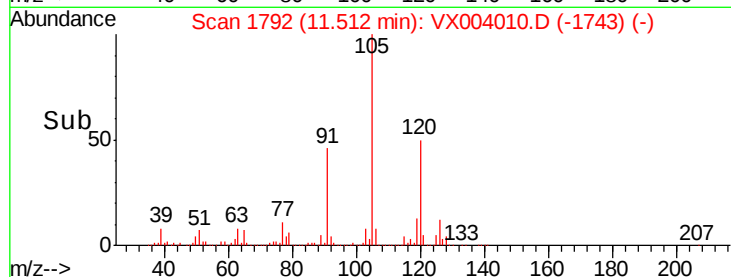
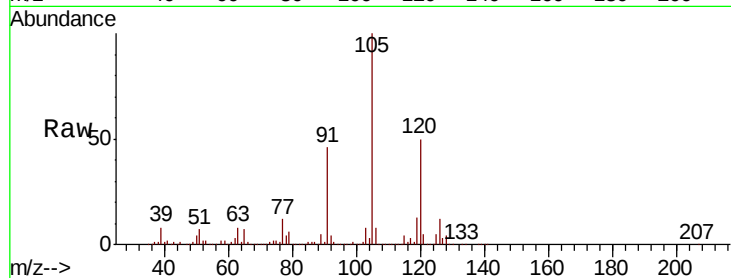
126 26.6 15.6 46.7

Manual Integrations

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MMDadoda

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#83

tert-Butylbenzene

Concen: 52.25 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

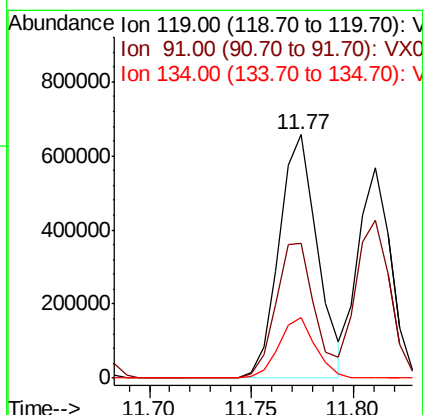
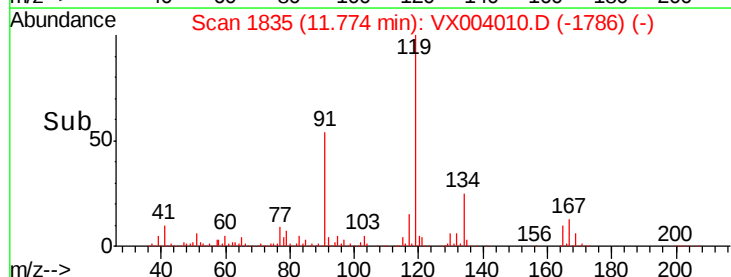
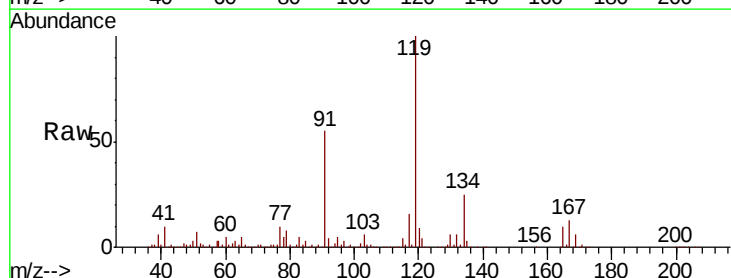
Tgt Ion: 119 Resp: 863953

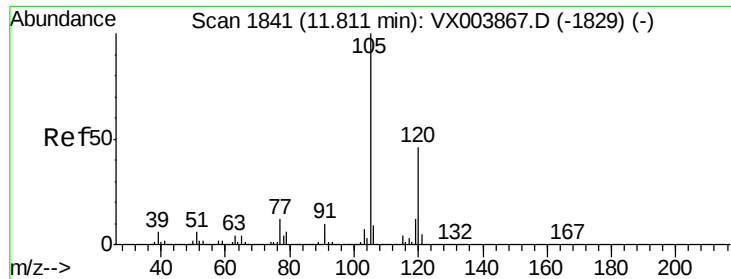
Ion Ratio Lower Upper

119 100

91 56.1 26.9 80.7

134 23.6 12.0 36.0





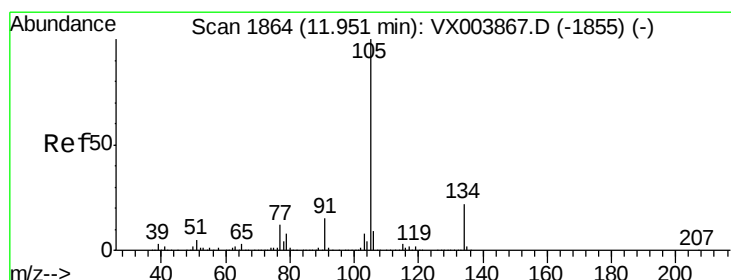
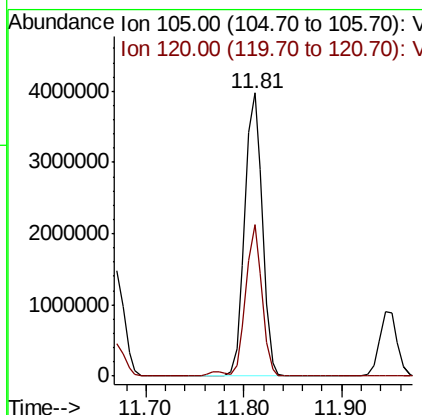
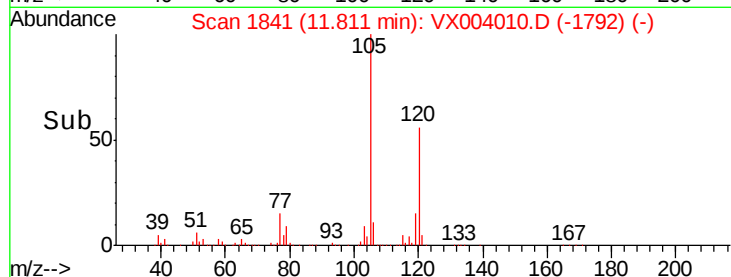
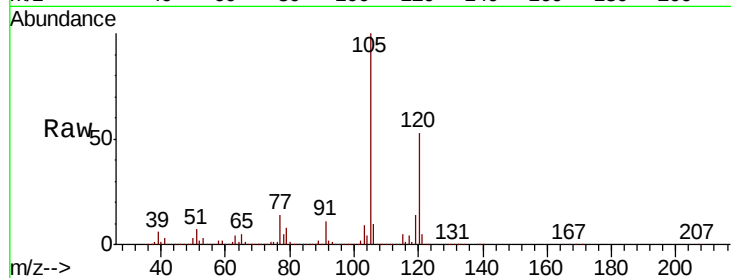
#84
 1,2,4-Trimethylbenzene
 Concen: 293.16 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX004010.D
 Acq: 13 Aug 2018 19:40

Instrument :
 MSVOA_X
 ClientSampled :
 FL-0540MS

Tot Ion:105 Resp: 4953972
 Ion Ratio Lower Upper
 105 100
 120 49.2 23.1 69.2

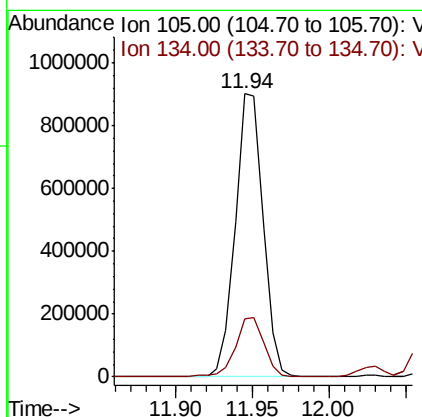
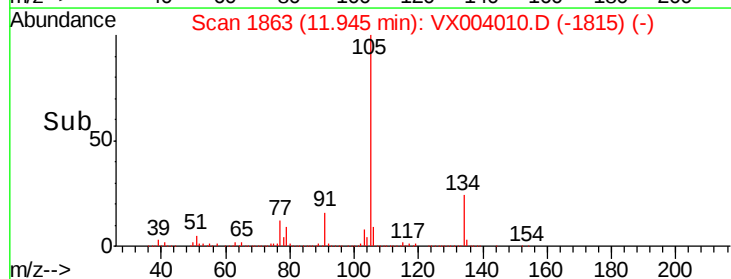
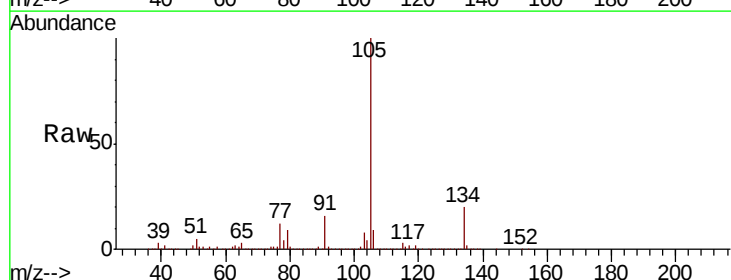
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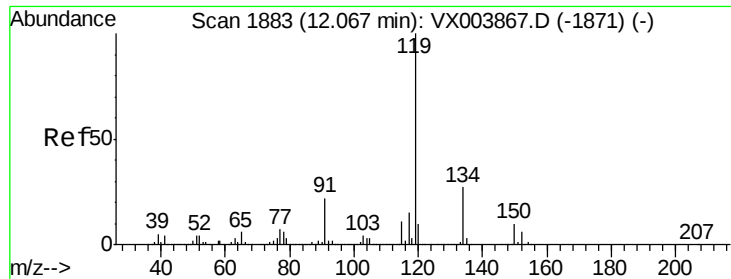
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#85
 sec-Butylbenzene
 Concen: 58.16 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.01 min
 Lab File: VX004010.D
 Acq: 13 Aug 2018 19:40

Tgt Ion:105 Resp: 1134905
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.3 30.9





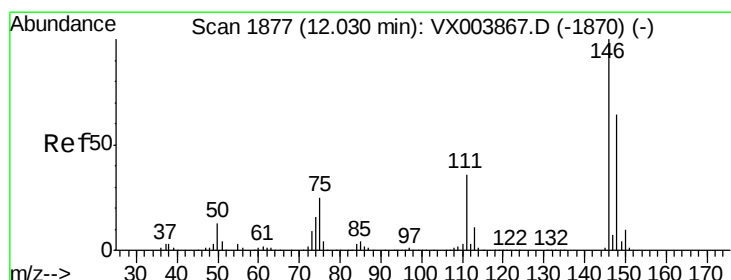
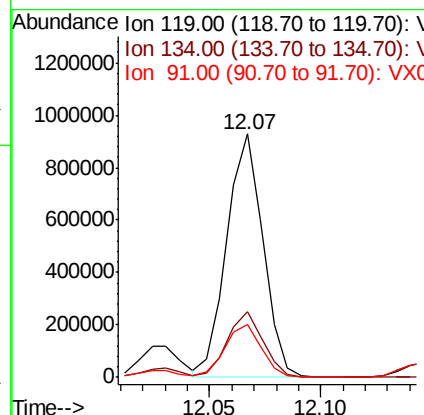
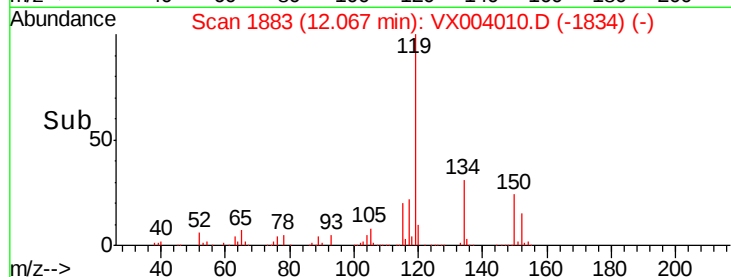
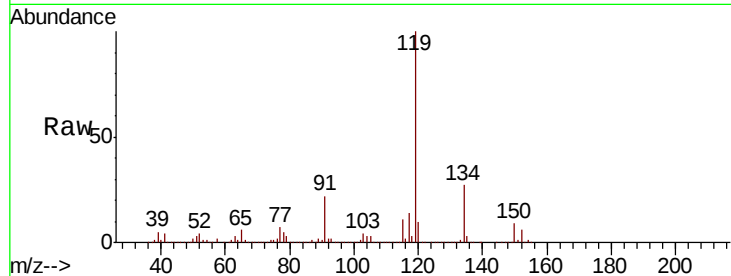
#86
p-Isopropyltoluene
Concen: 60.19 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX004010.D
Acq: 13 Aug 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
FL-0540MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.3	39.8
91	21.8	10.9	32.7

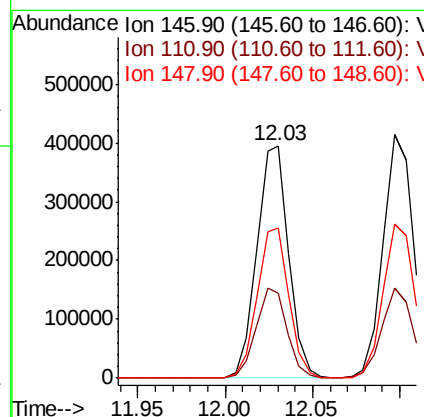
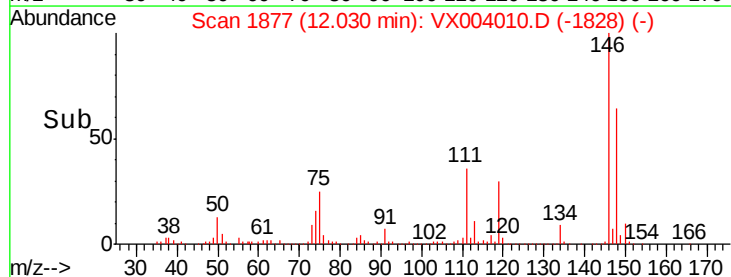
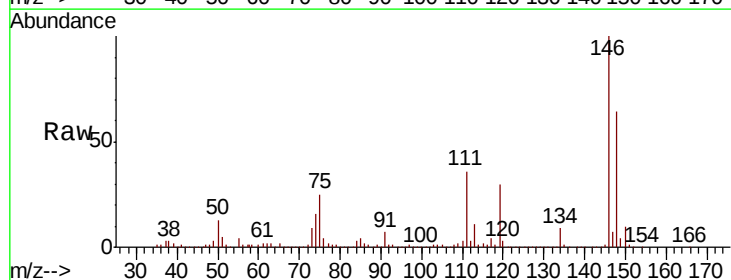
Manual Integrations
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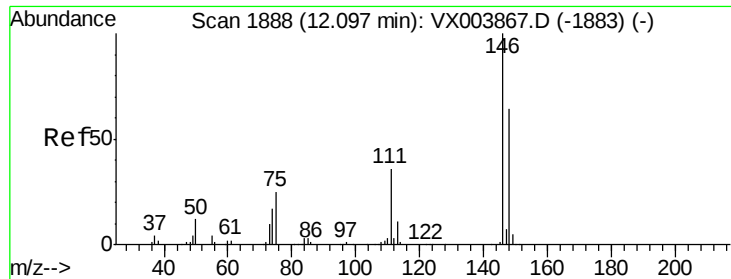
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#87
1,3-Dichlorobenzene
Concen: 49.40 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004010.D
Acq: 13 Aug 2018 19:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.8	56.4
148	64.2	31.9	95.5





#88

1,4-Dichlorobenzene

Concen: 47.68 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

Instrument :

MSVOA_X

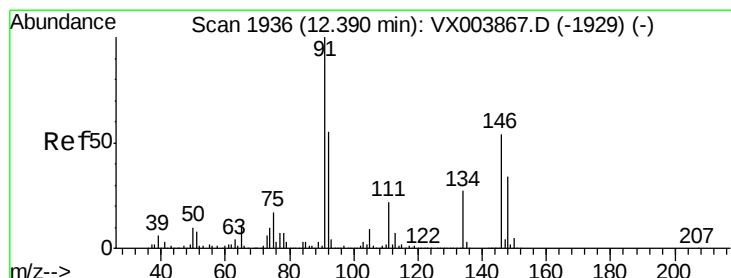
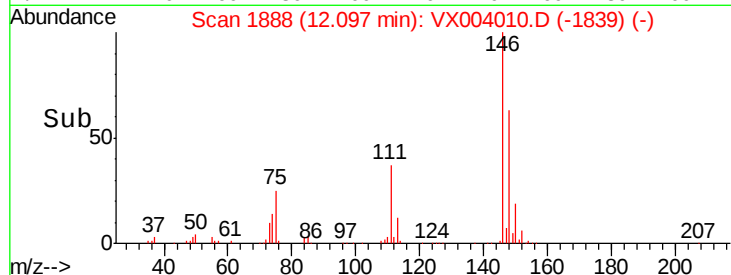
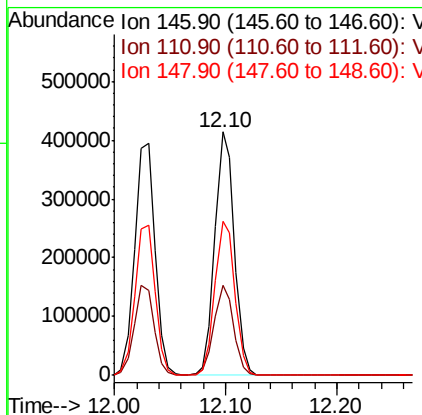
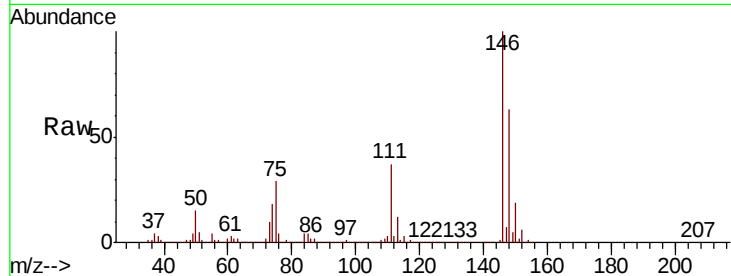
ClientSampled :

FL-0540MS

Tot Ion:	146	Resp:	502683
Ion Ratio	Lower	Upper	
146	100		
111	37.1	18.4	55.0
148	64.9	32.3	96.8

Manual Integrations
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#89

n-Butylbenzene

Concen: 56.94 ug/l

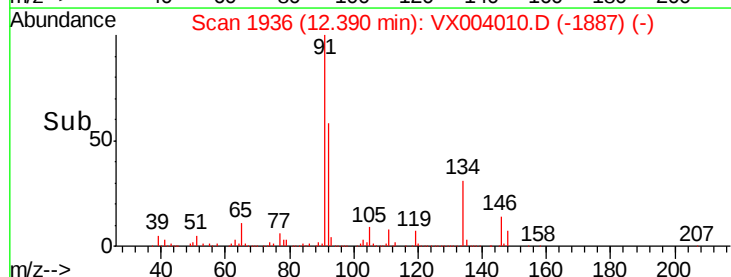
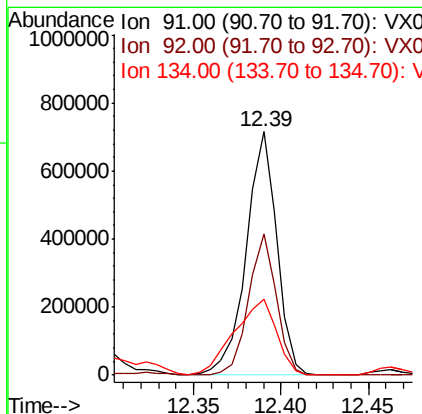
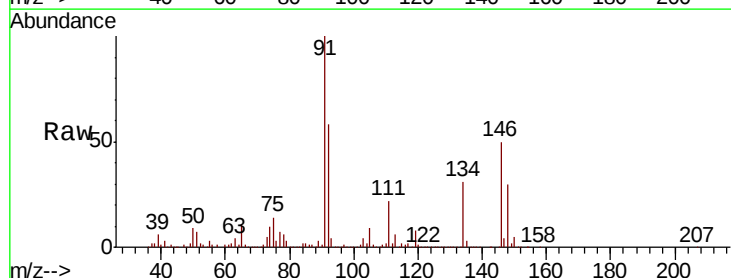
RT: 12.39 min Scan# 1936

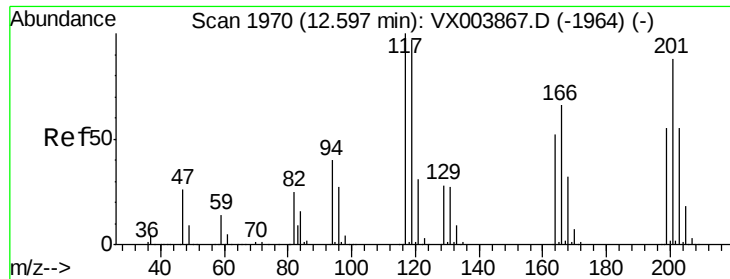
Delta R.T. 0.00 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

Tgt Ion:	91	Resp:	868818
Ion Ratio	Lower	Upper	
91	100		
92	52.9	27.1	81.3
134	42.6	13.6	40.7#





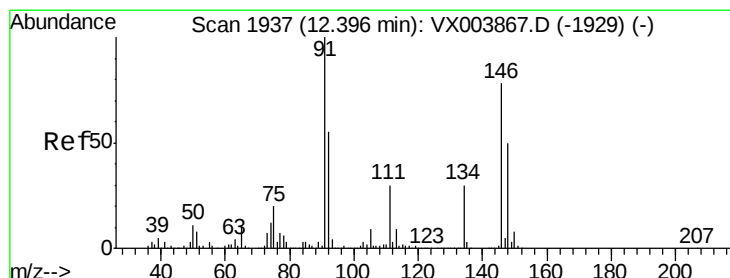
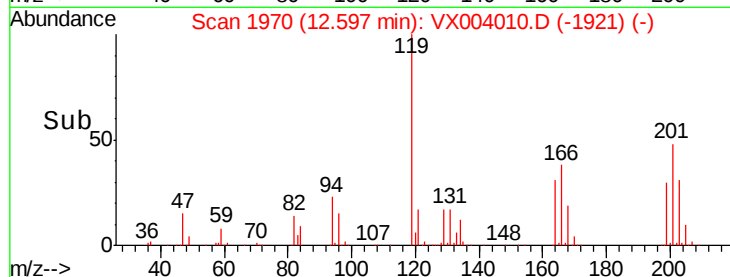
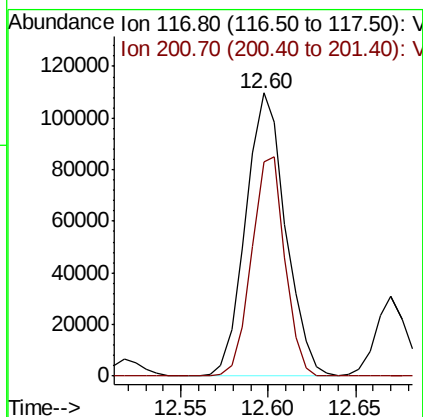
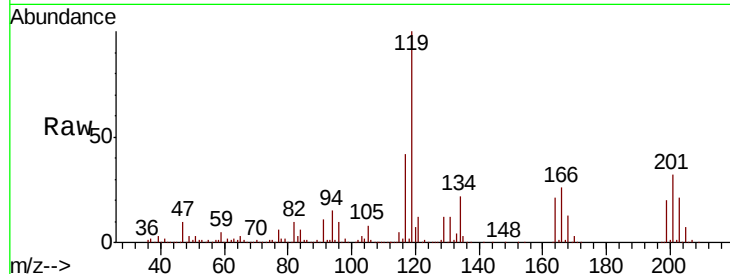
#90
Hexachloroethane
Concen: 61.05 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX004010.D
Acq: 13 Aug 2018 19:40

Instrument :
MSVOA_X
ClientSampleId :
FL-0540MS

Tot Ion:117 Resp: 173570
Ion Ratio Lower Upper
117 100
201 64.7 46.1 138.2

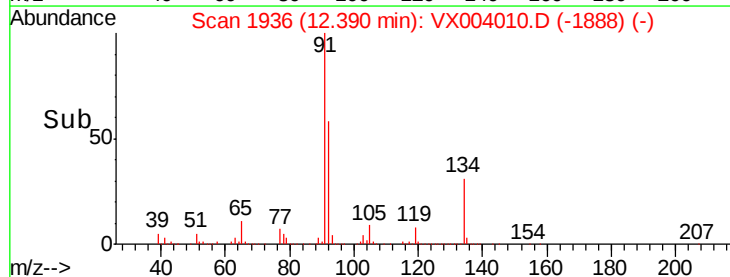
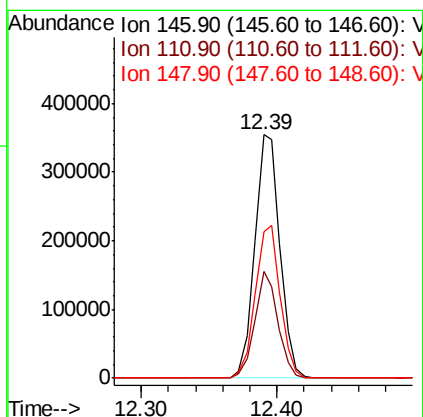
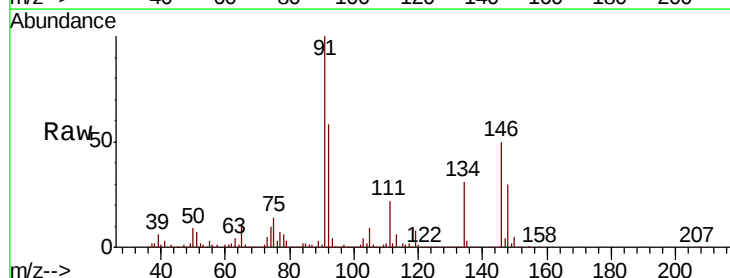
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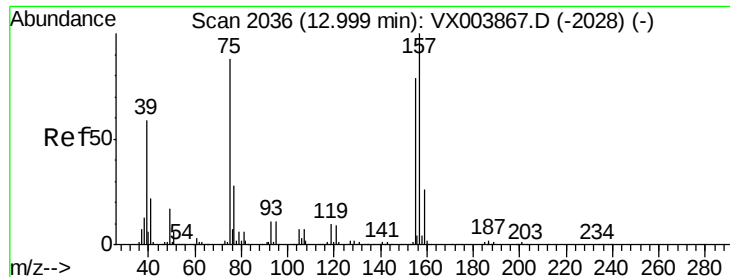
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#91
1,2-Dichlorobenzene
Concen: 45.63 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX004010.D
Acq: 13 Aug 2018 19:40

Tgt Ion:146 Resp: 459670
Ion Ratio Lower Upper
146 100
111 40.2 19.7 59.0
148 62.3 31.9 95.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 45.04 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

Instrument :

MSVOA_X

ClientSampleId :

FL-0540MS

Tot Ion: 75 Resp: 65181

Ion Ratio Lower Upper

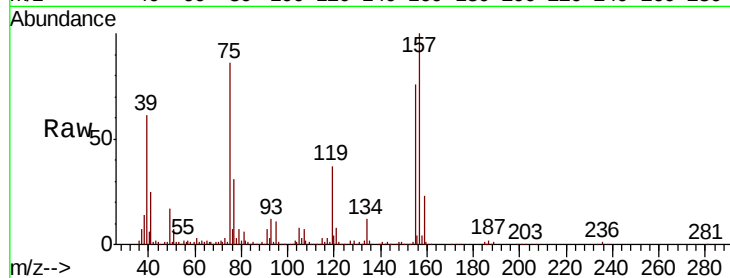
75 100

155 92.9 48.7 146.1

157 118.8 62.6 187.8

Manual Integrations
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MMDadoda
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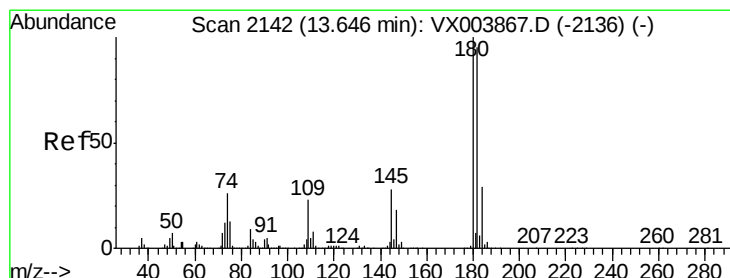
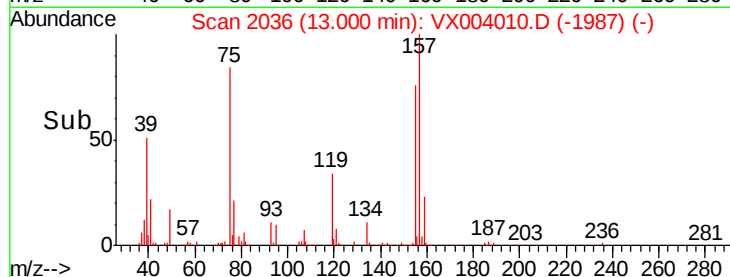
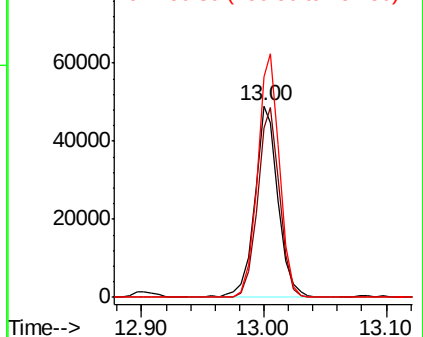


Abundance

Ion 74.90 (74.60 to 75.60): VX003867.D (-2028) (-)

Ion 154.80 (154.50 to 155.50): VX003867.D (-2028) (-)

Ion 156.80 (156.50 to 157.50): VX003867.D (-2028) (-)



#93

1,2,4-Trichlorobenzene

Concen: 47.44 ug/l

RT: 13.65 min Scan# 2142

Delta R.T. 0.00 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

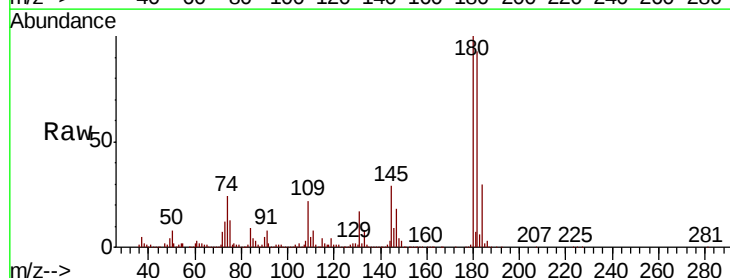
Tgt Ion: 180 Resp: 343710

Ion Ratio Lower Upper

180 100

182 97.1 47.7 143.1

145 31.6 13.9 41.6

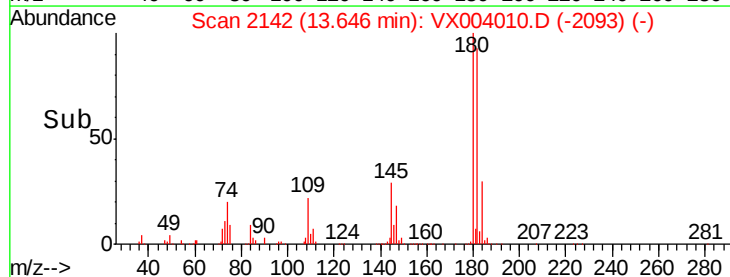
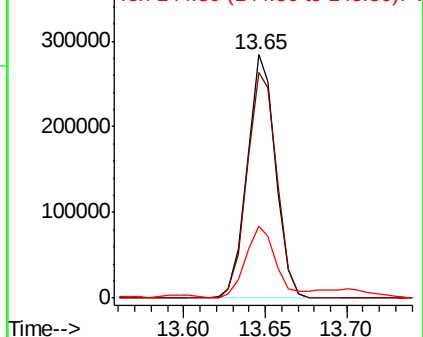


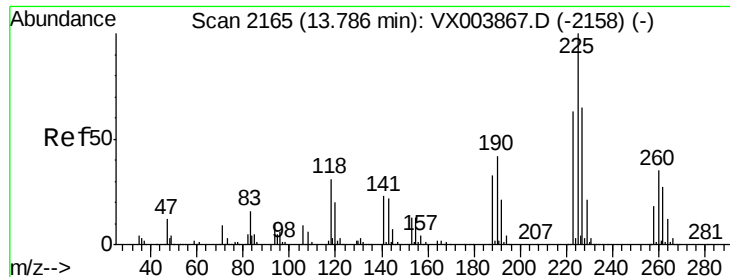
Abundance

Ion 179.80 (179.50 to 180.50): VX003867.D (-2136) (-)

Ion 181.80 (181.50 to 182.50): VX003867.D (-2136) (-)

Ion 144.80 (144.50 to 145.50): VX003867.D (-2136) (-)





#94

Hexachlorobutadiene

Concen: 42.51 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

Instrument :

MSVOA_X

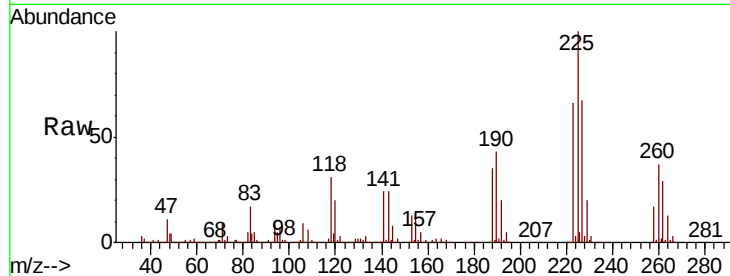
ClientSampleId :

FL-0540MS

Tot Ion:	225	Resp:	144268
Ion Ratio		Lower	Upper
225	100		
223	63.8	31.4	94.0
227	67.4	32.1	96.5

Manual Integrations
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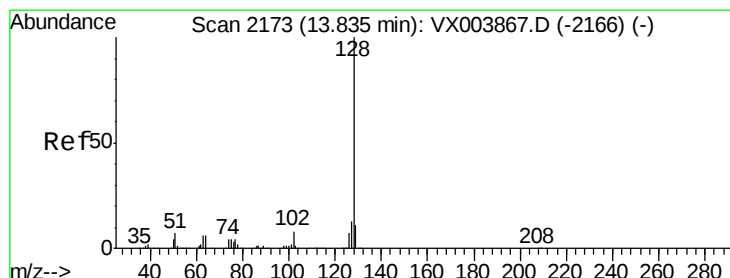
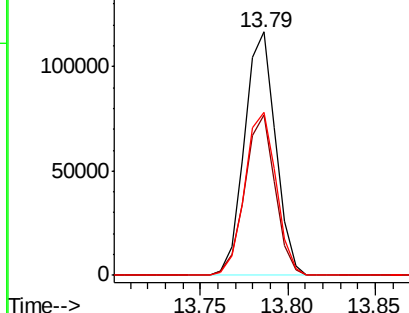
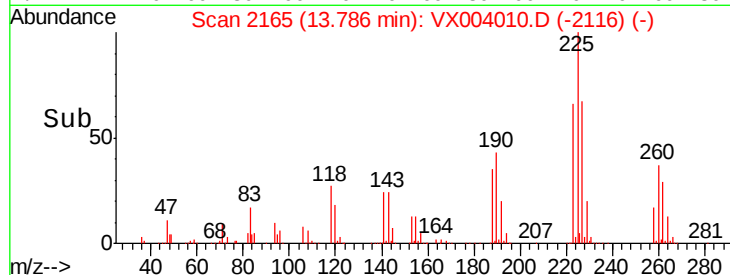


Abundance

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: 74.61 ug/l

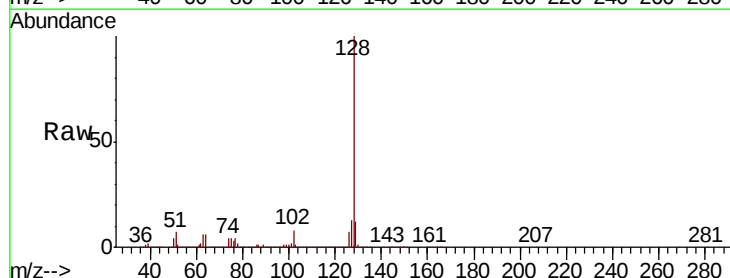
RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX004010.D

Acq: 13 Aug 2018 19:40

Tgt Ion:	128	Resp:	1548361
Ion Ratio		Lower	Upper
128	100		
127	12.9	10.2	15.2
129	11.7	8.8	13.2

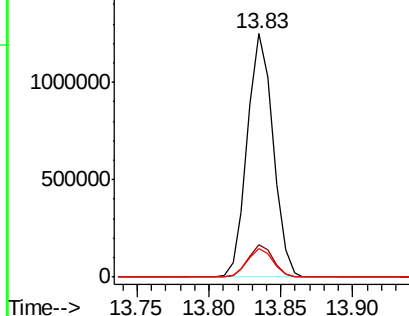
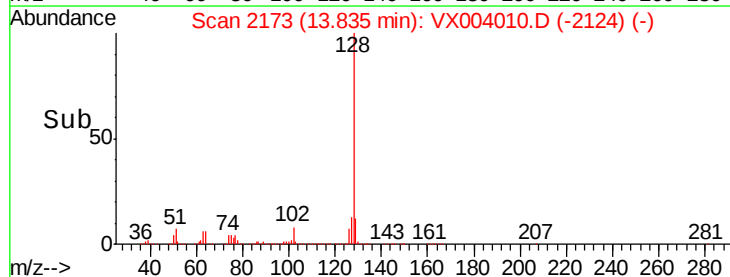


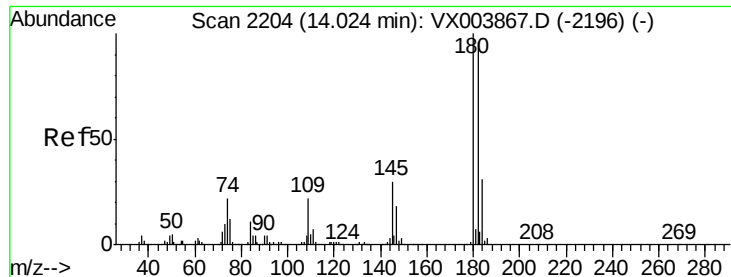
Abundance

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: 51.59 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX004010.D
 Acq: 13 Aug 2018 19:40

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0540MS

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	96.4	48.1	144.4
145	35.8	14.9	44.7

Manual Integrations
 APPROVED

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