

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
 Data File : VX003022.D
 Acq On : 29 Jun 2018 12:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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Quant Time: Jun 29 15:10:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	298390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	398004	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	381791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	244898	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	198516	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	
35) Dibromofluoromethane	5.51	113	164867	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
50) Toluene-d8	8.72	98	593593	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
62) 4-Bromofluorobenzene	11.14	95	232665	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	158812	59.67	ug/l	99
3) Chloromethane	1.32	50	149264	54.06	ug/l	100
4) Vinyl Chloride	1.40	62	166197	49.25	ug/l	96
5) Bromomethane	1.64	94	83663	53.29	ug/l	100
6) Chloroethane	1.72	64	105580	53.48	ug/l	100
7) Trichlorofluoromethane	1.93	101	266950	46.90	ug/l	98
8) Diethyl Ether	2.19	74	94047	45.45	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	153708	46.60	ug/l	99
10) Methyl Iodide	2.51	142	152321	46.09	ug/l	100
11) Tert butyl alcohol	3.07	59	170930	208.04	ug/l	99
12) 1,1-Dichloroethene	2.37	96	136919	46.53	ug/l	94
13) Acrolein	2.29	56	99390	218.74	ug/l	98
14) Allyl chloride	2.73	41	270304	46.60	ug/l	97
15) Acrylonitrile	3.15	53	390449	222.49	ug/l	99
16) Acetone	2.45	43	441229	258.33	ug/l	98
17) Carbon Disulfide	2.57	76	378757	48.31	ug/l	98
18) Methyl Acetate	2.78	43	188573	39.49	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	482868	45.64	ug/l	99
20) Methylene Chloride	2.86	84	149309	44.92	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	144955	45.22	ug/l	96
22) Diisopropyl ether	3.87	45	505029	45.55	ug/l	98
23) Vinyl Acetate	3.82	43	2242937	238.88	ug/l	99
24) 1,1-Dichloroethane	3.70	63	274245	45.50	ug/l	99
25) 2-Butanone	4.71	43	614692	242.50	ug/l	97
26) 2,2-Dichloropropane	4.59	77	237584	48.48	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	169130	47.06	ug/l	95
28) Bromochloromethane	5.02	49	142043	49.24	ug/l	92
29) Tetrahydrofuran	5.16	42	369625	227.39	ug/l	97
30) Chloroform	5.21	83	290036	46.89	ug/l	99
31) Cyclohexane	5.57	56	246392	47.64	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	257944	47.40	ug/l	99
36) 1,1-Dichloropropene	5.80	75	216448	49.59	ug/l	99
37) Ethyl Acetate	4.86	43	228864	48.70	ug/l	99
38) Carbon Tetrachloride	5.78	117	234811	49.02	ug/l	99

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Manual Integrations
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Quant Time: Jun 29 15:10:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	248215	48.82	ug/l	96
40) Benzene	6.15	78	623892	49.20	ug/l	100
41) Methacrylonitrile	5.06	41	129952	48.02	ug/l	98
42) 1,2-Dichloroethane	6.20	62	236885	46.24	ug/l	99
43) Isopropyl Acetate	6.46	43	377048	47.84	ug/l	99
44) Trichloroethene	7.21	130	185859	49.16	ug/l	100
45) 1,2-Dichloropropane	7.52	63	159272	47.35	ug/l	98
46) Dibromomethane	7.67	93	111177	47.62	ug/l	96
47) Bromodichloromethane	7.90	83	216698	50.21	ug/l	98
48) Methyl methacrylate	7.78	41	195182	48.06	ug/l	96
49) 1,4-Dioxane	7.76	88	71940	910.52	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1189425	241.21	ug/l	98
52) Toluene	8.79	92	404066	49.74	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	253777	51.92	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	239050	50.83	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	163803	49.07	ug/l	99
56) Ethyl methacrylate	9.18	69	248272	50.89	ug/l	95
57) 1,3-Dichloropropane	9.37	76	267583	48.80	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	577635	245.40	ug/l	98
59) 2-Hexanone	9.50	43	937838	250.24	ug/l	97
60) Dibromochloromethane	9.59	129	177337	50.46	ug/l	99
61) 1,2-Dibromoethane	9.68	107	175262	50.05	ug/l	99
64) Tetrachloroethene	9.34	164	205303	48.36	ug/l	96
65) Chlorobenzene	10.14	112	466143	48.07	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	172733	49.03	ug/l	99
67) Ethyl Benzene	10.26	91	794615	49.60	ug/l	100
68) m/p-Xylenes	10.36	106	621352	100.64	ug/l	98
69) o-Xylene	10.70	106	300717	50.02	ug/l	98
70) Styrene	10.71	104	503736	51.57	ug/l	99
71) Bromoform	10.86	173	139655	44.35	ug/l	100
73) Isopropylbenzene	11.02	105	810288	49.18	ug/l	99
74) N-amyl acetate	6.46	43	377048	46.77	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	243867	48.05	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	213346m	48.09	ug/l	
77) Bromobenzene	11.26	156	226815	48.34	ug/l	97
78) n-propylbenzene	11.36	91	924340	49.29	ug/l	99
79) 2-Chlorotoluene	11.42	91	549160	48.37	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	679922	49.00	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	67380	44.47	ug/l	100
82) 4-Chlorotoluene	11.51	91	652821	48.57	ug/l	99
83) tert-Butylbenzene	11.77	119	667262	48.79	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	702667	48.87	ug/l	99
85) sec-Butylbenzene	11.95	105	791243	47.69	ug/l	99
86) p-Isopropyltoluene	12.07	119	726145	48.68	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	415211	48.46	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	421265	47.77	ug/l	99
89) n-Butylbenzene	12.39	91	638820	49.21	ug/l	99
90) Hexachloroethane	12.60	117	100690	45.39	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	414510	47.93	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53219	46.65	ug/l	96

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VSTDCCC050

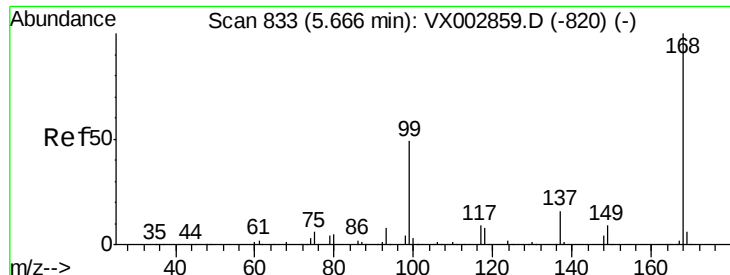
Manual Integrations
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Quant Time: Jun 29 15:10:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	308144	48.96	ug/l	100
94) Hexachlorobutadiene	13.79	225	155978	49.69	ug/l	99
95) Naphthalene	13.83	128	851754	50.81	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	305631	48.61	ug/l	100

(#) = 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: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 298390

Ion Ratio Lower Upper

168 100

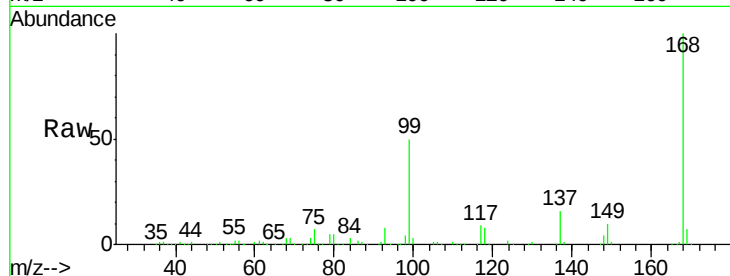
99 49.9 39.3 58.9

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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

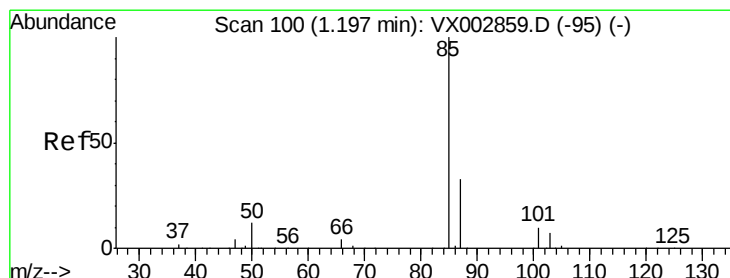
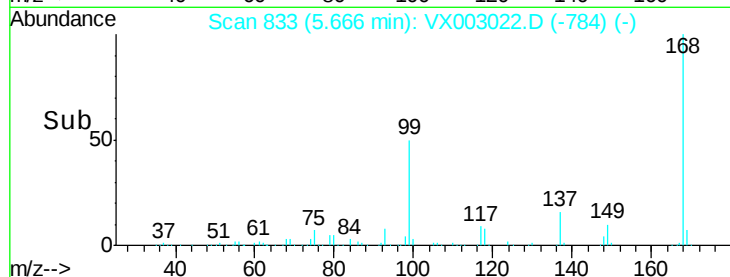
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 59.67 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003022.D

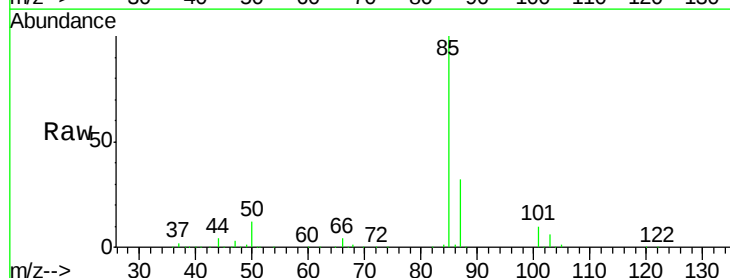
Acq: 29 Jun 2018 12:00

Tgt Ion: 85 Resp: 158812

Ion Ratio Lower Upper

85 100

87 31.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

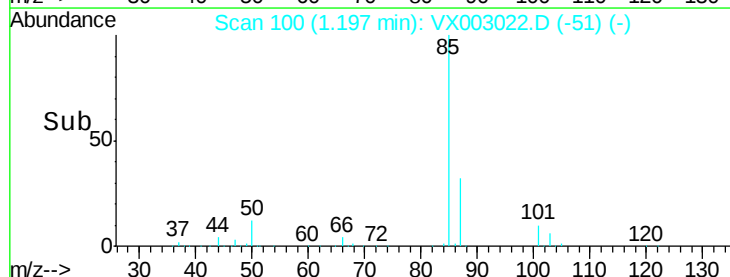
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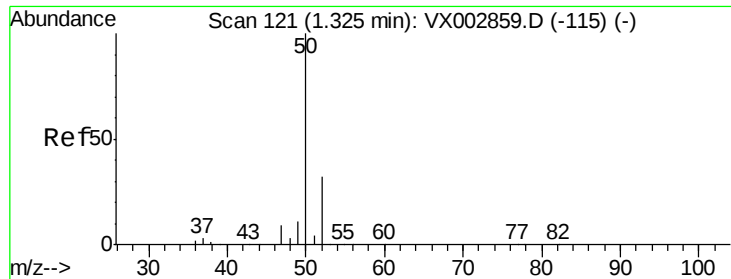
100000

50000

0

Time-->





#3

Chloromethane

Concen: 54.06 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 149264

Ion Ratio Lower Upper

50 100

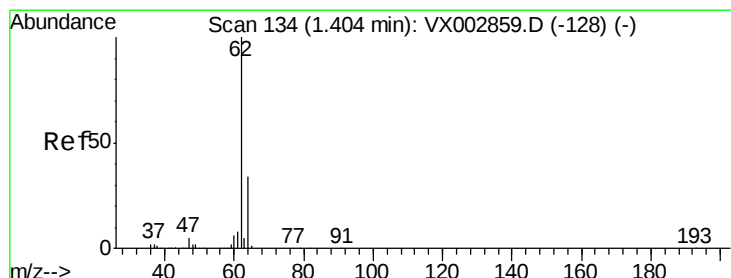
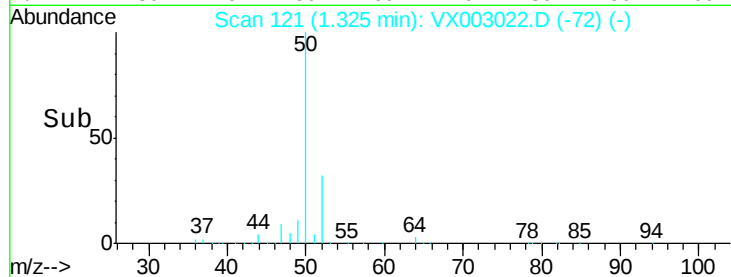
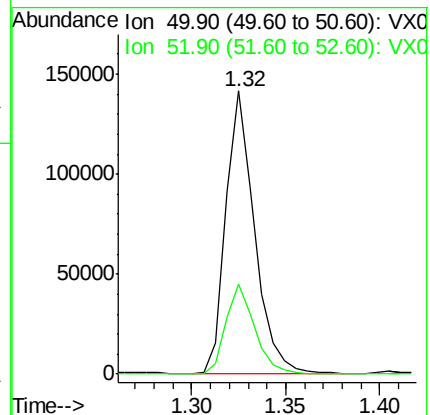
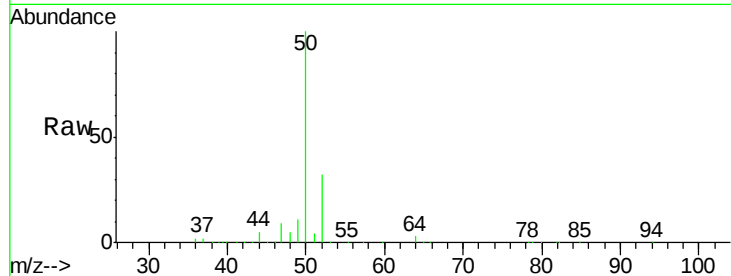
52 31.9 25.7 38.5

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#4

Vinyl Chloride

Concen: 49.25 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003022.D

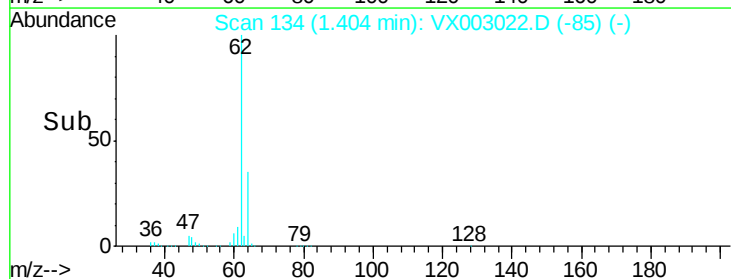
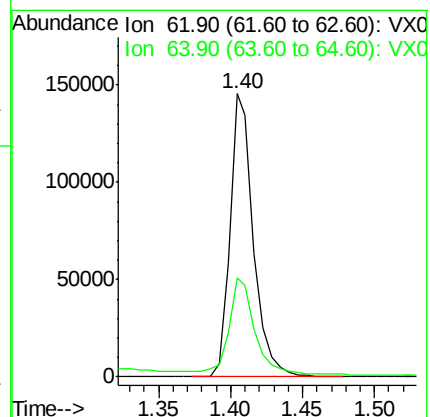
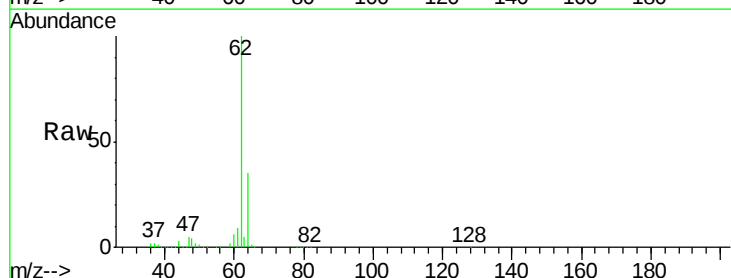
Acq: 29 Jun 2018 12:00

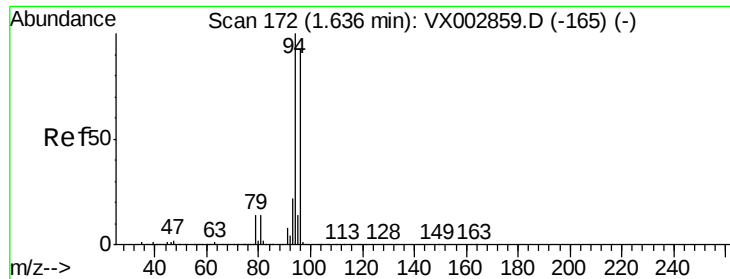
Tgt Ion: 62 Resp: 166197

Ion Ratio Lower Upper

62 100

64 34.2 25.4 38.2





#5

Bromomethane

Concen: 53.29 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 83663

Ion Ratio Lower Upper

94 100

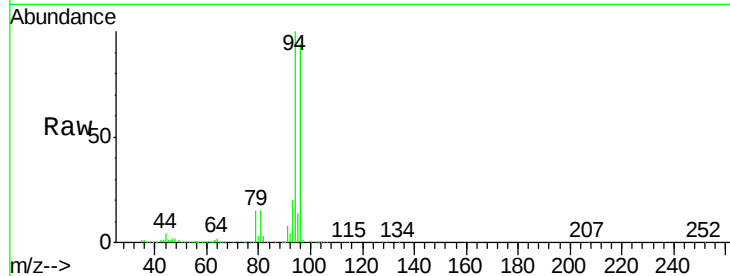
96 93.6 74.9 112.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

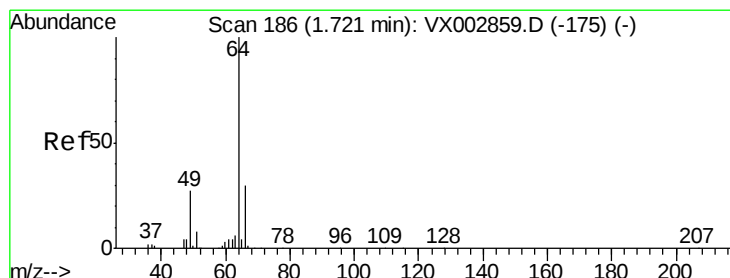
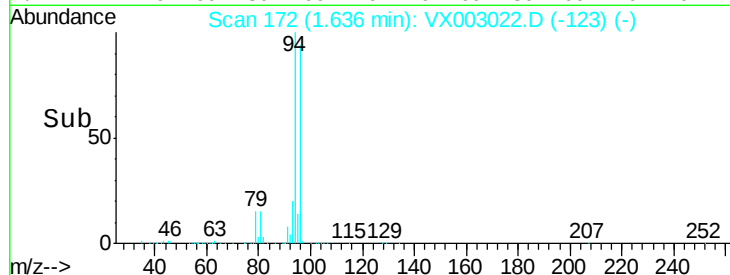
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 53.48 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX003022.D

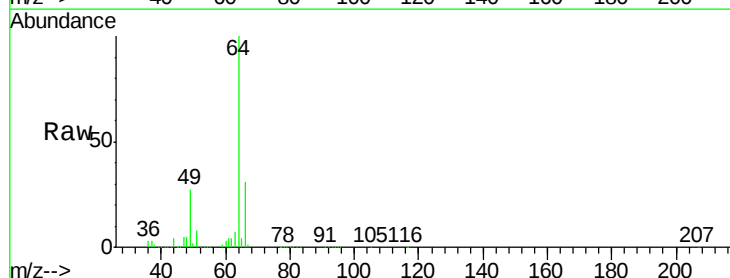
Acq: 29 Jun 2018 12:00

Tgt Ion: 64 Resp: 105580

Ion Ratio Lower Upper

64 100

66 31.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

80000

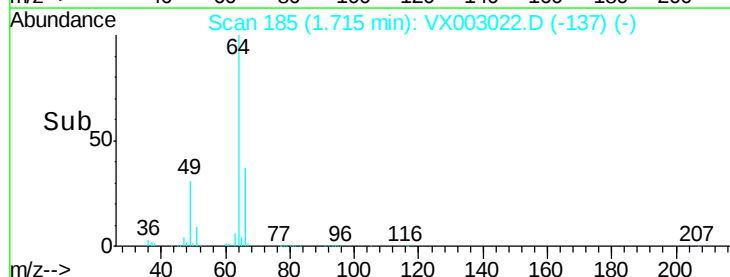
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40000

20000

0

Time-->





#7

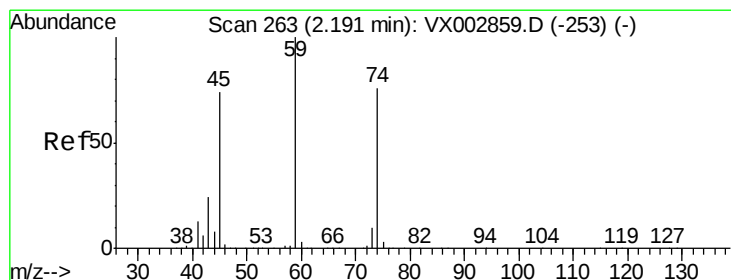
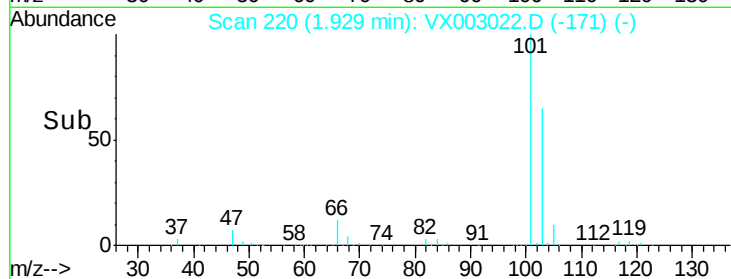
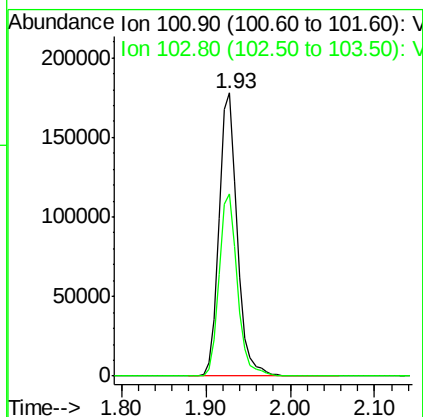
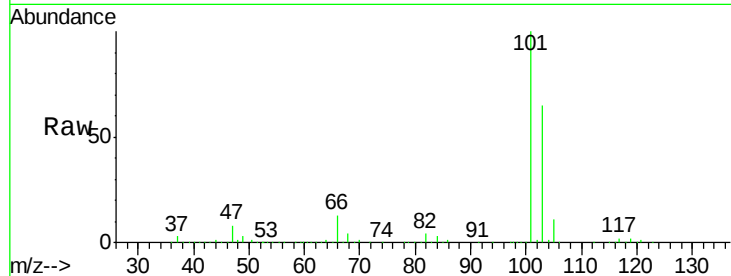
Trichlorofluoromethane
Concen: 46.90 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	52.8	79.2

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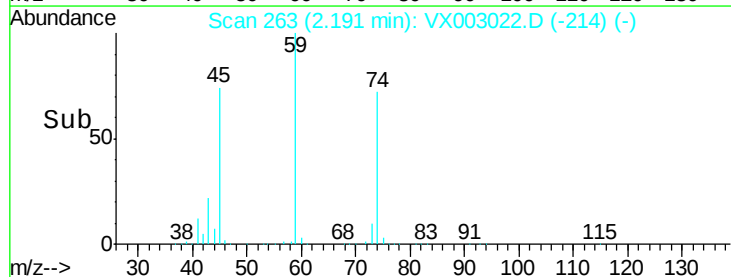
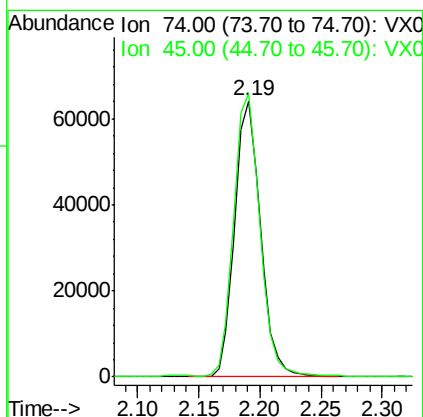
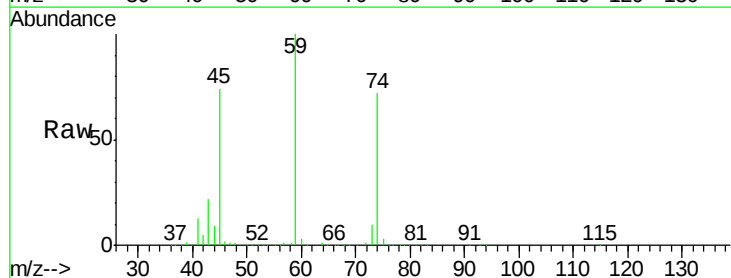
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#8

Diethyl Ether
Concen: 45.45 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.5	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.60 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

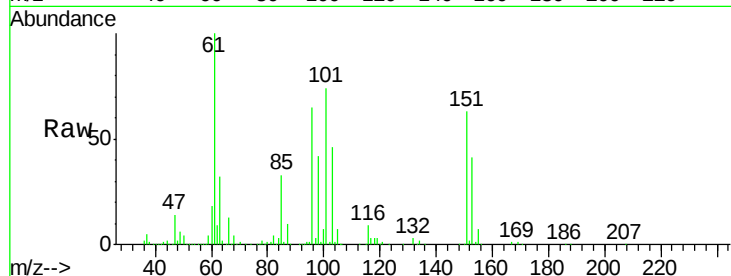
ClientSampled :

VSTDCCC050

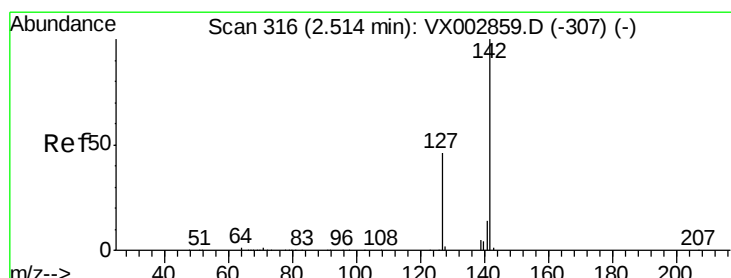
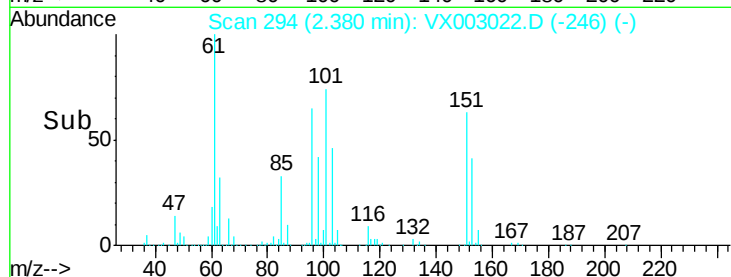
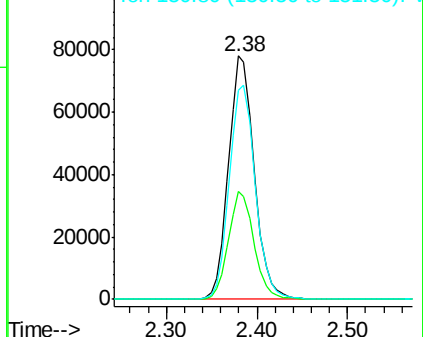
Tot Ion:	101	Resp:	153708
Ion Ratio	Lower	Upper	
101	100		
85	43.9	36.0	54.0
151	89.1	70.9	106.3

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.09 ug/l

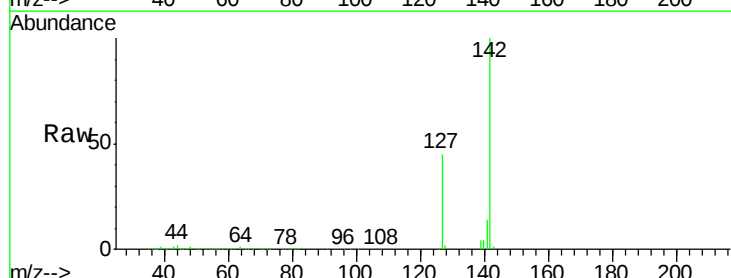
RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

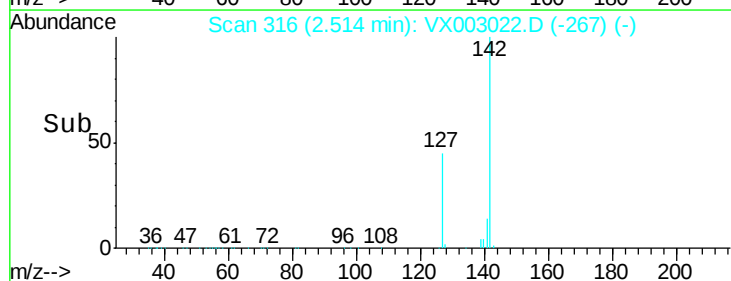
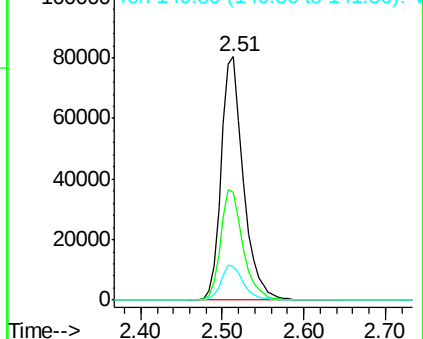
Lab File: VX003022.D

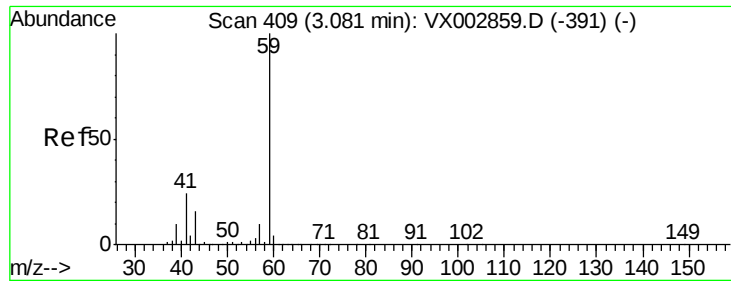
Acq: 29 Jun 2018 12:00

Tgt Ion:	142	Resp:	152321
Ion Ratio	Lower	Upper	
142	100		
127	45.7	36.6	55.0
141	14.5	11.3	16.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

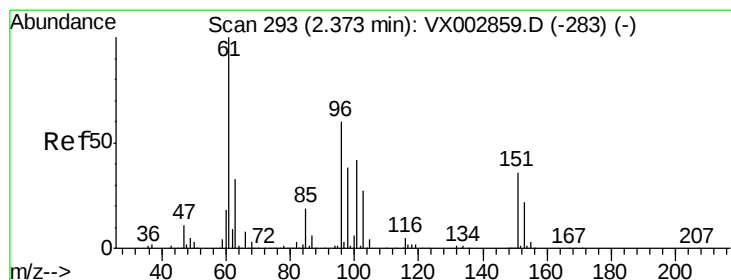
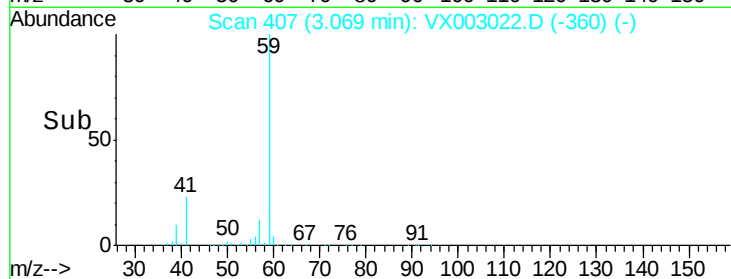
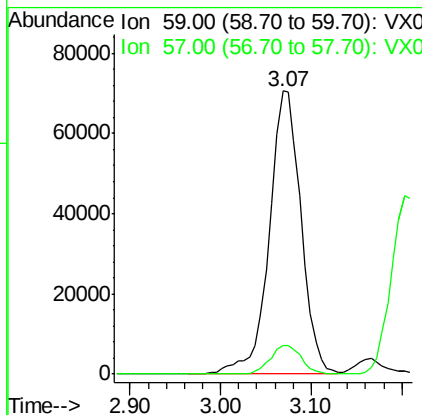
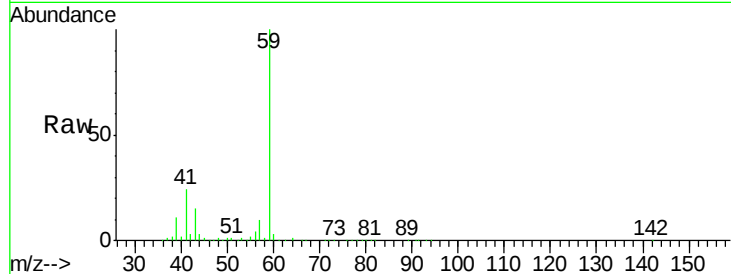
Tert butyl alcohol
 Concen: 208.04 ug/l
 RT: 3.07 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.2	12.2

Manual Integrations
 APPROVED

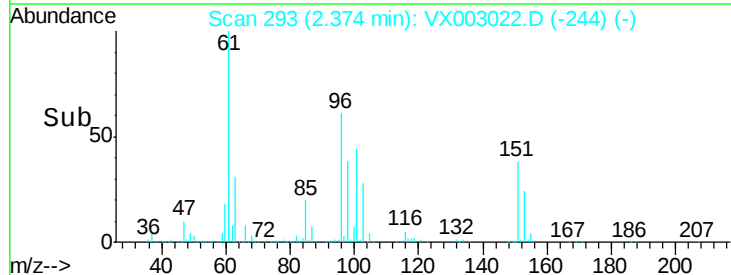
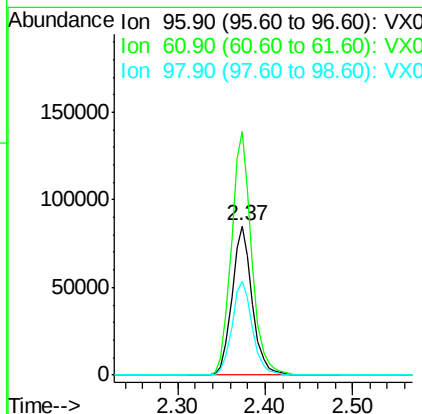
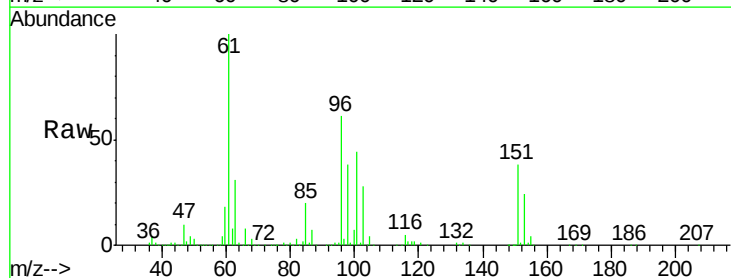
apatel
 7/2/2018 4:15:18 PM



#12

1,1-Dichloroethene
 Concen: 46.53 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.9	137.9	206.9
98	62.7	51.6	77.4





#13

Acrolein

Concen: 218.74 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 99390

Ion Ratio Lower Upper

56 100

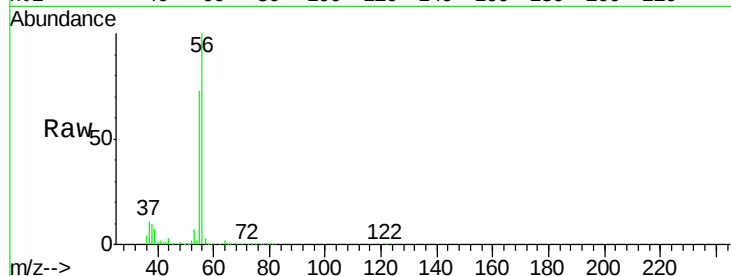
55 73.0 57.0 85.4

Manual Integrations

APPROVED

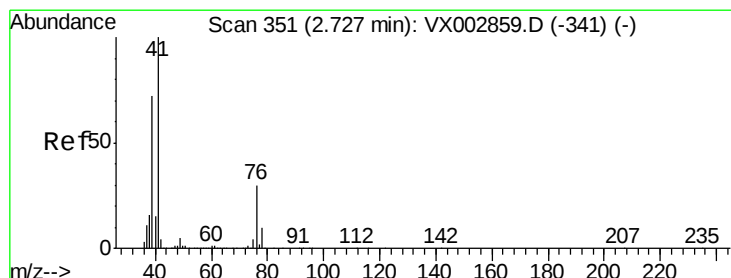
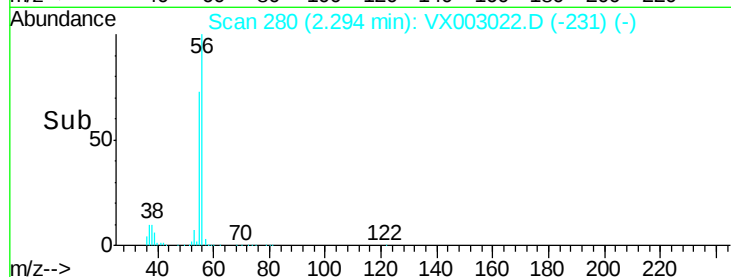
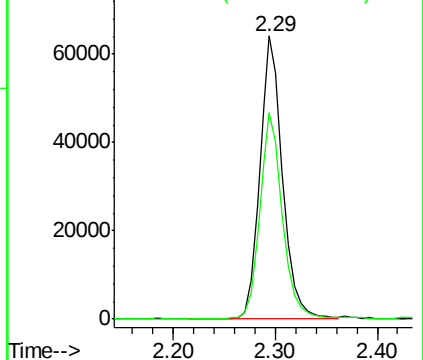
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 46.60 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

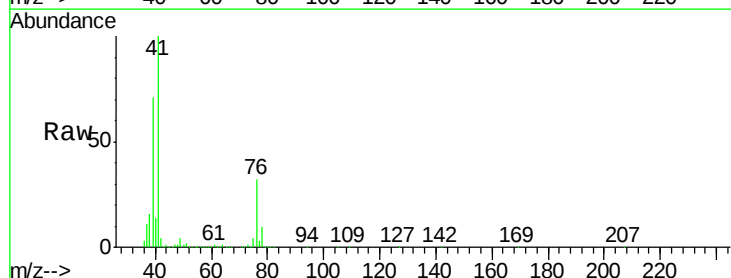
Tgt Ion: 41 Resp: 270304

Ion Ratio Lower Upper

41 100

39 68.4 56.8 85.2

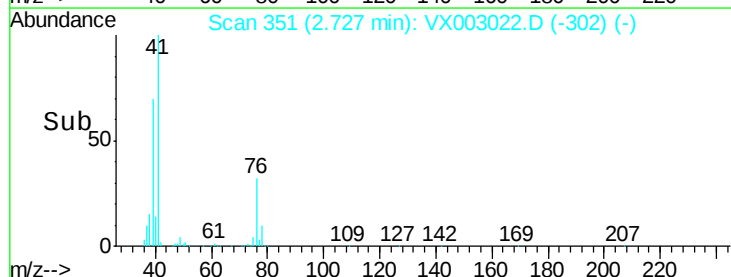
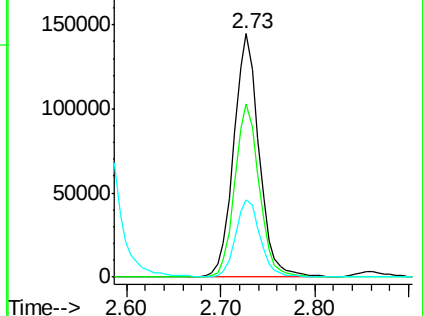
76 30.7 23.8 35.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





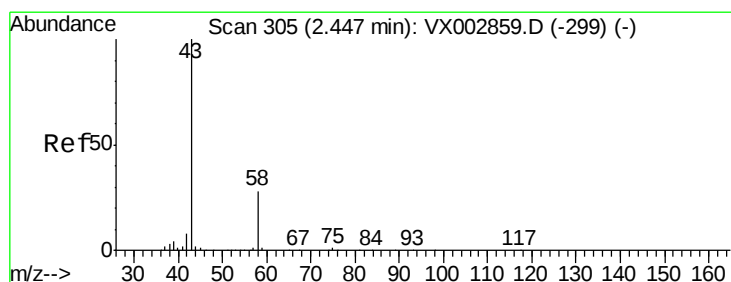
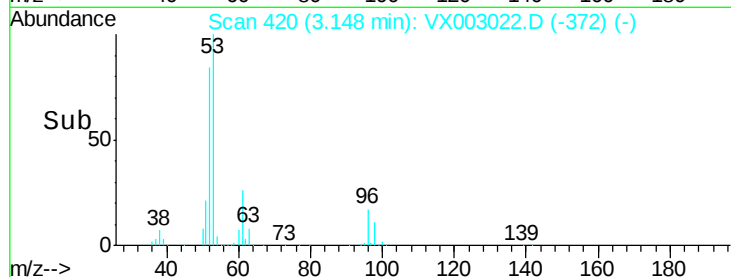
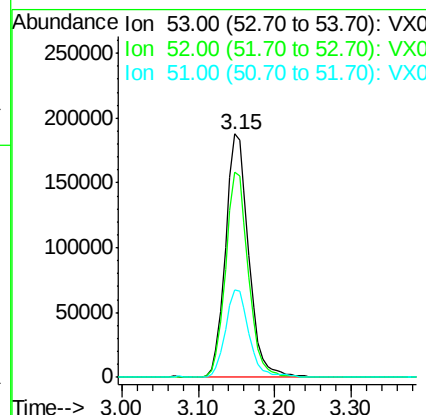
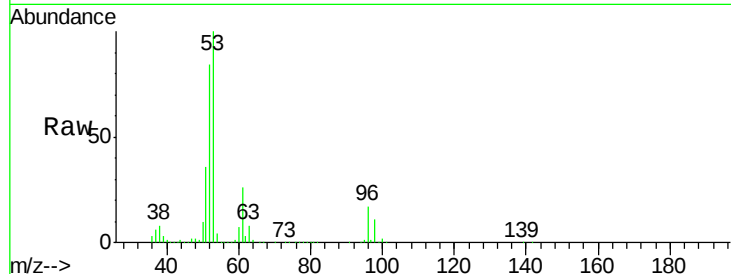
#15
 Acrylonitrile
 Concen: 222.49 ug/l
 RT: 3.15 min Scan# 420
 Delta R.T. -0.01 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.7	100.1
51	36.8	29.9	44.9

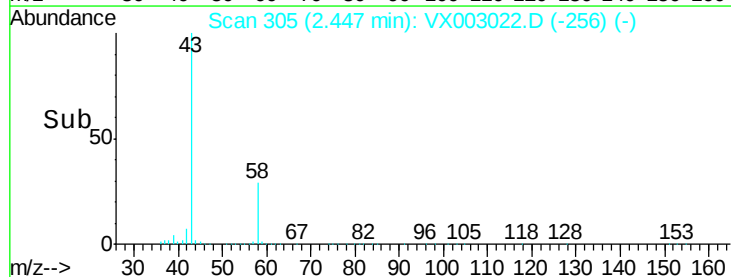
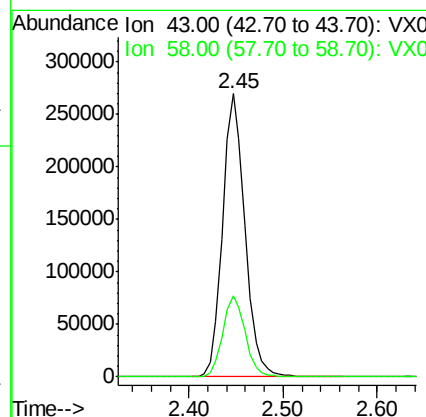
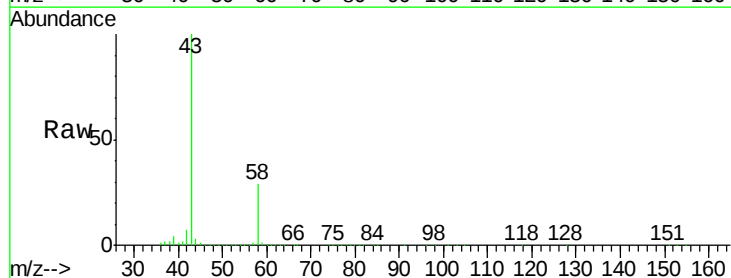
Manual Integrations
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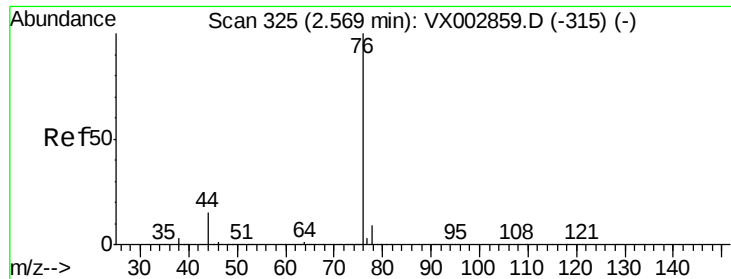
apatel
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#16
 Acetone
 Concen: 258.33 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. 0.00 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.7	22.1	33.1





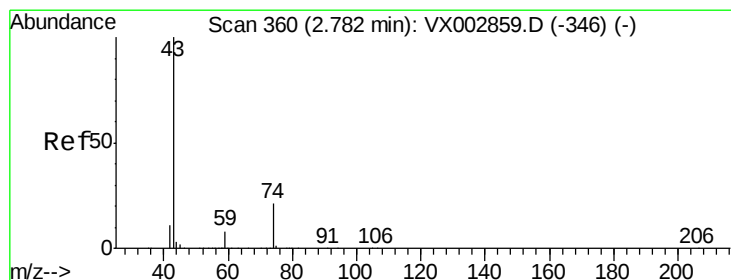
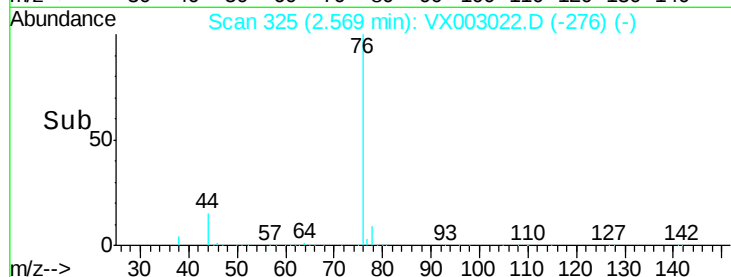
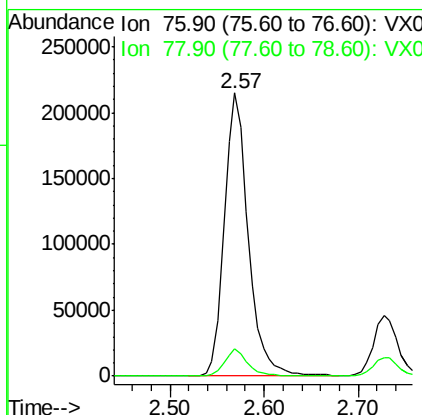
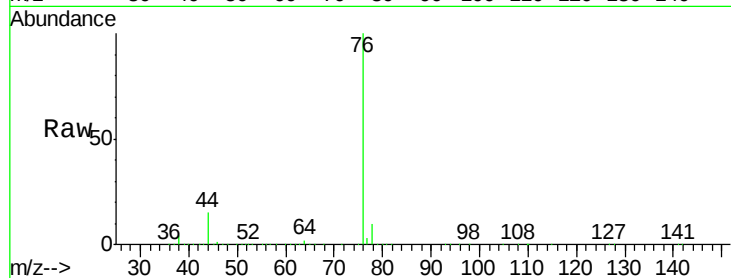
#17
Carbon Disulfide
Concen: 48.31 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	6.9	10.3

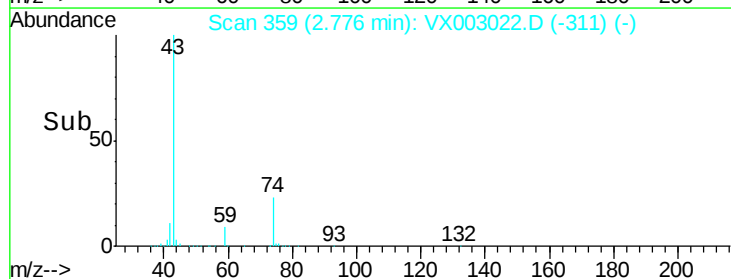
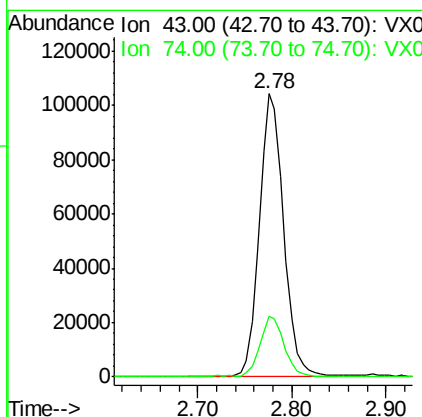
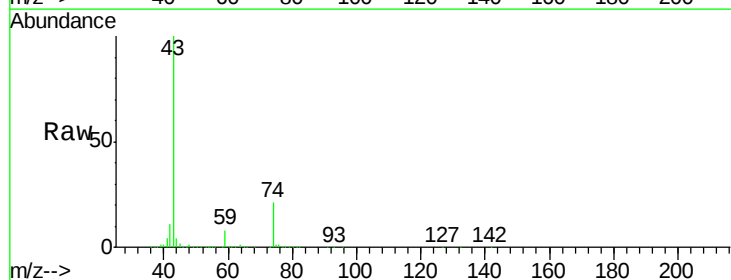
Manual Integrations
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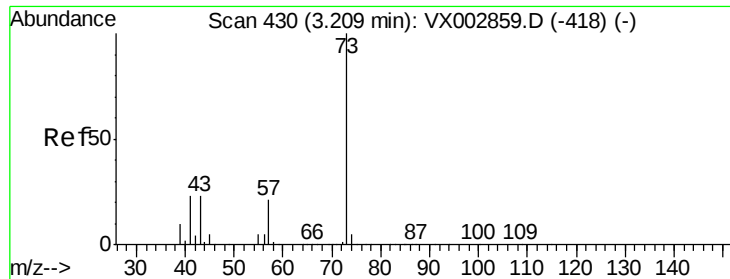
apatel
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#18
Methyl Acetate
Concen: 39.49 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.3	16.7	25.1





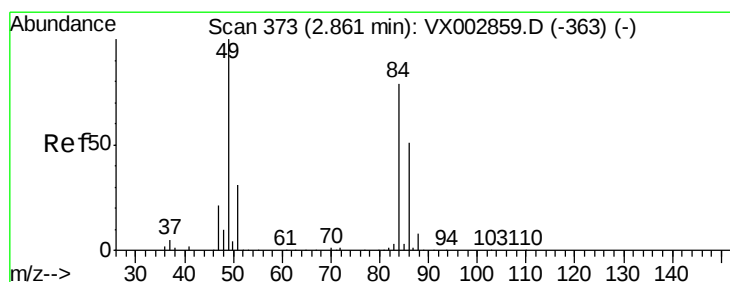
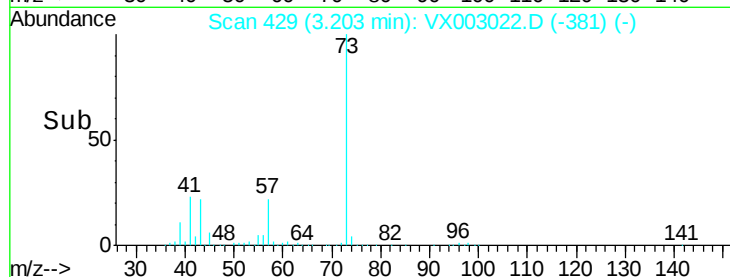
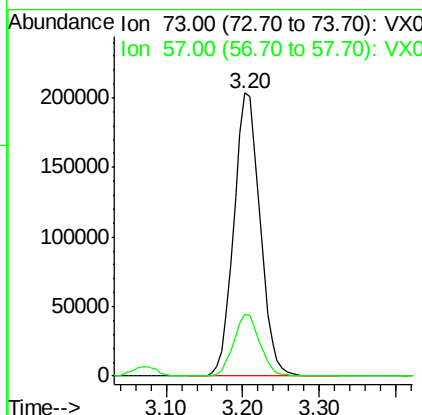
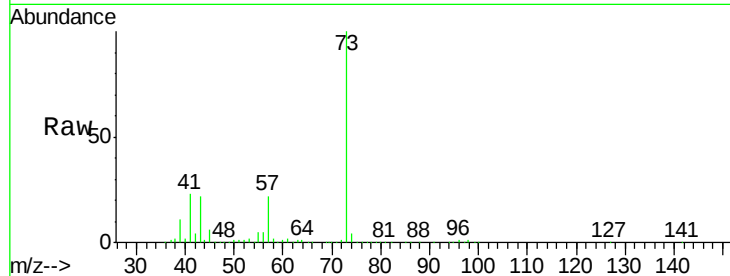
#19
Methyl tert-butyl Ether
Concen: 45.64 ug/l
RT: 3.20 min Scan# 429
Delta R.T. -0.01 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 482868
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5

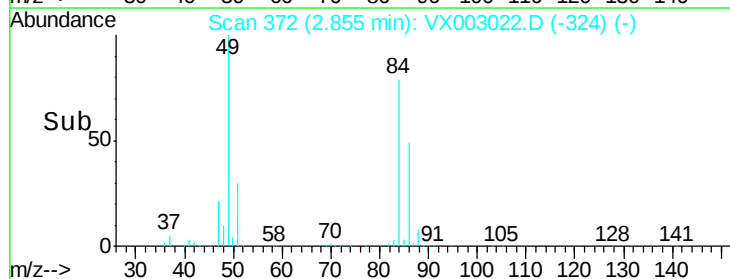
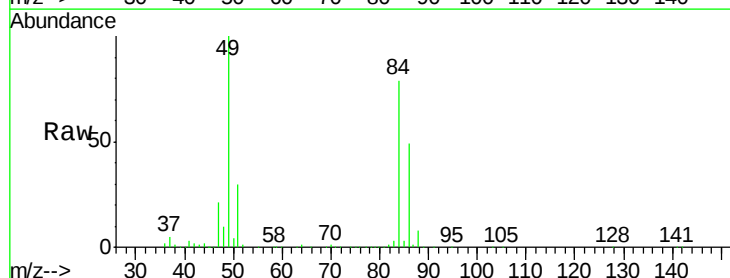
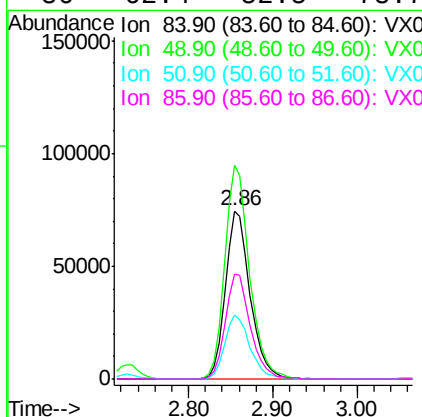
Manual Integrations
APPROVED

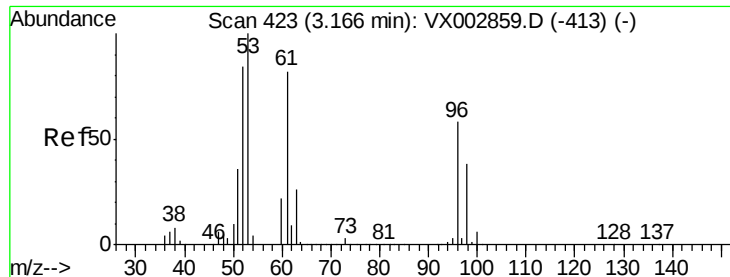
apatel
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#20
Methylene Chloride
Concen: 44.92 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Tgt Ion: 84 Resp: 149309
Ion Ratio Lower Upper
84 100
49 127.2 107.8 161.6
51 38.1 32.8 49.2
86 62.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 45.22 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

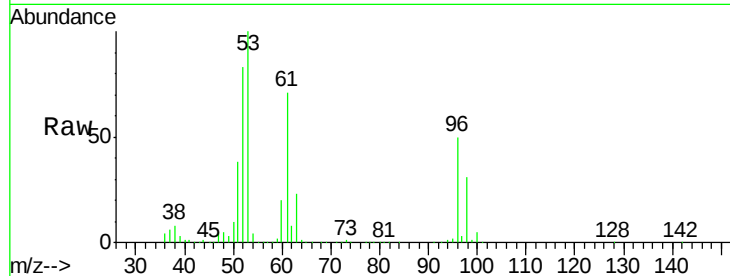
ClientSampled :

VSTDCCC050

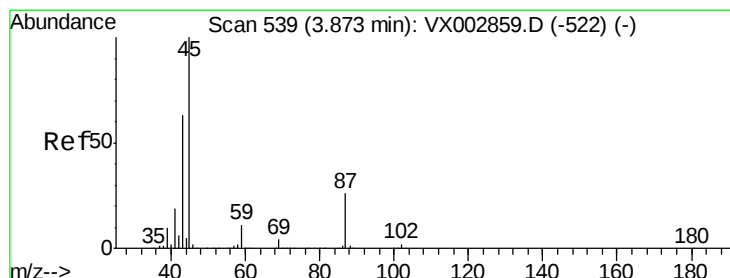
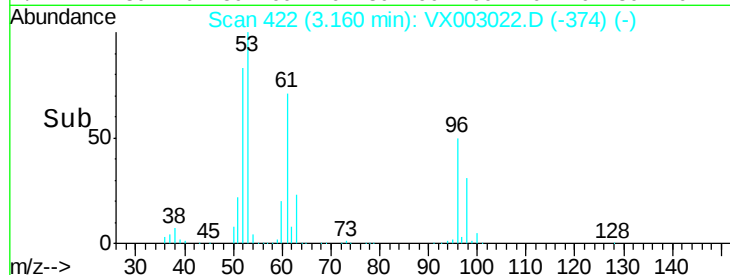
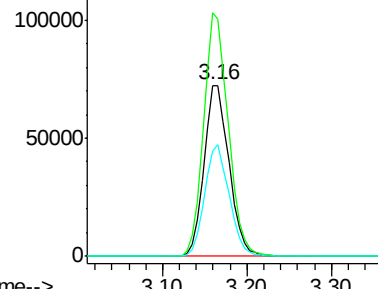
Tot Ion:	96	Resp:	144955
Ion	Ratio	Lower	Upper
96	100		
61	142.2	117.0	175.4
98	61.5	52.4	78.6

Manual Integrations
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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: 45.55 ug/l

RT: 3.87 min Scan# 539

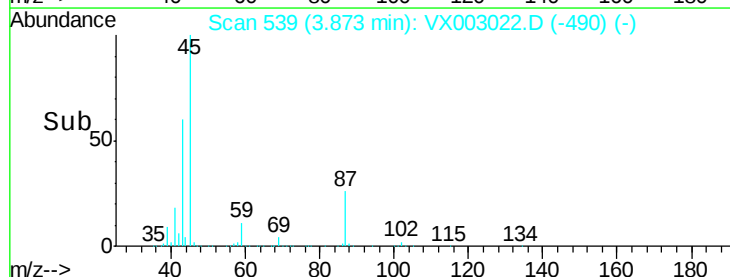
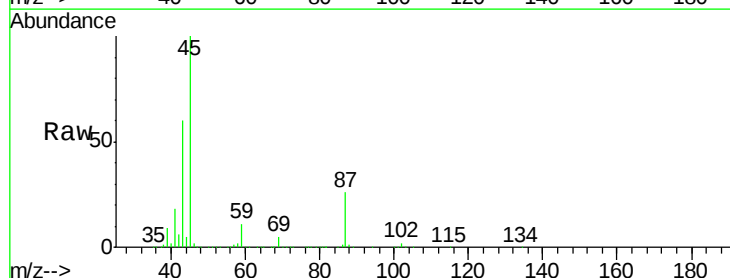
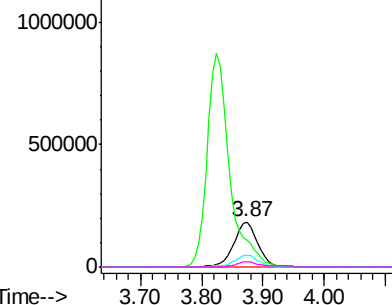
Delta R.T. 0.00 min

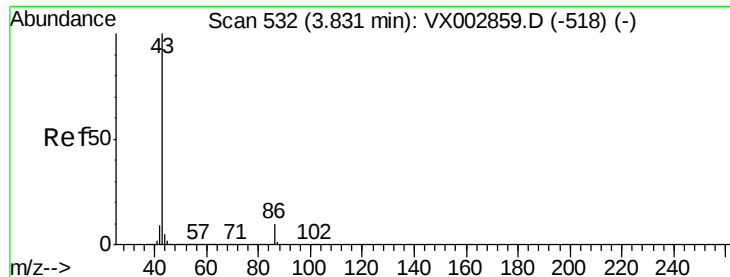
Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Tgt Ion:	45	Resp:	505029
Ion	Ratio	Lower	Upper
45	100		
43	60.2	46.8	70.2
87	26.3	20.2	30.4
59	10.8	8.7	13.1

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





#23

Vinyl Acetate

Concen: 238.88 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Tot Ion: 43 Resp: 2242937

Ion Ratio Lower Upper

43 100

86 9.6 7.4 11.0

Instrument :

MSVOA_X

ClientSampleId :

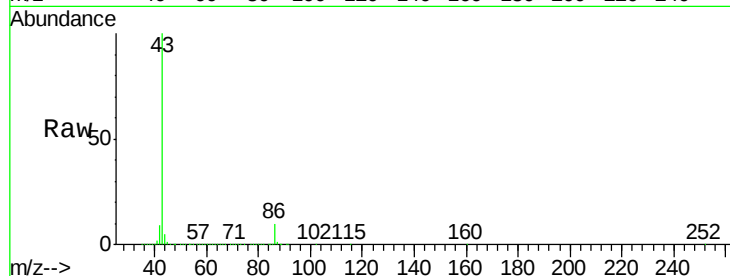
VSTDCCC050

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1000000

800000

600000

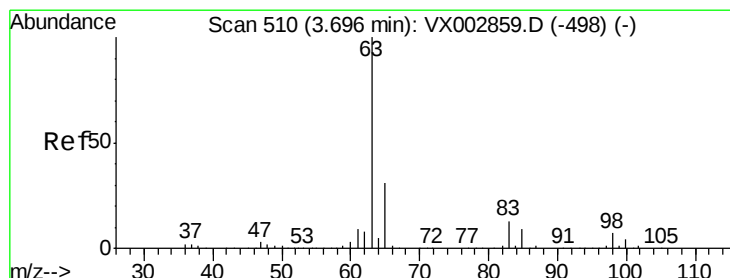
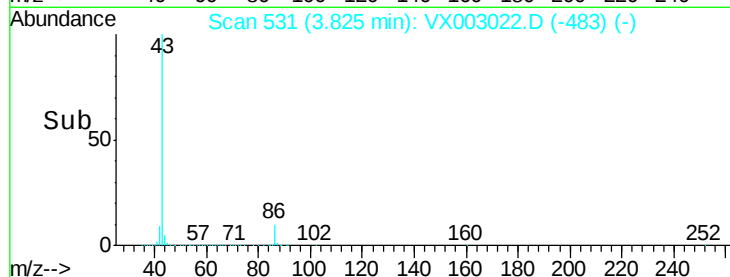
400000

200000

0

3.70 3.80 3.90 4.00 4.10

Time-->



#24

1,1-Dichloroethane

Concen: 45.50 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

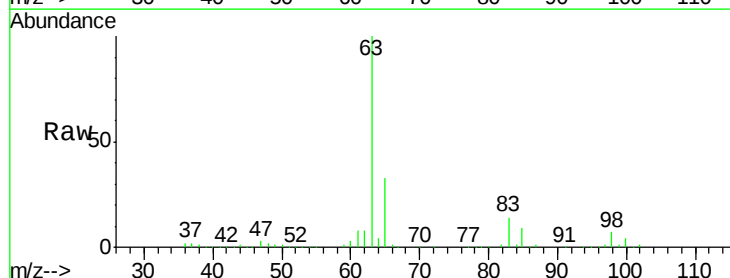
Tgt Ion: 63 Resp: 274245

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

100 4.1 2.0 6.0



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

150000

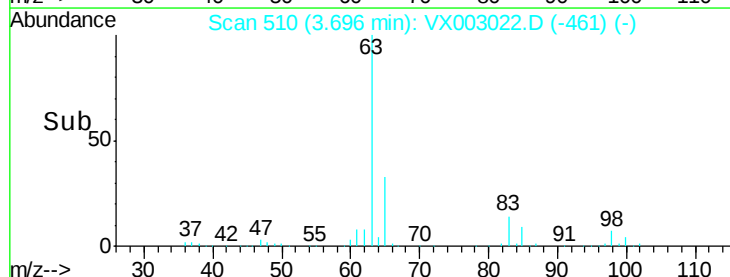
100000

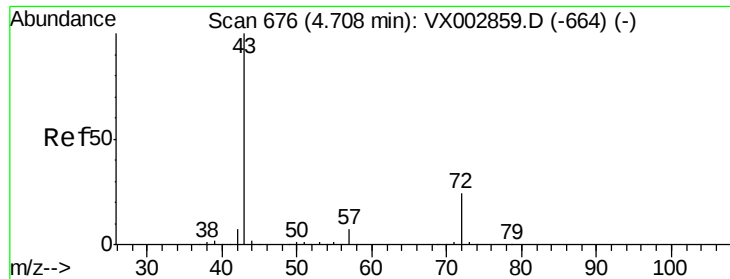
50000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 242.50 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 614692

Ion Ratio Lower Upper

43 100

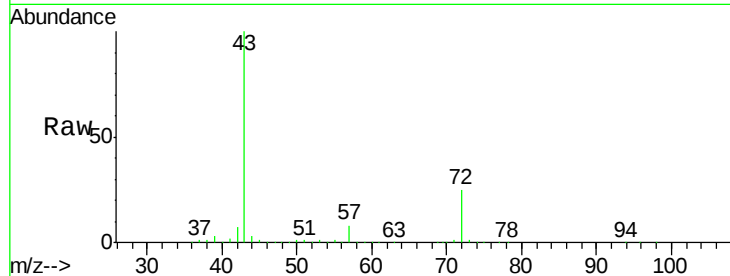
72 24.6 18.5 27.7

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

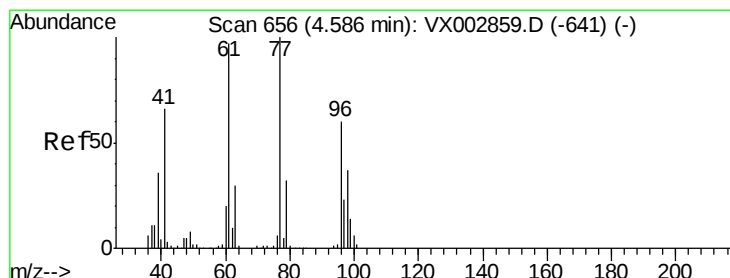
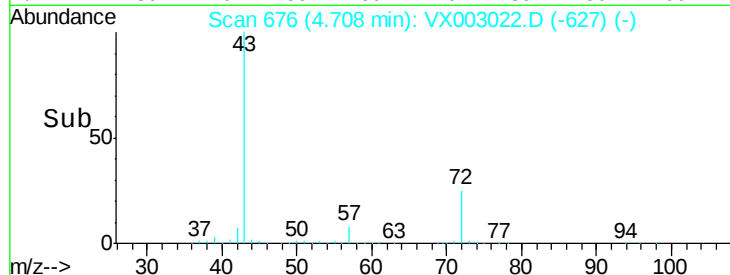
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 48.48 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003022.D

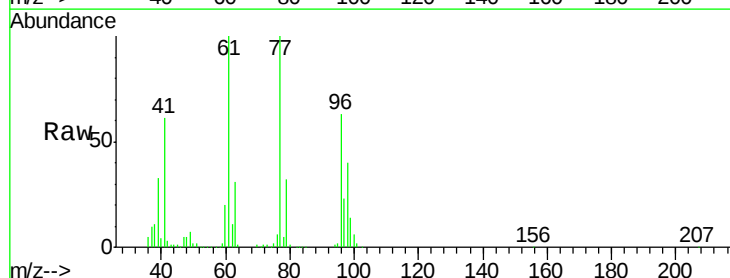
Acq: 29 Jun 2018 12:00

Tgt Ion: 77 Resp: 237584

Ion Ratio Lower Upper

77 100

97 22.8 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

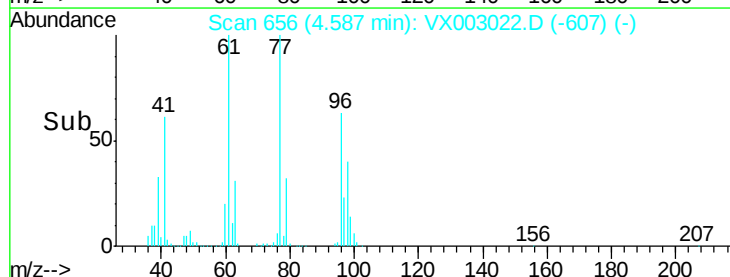
40000

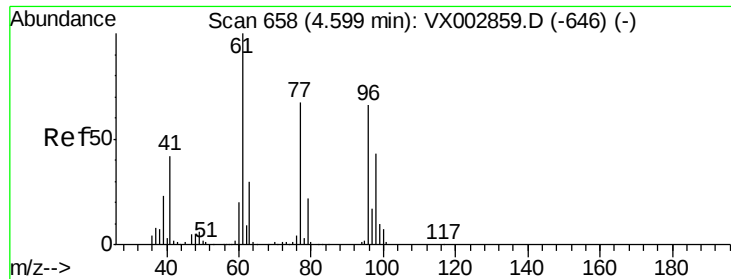
20000

0

4.40 4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 47.06 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

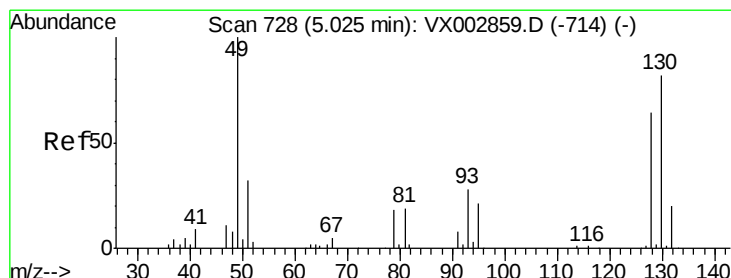
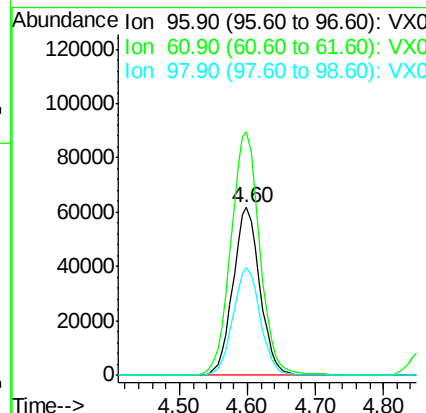
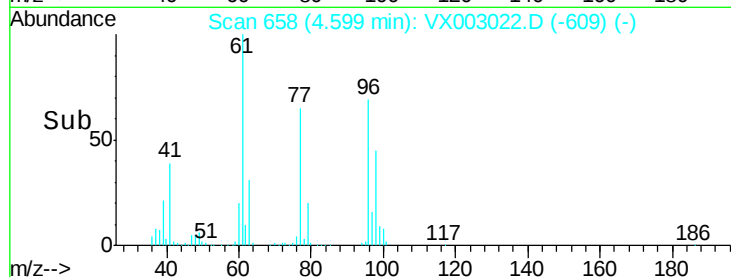
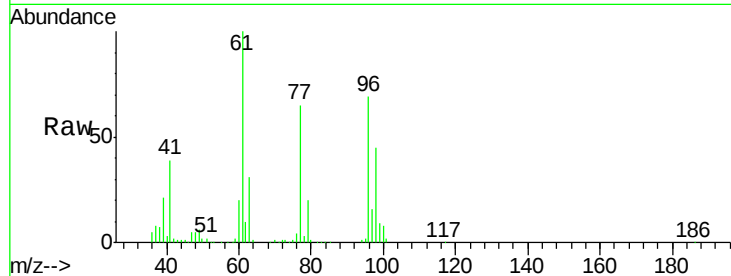
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	169130
Ion	Ratio	Lower	Upper
96	100		
61	155.5	0.0	330.2
98	65.1	0.0	130.2

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#28

Bromochloromethane

Concen: 49.24 ug/l

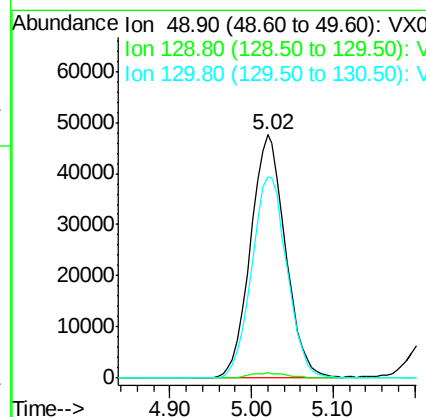
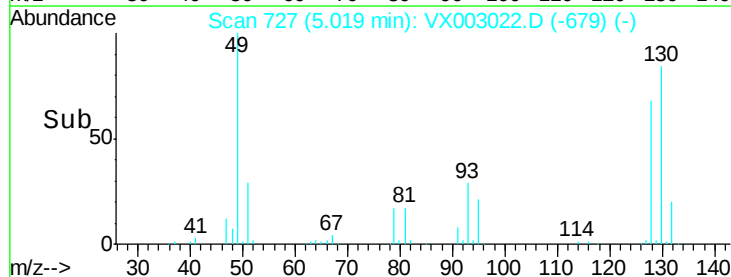
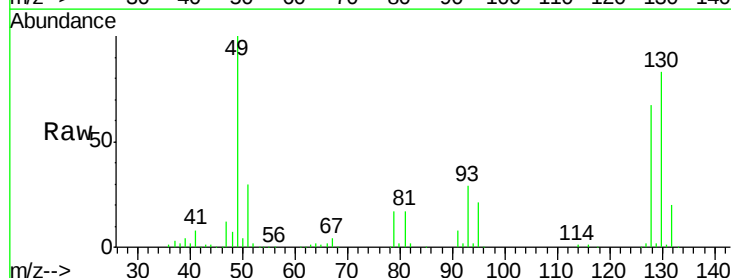
RT: 5.02 min Scan# 727

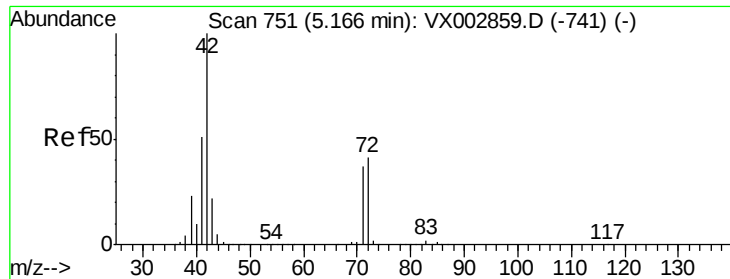
Delta R.T. -0.01 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Tgt Ion:	49	Resp:	142043
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	83.8	61.2	91.8





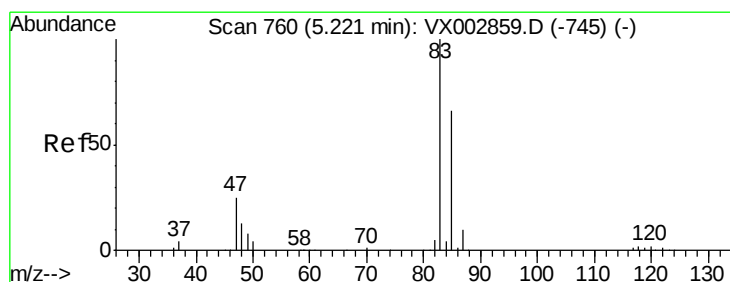
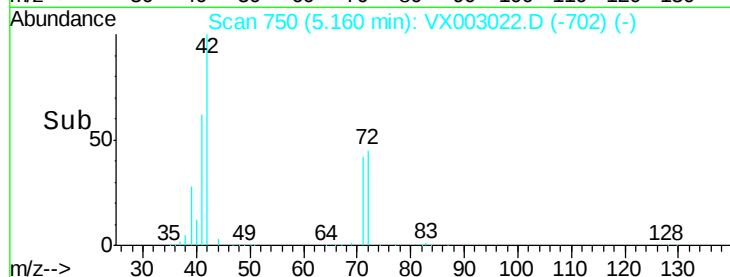
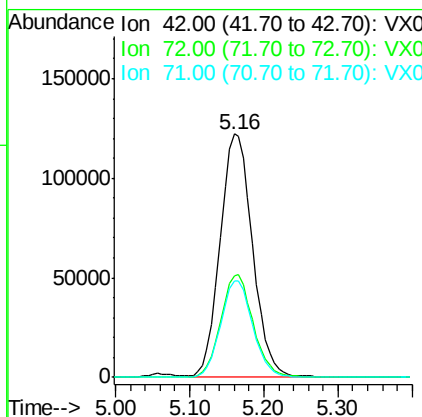
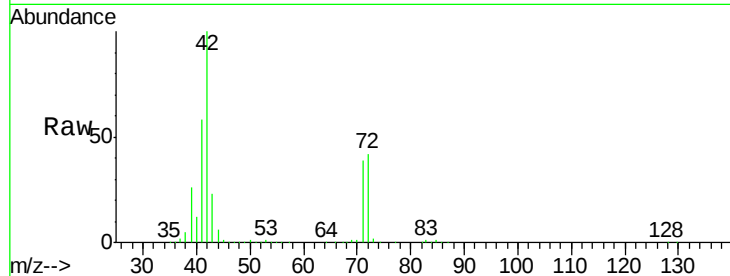
#29
Tetrahydrofuran
Concen: 227.39 ug/l
RT: 5.16 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.2	32.0	48.0
71	39.3	30.1	45.1

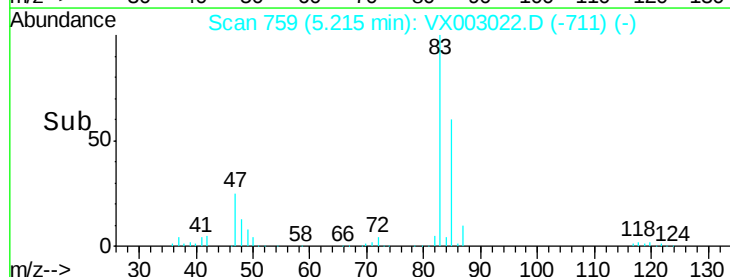
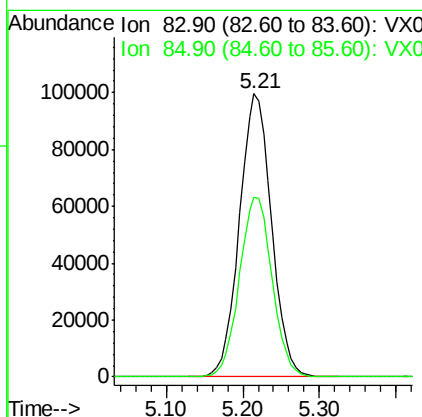
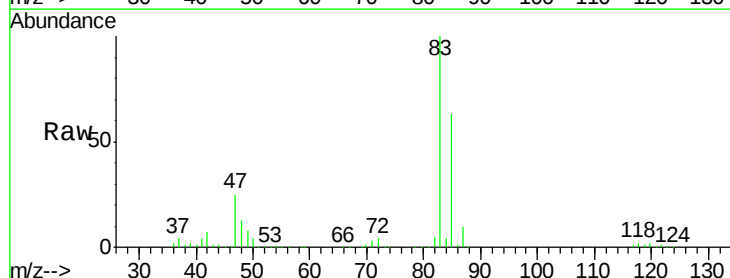
Manual Integrations
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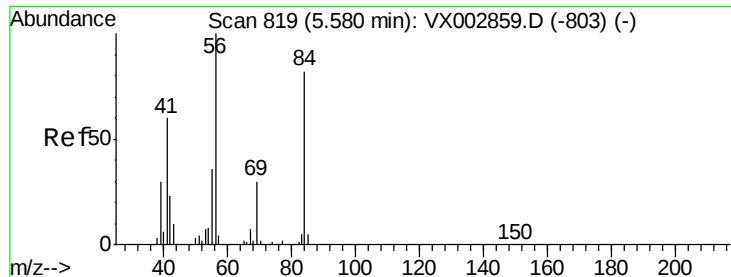
apatel
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#30
Chloroform
Concen: 46.89 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.4	75.6





#31

Cyclohexane

Concen: 47.64 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

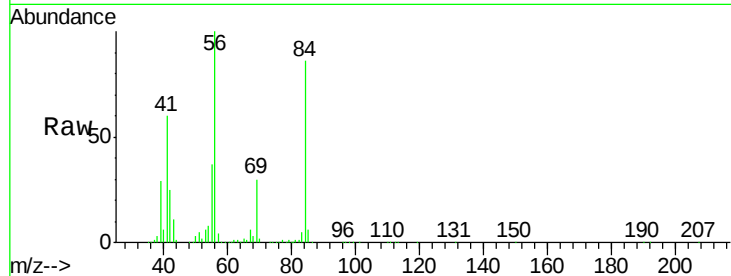
ClientSampled :

VSTDCCC050

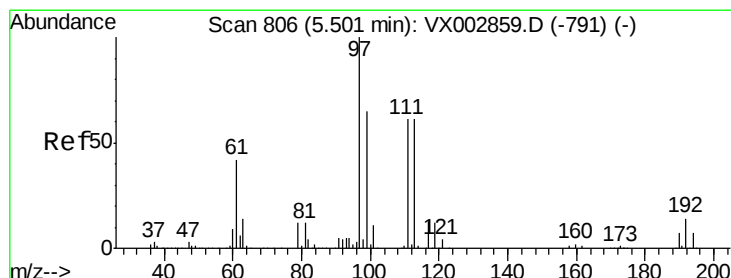
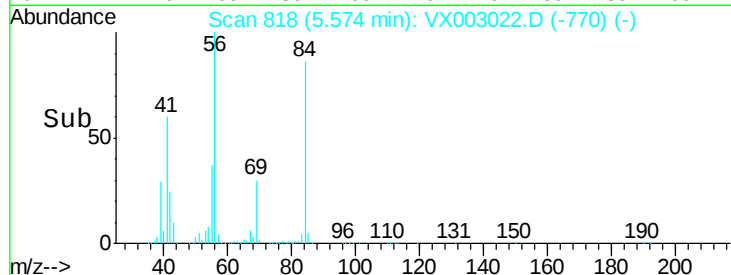
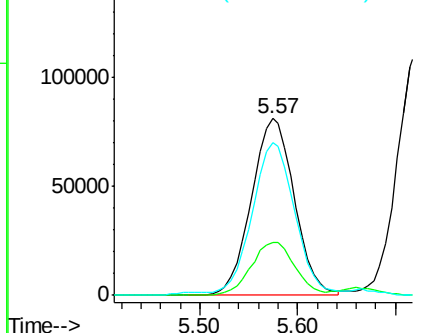
Tot Ion:	56	Resp:	246392
Ion Ratio	Lower	Upper	
56	100		
69	29.6	23.7	35.5
84	84.5	64.1	96.1

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Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 47.40 ug/l

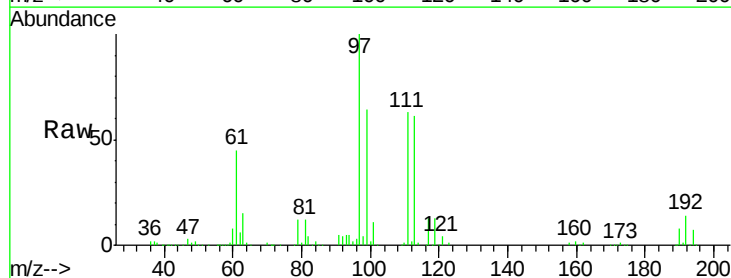
RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

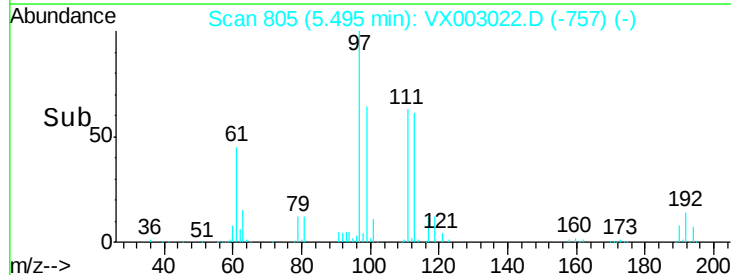
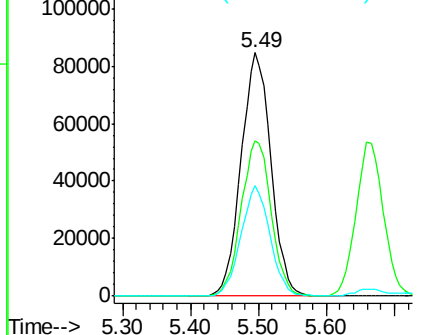
Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Tgt Ion:	97	Resp:	257944
Ion Ratio	Lower	Upper	
97	100		
99	64.4	51.6	77.4
61	44.3	36.4	54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





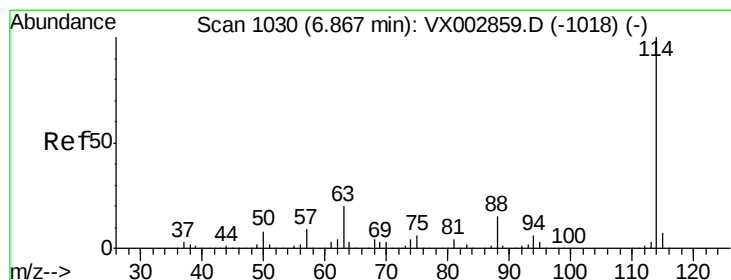
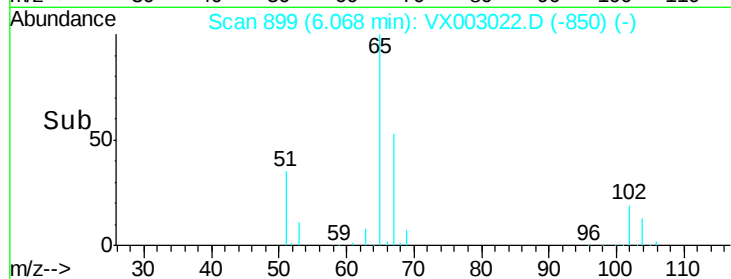
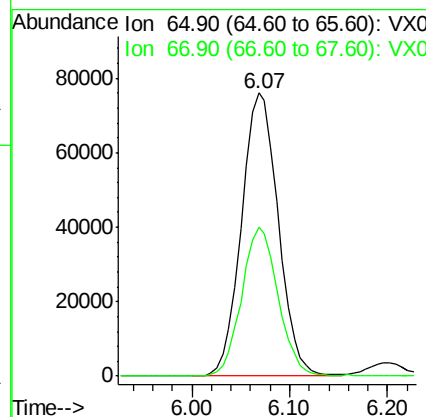
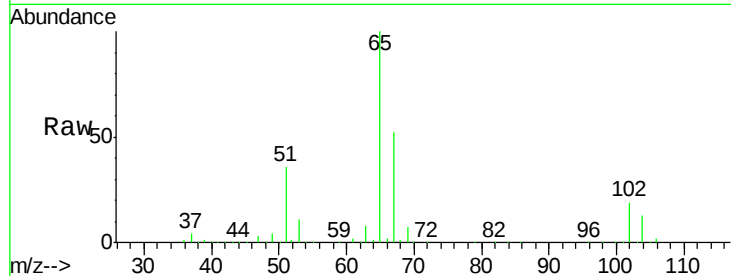
#33
 1,2-Dichloroethane-d4
 Concen: 48.13 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	198516		
67	52.0	0.0	102.6	

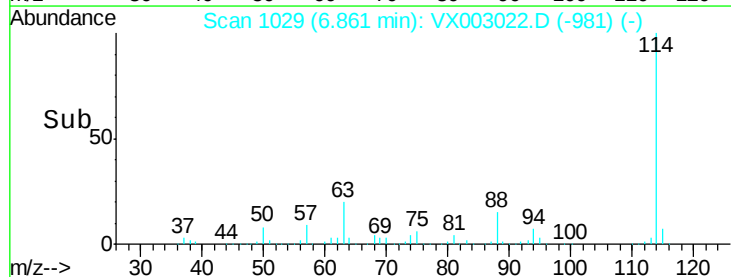
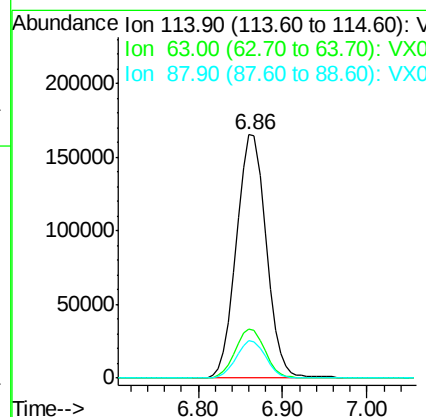
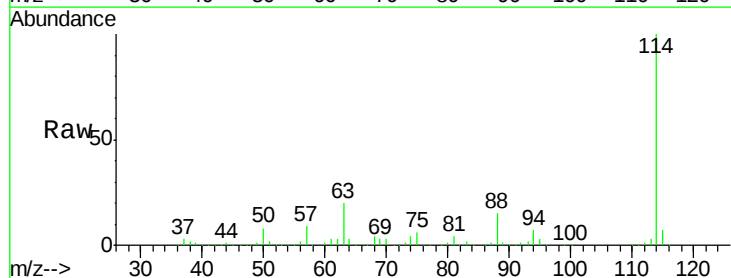
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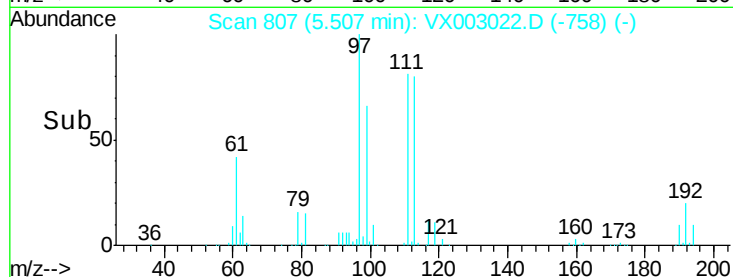
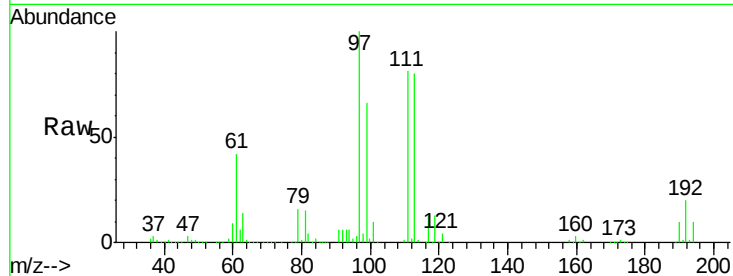
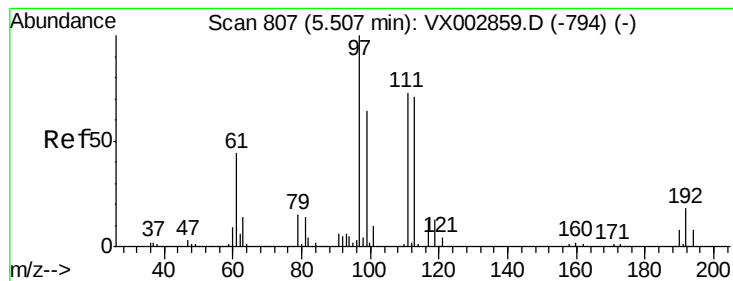
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	398004		
63	20.4	0.0	41.4	
88	15.4	0.0	30.0	





#35

Dibromofluoromethane

Concen: 52.31 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003022.D

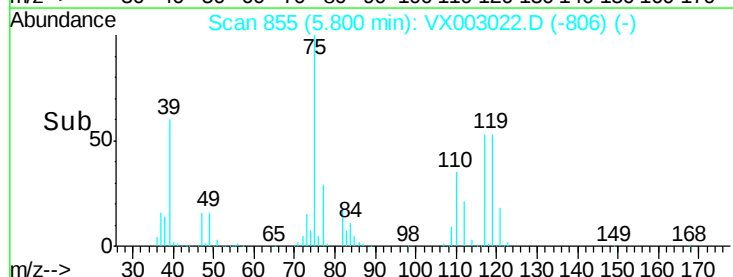
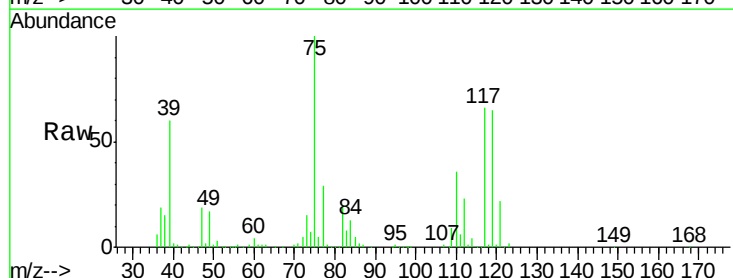
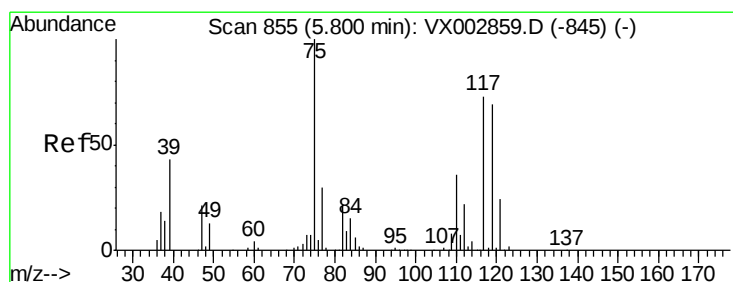
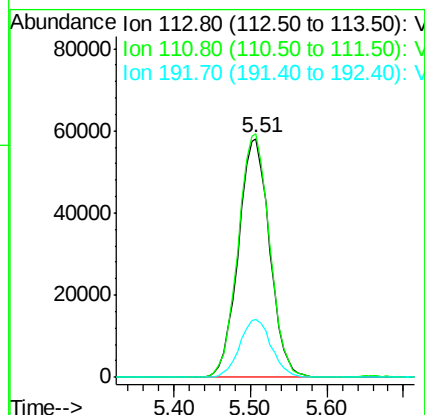
Acq: 29 Jun 2018 12:00

Tot Ion:	113	Resp:	164867
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.4	122.0
192	24.6	19.1	28.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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#36

1,1-Dichloropropene

Concen: 49.59 ug/l

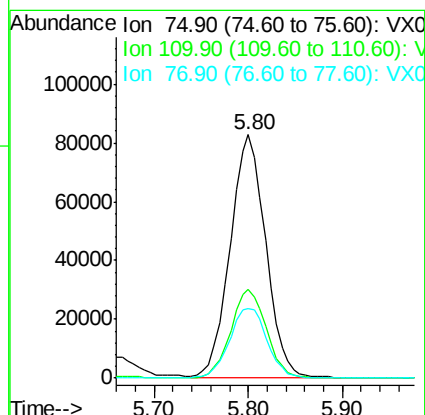
RT: 5.80 min Scan# 855

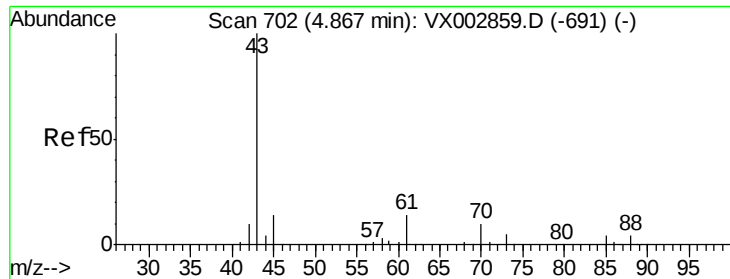
Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Tgt Ion:	75	Resp:	216448
Ion Ratio	Lower	Upper	
75	100		
110	36.9	18.1	54.4
77	30.8	24.3	36.5





#37

Ethyl Acetate

Concen: 48.70 ug/l

RT: 4.86 min Scan# 701

Delta R.T. -0.01 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

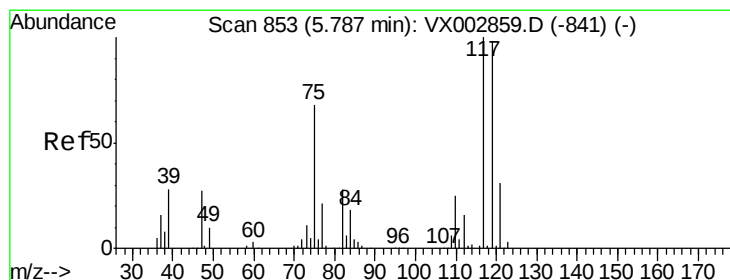
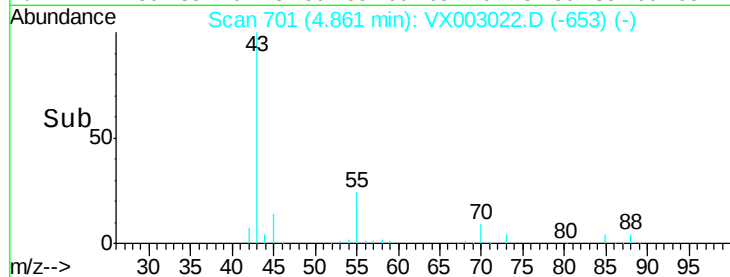
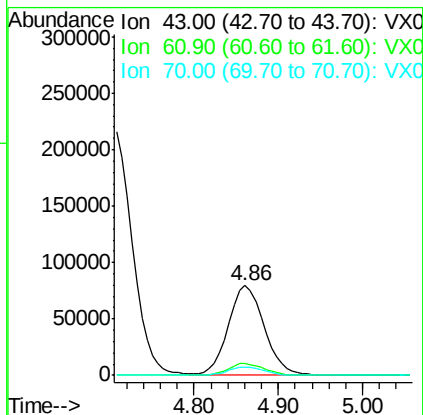
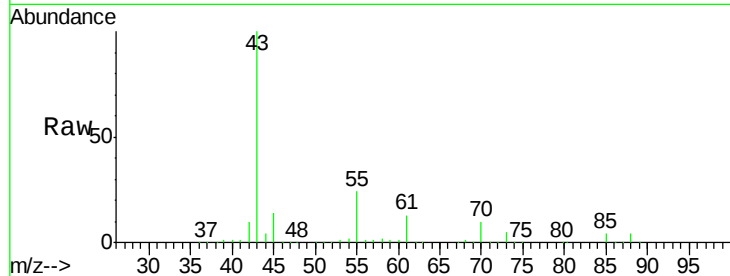
ClientSampled :

VSTDCCC050

Tot Ion:	43	Resp:	228864
Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.4	15.6
70	9.9	7.6	11.4

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#38

Carbon Tetrachloride

Concen: 49.02 ug/l

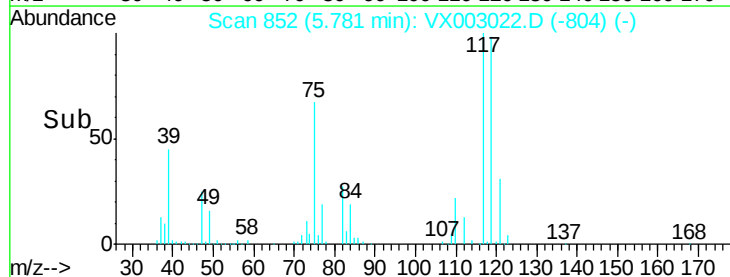
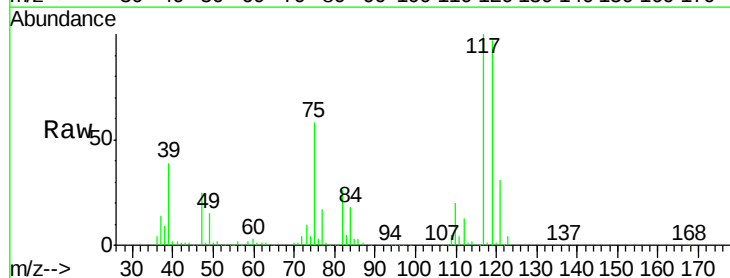
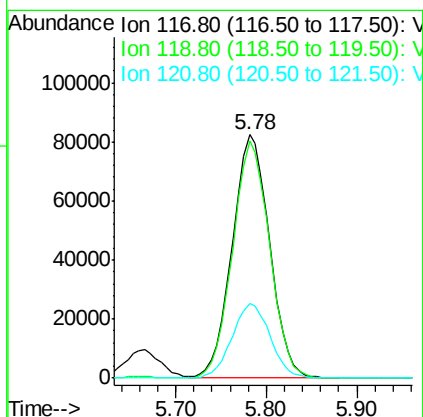
RT: 5.78 min Scan# 852

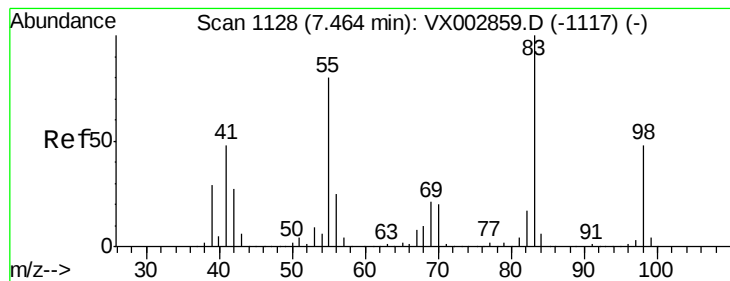
Delta R.T. -0.01 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Tgt Ion:	117	Resp:	234811
Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.4	116.0
121	30.6	24.4	36.6





#39

Methvlcvclohexane

Concen: 48.82 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

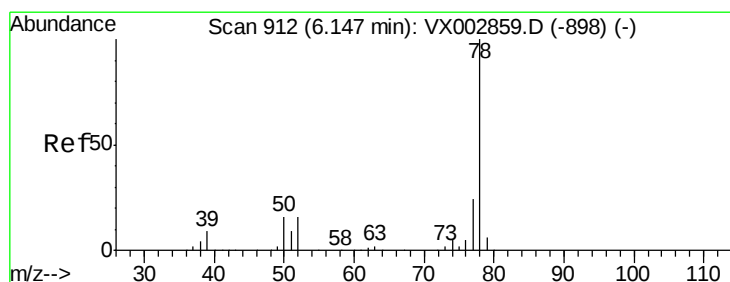
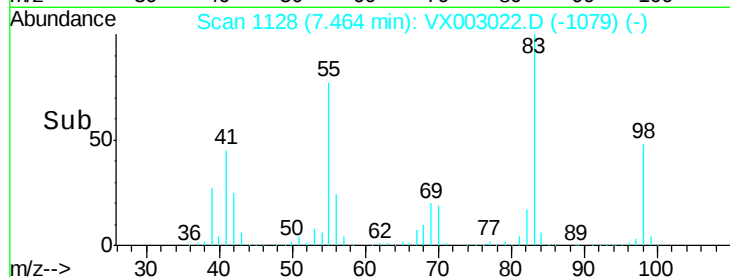
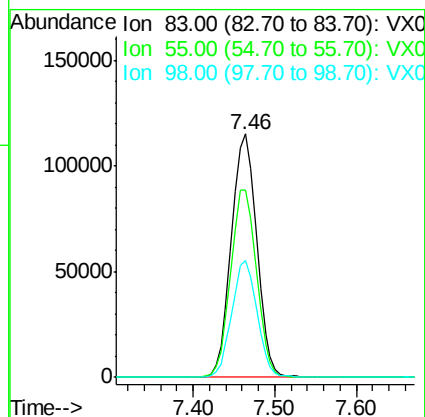
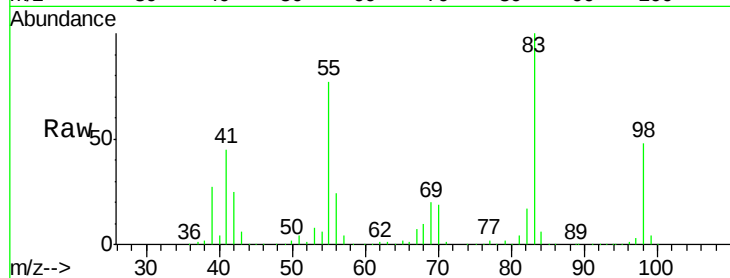
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	248215
Ion Ratio	Lower	Upper	
83	100		
55	77.0	65.4	98.0
98	48.0	37.4	56.0

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#40

Benzene

Concen: 49.20 ug/l

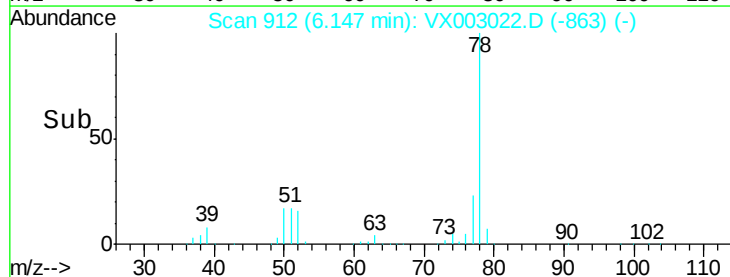
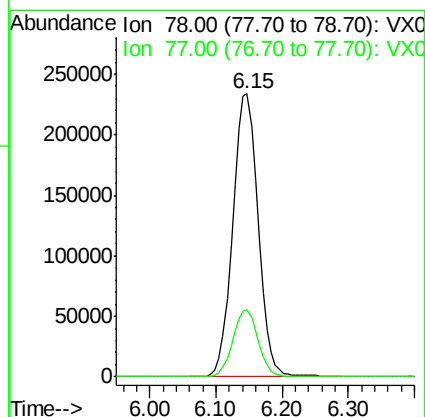
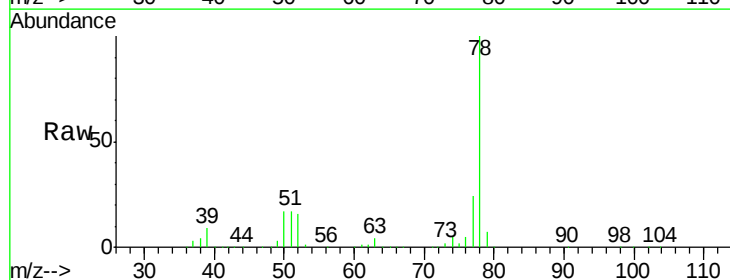
RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Tgt Ion:	78	Resp:	623892
Ion Ratio	Lower	Upper	
78	100		
77	23.9	19.1	28.7





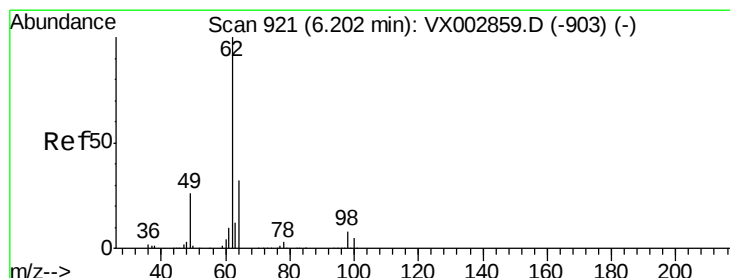
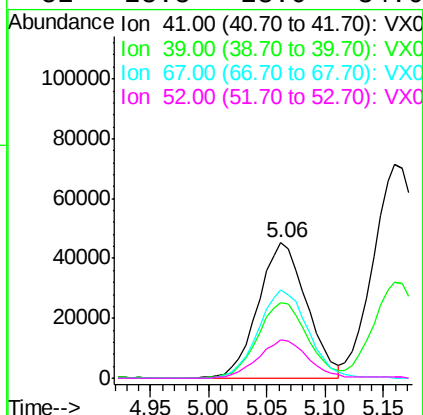
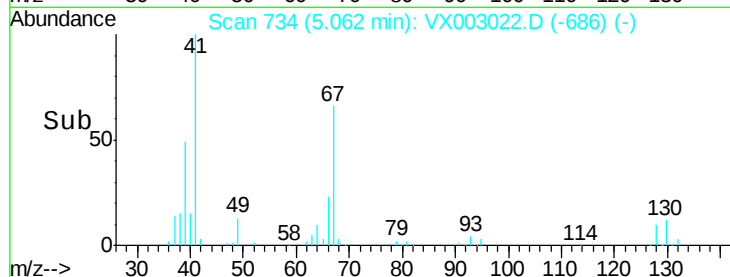
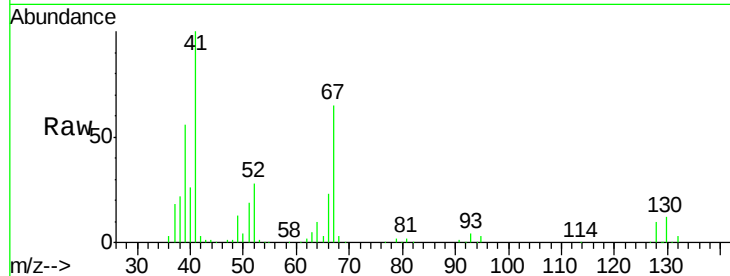
#41
Methacrylonitrile
Concen: 48.02 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		129952		
39	57.7	45.8	68.6		
67	67.1	51.3	76.9		
52	28.8	23.0	34.6		

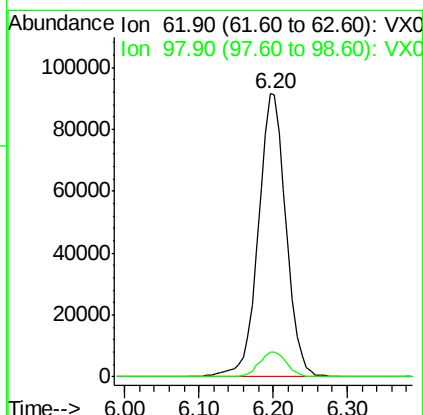
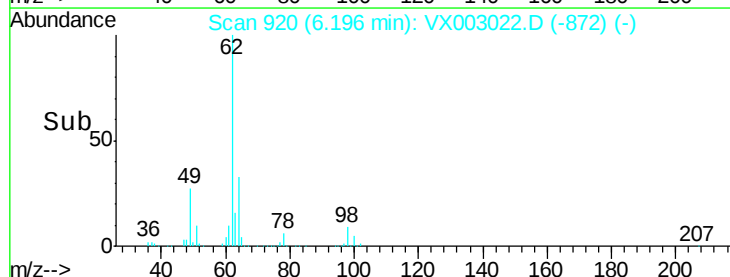
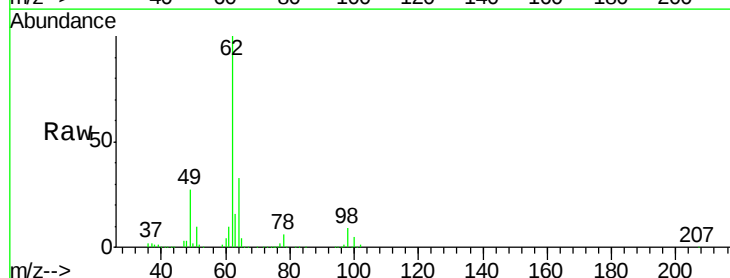
Manual Integrations
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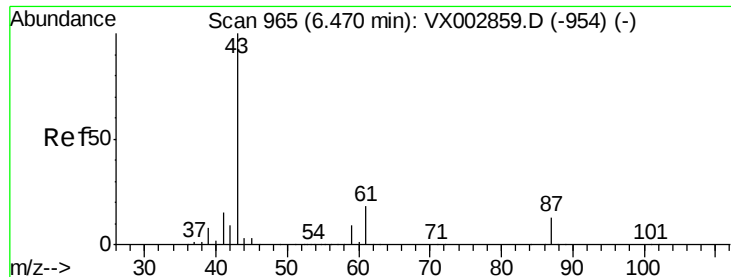
apatel
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#42
1,2-Dichloroethane
Concen: 46.24 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		236885		
98	8.8	0.0	16.6		





#43

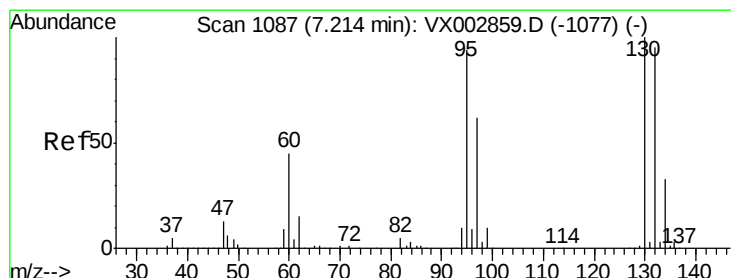
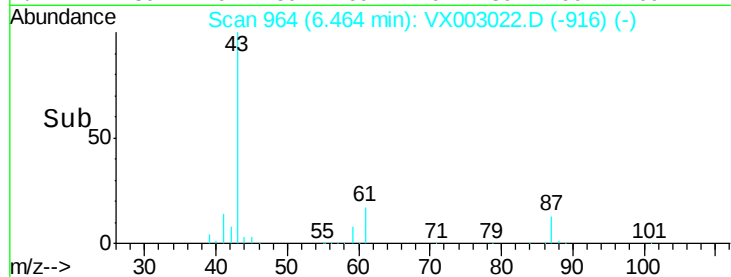
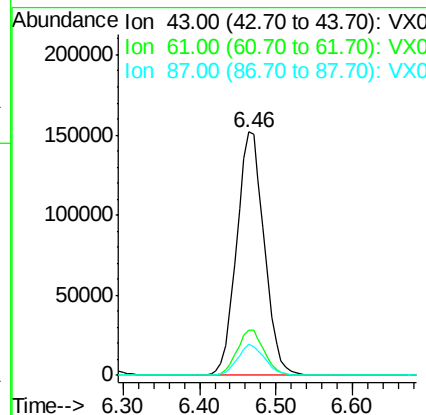
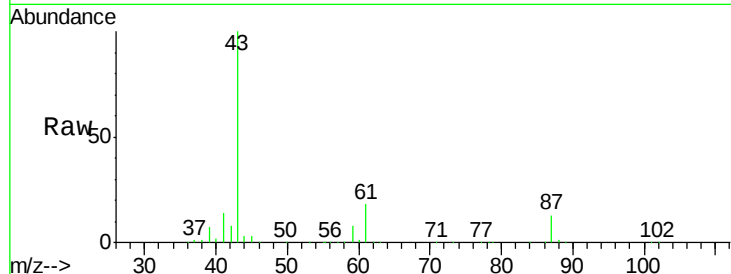
Isopropyl Acetate
 Concen: 47.84 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.4	14.4	21.6
87	12.3	9.5	14.3

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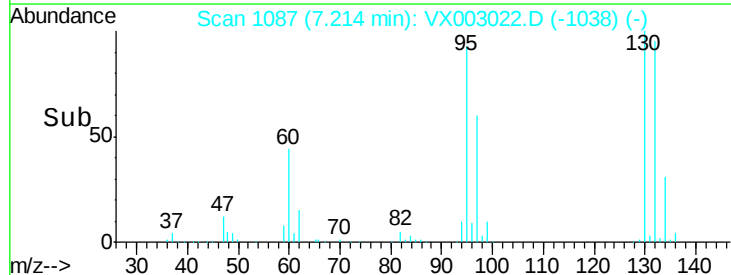
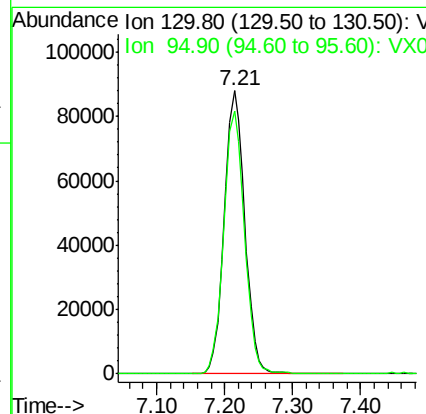
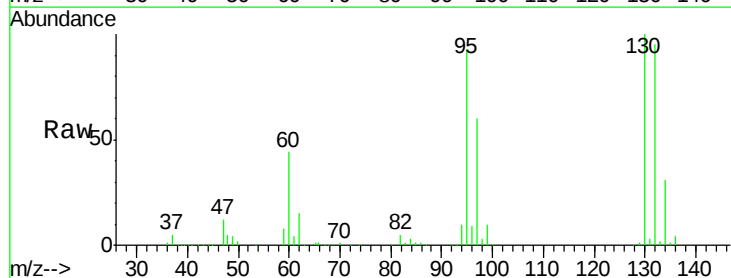
apatel
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#44

Trichloroethene
 Concen: 49.16 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	185.4





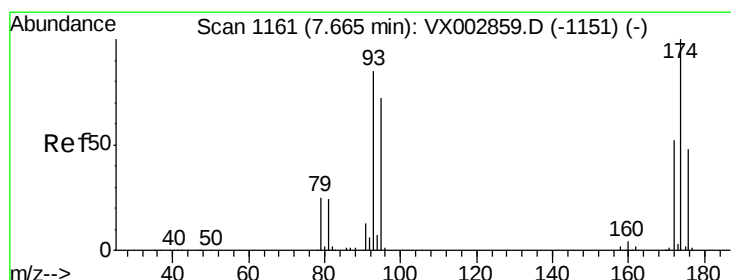
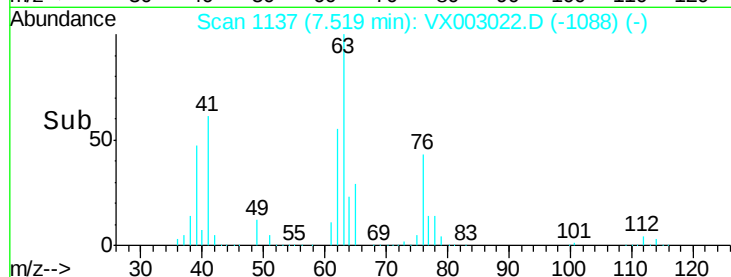
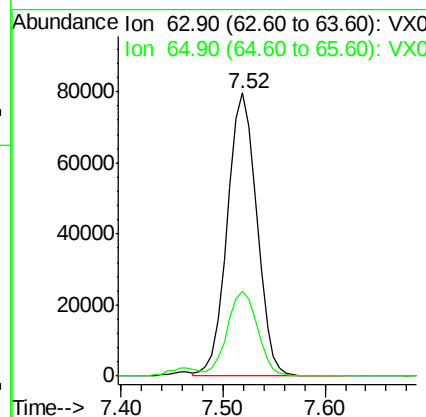
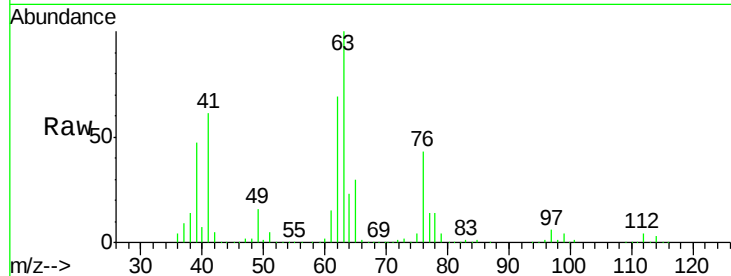
#45
 1,2-Dichloropropane
 Concen: 47.35 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 159272
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.7 37.1

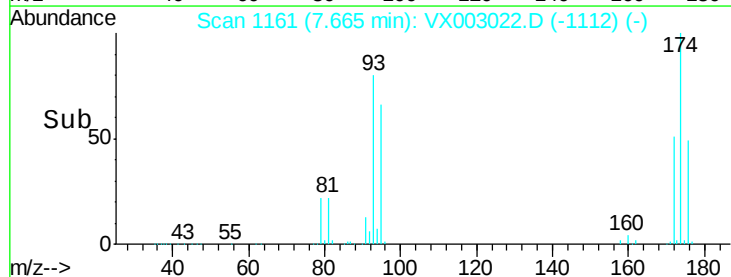
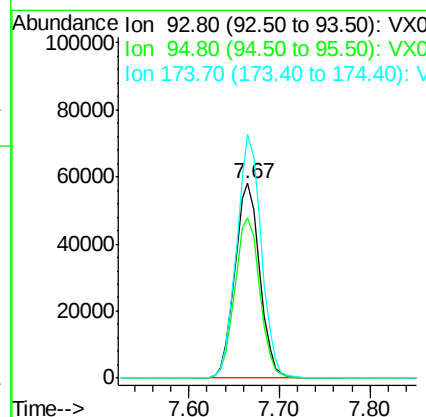
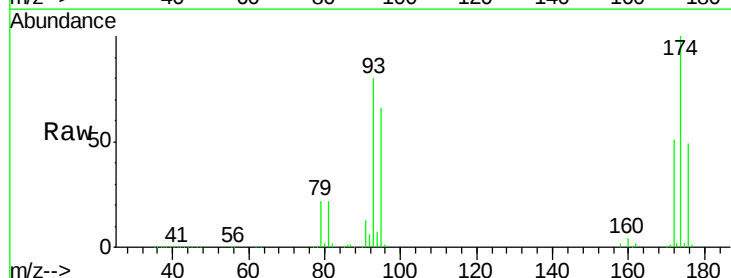
Manual Integrations
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#46
 Dibromomethane
 Concen: 47.62 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

Tgt Ion: 93 Resp: 111177
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.9 98.9
 174 123.1 92.4 138.6





#47

Bromodichloromethane

Concen: 50.21 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

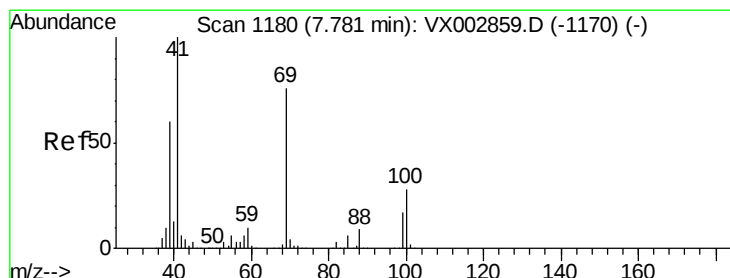
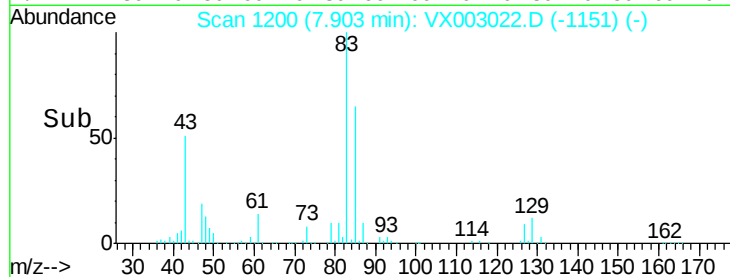
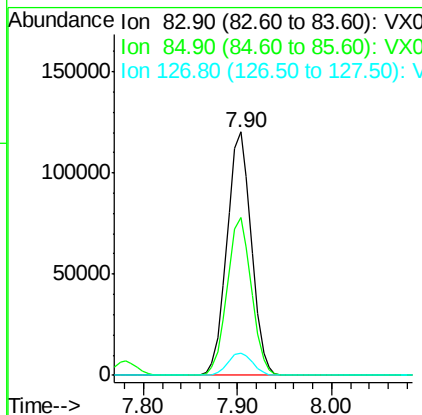
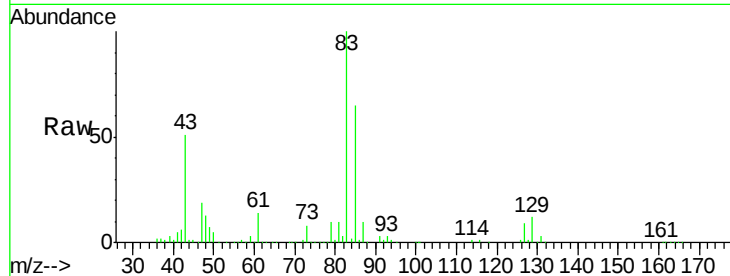
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	21698
Ion Ratio	Lower	Upper	
83	100		
85	65.0	50.3	75.5
127	9.0	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.06 ug/l

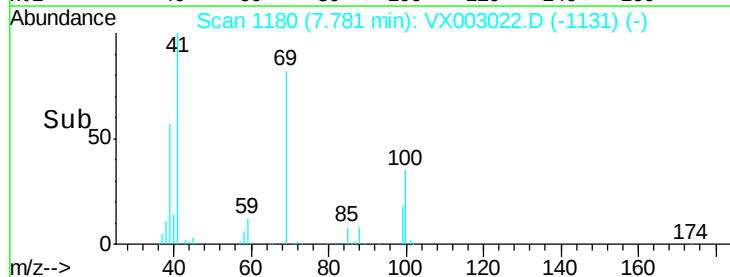
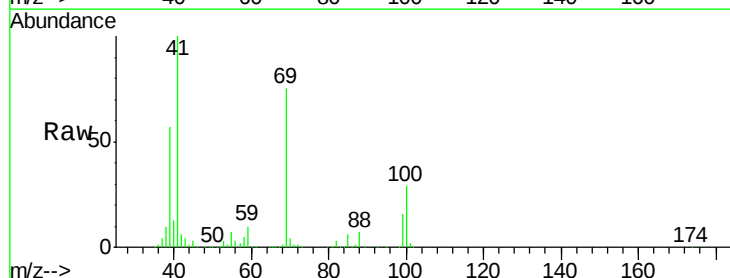
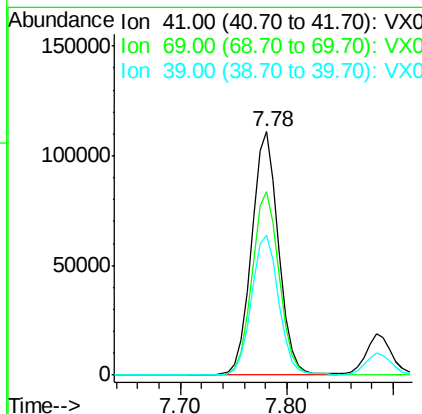
RT: 7.78 min Scan# 1180

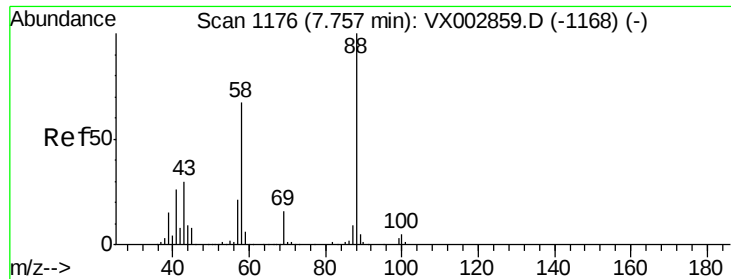
Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Tgt Ion:	41	Resp:	195182
Ion Ratio	Lower	Upper	
41	100		
69	76.9	59.1	88.7
39	58.3	48.9	73.3





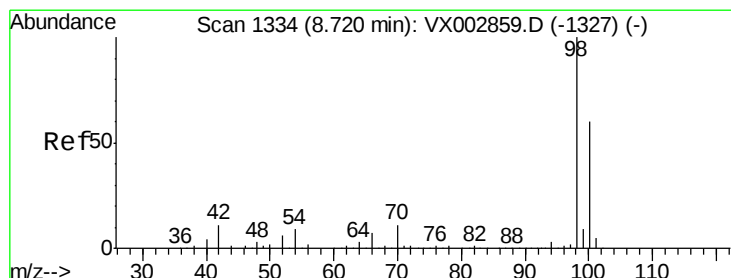
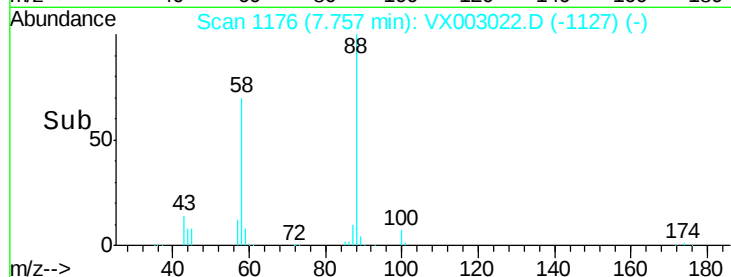
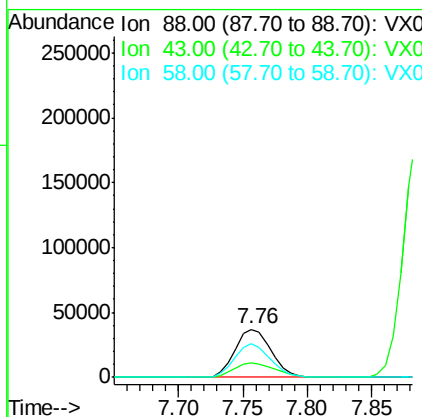
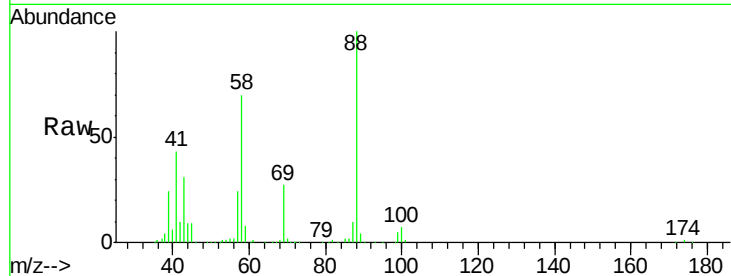
#49
1,4-Dioxane
Concen: 910.52 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.6	29.8	44.6
58	69.2	57.1	85.7

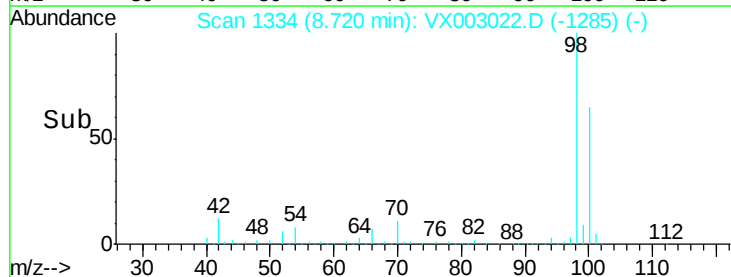
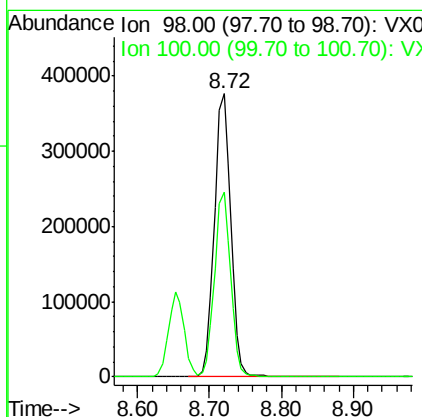
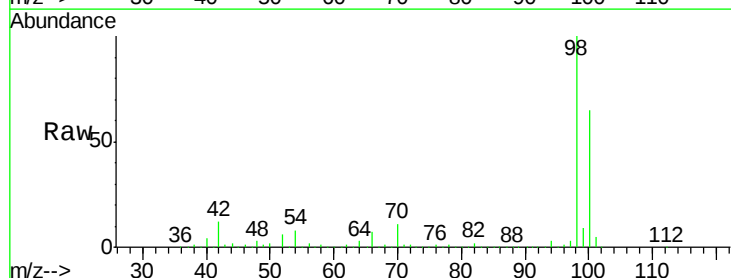
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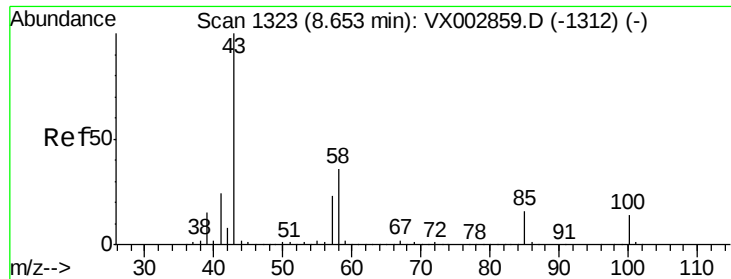
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#50
Toluene-d8
Concen: 51.57 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 241.21 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1189425

Ion Ratio Lower Upper

43 100

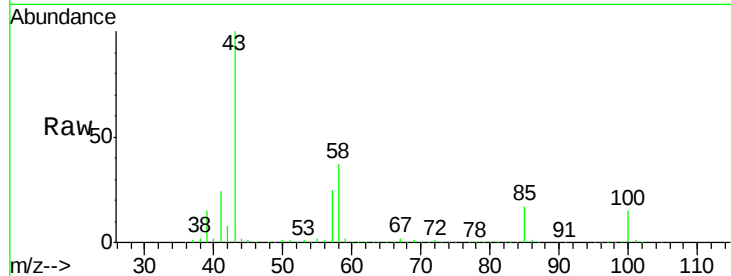
58 37.1 28.6 42.8

Manual Integrations

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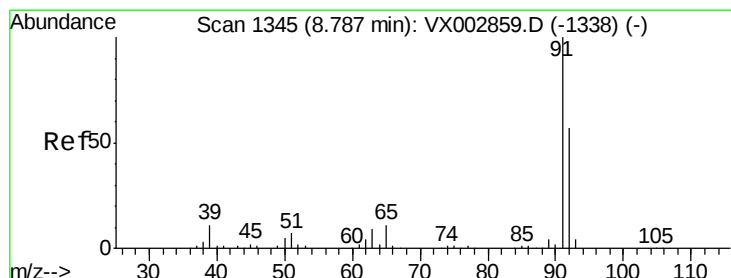
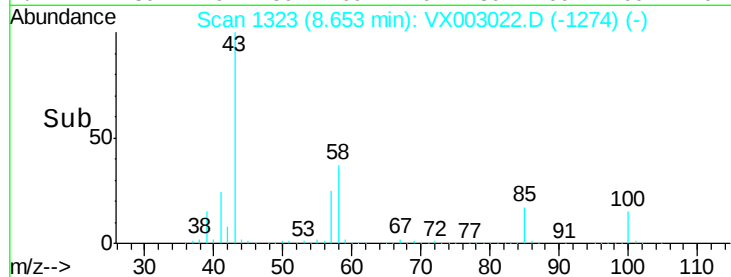
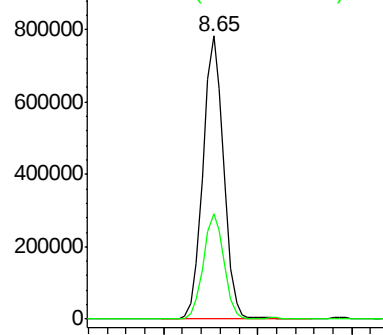
apatel

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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: 49.74 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003022.D

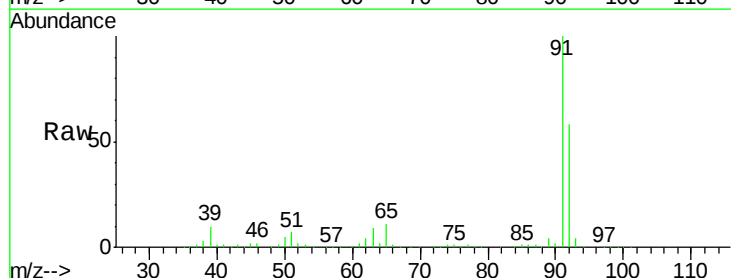
Acq: 29 Jun 2018 12:00

Tgt Ion: 92 Resp: 404066

Ion Ratio Lower Upper

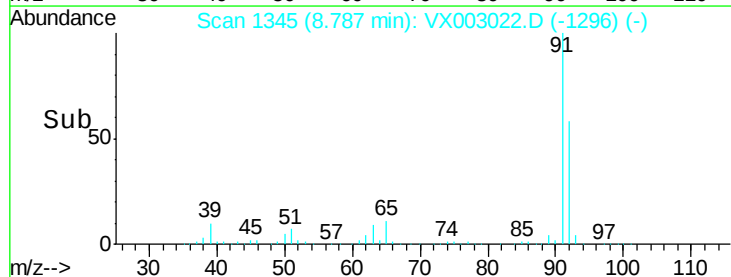
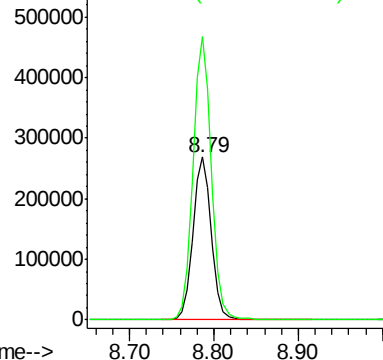
92 100

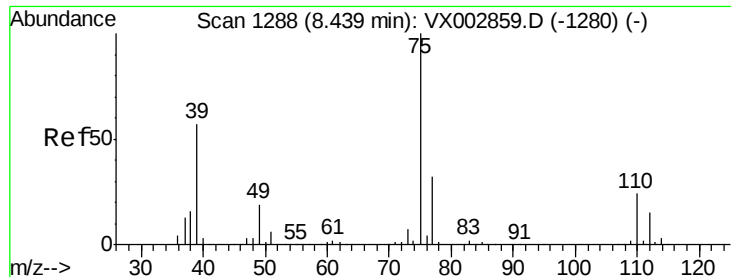
91 174.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





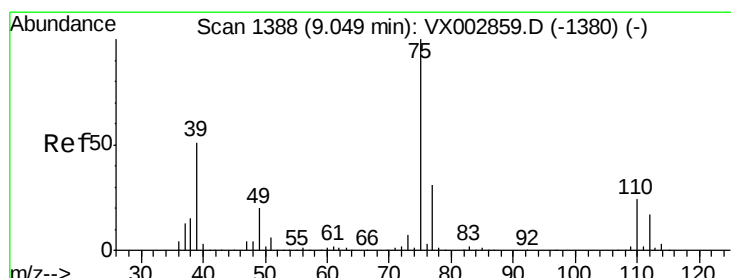
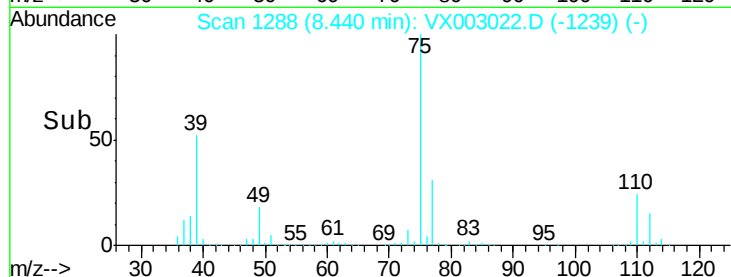
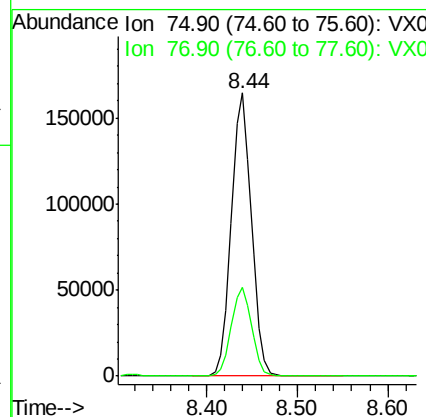
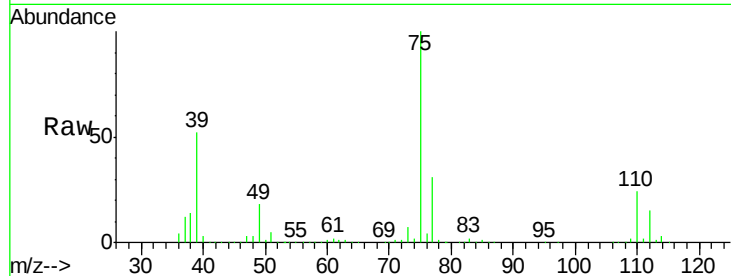
#53
t-1,3-Dichloropropene
Concen: 51.92 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
75	100	253777		
77	31.3	25.4	38.2	

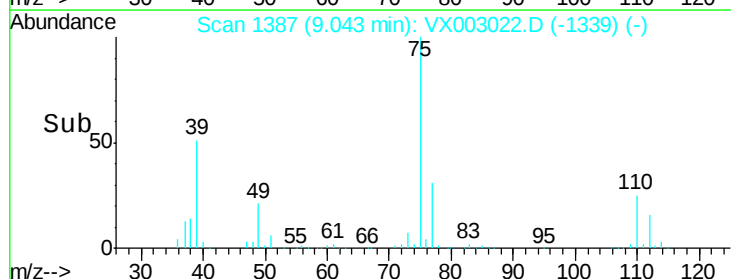
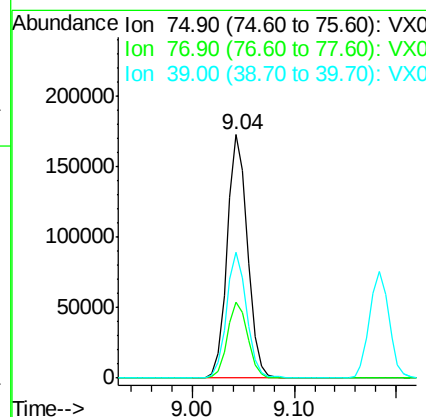
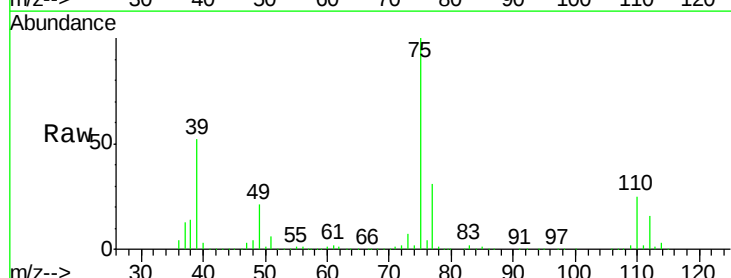
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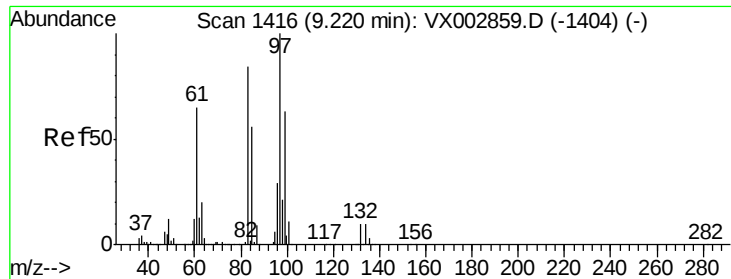
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#54
cis-1,3-Dichloropropene
Concen: 50.83 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	239050		
77	31.2	24.8	37.2	
39	51.5	42.4	63.6	





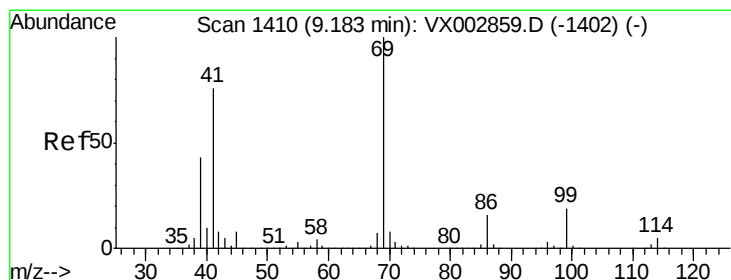
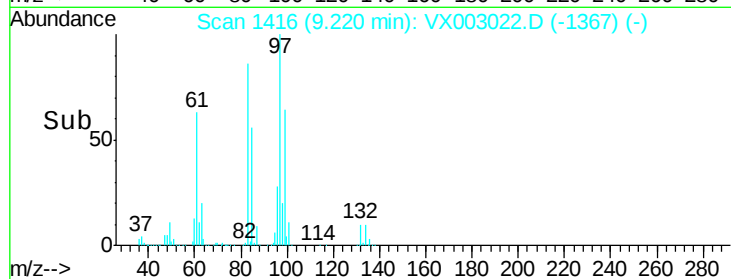
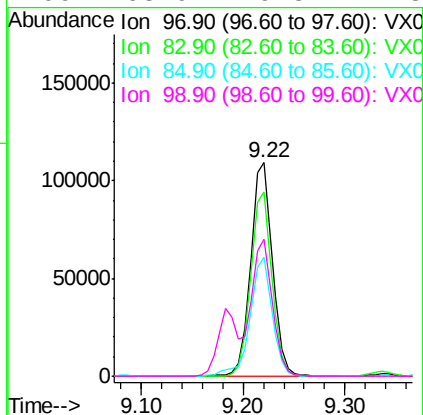
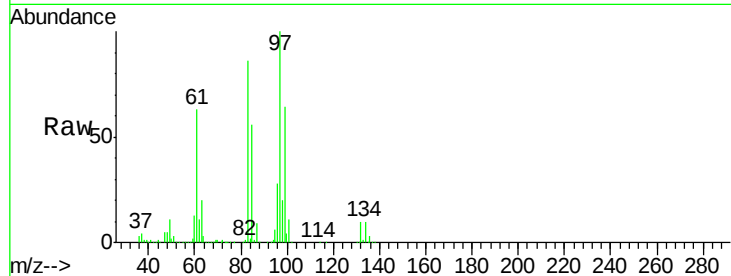
#55
 1,1,2-Trichloroethane
 Concen: 49.07 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	163803
Ion	Ratio	Lower	Upper
97	100		
83	86.1	70.2	105.2
85	56.0	44.9	67.3
99	63.9	49.8	74.8

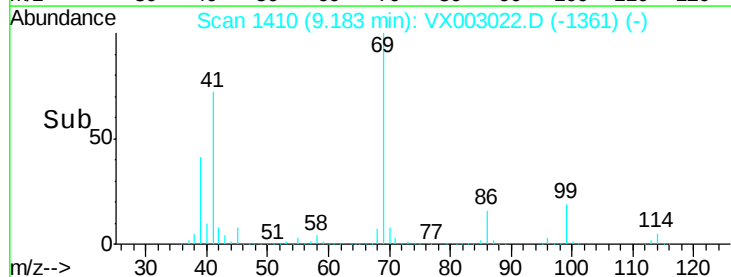
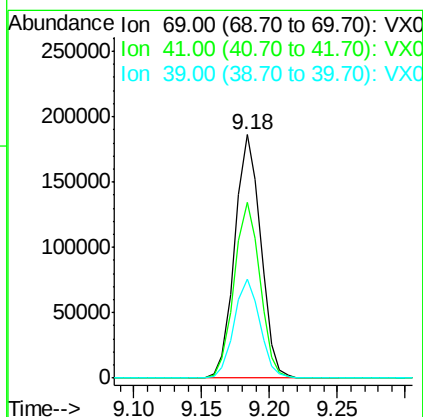
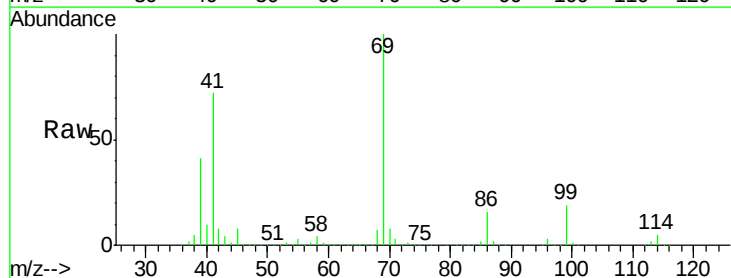
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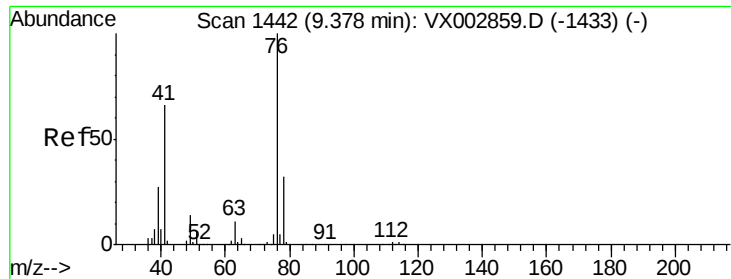
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#56
 Ethyl methacrylate
 Concen: 50.89 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

Tgt Ion:	69	Resp:	248272
Ion	Ratio	Lower	Upper
69	100		
41	72.1	60.3	90.5
39	40.5	35.8	53.8





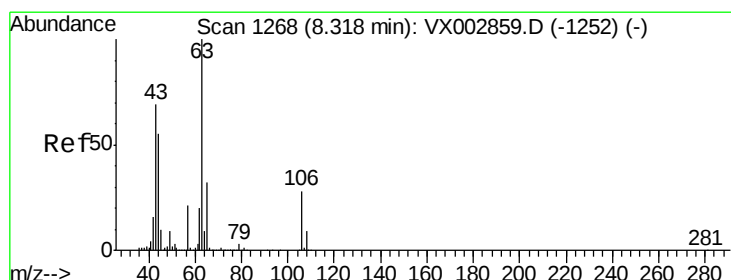
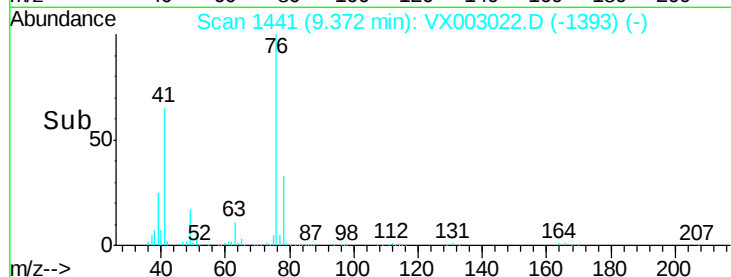
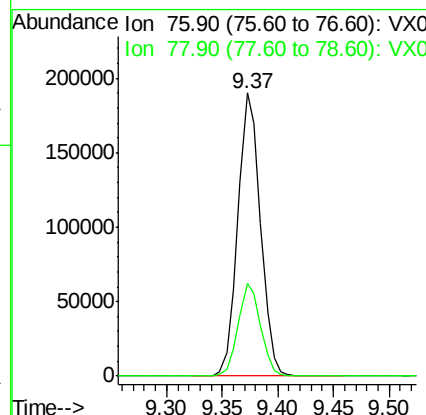
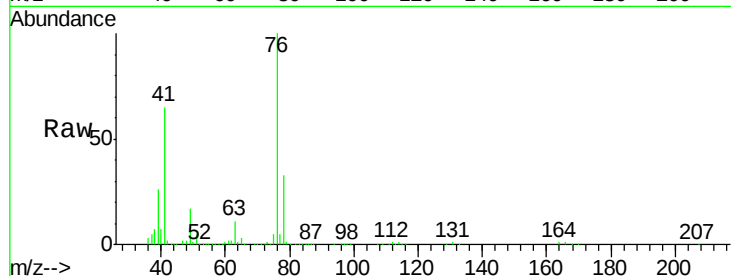
#57
 1,3-Dichloropropane
 Concen: 48.80 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.8	38.6

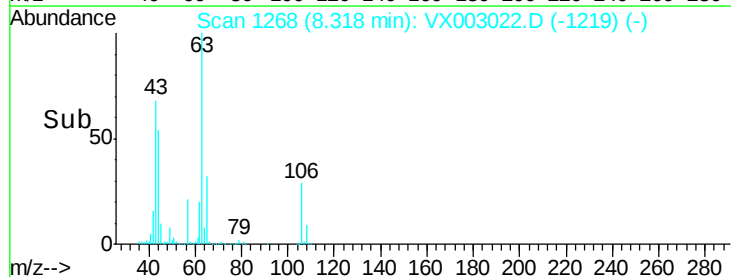
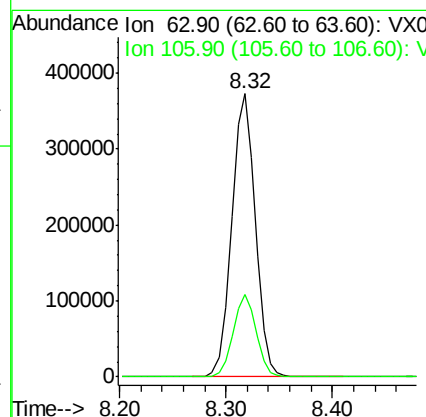
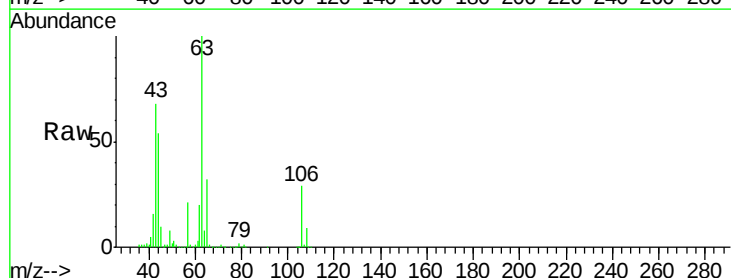
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#58
 2-Chloroethyl Vinyl ether
 Concen: 245.40 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.4	21.8	32.8





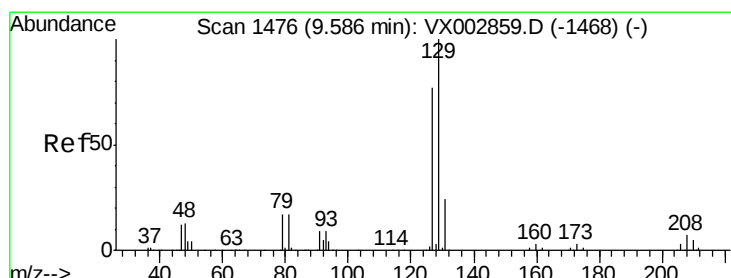
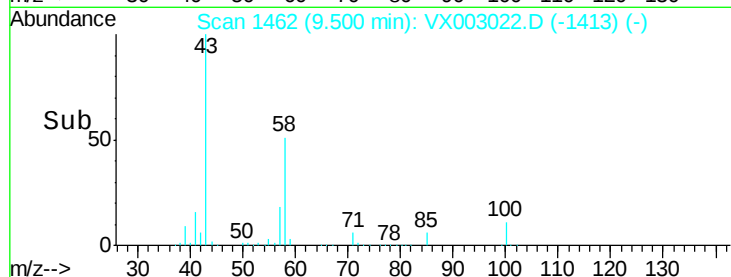
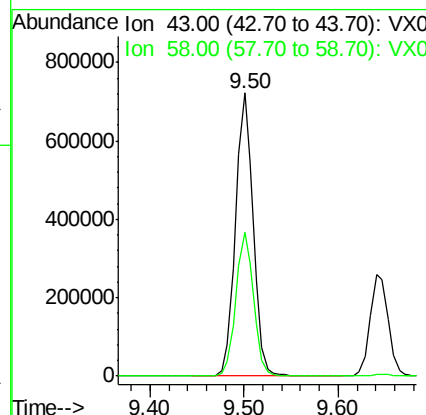
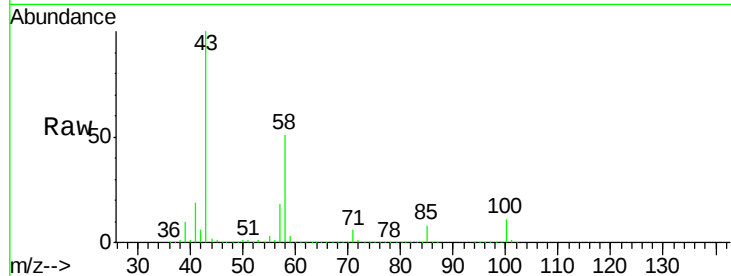
#59
2-Hexanone
Concen: 250.24 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 937838
Ion Ratio Lower Upper
43 100
58 50.8 24.6 73.6

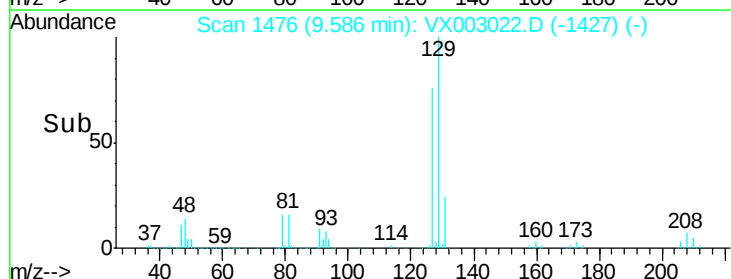
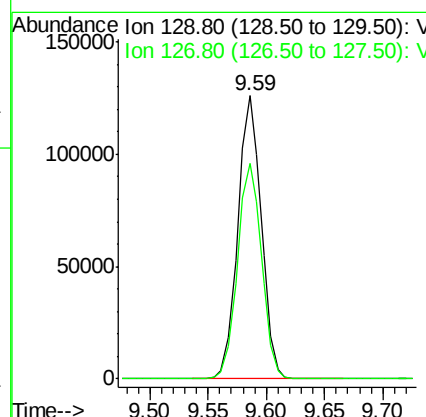
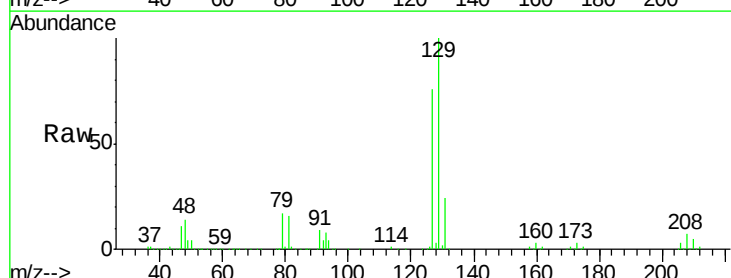
Manual Integrations
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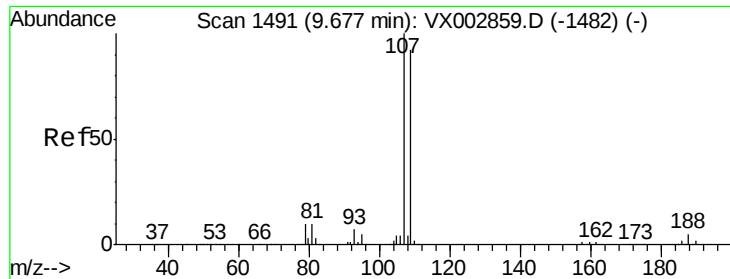
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#60
Dibromochloromethane
Concen: 50.46 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Tgt Ion: 129 Resp: 177337
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.3





#61

1,2-Dibromoethane

Concen: 50.05 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:107 Resp: 175262

Ion Ratio Lower Upper

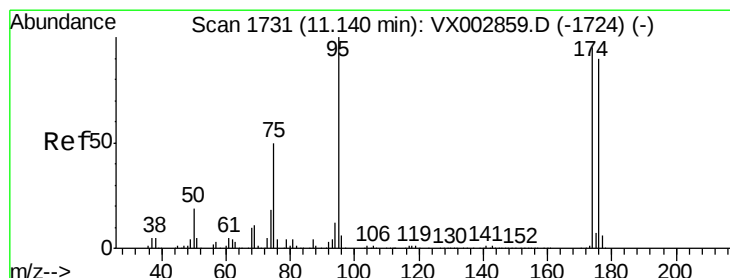
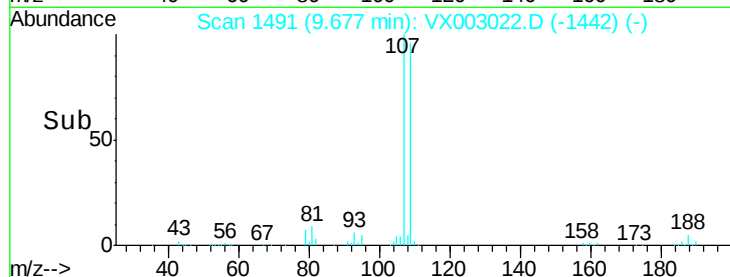
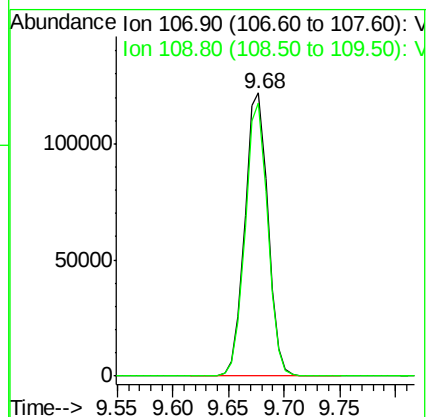
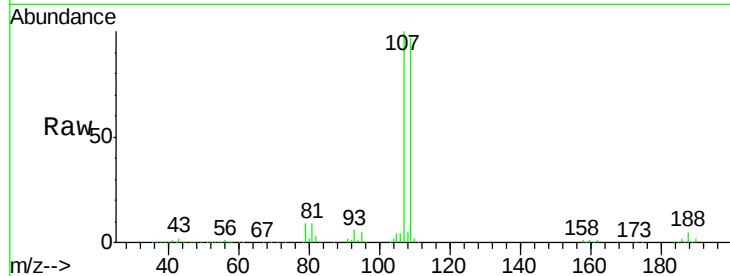
107 100

109 94.7 75.3 112.9

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#62

4-Bromofluorobenzene

Concen: 52.42 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

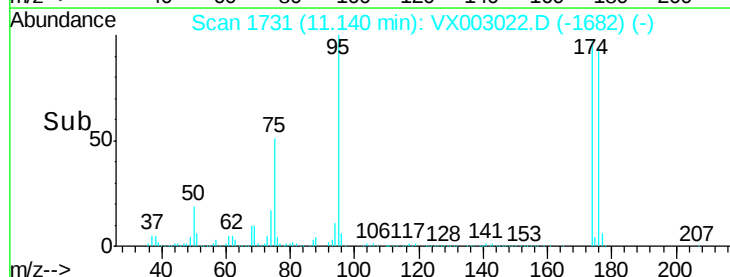
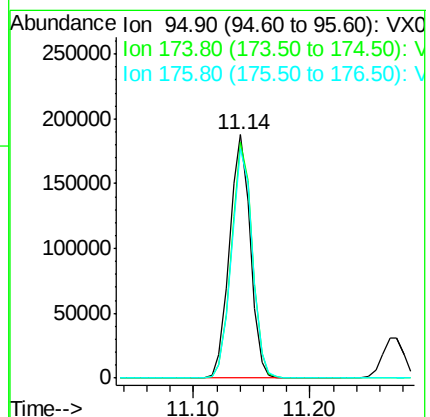
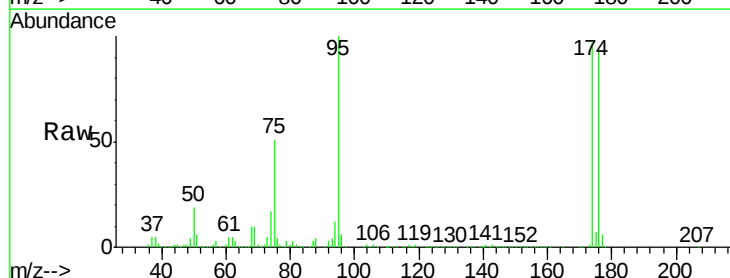
Tgt Ion: 95 Resp: 232665

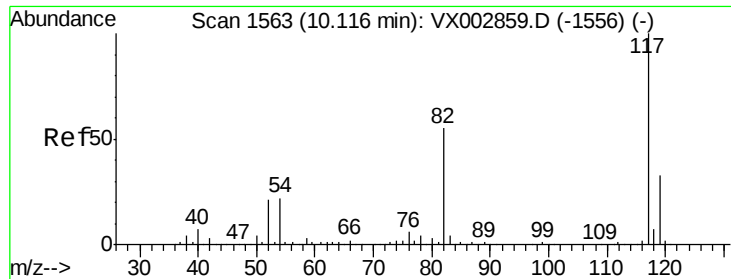
Ion Ratio Lower Upper

95 100

174 97.1 0.0 187.4

176 95.3 0.0 181.0





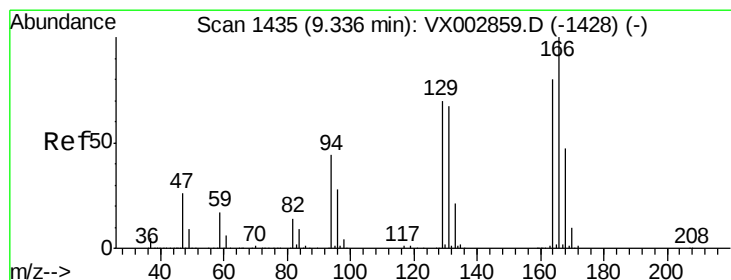
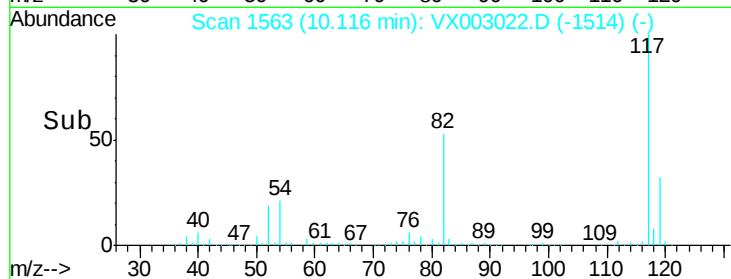
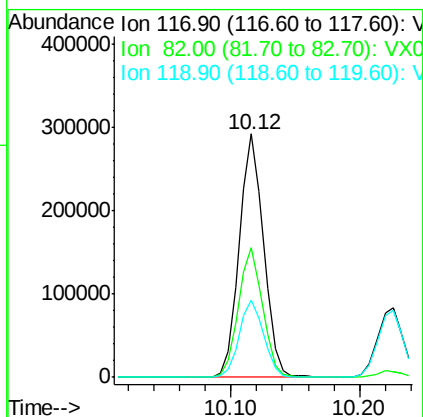
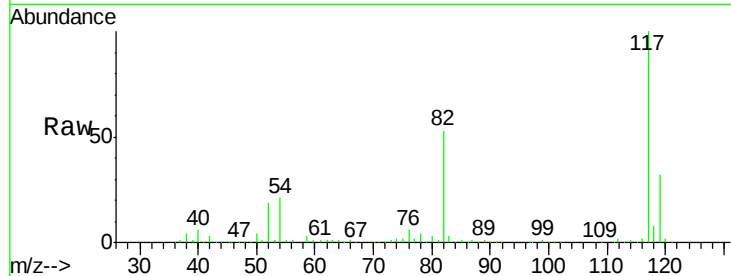
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	45.0	67.4
119	31.9	25.8	38.6

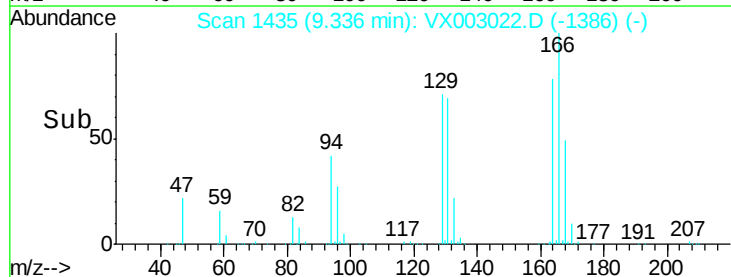
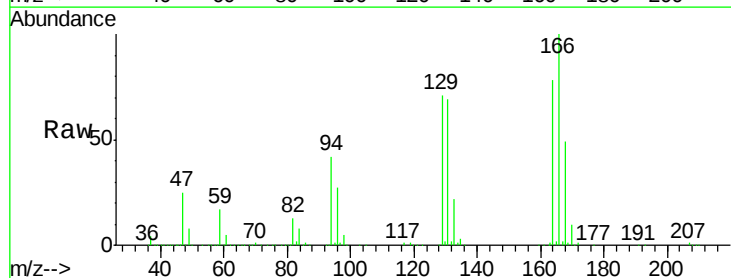
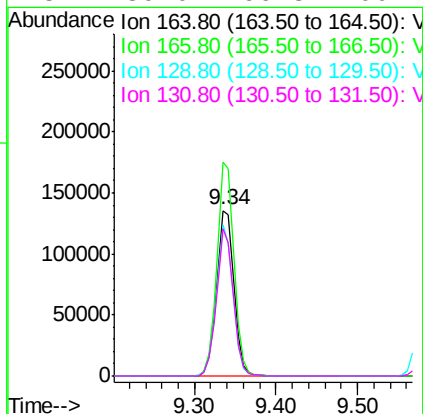
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#64
Tetrachloroethene
Concen: 48.36 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.9	102.9	154.3
129	91.2	68.6	102.8
131	89.0	66.8	100.2





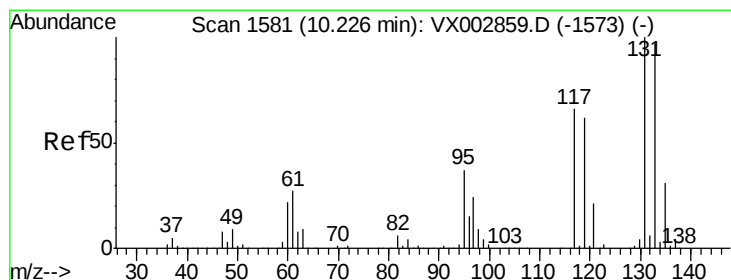
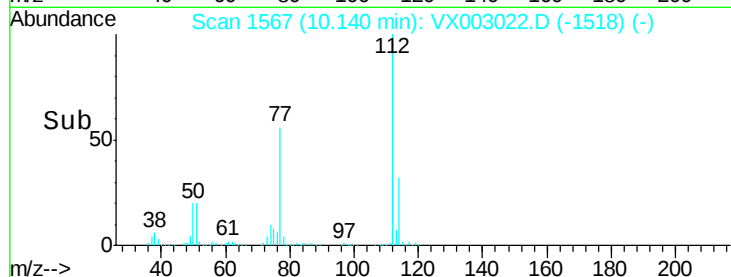
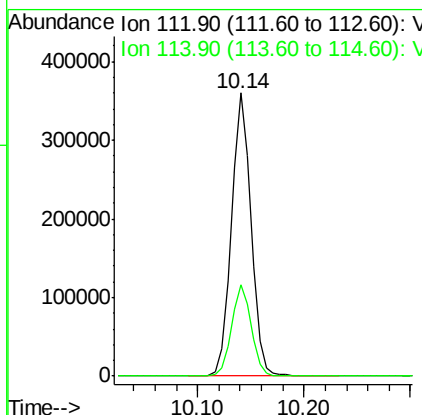
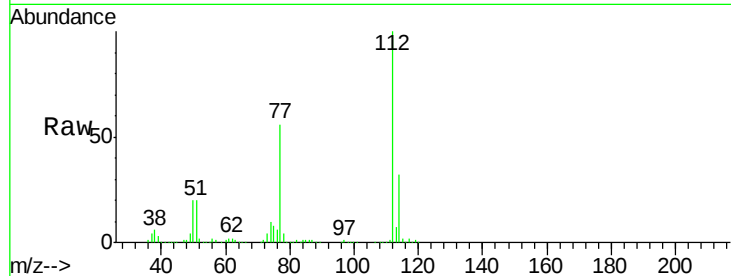
#65
Chlorobenzene
Concen: 48.07 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.3	37.9

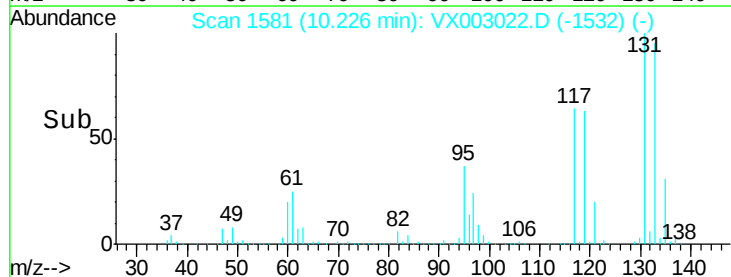
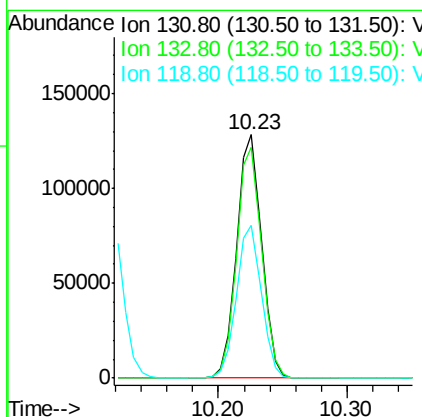
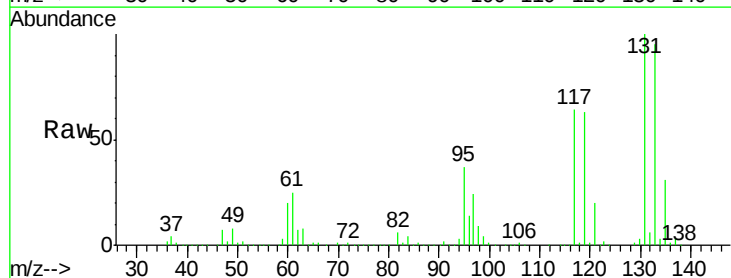
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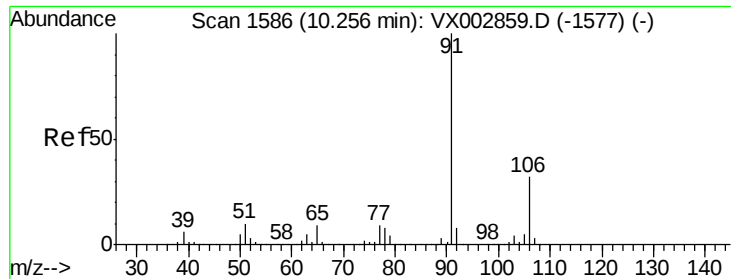
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.03 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.9	143.6
119	63.0	31.8	95.3





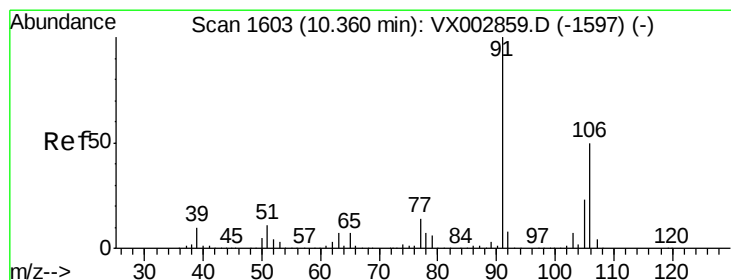
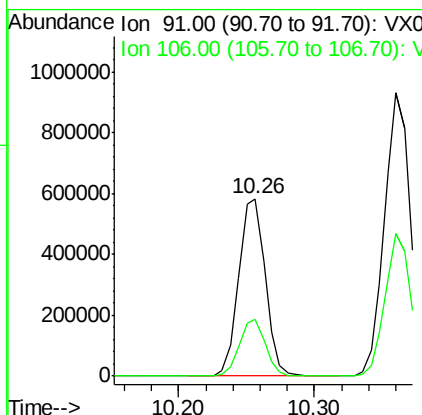
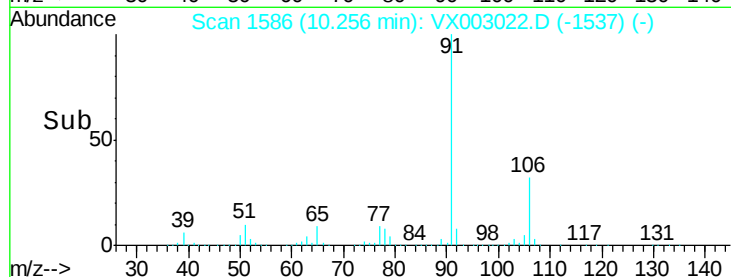
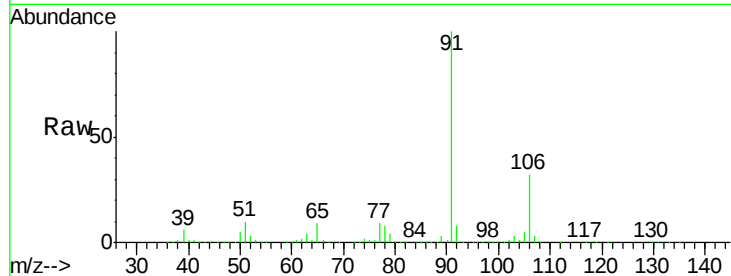
#67
Ethyl Benzene
Concen: 49.60 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 794615
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3

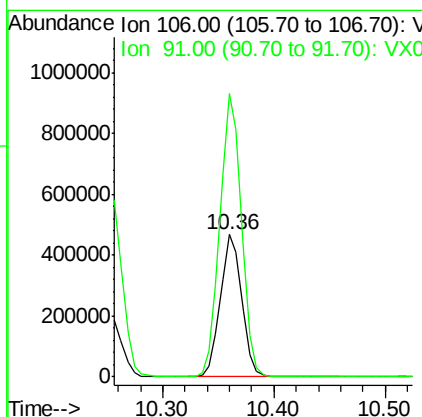
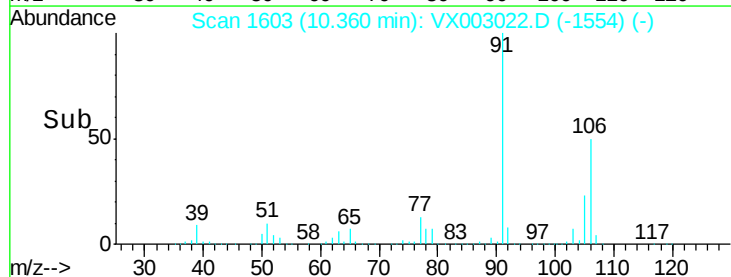
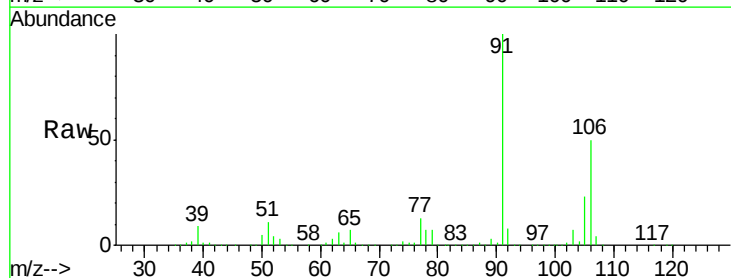
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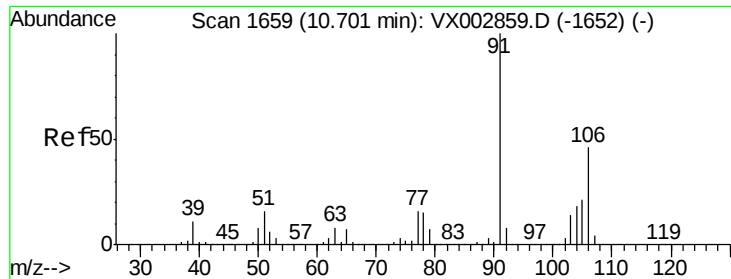
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#68
m/p-Xylenes
Concen: 100.64 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Tgt Ion: 106 Resp: 621352
Ion Ratio Lower Upper
106 100
91 201.5 163.4 245.2





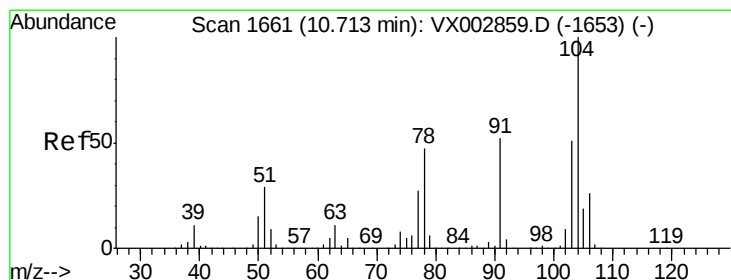
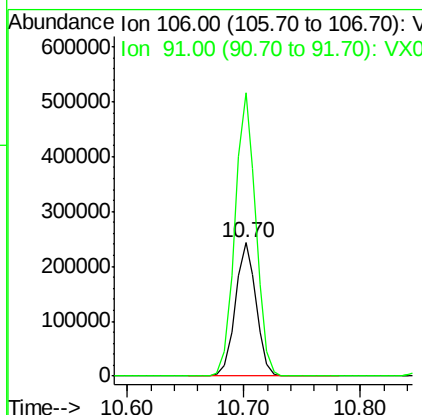
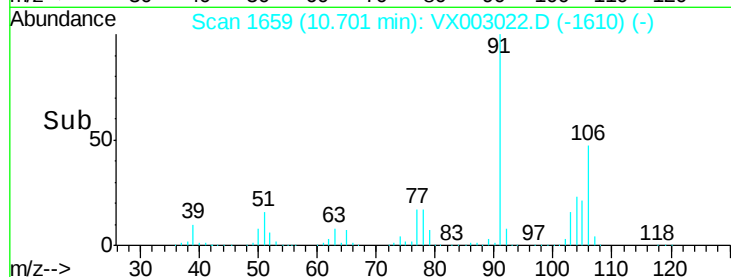
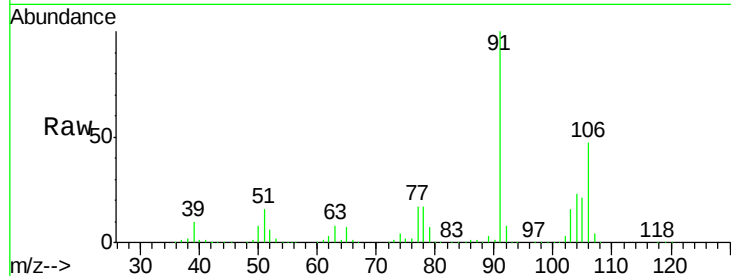
#69
o-Xylene
Concen: 50.02 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 300717
Ion Ratio Lower Upper
106 100
91 213.2 108.2 324.6

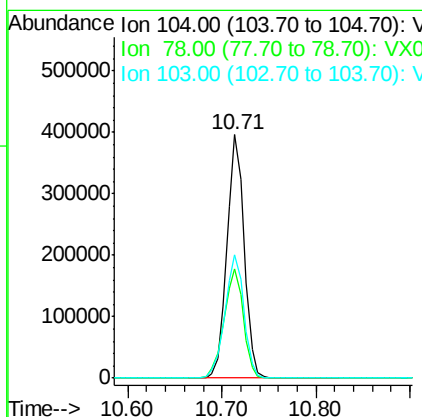
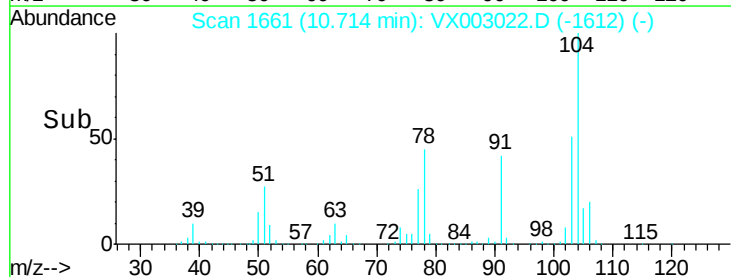
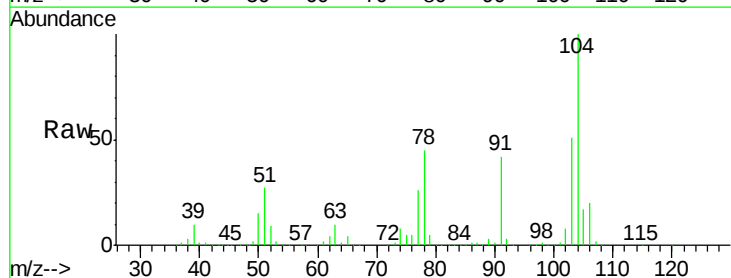
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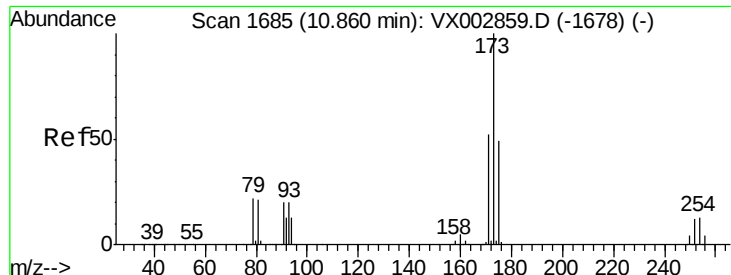
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#70
Styrene
Concen: 51.57 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Tgt Ion:104 Resp: 503736
Ion Ratio Lower Upper
104 100
78 50.3 41.0 61.6
103 55.8 44.2 66.4





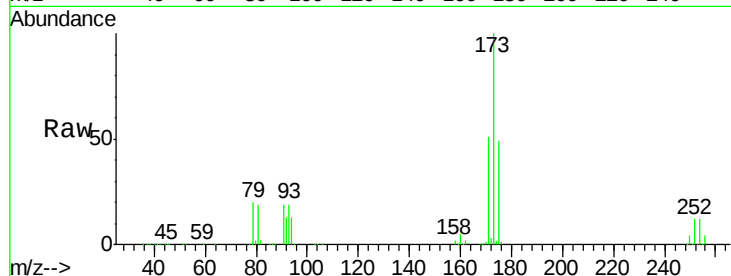
#71
Bromoform
Concen: 44.35 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

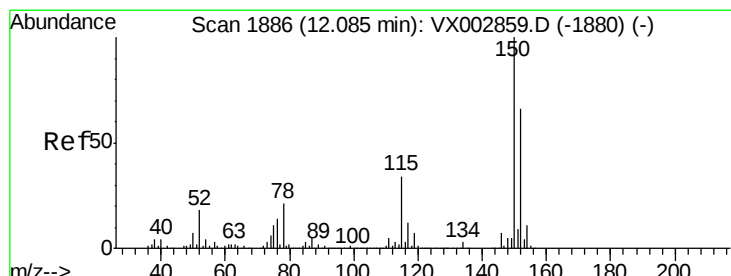
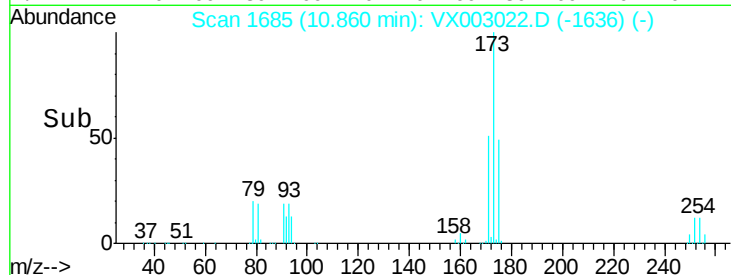
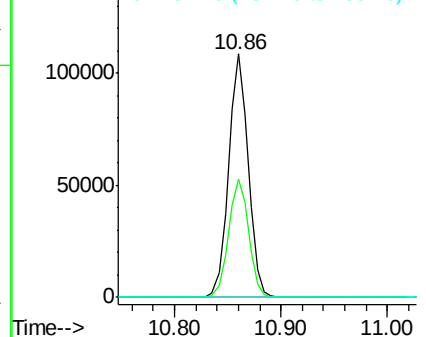
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.7	74.1
254	0.2	0.2	0.2

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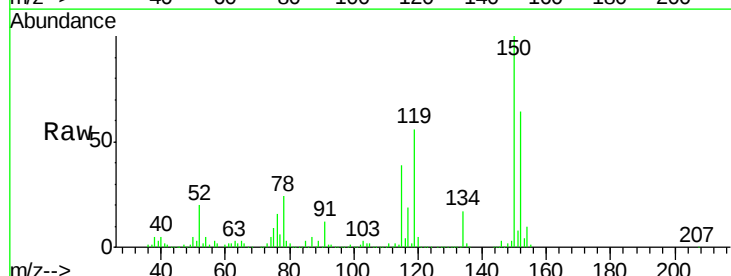


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

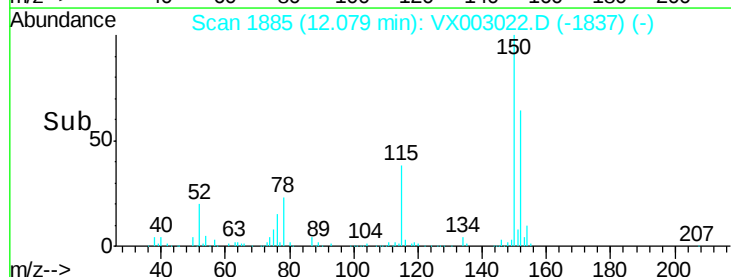
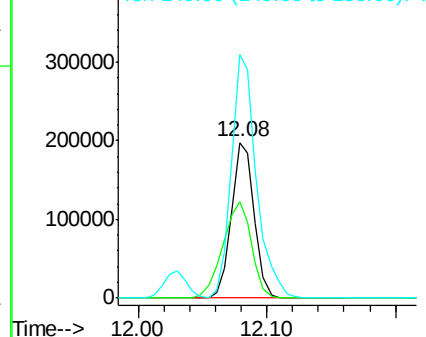


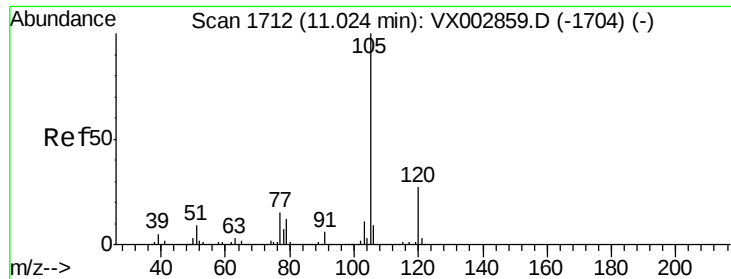
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.8	40.1	120.2
150	172.8	0.0	347.2



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





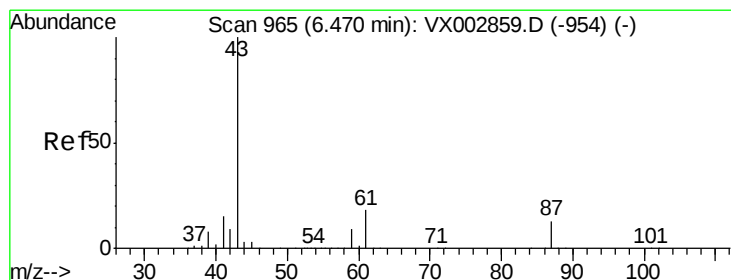
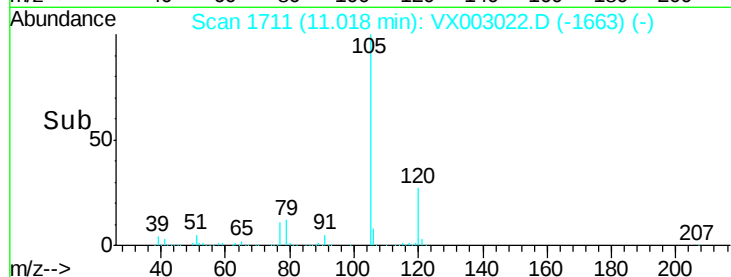
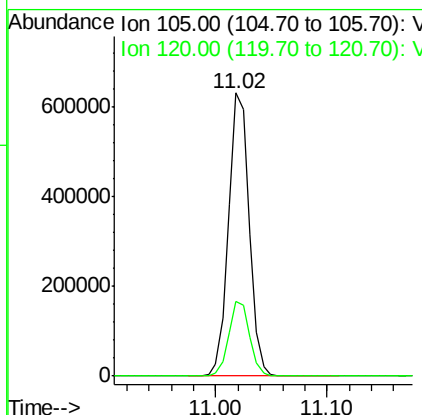
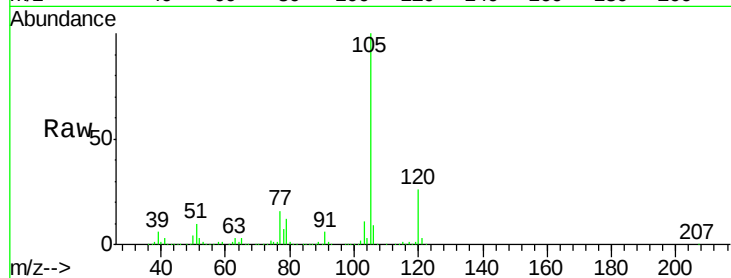
#73
Isopropylbenzene
Concen: 49.18 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. -0.01 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.5	40.4

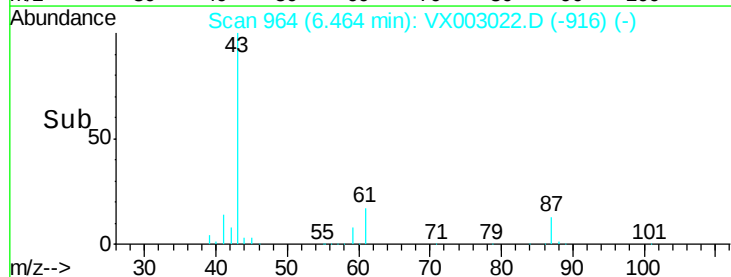
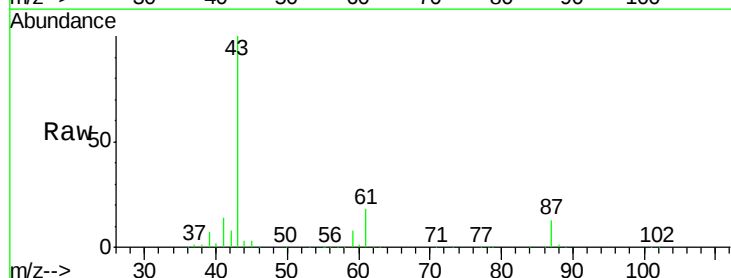
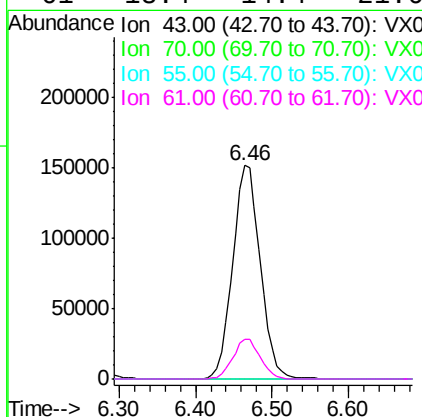
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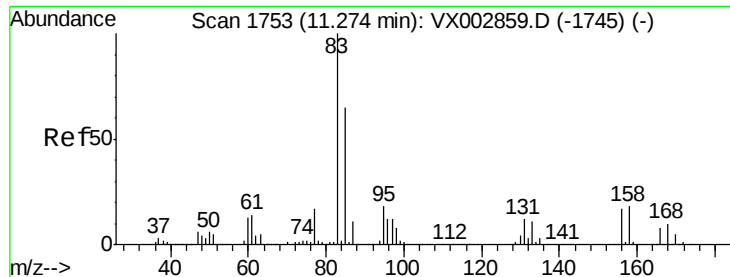
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#74
N-ethyl acetate
Concen: 46.77 ug/l
RT: 6.46 min Scan# 964
Delta R.T. -0.01 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Tgt Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.1	0.0	0.0#
61	18.4	14.4	21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 48.05 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

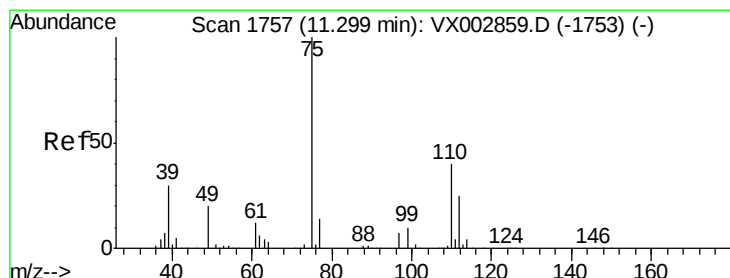
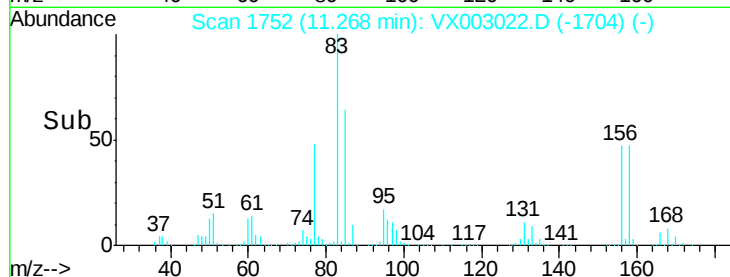
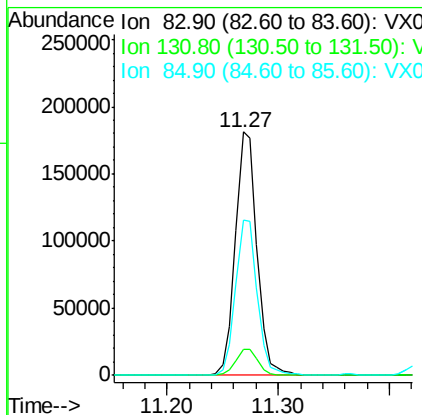
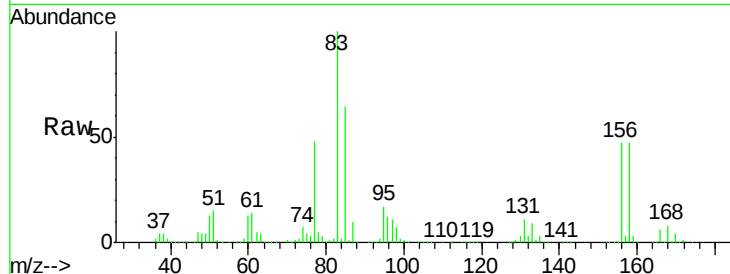
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	243867
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.6	16.8
85	64.6	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 48.09 ug/l m

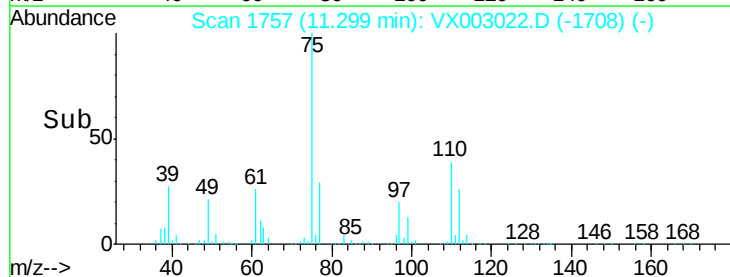
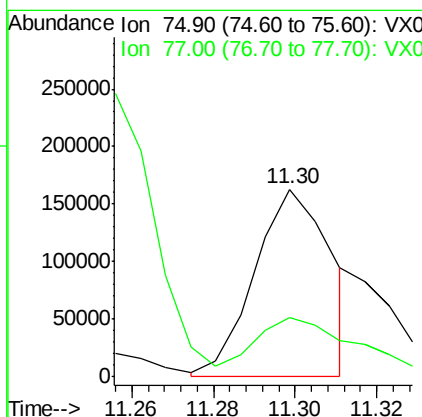
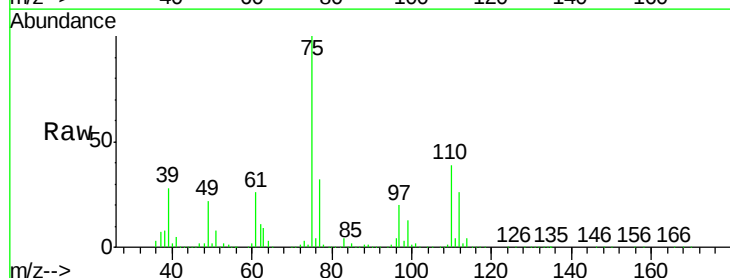
RT: 11.30 min Scan# 1757

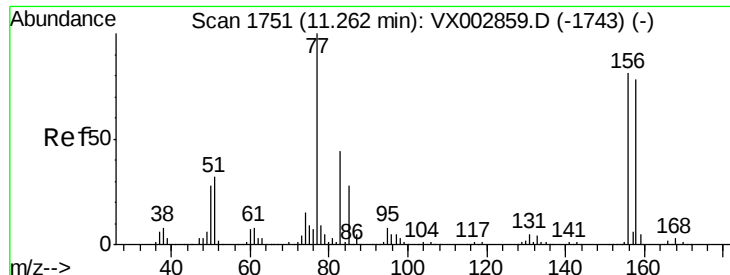
Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Tgt Ion:	75	Resp:	213346
Ion Ratio	Lower	Upper	
75	100		
77	42.2	22.8	68.3





#77

Bromobenzene

Concen: 48.34 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 226815

Ion Ratio Lower Upper

156 100

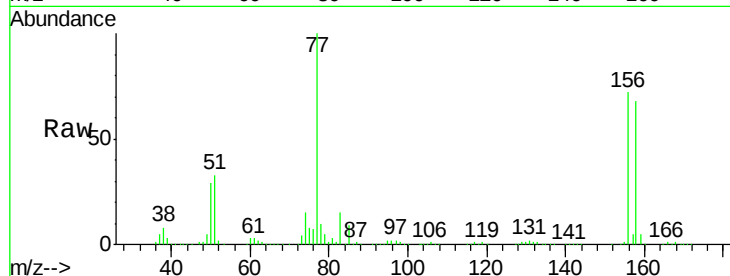
77 136.6 71.4 214.2

158 97.3 48.9 146.6

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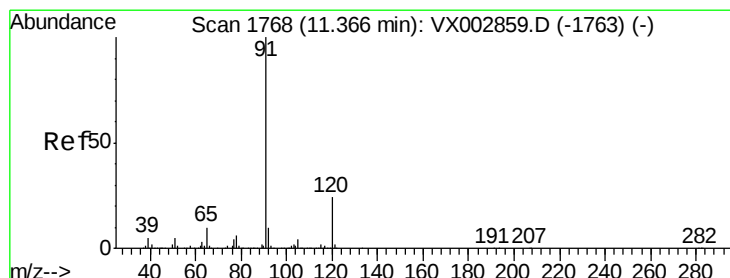
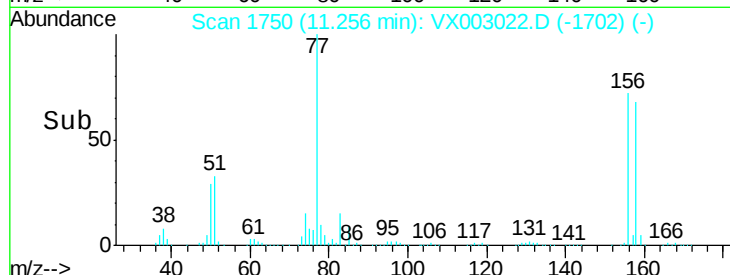
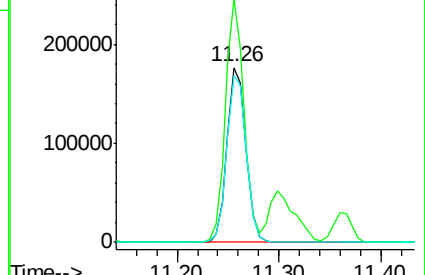
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.29 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003022.D

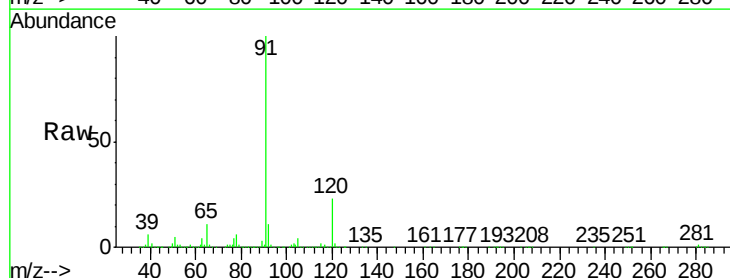
Acq: 29 Jun 2018 12:00

Tgt Ion: 91 Resp: 924340

Ion Ratio Lower Upper

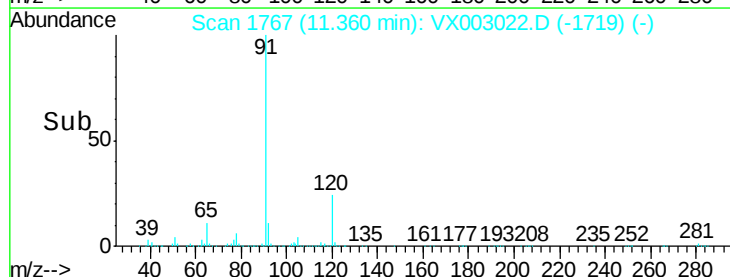
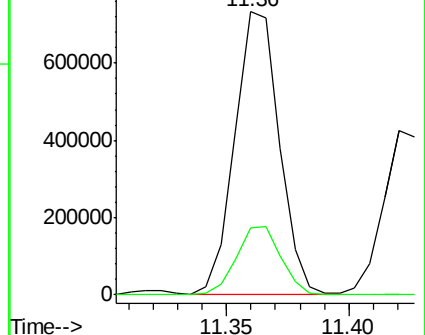
91 100

120 24.3 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.37 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.01 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 549160

Ion Ratio Lower Upper

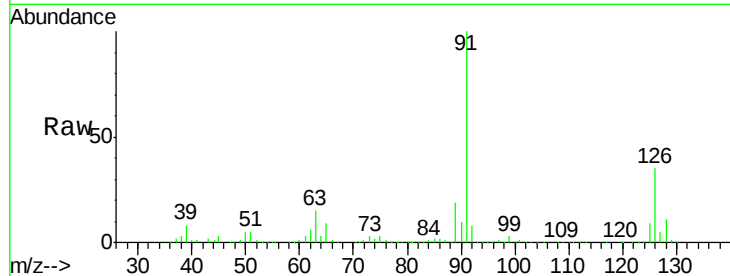
91 100

126 35.9 17.7 53.1

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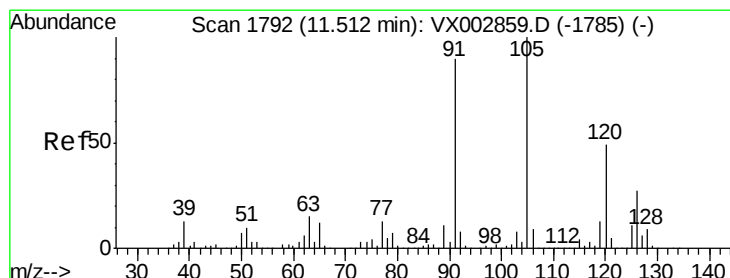
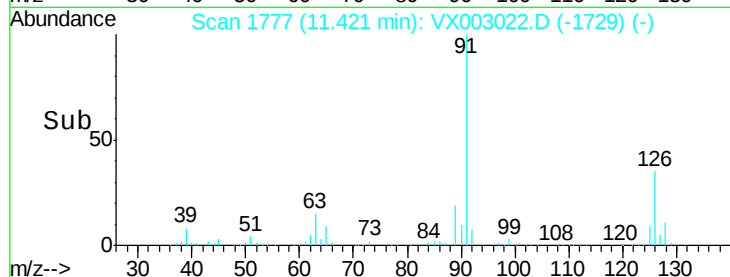
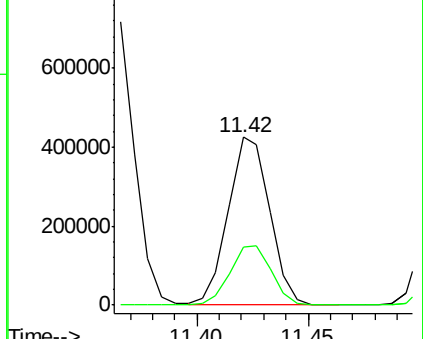
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Abundance Ion 91.00 (90.70 to 91.70): VX002859.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX002859.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.00 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003022.D

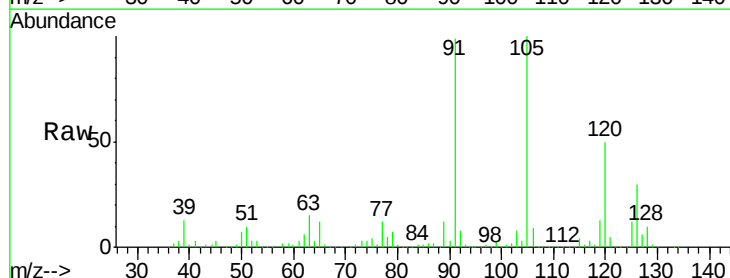
Acq: 29 Jun 2018 12:00

Tgt Ion: 105 Resp: 679922

Ion Ratio Lower Upper

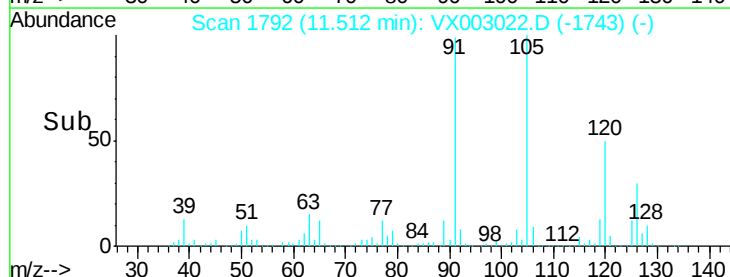
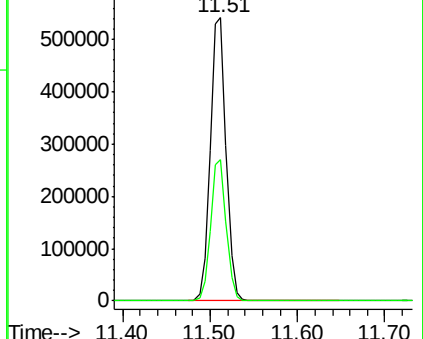
105 100

120 49.4 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002859.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX002859.D (-1785) (-)





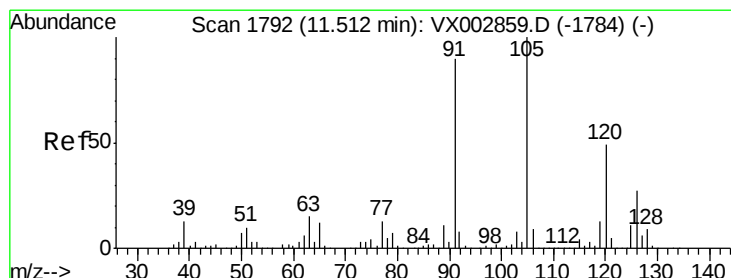
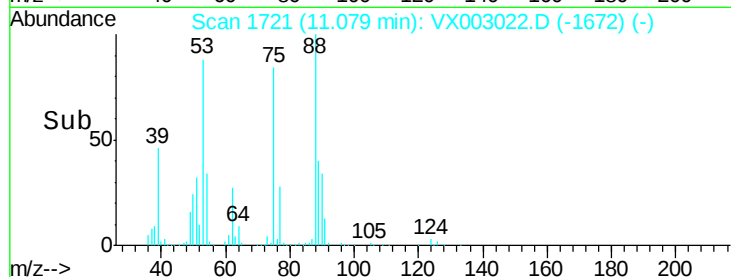
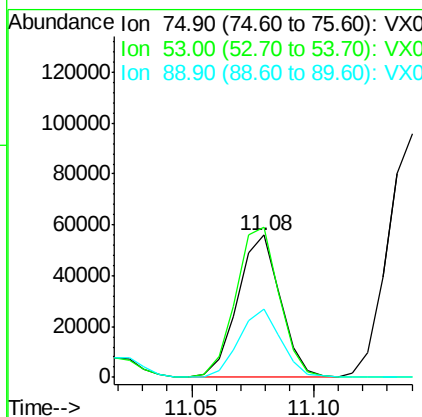
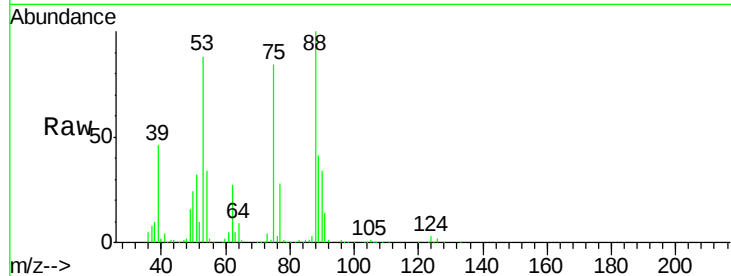
#81
trans-1,4-Dichloro-2-butene
Concen: 44.47 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 67380
Ion Ratio Lower Upper
75 100
53 108.2 86.8 130.2
89 48.2 38.2 57.2

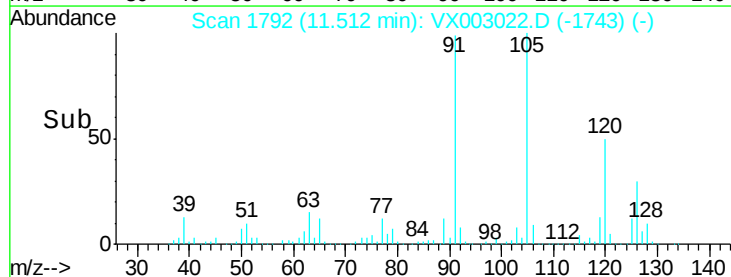
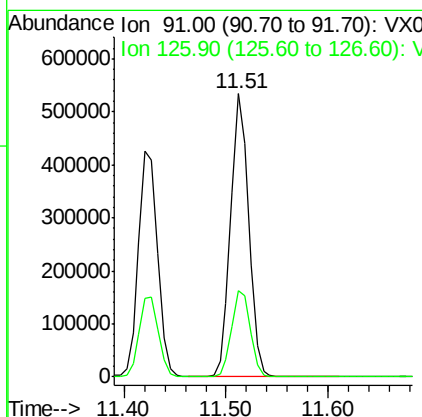
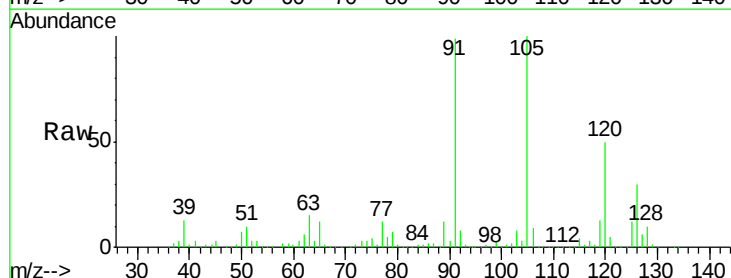
Manual Integrations
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#82
4-Chlorotoluene
Concen: 48.57 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Tgt Ion: 91 Resp: 652821
Ion Ratio Lower Upper
91 100
126 31.6 15.4 46.4





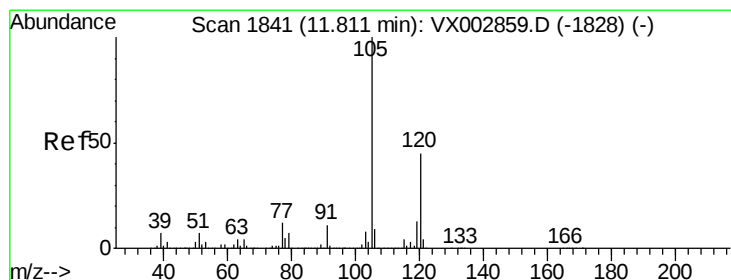
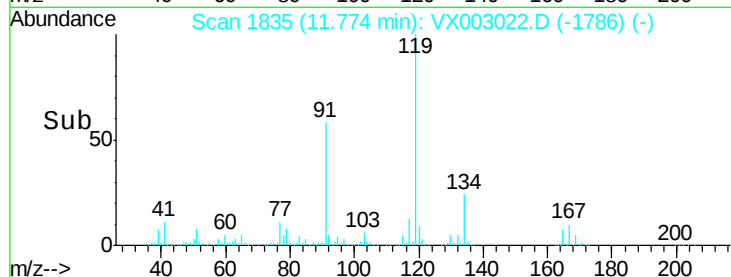
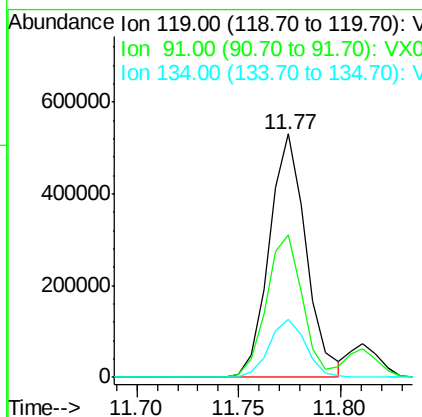
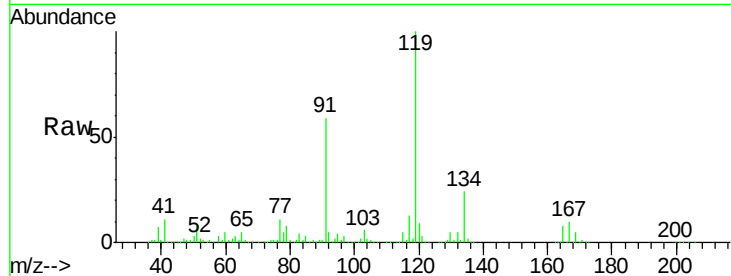
#83
tert-Butylbenzene
Concen: 48.79 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.7	30.3	90.9
134	23.5	11.7	35.1

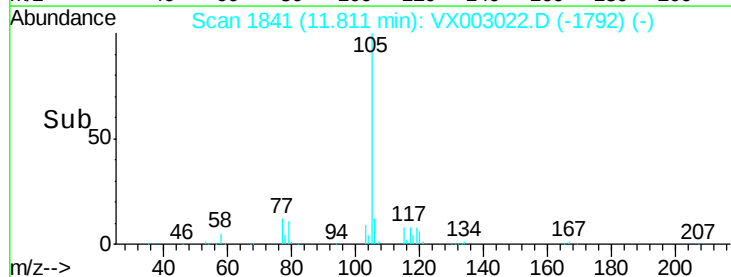
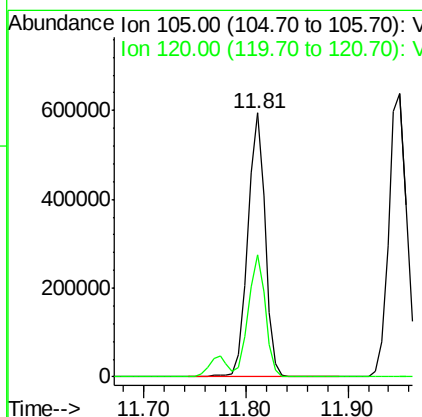
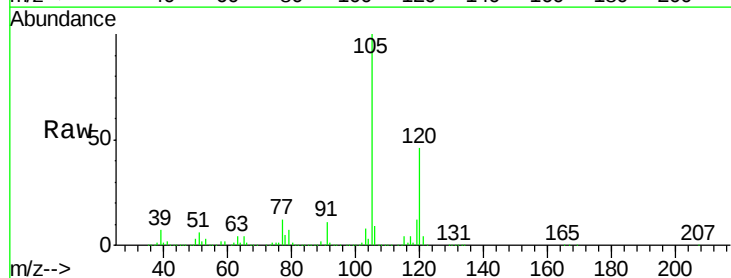
Manual Integrations
APPROVED

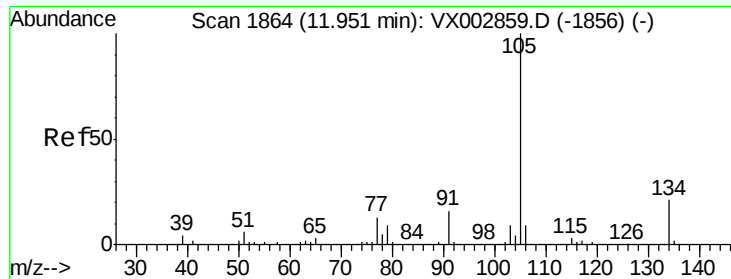
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#84
1,2,4-Trimethylbenzene
Concen: 48.87 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.3	66.8





#85

sec-Butylbenzene

Concen: 47.69 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 791243

Ion Ratio Lower Upper

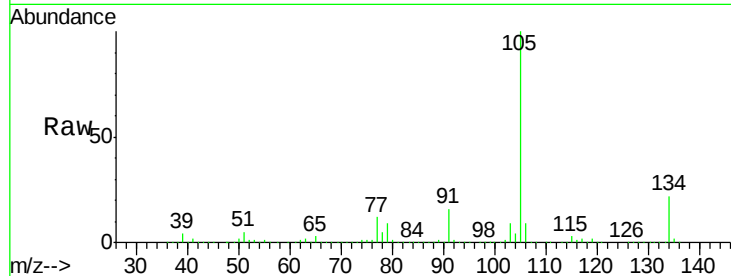
105 100

134 21.2 10.4 31.1

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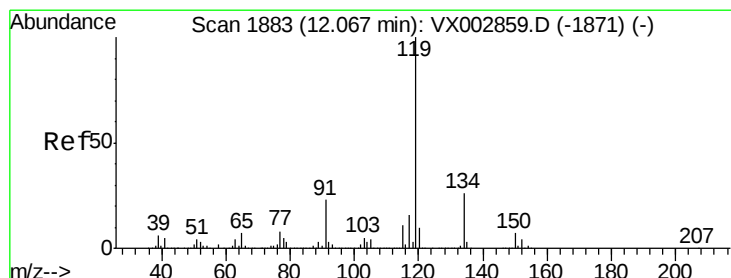
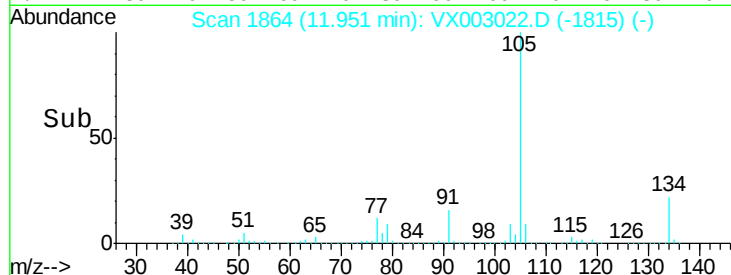
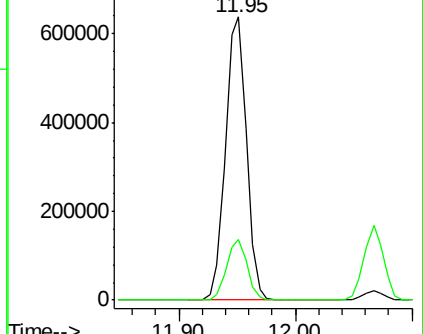
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.68 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

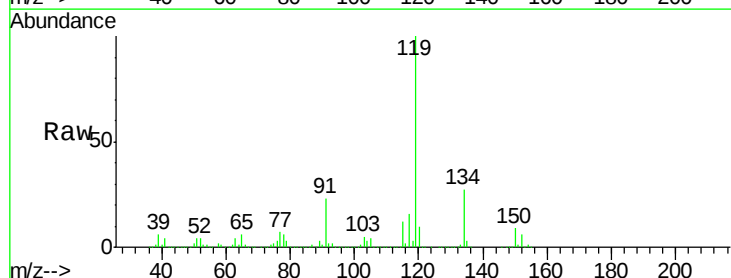
Tgt Ion:119 Resp: 726145

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

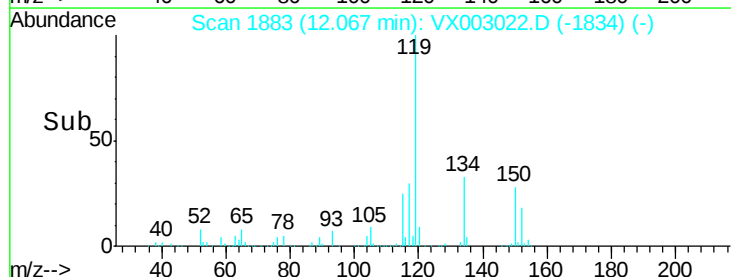
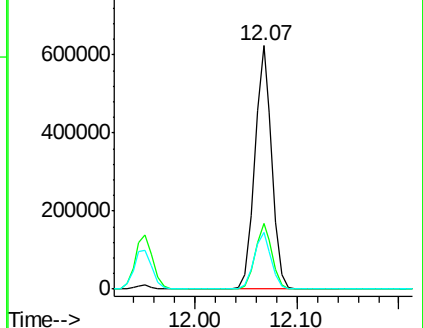
91 23.4 11.9 35.7

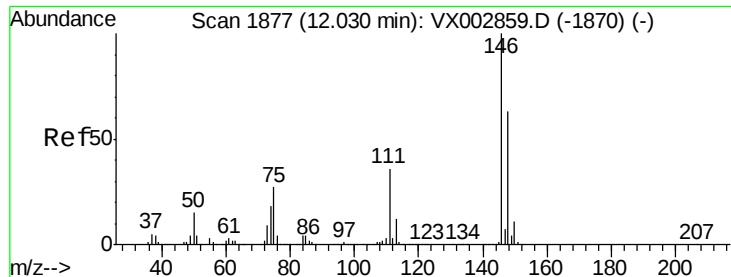


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 48.46 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

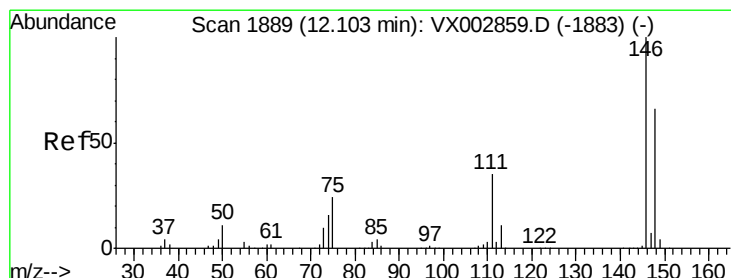
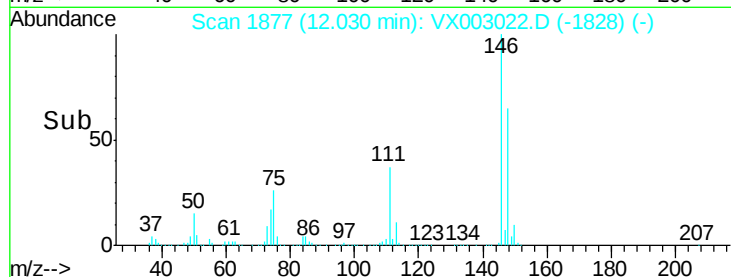
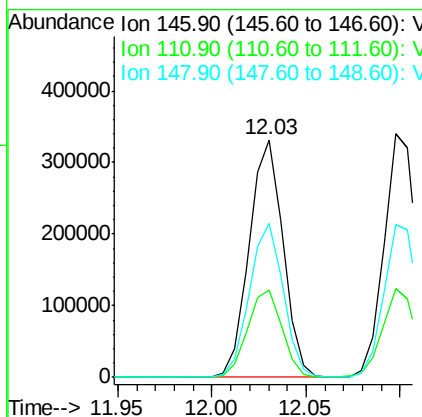
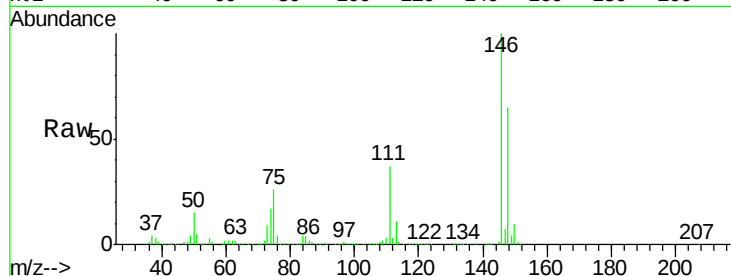
ClientSampled :

VSTDCCC050

Tot Ion:	146	Resp:	415211
Ion Ratio	Lower	Upper	
146	100		
111	37.4	18.9	56.7
148	64.6	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 47.77 ug/l

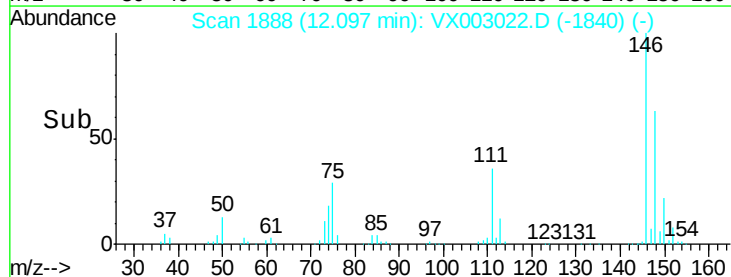
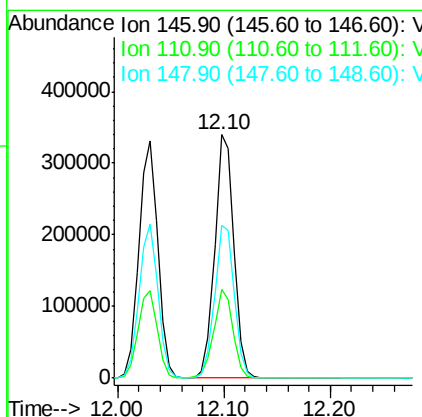
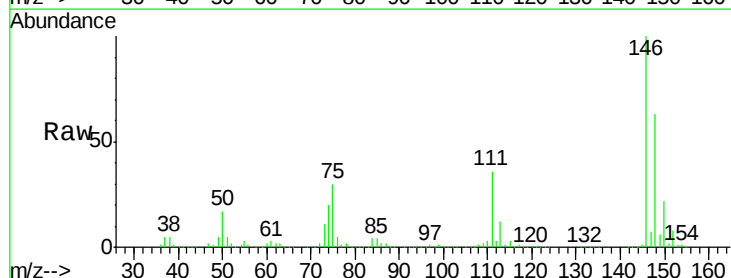
RT: 12.10 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Tgt Ion:	146	Resp:	421265
Ion Ratio	Lower	Upper	
146	100		
111	36.3	18.7	56.1
148	64.2	32.4	97.0





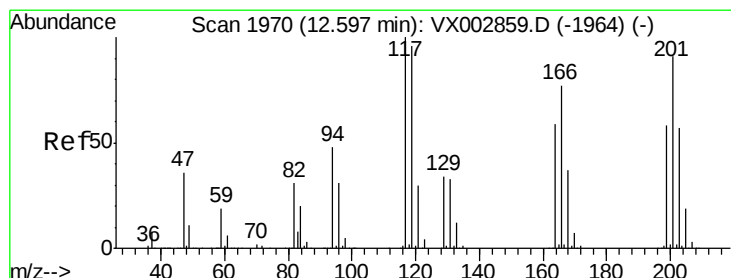
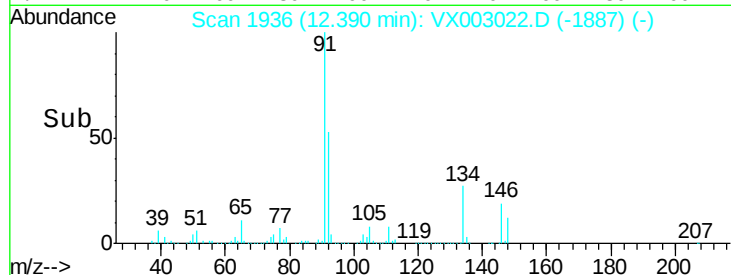
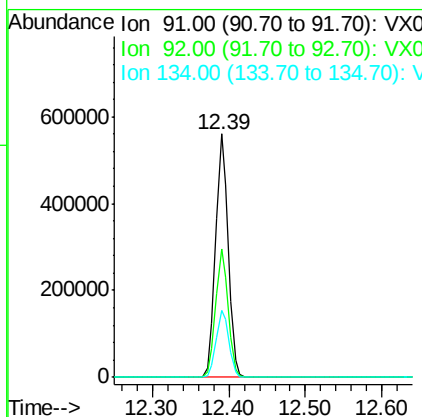
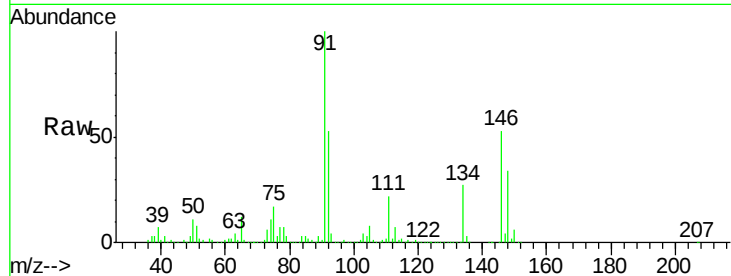
#89
n-Butylbenzene
Concen: 49.21 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.0	78.0
134	27.8	13.5	40.5

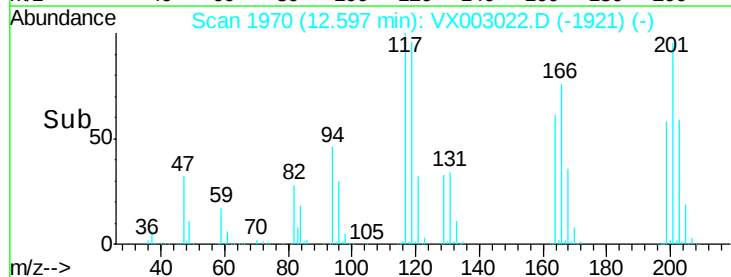
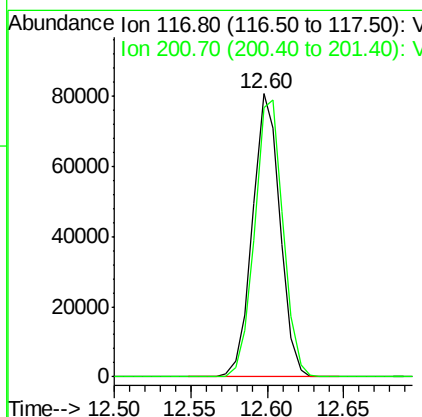
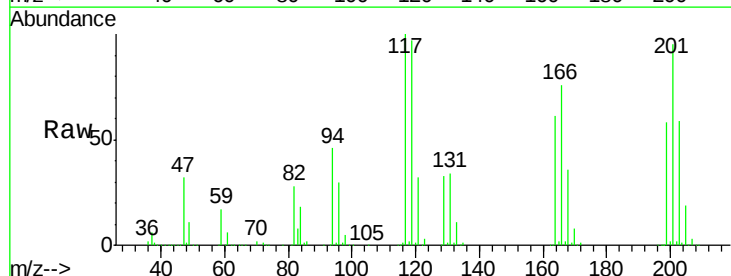
Manual Integrations
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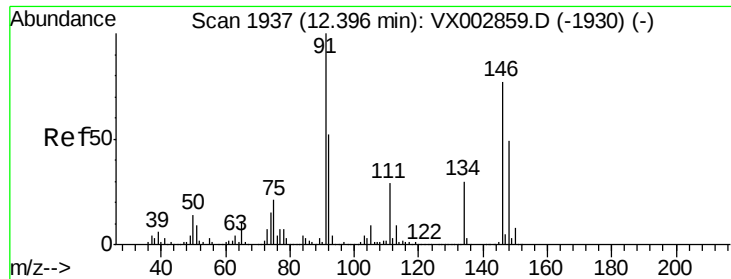
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#90
Hexachloroethane
Concen: 45.39 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003022.D
Acq: 29 Jun 2018 12:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	101.4	49.0	147.0





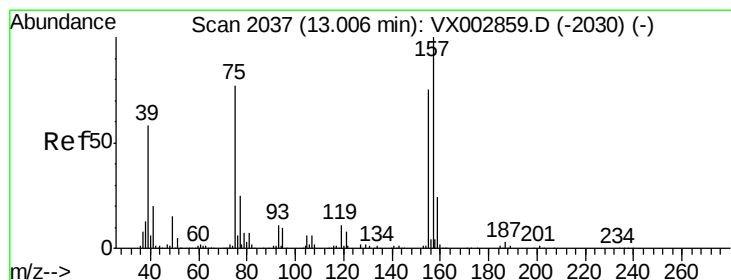
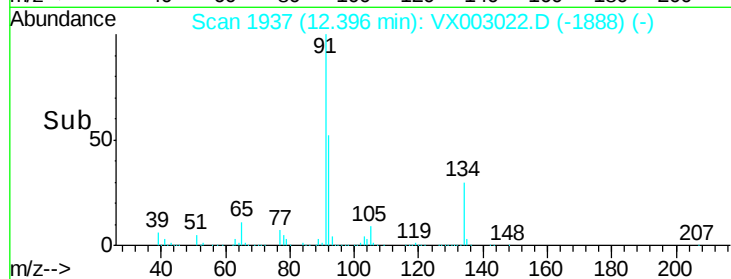
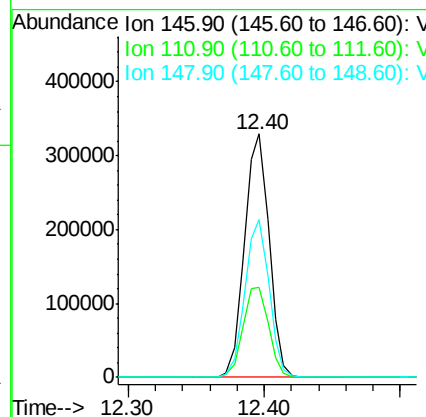
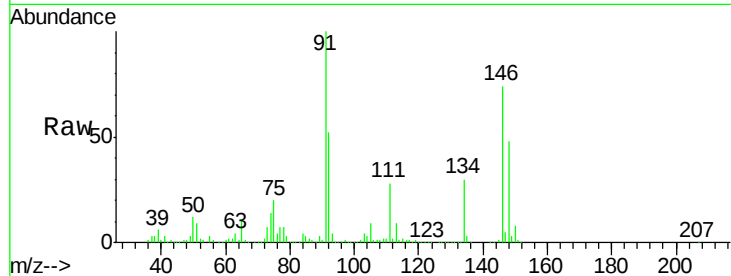
#91
 1,2-Dichlorobenzene
 Concen: 47.93 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.4	58.1
148	63.9	31.7	95.1

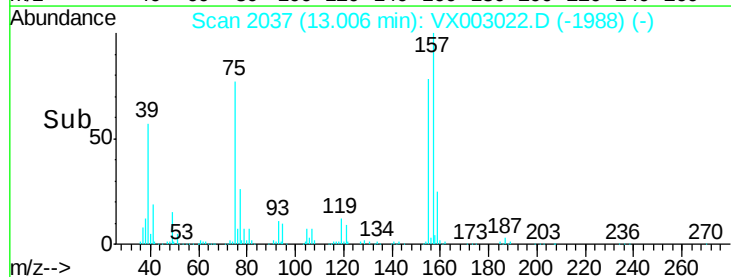
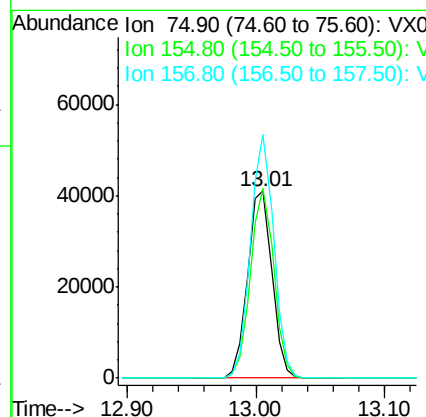
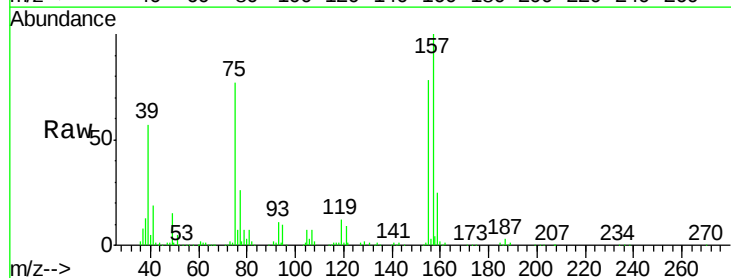
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.65 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.1	45.8	137.4
157	123.8	60.1	180.3





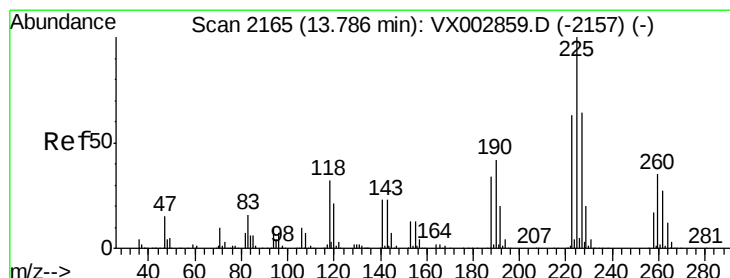
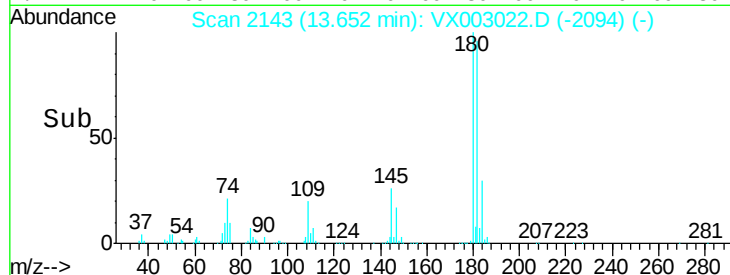
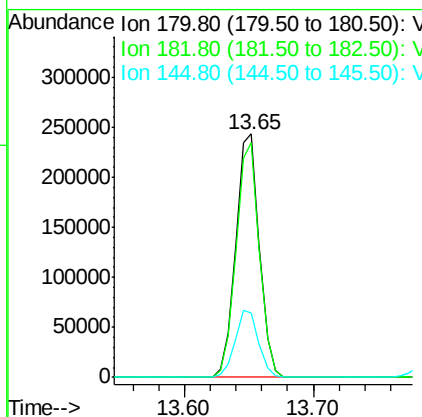
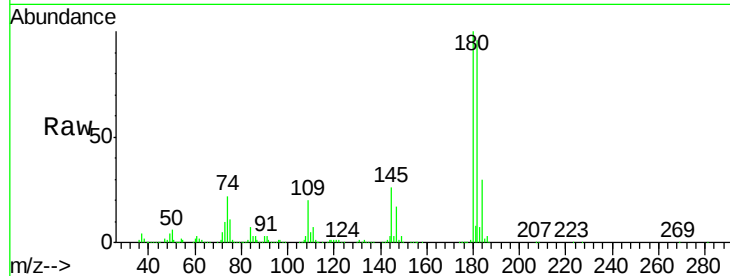
#93
 1,2,4-Trichlorobenzene
 Concen: 48.96 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	308144		
182	95.5	47.7	143.1	
145	27.5	14.1	42.4	

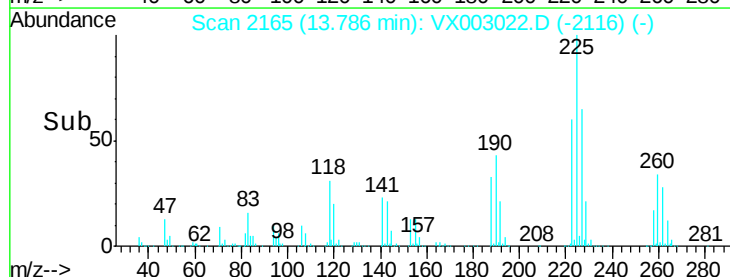
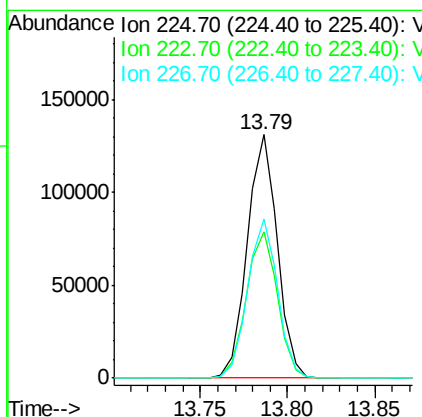
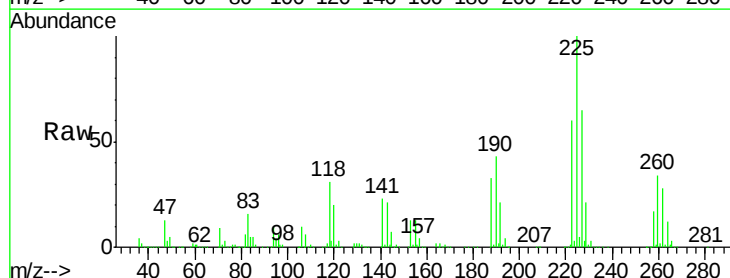
Manual Integrations
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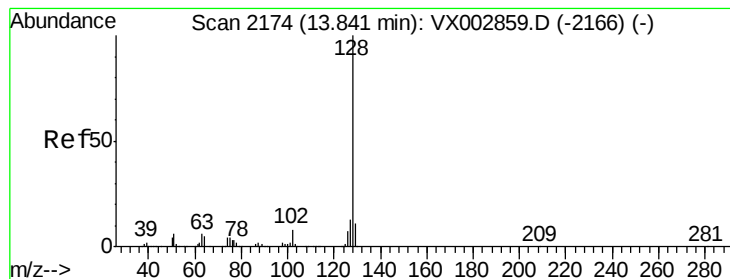
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#94
 Hexachlorobutadiene
 Concen: 49.69 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003022.D
 Acq: 29 Jun 2018 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	155978		
223	62.1	31.6	95.0	
227	65.2	32.4	97.2	





#95

Naphthalene

Concen: 50.81 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Instrument :

MSVOA_X

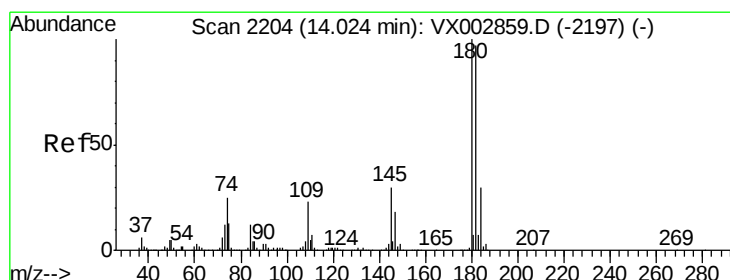
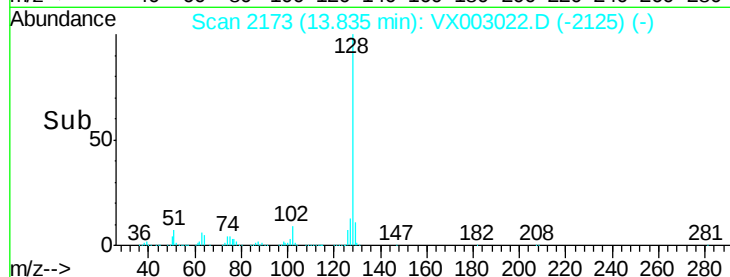
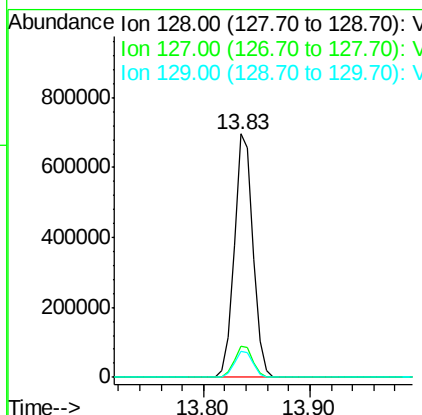
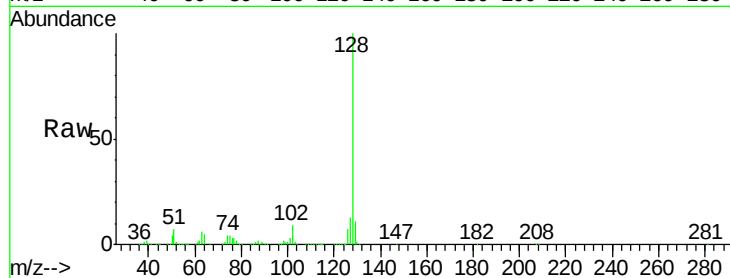
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	851754
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

apatel
7/2/2018 4:15:18 PM



#96

1,2,3-Trichlorobenzene

Concen: 48.61 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003022.D

Acq: 29 Jun 2018 12:00

Tgt Ion:	180	Resp:	305631
Ion Ratio	Lower	Upper	
180	100		
182	96.1	48.0	144.0
145	30.1	14.8	44.3

