

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072118\
 Data File : VX003569.D
 Acq On : 21 Jul 2018 21:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/23/2018 3:19:47 PM

Quant Time: Jul 23 03:58:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	287281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	401017	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	377342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	232592	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	184850	54.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.72%	
35) Dibromofluoromethane	5.51	113	176534	57.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.60%	
50) Toluene-d8	8.72	98	626462	54.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.14%	
62) 4-Bromofluorobenzene	11.14	95	228591	54.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	120784	53.00	ug/l	99
3) Chloromethane	1.32	50	156310	55.42	ug/l	89
4) Vinyl Chloride	1.40	62	167630	45.93	ug/l	99
5) Bromomethane	1.64	94	75018	51.76	ug/l	99
6) Chloroethane	1.72	64	111443	51.60	ug/l	100
7) Trichlorofluoromethane	1.92	101	248597	51.06	ug/l	93
8) Diethyl Ether	2.19	74	107546	51.43	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.38	101	153588	48.20	ug/l	99
10) Methyl Iodide	2.51	142	213607	55.80	ug/l	93
11) Tert butyl alcohol	3.07	59	186263	276.80	ug/l	99
12) 1,1-Dichloroethene	2.37	96	153160	52.20	ug/l	85
13) Acrolein	2.29	56	70459	231.74	ug/l	97
14) Allyl chloride	2.73	41	285451	54.96	ug/l	87
15) Acrylonitrile	3.15	53	471718	275.34	ug/l	98
16) Acetone	2.45	43	376413	293.04	ug/l	93
17) Carbon Disulfide	2.57	76	408046	51.42	ug/l	96
18) Methyl Acetate	2.78	43	243494	60.13	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	511286	53.36	ug/l	95
20) Methylene Chloride	2.86	84	178444	56.94	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	168539	51.62	ug/l	80
22) Diisopropyl ether	3.87	45	575600	58.89	ug/l	97
23) Vinyl Acetate	3.82	43	2263338	281.13	ug/l	96
24) 1,1-Dichloroethane	3.70	63	321579	56.08	ug/l	99
25) 2-Butanone	4.71	43	625580	290.27	ug/l #	90
26) 2,2-Dichloropropane	4.59	77	215462	49.47	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	200550	55.17	ug/l	96
28) Bromochloromethane	5.03	49	148075	59.08	ug/l	90
29) Tetrahydrofuran	5.16	42	404428	284.07	ug/l	93
30) Chloroform	5.21	83	327857	58.55	ug/l	100
31) Cyclohexane	5.58	56	278766	54.41	ug/l	87
32) 1,1,1-Trichloroethane	5.49	97	275905	57.54	ug/l	98
36) 1,1-Dichloropropene	5.81	75	225475	52.08	ug/l	99
37) Ethyl Acetate	4.87	43	240653	58.74	ug/l	96
38) Carbon Tetrachloride	5.78	117	228491	53.80	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	259736	50.65	ug/l	95
40) Benzene	6.15	78	682239	52.19	ug/l	99
41) Methacrylonitrile	5.07	41	138034	57.32	ug/l	94
42) 1,2-Dichloroethane	6.20	62	226501	54.99	ug/l	96
43) Isopropyl Acetate	6.46	43	352779	54.13	ug/l	94
44) Trichloroethene	7.22	130	197150	50.57	ug/l	96
45) 1,2-Dichloropropane	7.52	63	179313	54.02	ug/l	100
46) Dibromomethane	7.67	93	115654	54.12	ug/l	97
47) Bromodichloromethane	7.90	83	218724	55.91	ug/l	99
48) Methyl methacrylate	7.78	41	184610	56.17	ug/l	86
49) 1,4-Dioxane	7.76	88	78409	1052.91	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1179138	286.38	ug/l	92
52) Toluene	8.79	92	435698	52.95	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	261338	54.27	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	237250	54.79	ug/l #	90
55) 1,1,2-Trichloroethane	9.22	97	176177	53.81	ug/l	99
56) Ethyl methacrylate	9.18	69	257074	55.74	ug/l #	84
57) 1,3-Dichloropropane	9.37	76	287824	54.38	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	613425	273.54	ug/l	98
59) 2-Hexanone	9.50	43	872710	286.08	ug/l	89
60) Dibromochloromethane	9.59	129	180759	55.77	ug/l	100
61) 1,2-Dibromoethane	9.68	107	180657	53.22	ug/l	98
64) Tetrachloroethene	9.34	164	235306	51.18	ug/l	96
65) Chlorobenzene	10.14	112	490583	50.46	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	178473	53.35	ug/l	99
67) Ethyl Benzene	10.26	91	826816	52.89	ug/l	100
68) m/p-Xylenes	10.36	106	649744	106.02	ug/l	97
69) o-Xylene	10.70	106	312448	52.72	ug/l	97
70) Styrene	10.71	104	529218	54.29	ug/l	97
71) Bromoform	10.86	173	142000	54.64	ug/l	100
73) Isopropylbenzene	11.02	105	842227	52.36	ug/l	100
74) N-amyl acetate	6.46	43	352779	51.65	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	243392	51.63	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	221435m	52.99	ug/l	
77) Bromobenzene	11.26	156	230244	49.77	ug/l	97
78) n-propylbenzene	11.37	91	954212	53.36	ug/l	99
79) 2-Chlorotoluene	11.42	91	566329	52.17	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	686935	51.96	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	69355	47.28	ug/l	89
82) 4-Chlorotoluene	11.51	91	636429	50.04	ug/l	97
83) tert-Butylbenzene	11.77	119	659262	50.92	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	705376	52.44	ug/l	97
85) sec-Butylbenzene	11.95	105	813397	51.73	ug/l	99
86) p-Isopropyltoluene	12.07	119	741777	52.56	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	417743	49.12	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	423741	48.37	ug/l	99
89) n-Butylbenzene	12.39	91	629010	52.49	ug/l	99
90) Hexachloroethane	12.60	117	104084	51.88	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	420352	50.15	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	49672	54.15	ug/l	92

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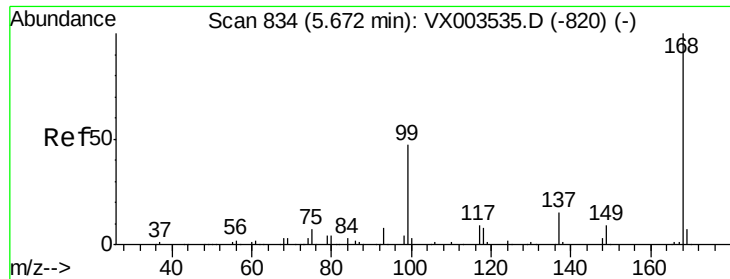
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	296423	48.25	ug/l	100
94) Hexachlorobutadiene	13.79	225	140682	47.62	ug/l	100
95) Naphthalene	13.83	128	847910	52.53	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	300858	49.47	ug/l	99

(#) = 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: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 287281

Ion Ratio Lower Upper

168 100

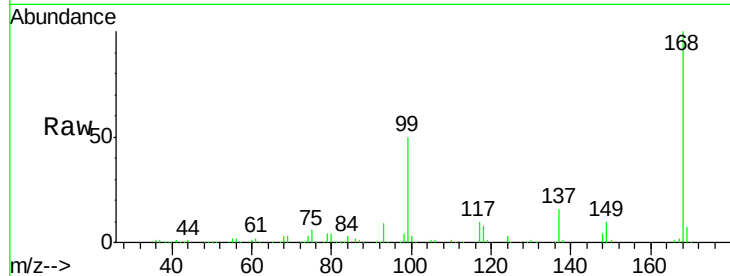
99 50.1 39.3 58.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

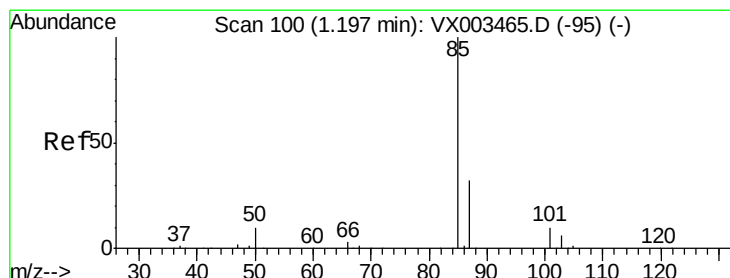
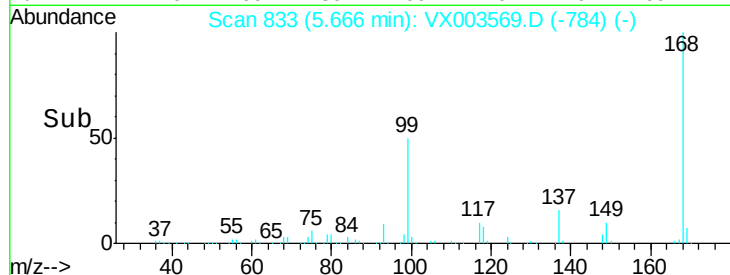
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 53.00 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003569.D

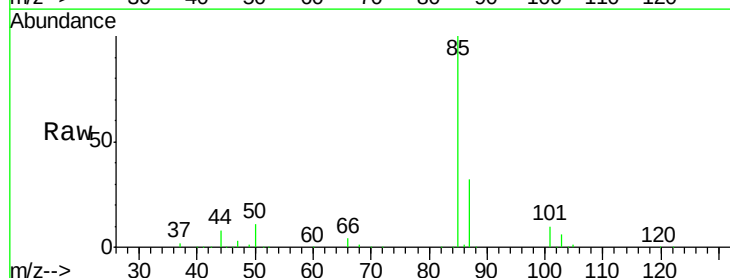
Acq: 21 Jul 2018 21:58

Tgt Ion: 85 Resp: 120784

Ion Ratio Lower Upper

85 100

87 32.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

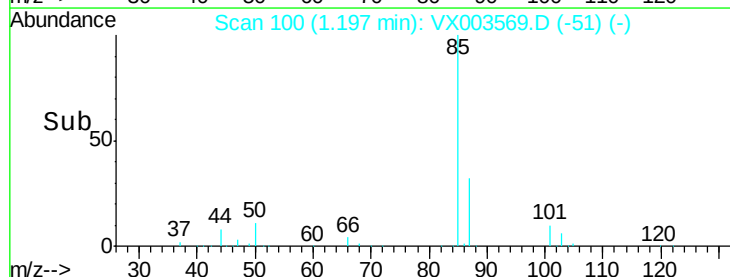
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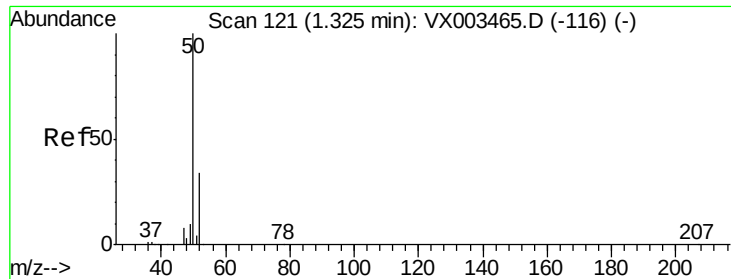
50000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 55.42 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 156310

Ion Ratio Lower Upper

50 100

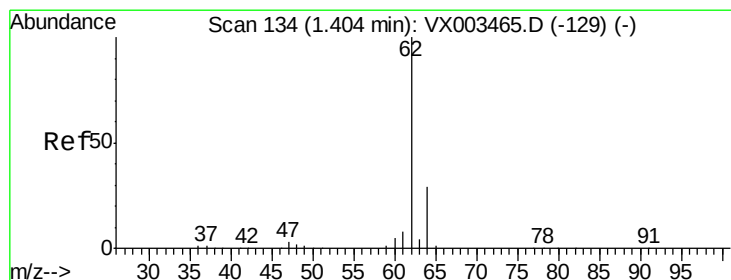
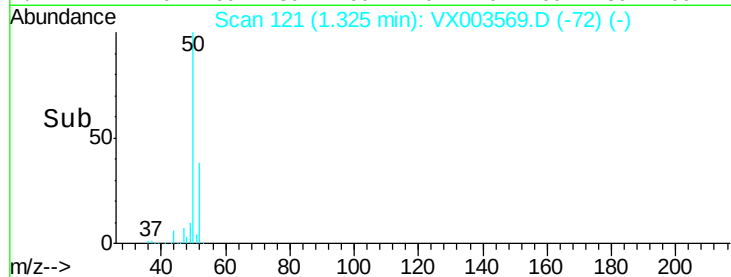
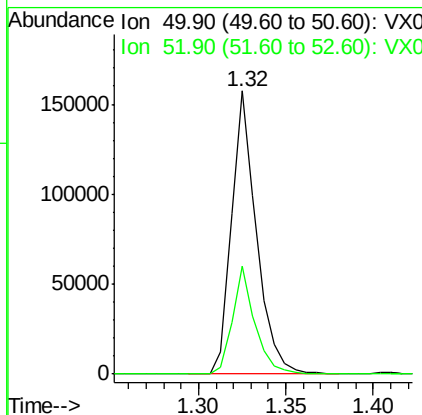
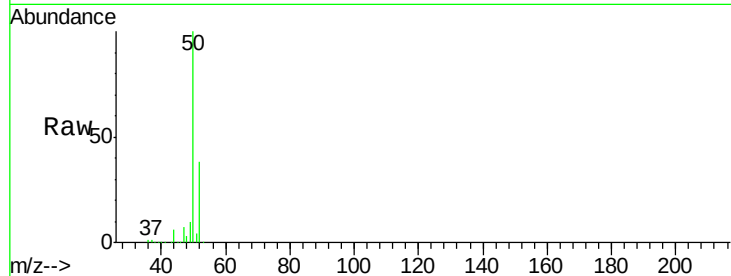
52 38.2 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 45.93 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003569.D

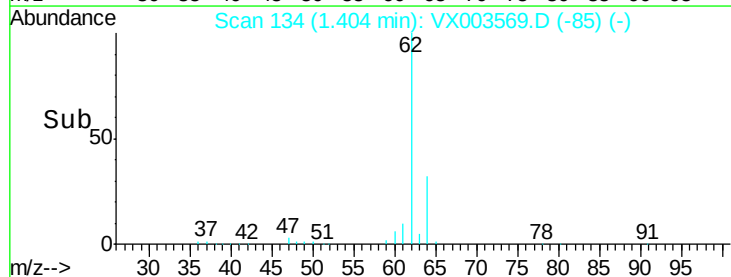
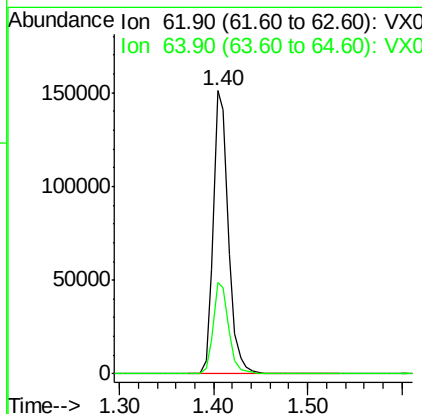
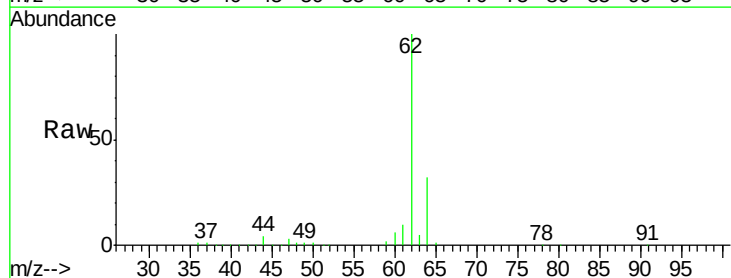
Acq: 21 Jul 2018 21:58

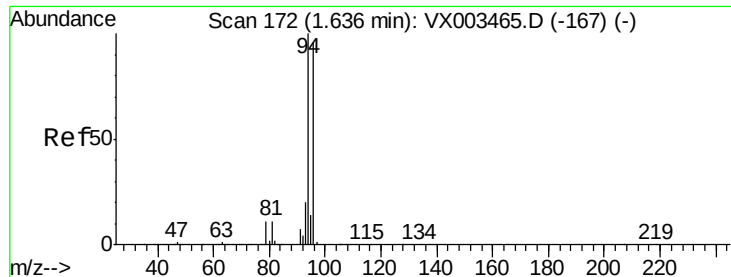
Tgt Ion: 62 Resp: 167630

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.2





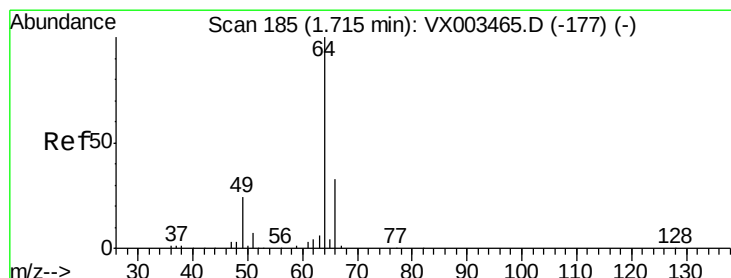
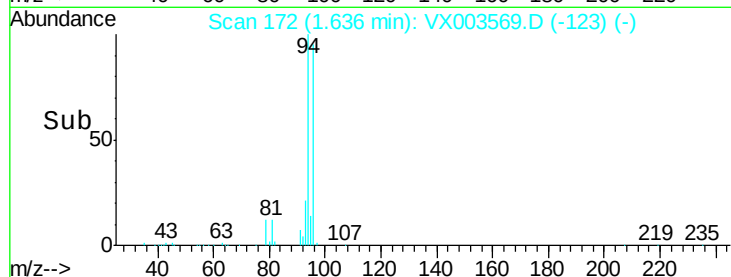
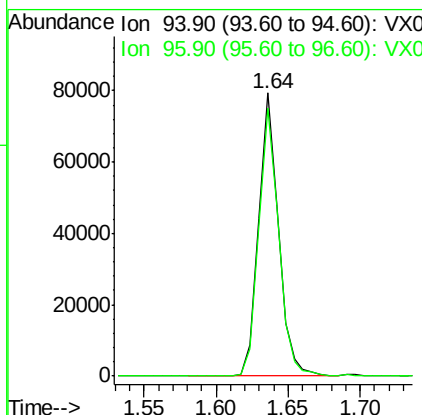
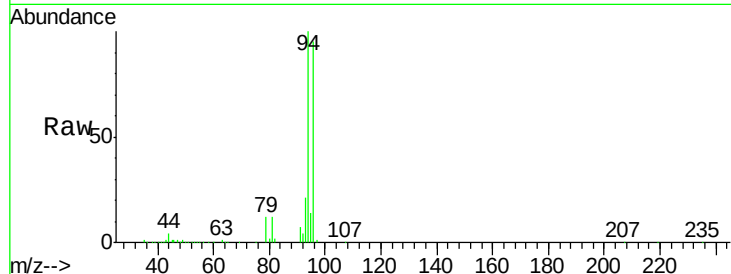
#5
Bromomethane
Concen: 51.76 ug/l
RT: 1.64 min Scan# 172
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Instrument :
MSVOA_X
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Tot Ion	Ratio	Lower	Upper
94	100		
96	94.7	74.9	112.3

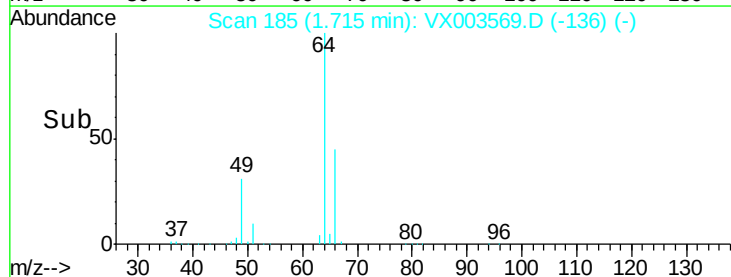
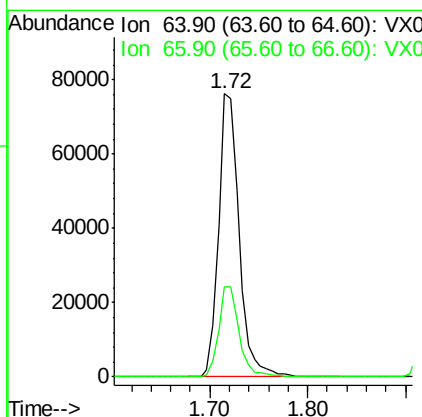
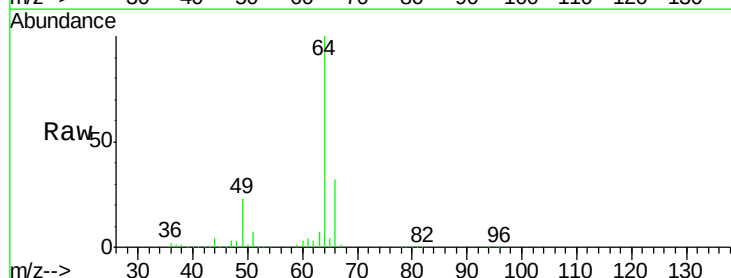
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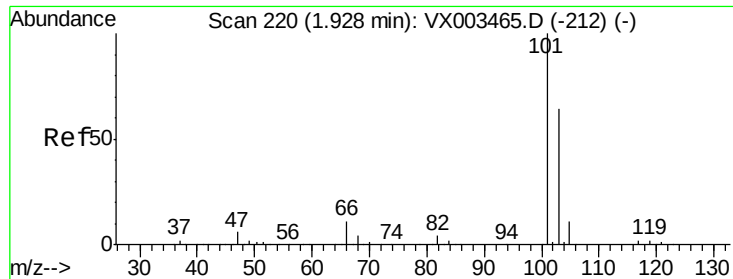
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#6
Chloroethane
Concen: 51.60 ug/l
RT: 1.72 min Scan# 185
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Tgt Ion	Ratio	Lower	Upper
64	100		
66	31.8	25.5	38.3





#7

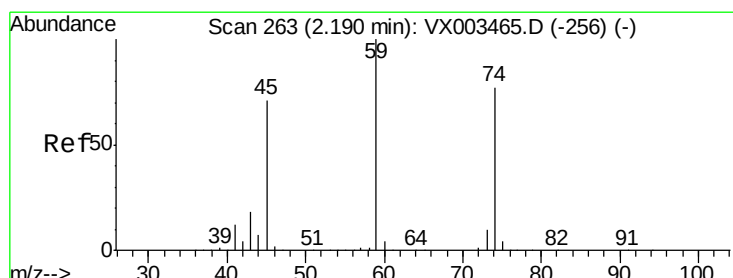
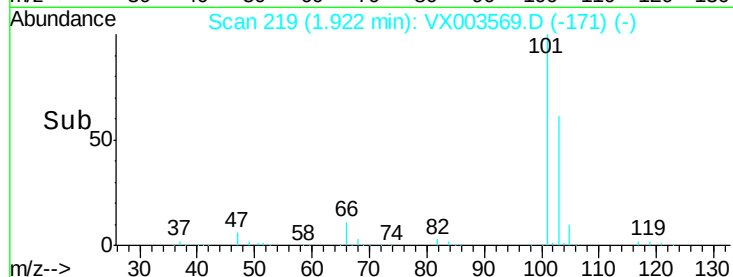
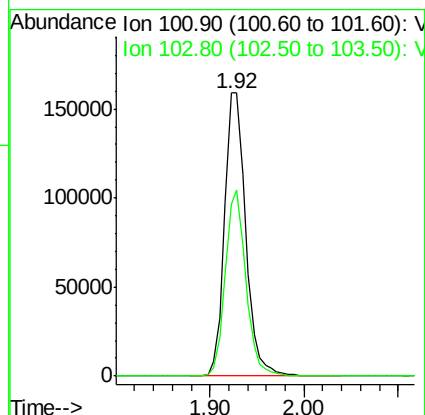
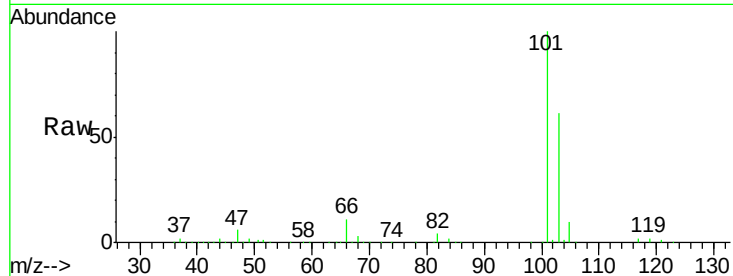
Trichlorofluoromethane
Concen: 51.06 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 248597
Ion Ratio Lower Upper
101 100
103 60.7 52.8 79.2

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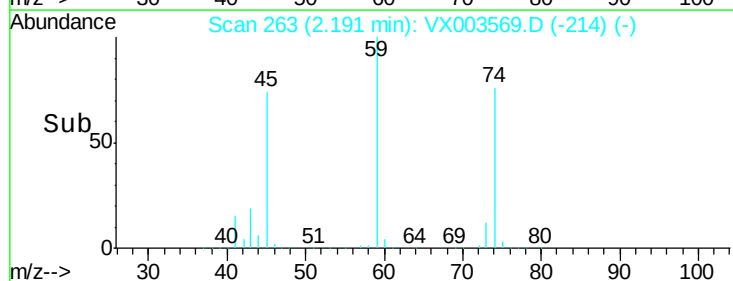
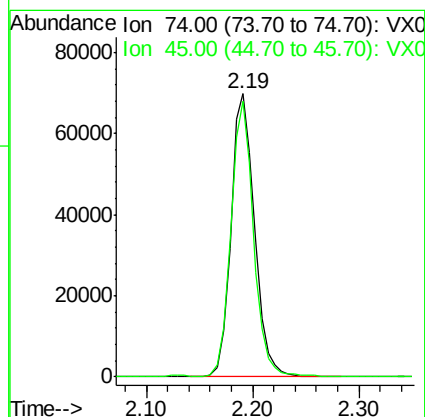
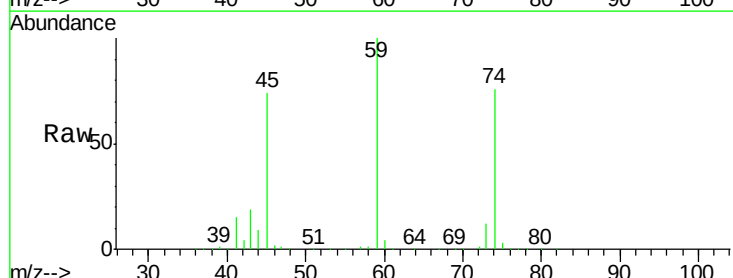
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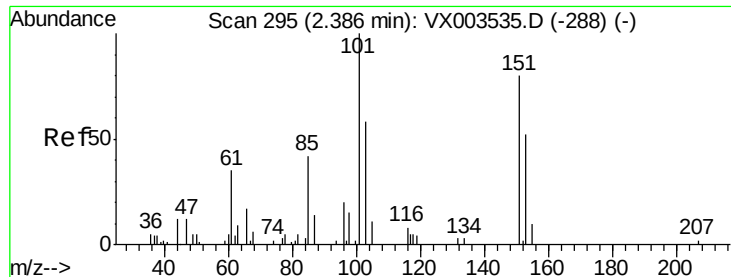


#8

Diethyl Ether
Concen: 51.43 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Tgt Ion: 74 Resp: 107546
Ion Ratio Lower Upper
74 100
45 93.6 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.20 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

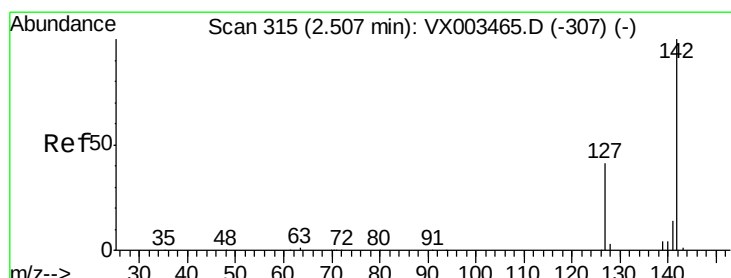
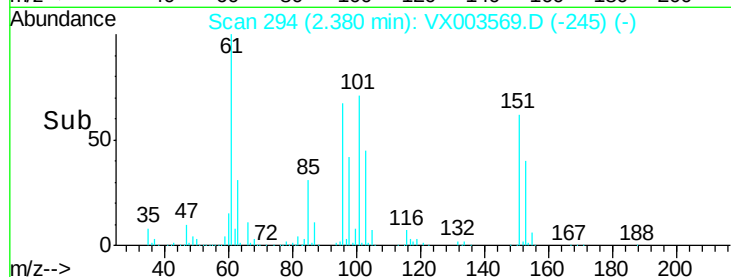
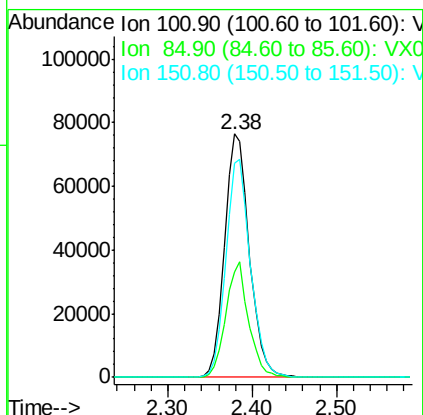
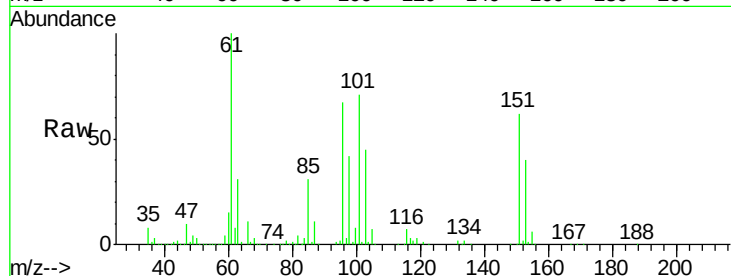
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	153588
Ion Ratio	Lower	Upper	
101	100		
85	43.6	36.0	54.0
151	88.9	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 55.80 ug/l

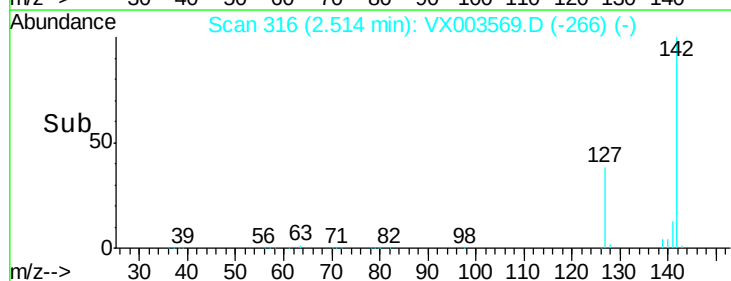
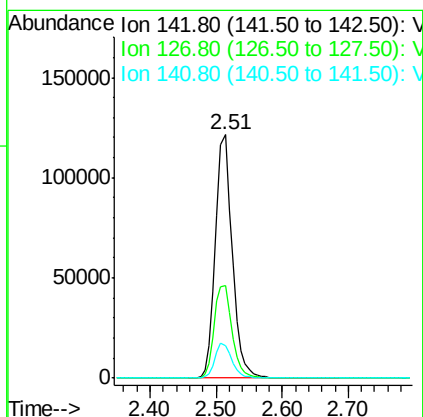
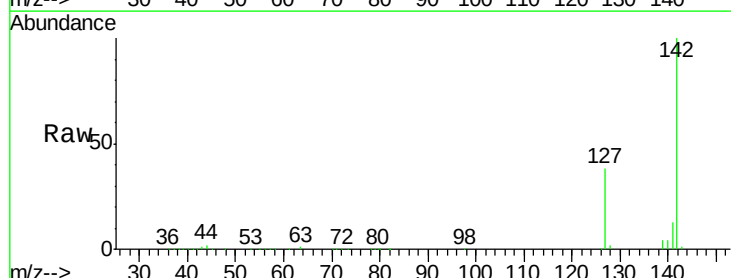
RT: 2.51 min Scan# 316

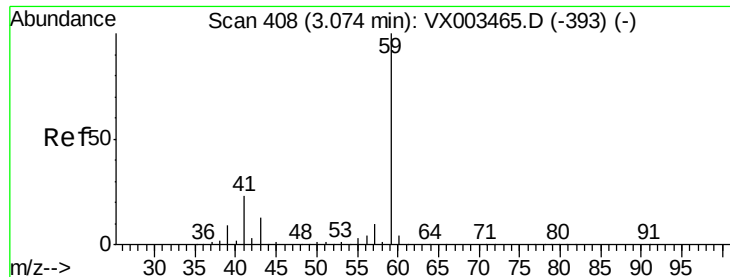
Delta R.T. 0.01 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Tgt Ion:	142	Resp:	213607
Ion Ratio	Lower	Upper	
142	100		
127	40.1	36.6	55.0
141	14.3	11.3	16.9





#11

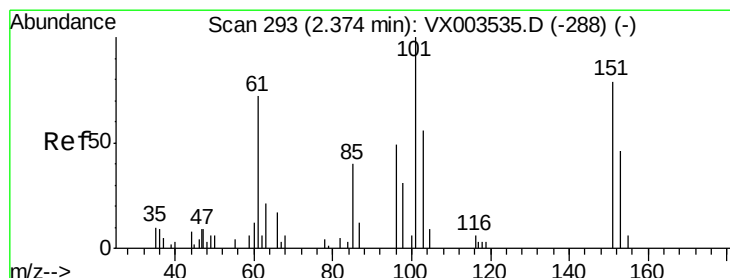
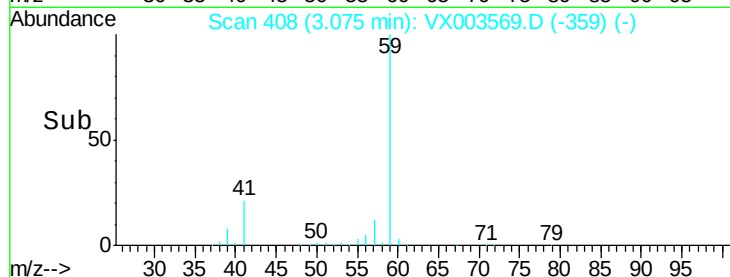
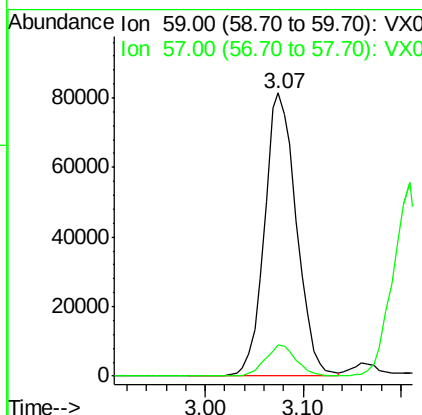
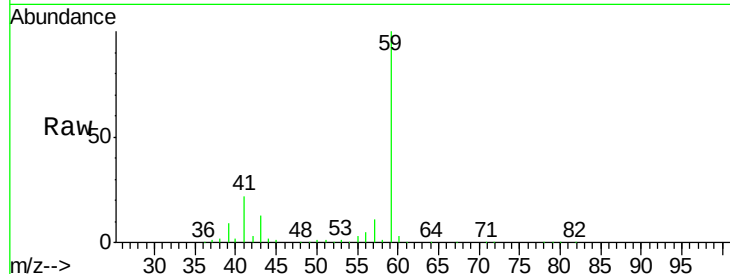
Tert butyl alcohol
Concen: 276.80 ug/l
RT: 3.07 min Scan# 408
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.2	12.2

Manual Integrations
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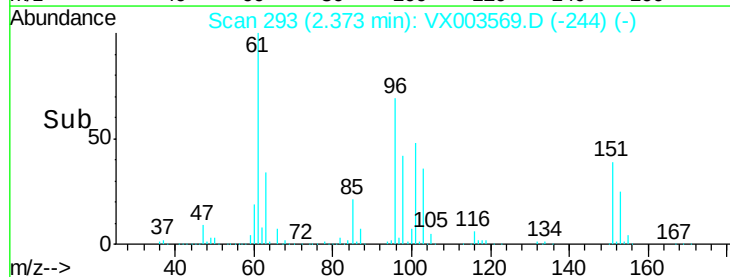
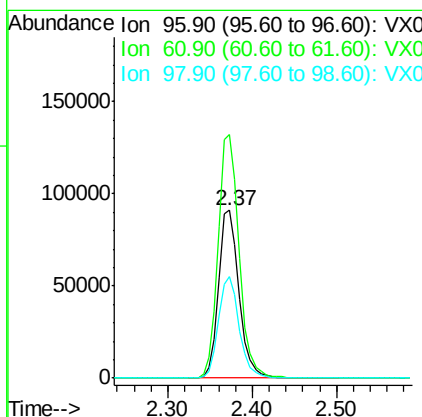
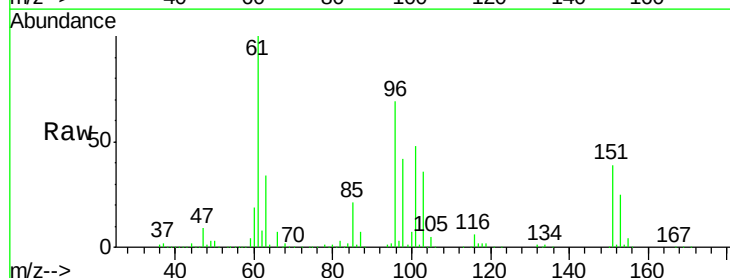
MMDadoda
7/23/2018 3:19:47 PM

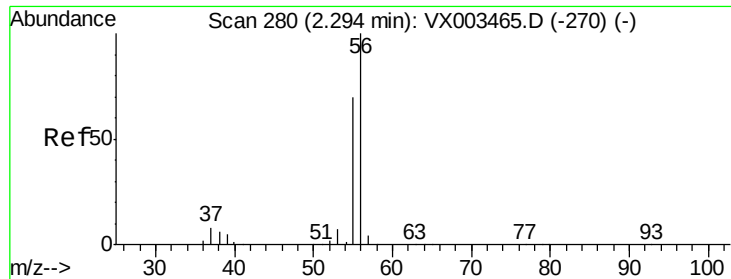


#12

1,1-Dichloroethene
Concen: 52.20 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Tgt Ion	Ratio	Lower	Upper
96	100		
61	145.3	137.9	206.9
98	60.9	51.6	77.4





#13

Acrolein

Concen: 231.74 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 70459

Ion Ratio Lower Upper

56 100

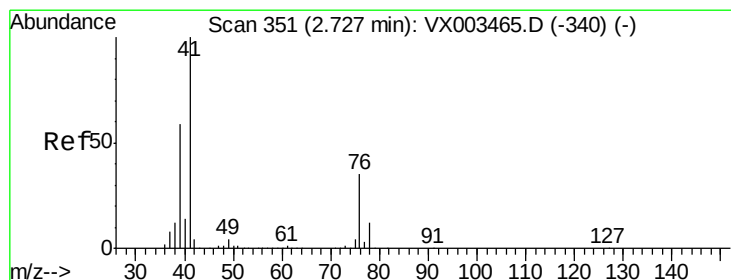
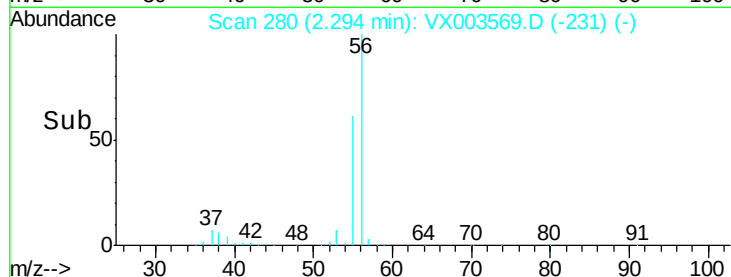
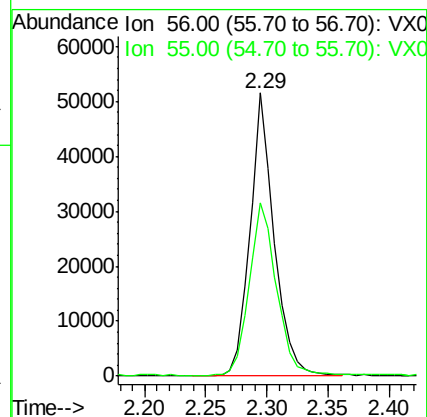
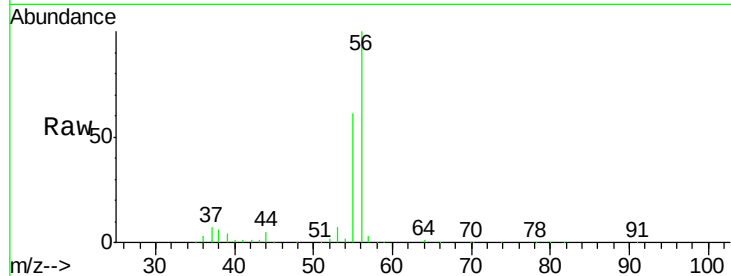
55 69.1 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 54.96 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

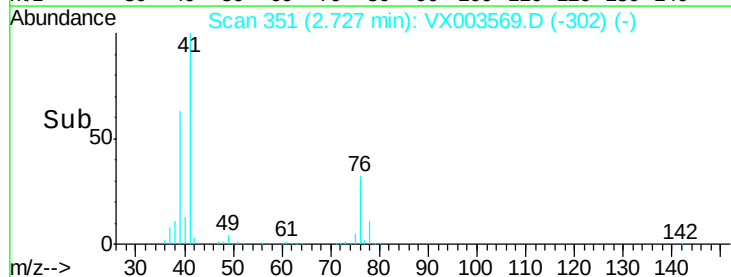
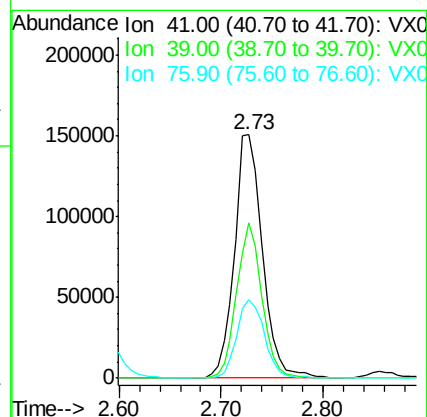
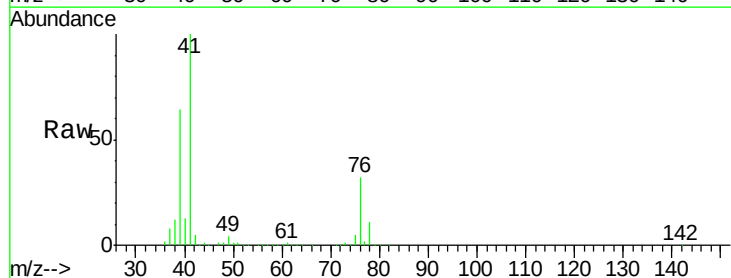
Tgt Ion: 41 Resp: 285451

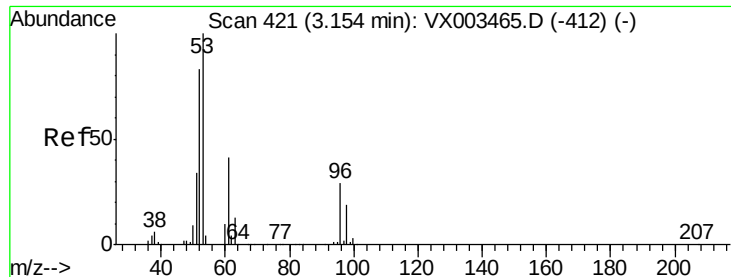
Ion Ratio Lower Upper

41 100

39 57.5 56.8 85.2

76 32.0 23.8 35.8





#15

Acrylonitrile

Concen: 275.34 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

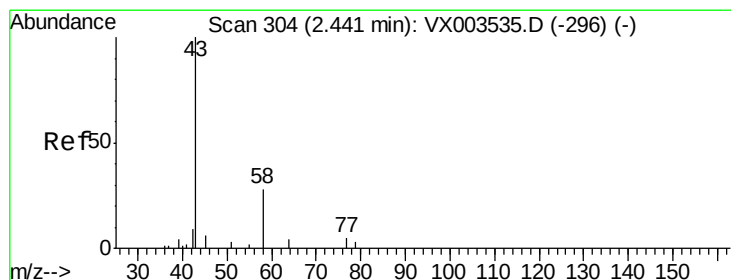
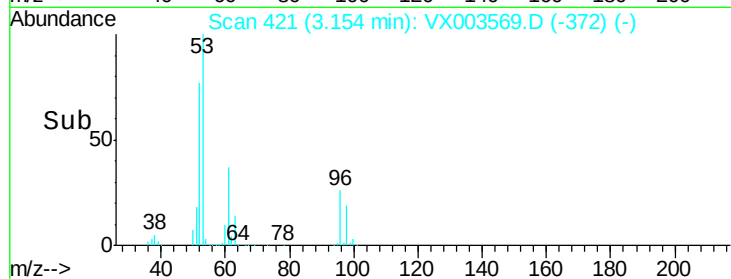
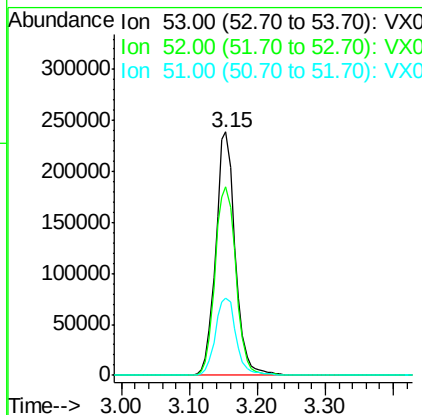
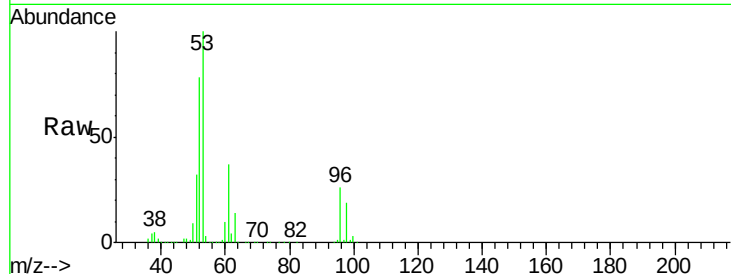
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	471718
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.7	100.1
51	34.2	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 293.04 ug/l

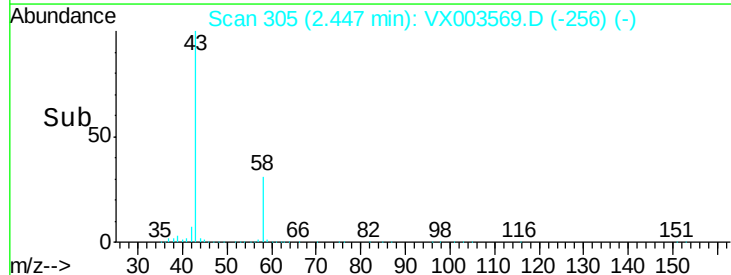
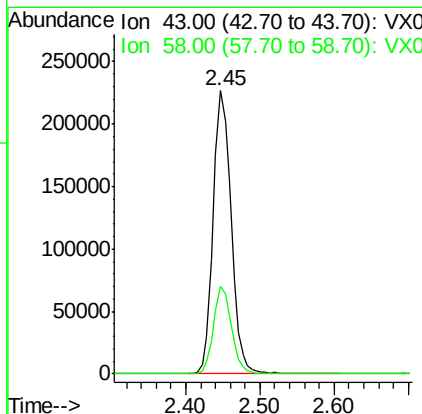
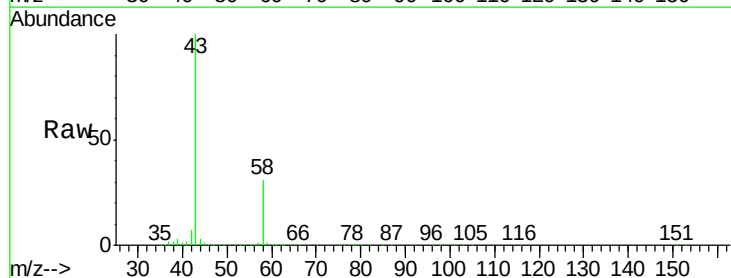
RT: 2.45 min Scan# 305

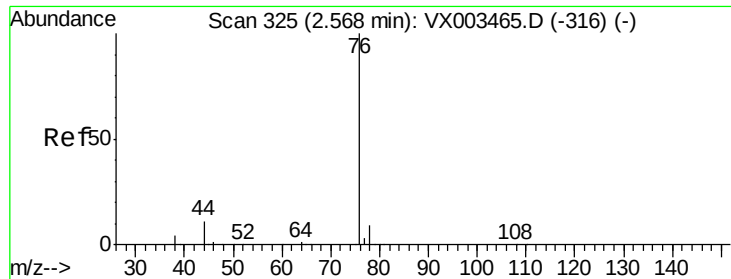
Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Tgt Ion:	43	Resp:	376413
Ion	Ratio	Lower	Upper
43	100		
58	31.0	22.1	33.1





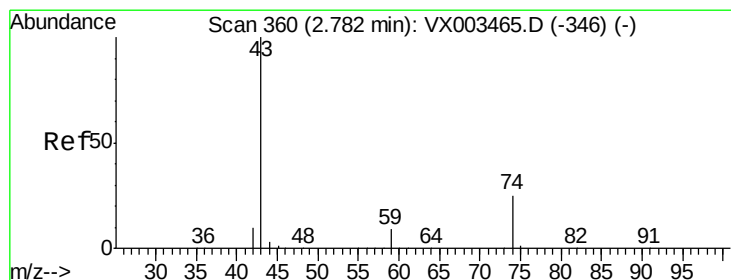
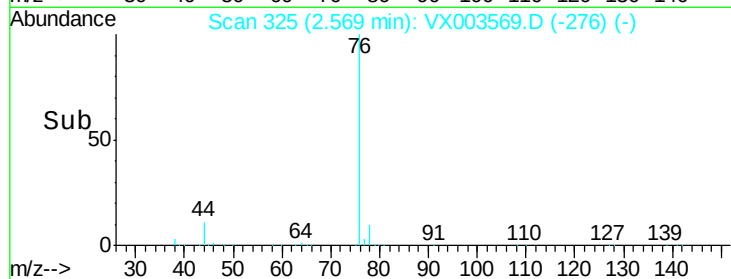
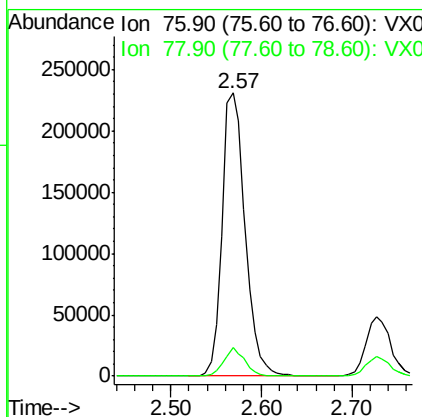
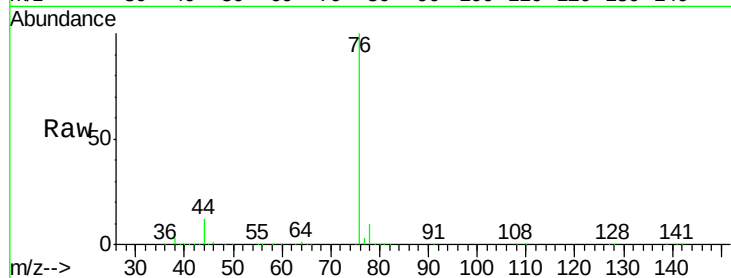
#17
Carbon Disulfide
Concen: 51.42 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.1	6.9	10.3

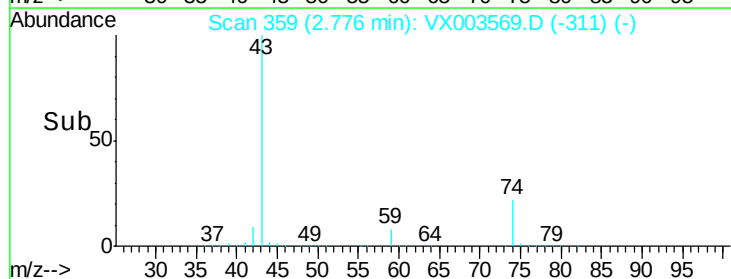
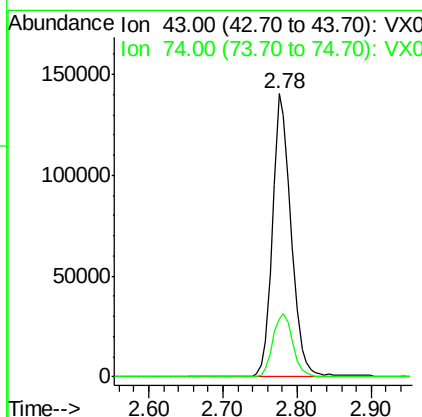
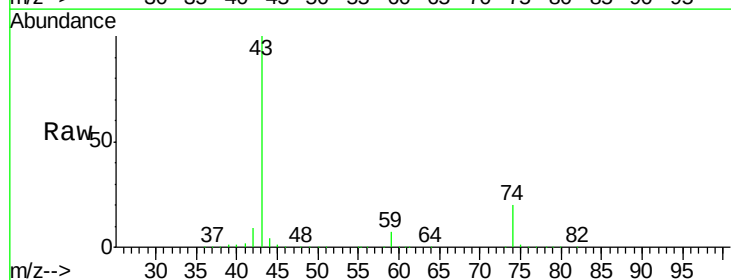
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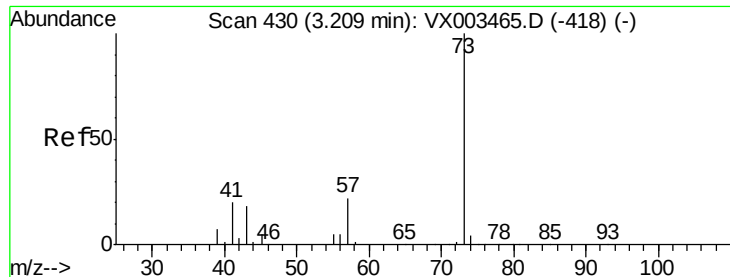
MMDadoda
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#18
Methyl Acetate
Concen: 60.13 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.2	16.7	25.1





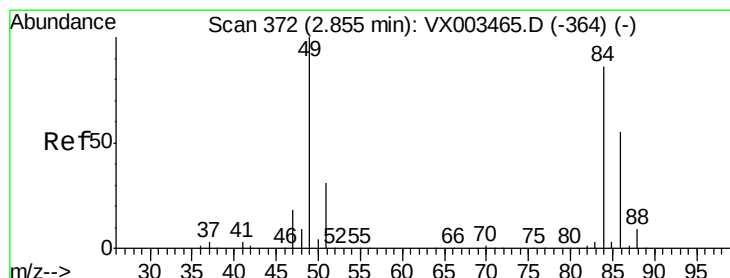
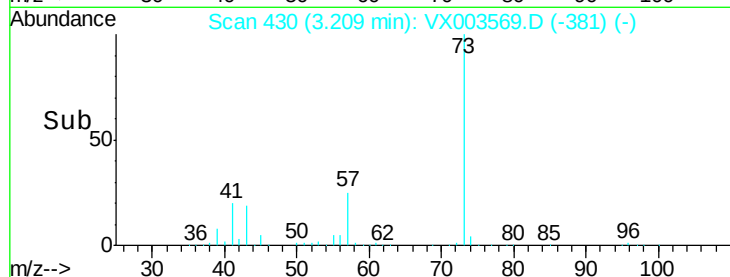
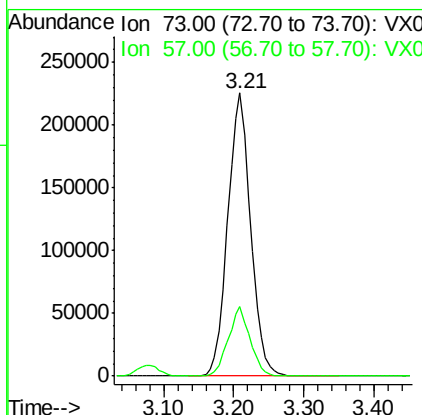
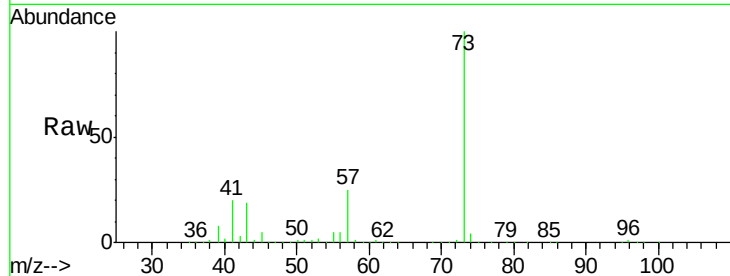
#19
Methyl tert-butyl Ether
Concen: 53.36 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 511286
Ion Ratio Lower Upper
73 100
57 24.6 17.7 26.5

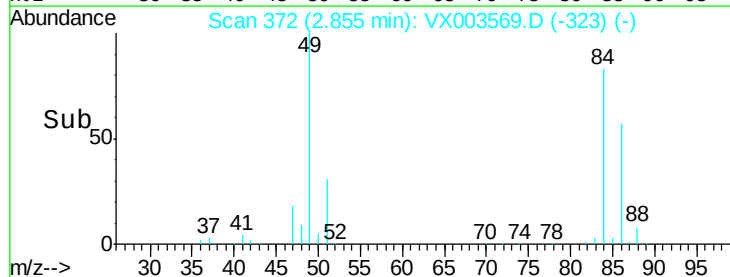
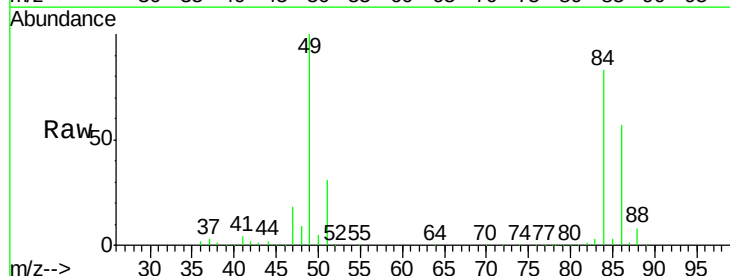
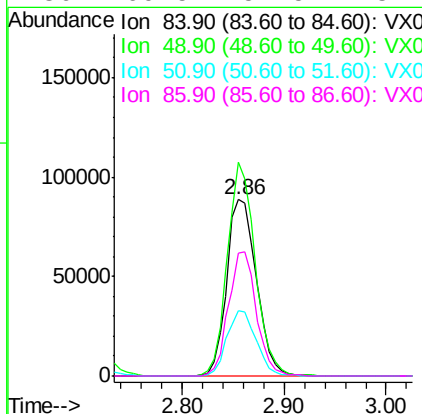
Manual Integrations
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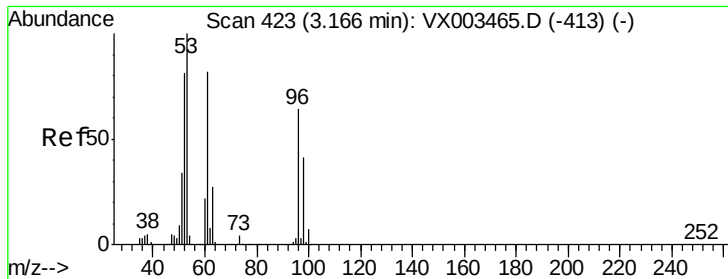
MMDadoda
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#20
Methylene Chloride
Concen: 56.94 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Tgt Ion: 84 Resp: 178444
Ion Ratio Lower Upper
84 100
49 121.1 107.8 161.6
51 37.1 32.8 49.2
86 69.5 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 51.62 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

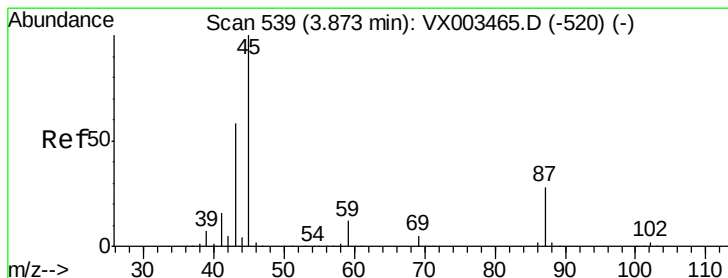
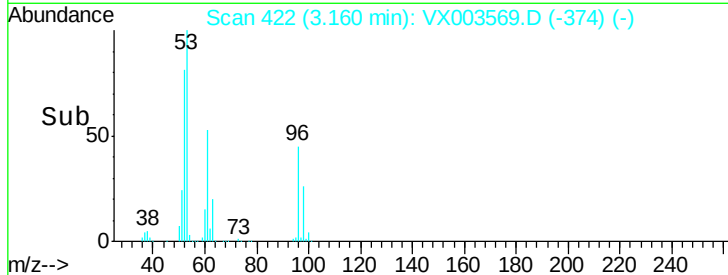
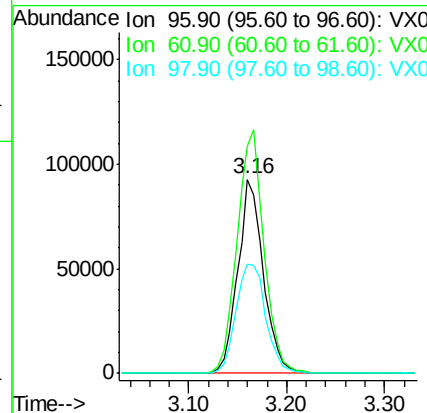
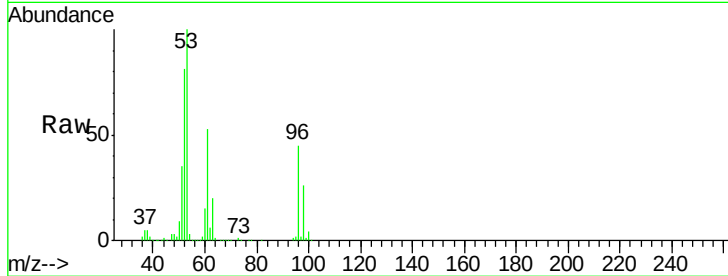
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	168539
Ion Ratio	Lower	Upper	
96	100		
61	117.1	117.0	175.4
98	56.2	52.4	78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 58.89 ug/l

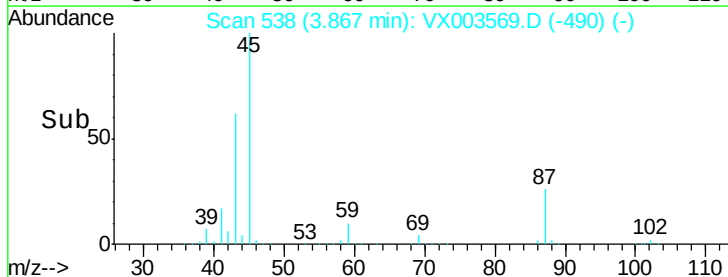
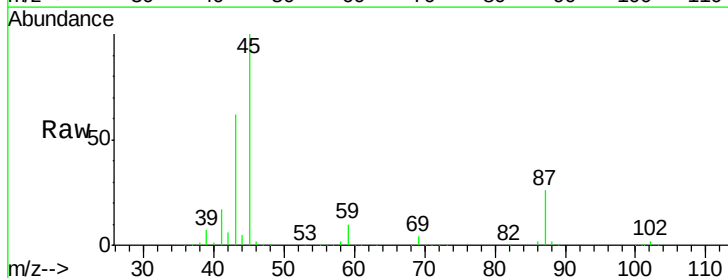
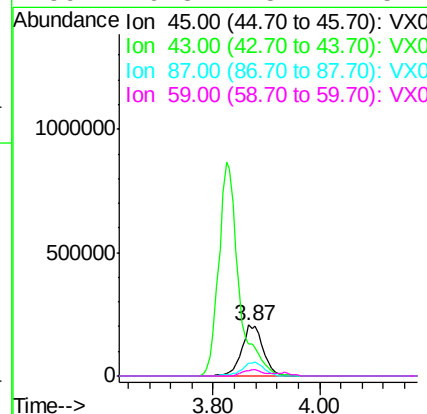
RT: 3.87 min Scan# 538

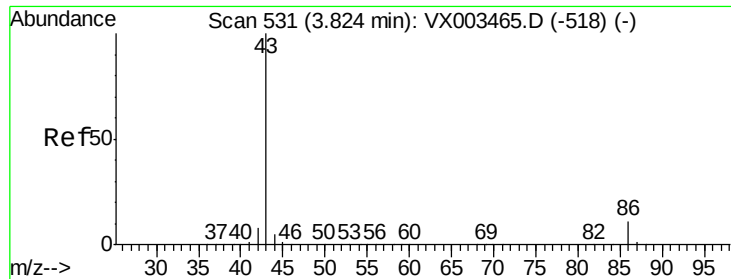
Delta R.T. -0.01 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Tgt Ion:	45	Resp:	575600
Ion Ratio	Lower	Upper	
45	100		
43	62.1	46.8	70.2
87	25.6	20.2	30.4
59	10.3	8.7	13.1





#23

Vinyl Acetate

Concen: 281.13 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2263338

Ion Ratio Lower Upper

43 100

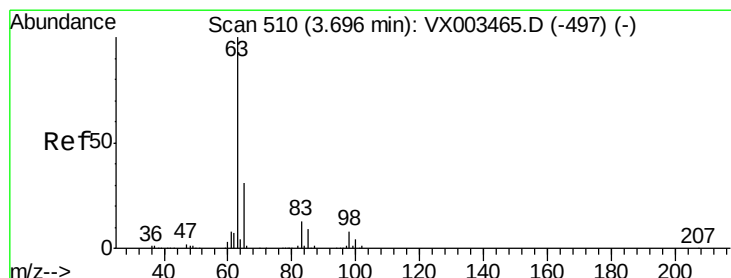
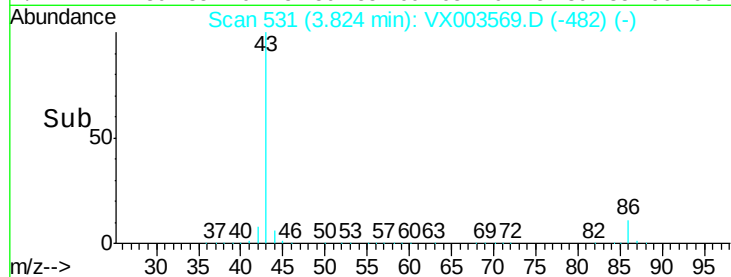
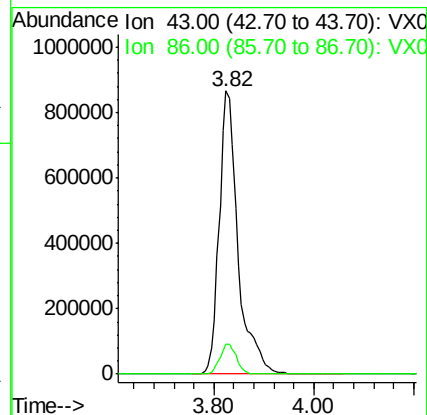
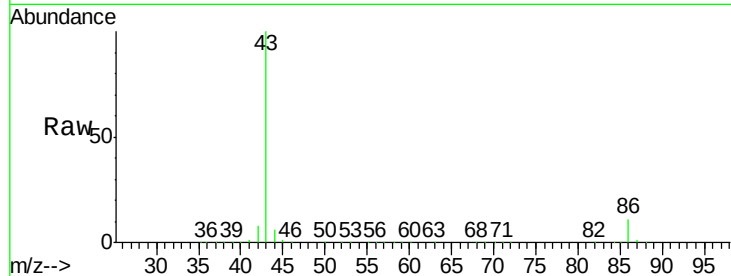
86 10.7 7.4 11.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 56.08 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

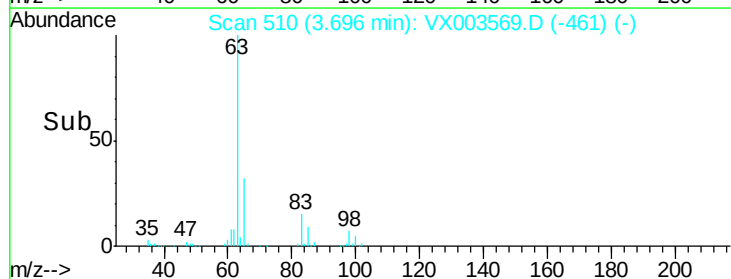
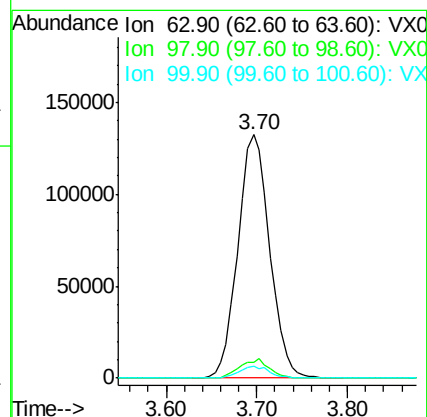
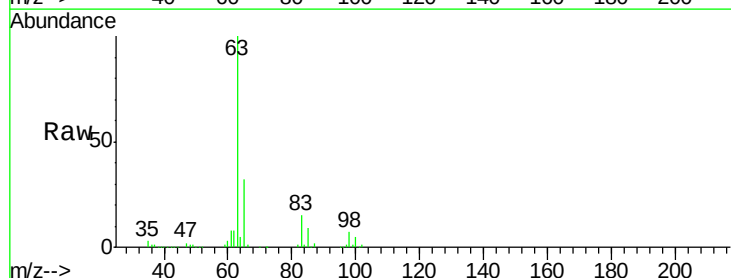
Tgt Ion: 63 Resp: 321579

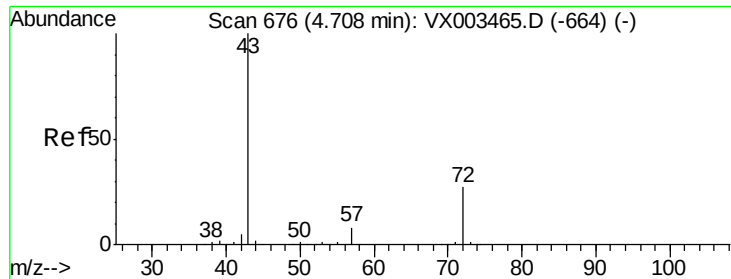
Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.8 2.0 6.0





#25

2-Butanone

Concen: 290.27 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 625580

Ion Ratio Lower Upper

43 100

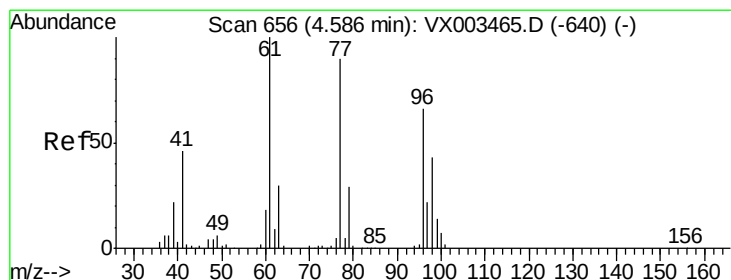
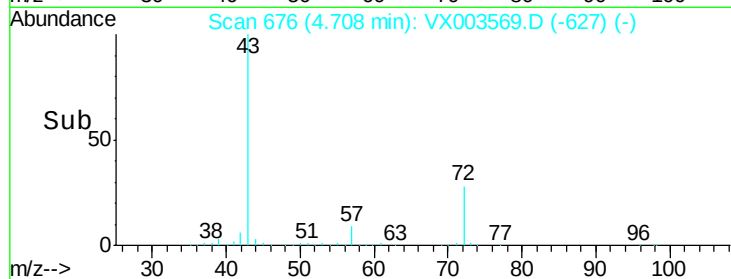
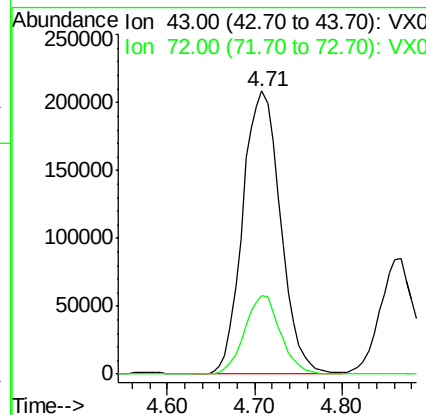
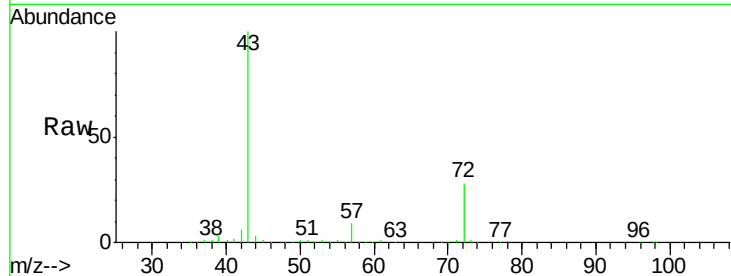
72 27.8 18.5 27.7#

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.47 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003569.D

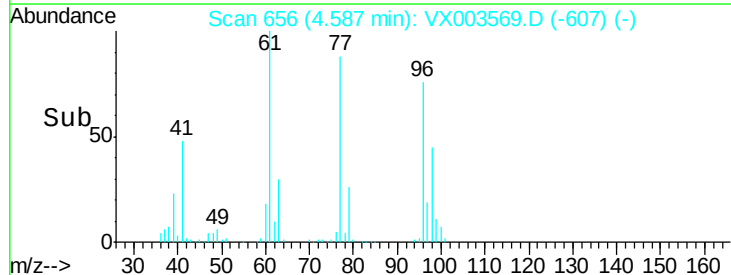
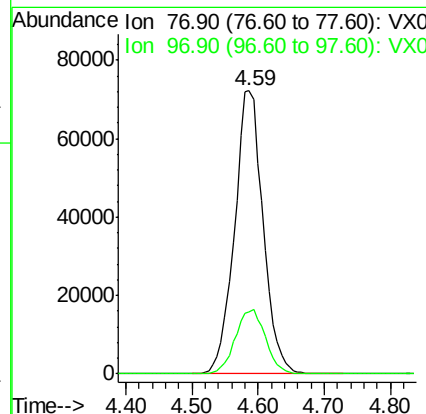
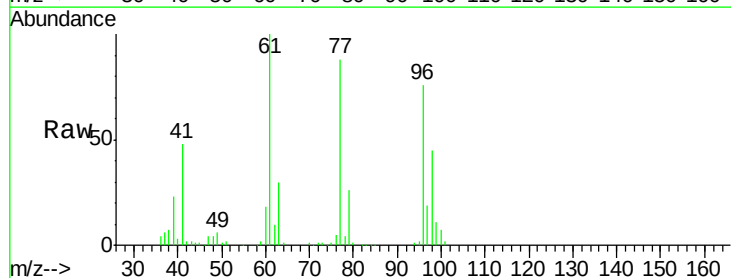
Acq: 21 Jul 2018 21:58

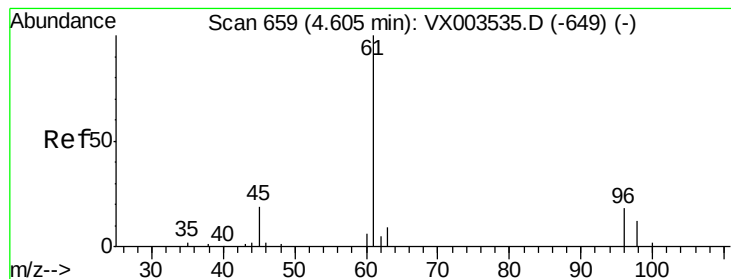
Tgt Ion: 77 Resp: 215462

Ion Ratio Lower Upper

77 100

97 24.2 11.2 33.5





#27

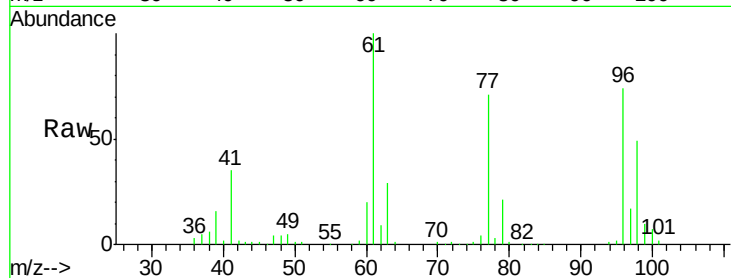
cis-1,2-Dichloroethene
Concen: 55.17 ug/l
RT: 4.59 min Scan# 657
Delta R.T. -0.01 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

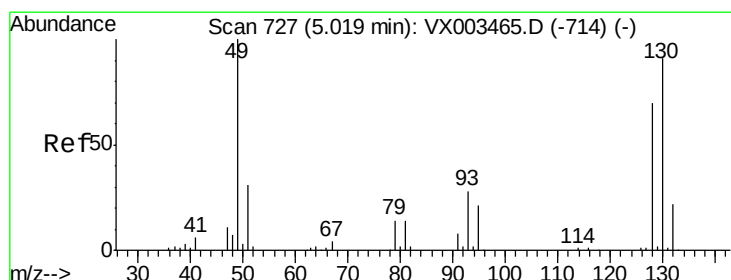
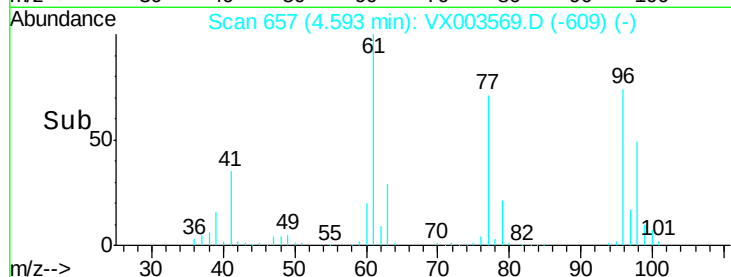
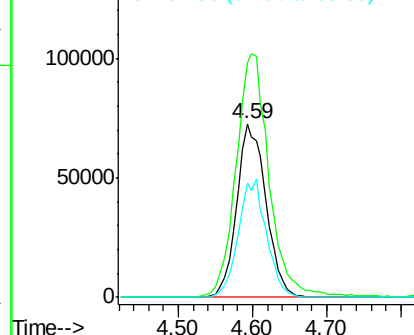
Tot Ion	Ratio	Resp	Lower	Upper
96	100	200550		
61	158.3	0.0	330.2	
98	65.6	0.0	130.2	

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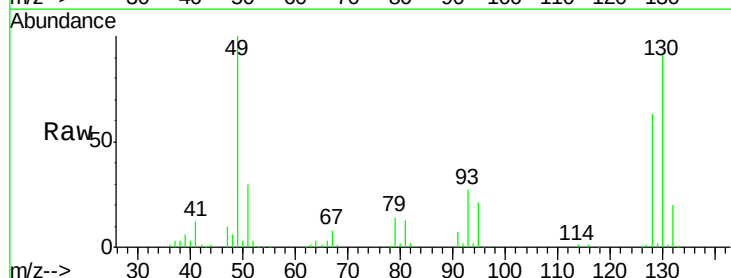
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



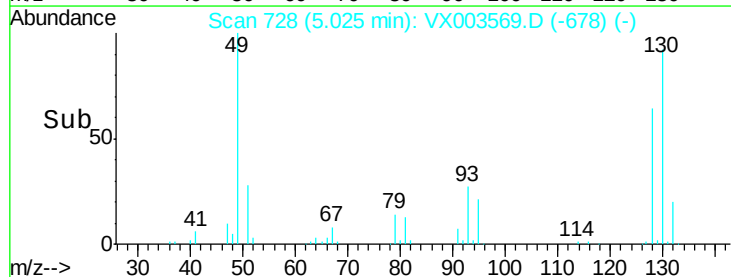
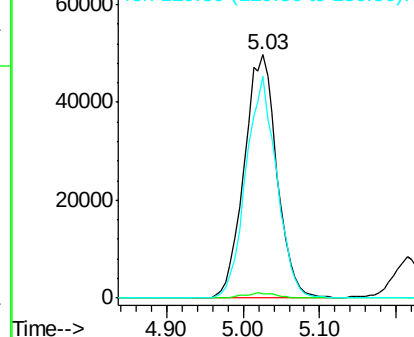
#28

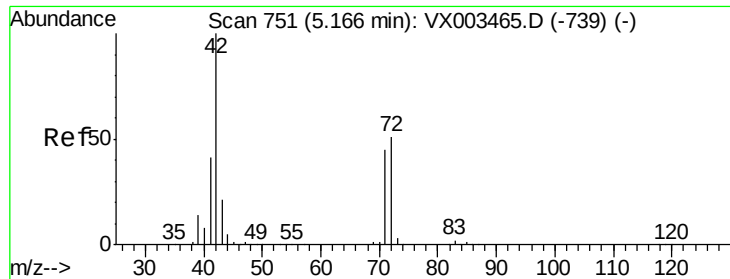
Bromochloromethane
Concen: 59.08 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.01 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	148075		
129	2.1	0.0	4.2	
130	85.7	61.2	91.8	



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 284.07 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.01 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

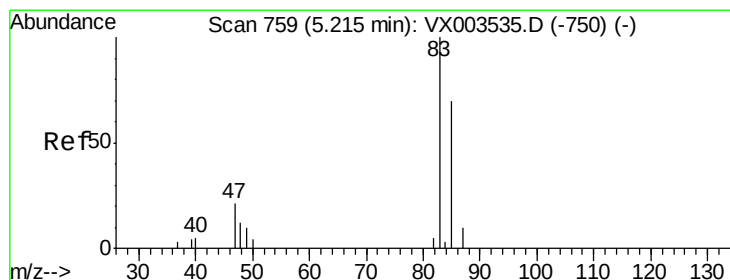
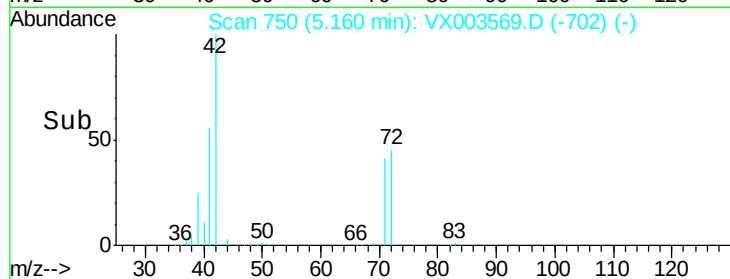
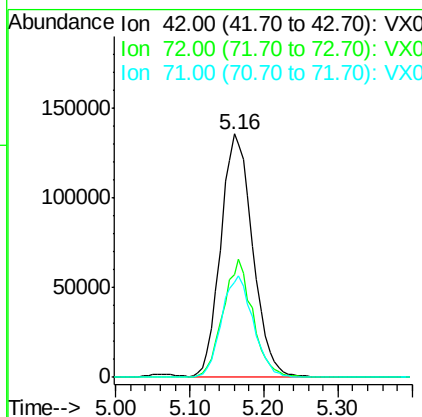
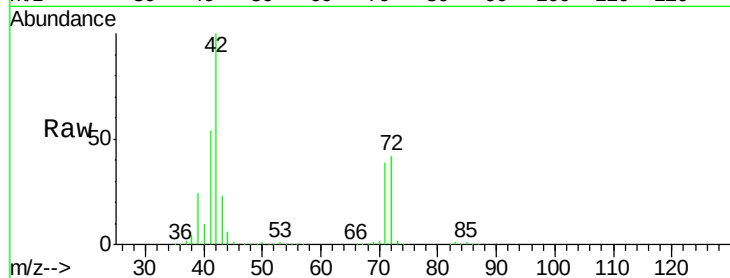
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	404428
Ion	Ratio	Lower	Upper
42	100		
72	45.2	32.0	48.0
71	41.5	30.1	45.1

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7/23/2018 3:19:47 PM



#30

Chloroform

Concen: 58.55 ug/l

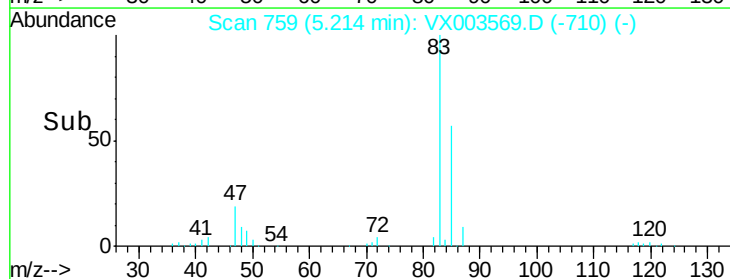
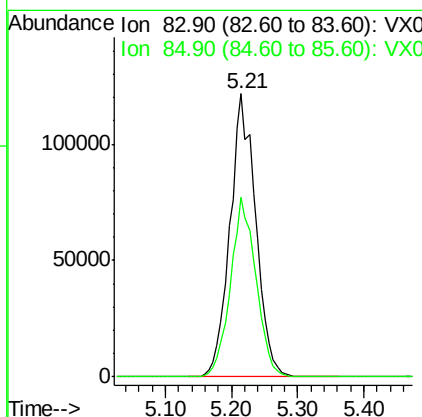
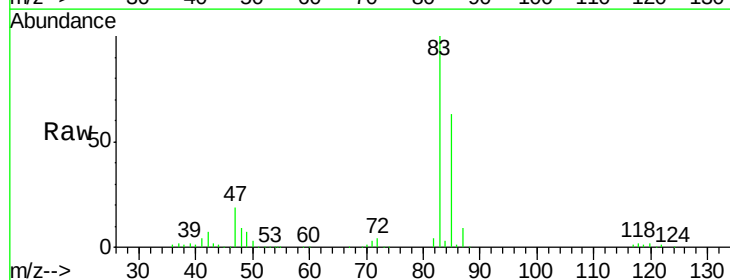
RT: 5.21 min Scan# 759

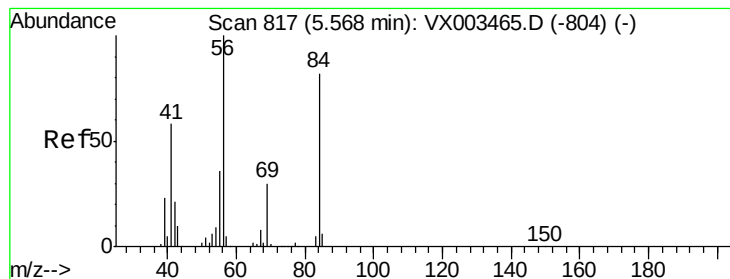
Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Tgt Ion:	83	Resp:	327857
Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.4	75.6





#31

Cyclohexane

Concen: 54.41 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

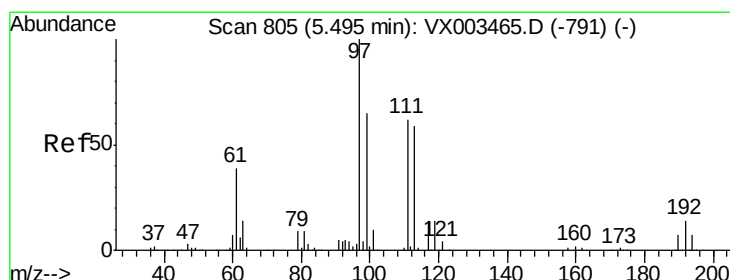
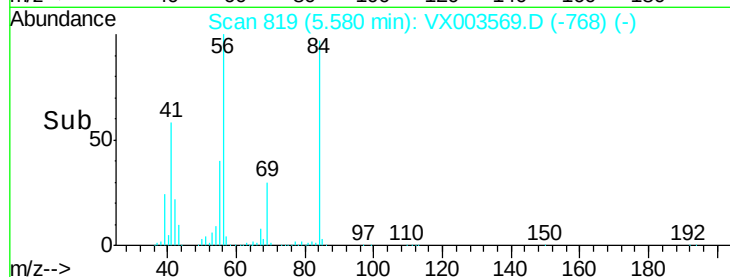
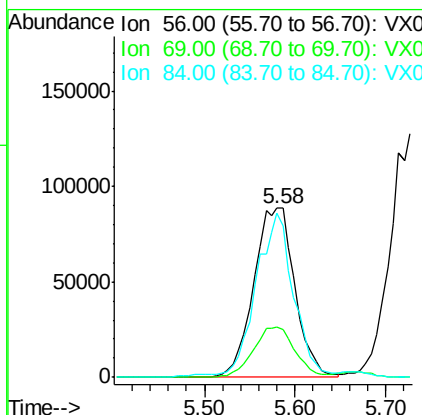
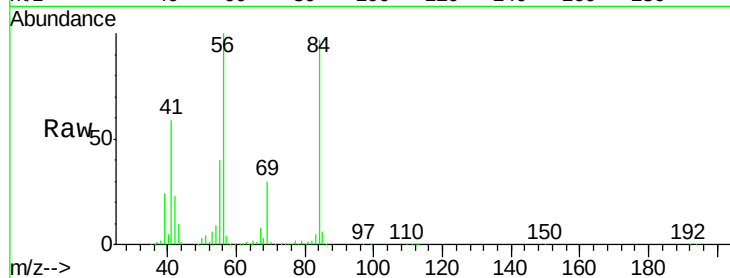
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	278766
Ion Ratio	Lower	Upper	
56	100		
69	29.6	23.7	35.5
84	96.0	64.1	96.1

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#32

1,1,1-Trichloroethane

Concen: 57.54 ug/l

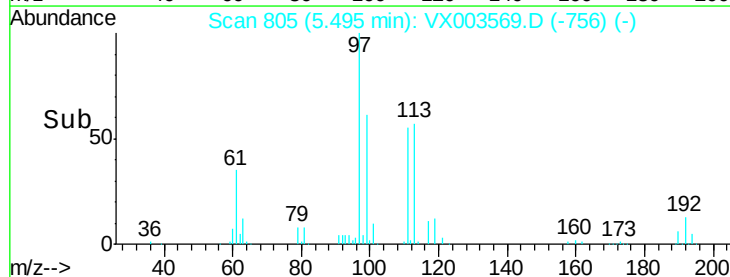
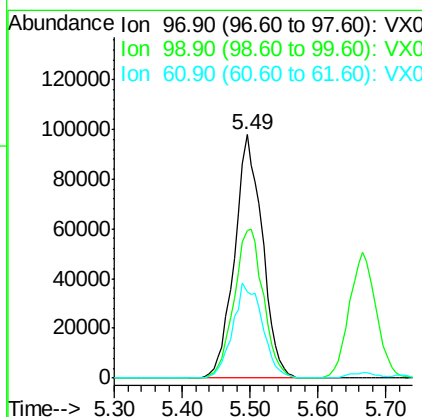
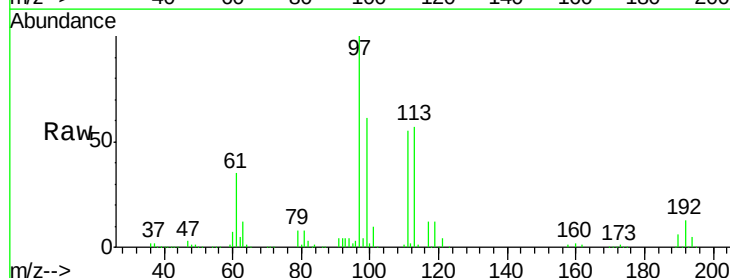
RT: 5.49 min Scan# 805

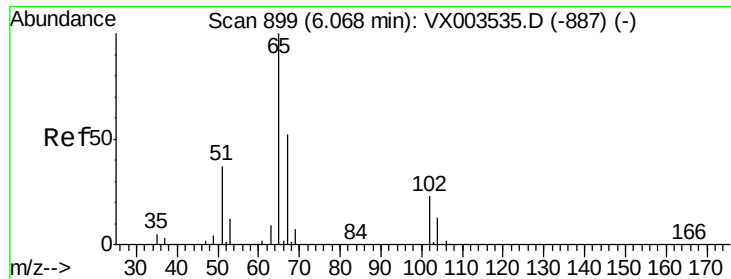
Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Tgt Ion:	97	Resp:	275905
Ion Ratio	Lower	Upper	
97	100		
99	64.5	51.6	77.4
61	41.8	36.4	54.6





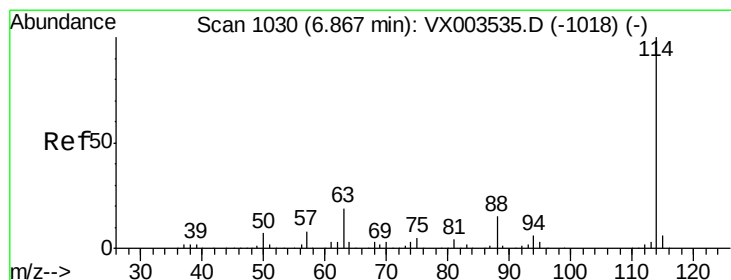
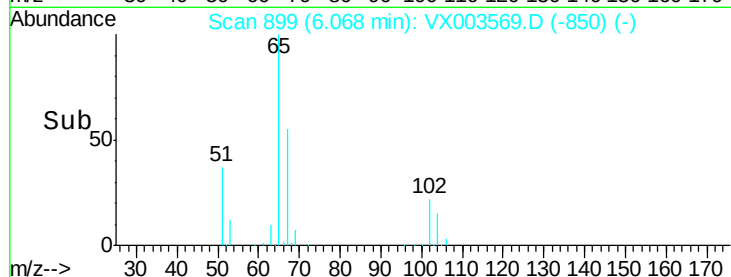
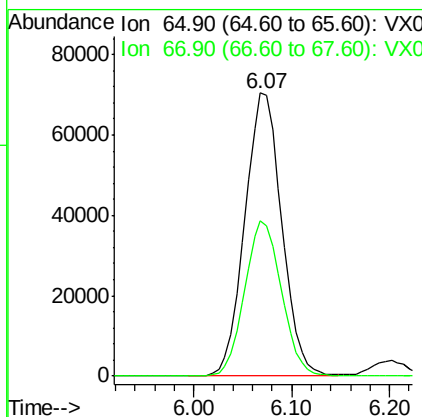
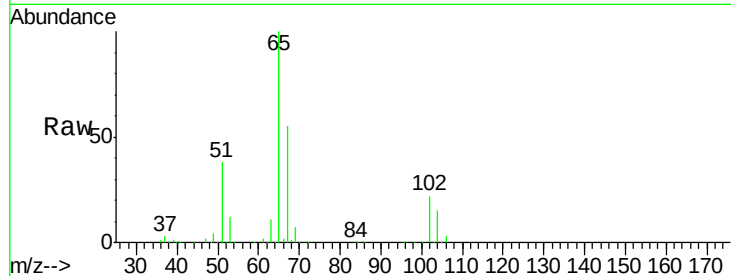
#33
 1,2-Dichloroethane-d4
 Concen: 54.36 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003569.D
 Acq: 21 Jul 2018 21:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	184850		
67	54.7	0.0	102.6	

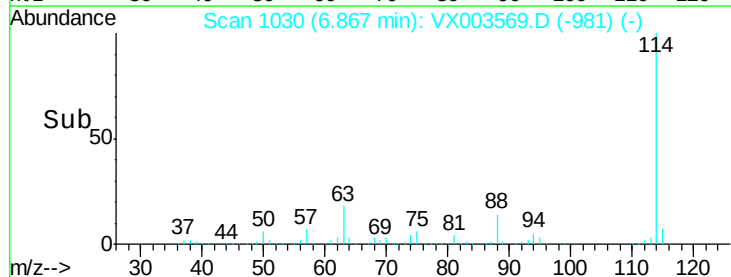
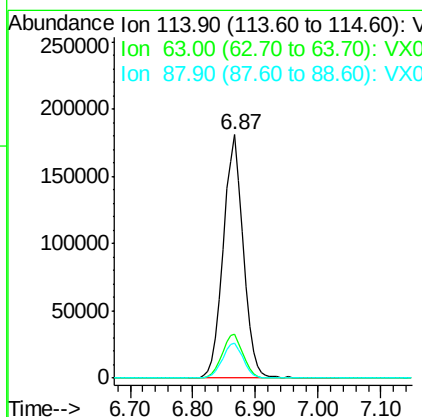
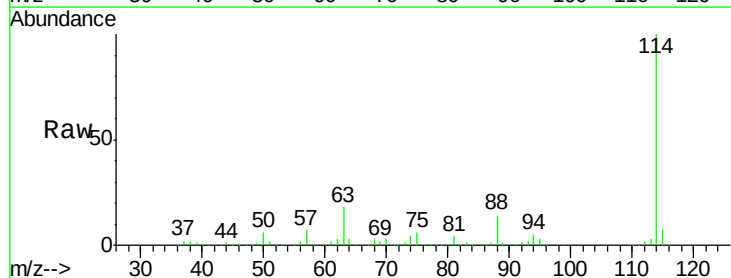
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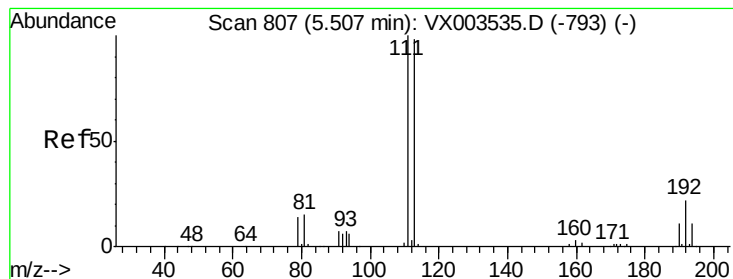
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003569.D
 Acq: 21 Jul 2018 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	401017		
63	18.1	0.0	41.4	
88	14.3	0.0	30.0	





#35

Dibromofluoromethane

Concen: 57.80 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

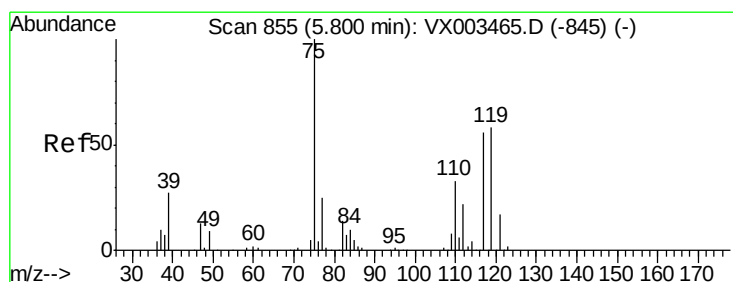
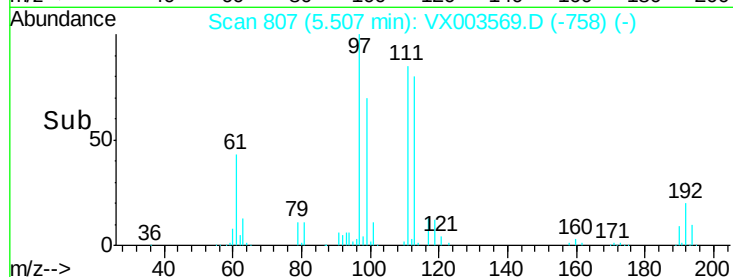
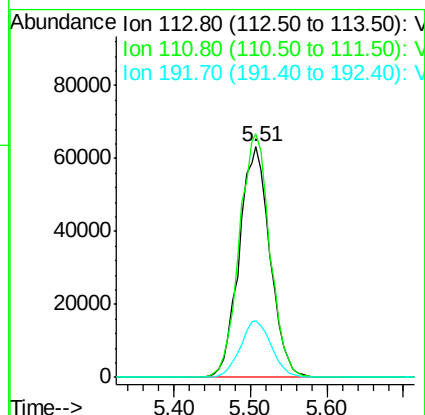
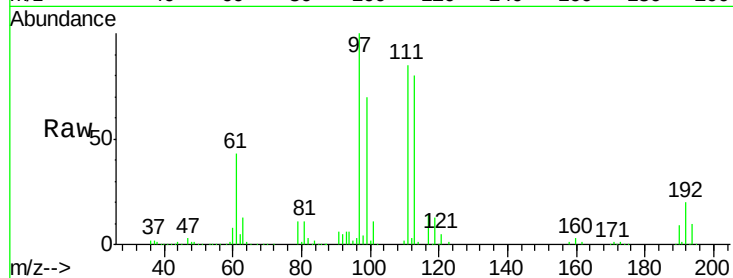
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	176534
Ion	Ratio	Lower	Upper
113	100		
111	105.0	81.4	122.0
192	24.5	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 52.08 ug/l

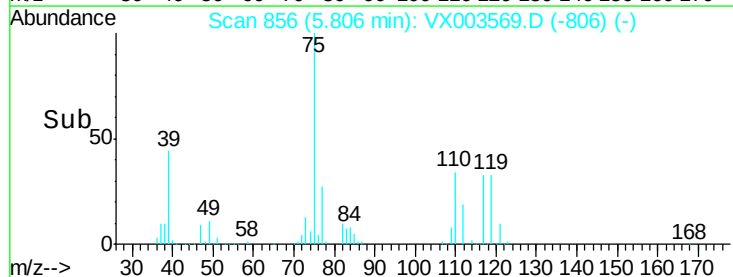
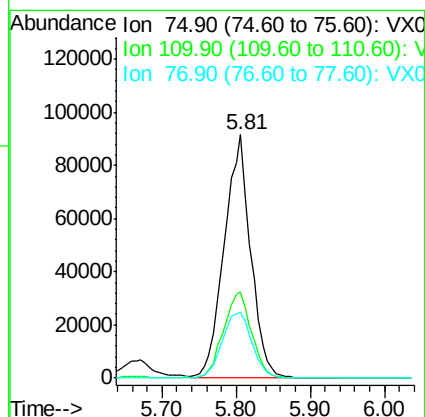
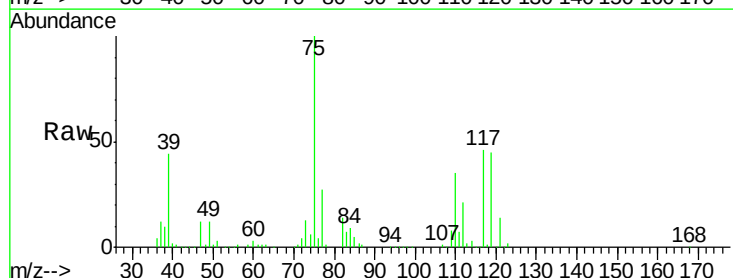
RT: 5.81 min Scan# 855

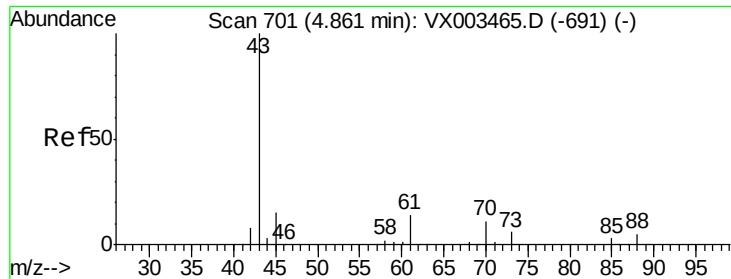
Delta R.T. 0.01 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Tgt Ion:	75	Resp:	225475
Ion	Ratio	Lower	Upper
75	100		
110	37.7	18.1	54.4
77	30.6	24.3	36.5





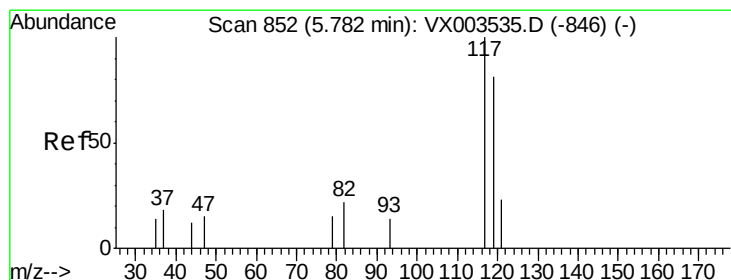
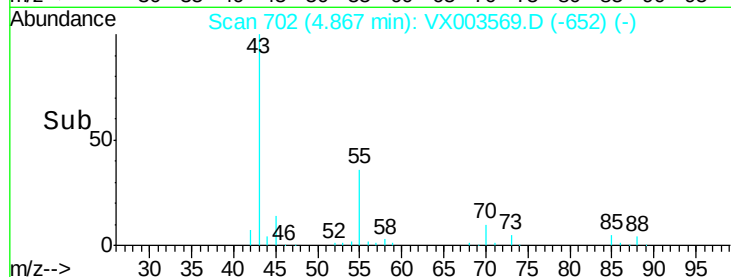
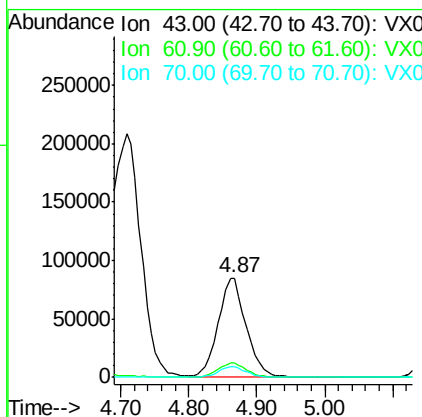
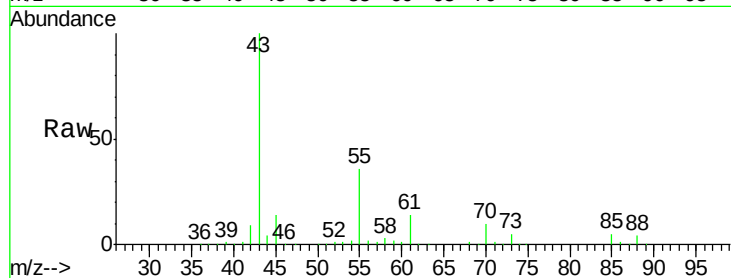
#37
Ethyl Acetate
Concen: 58.74 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.01 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.4	15.6
70	11.0	7.6	11.4

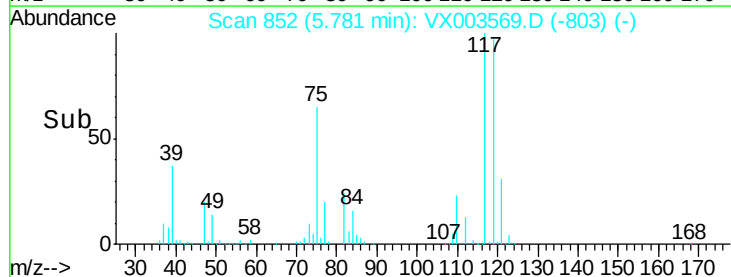
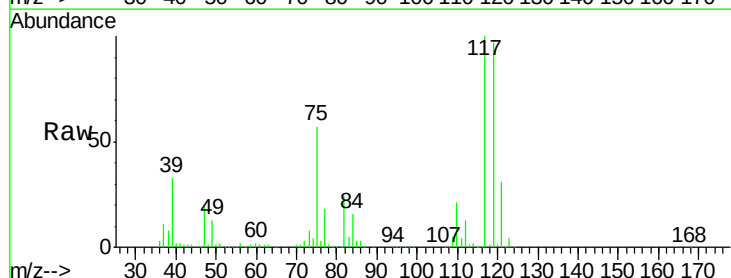
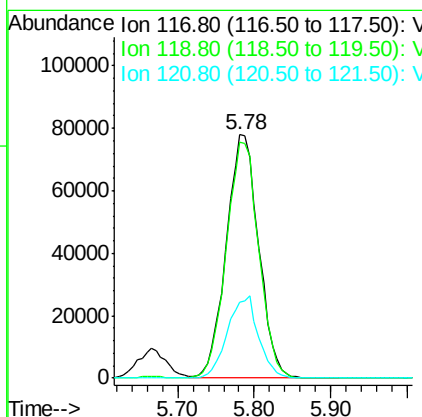
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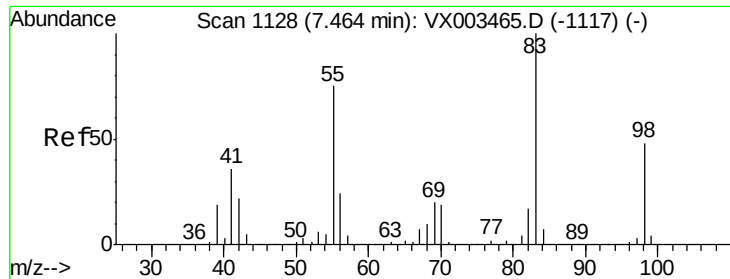
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#38
Carbon Tetrachloride
Concen: 53.80 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.4	116.0
121	31.1	24.4	36.6





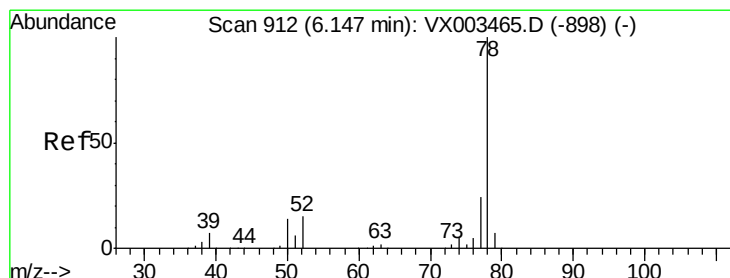
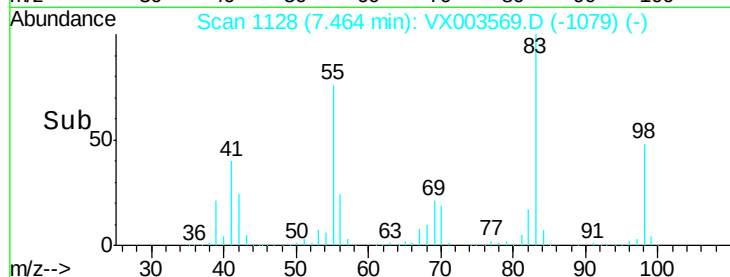
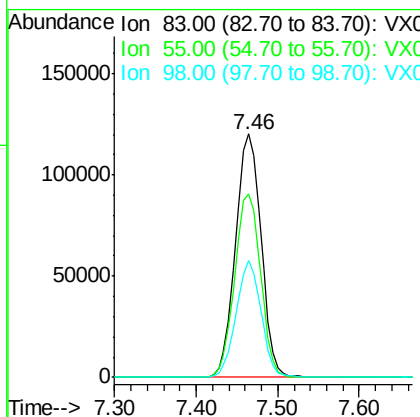
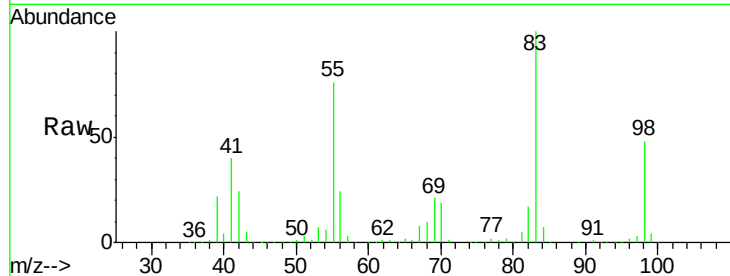
#39
Methylvlcyclohexane
Concen: 50.65 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	75.6	65.4	98.0	
98	47.8	37.4	56.0	

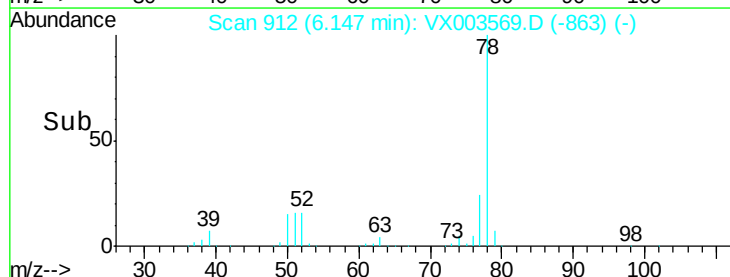
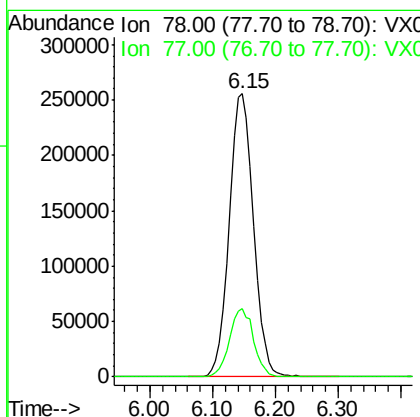
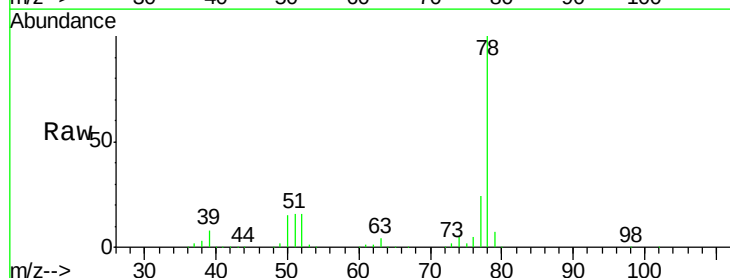
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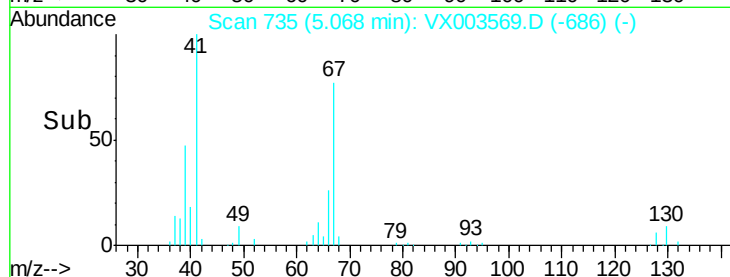
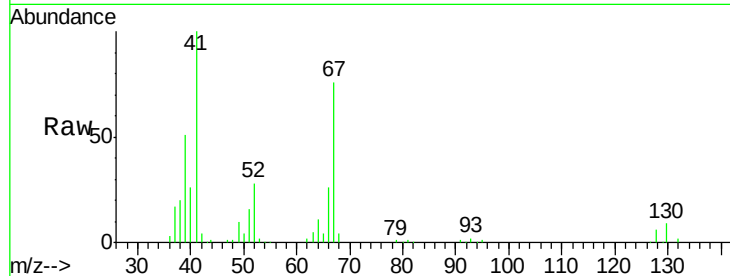
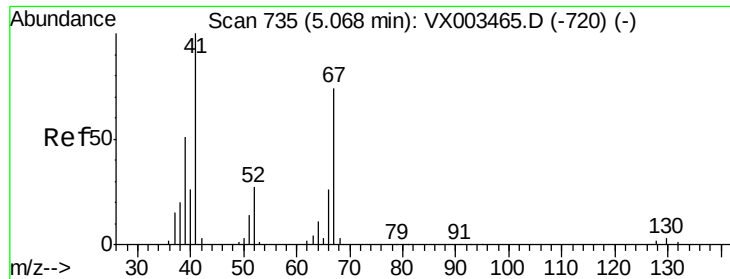
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#40
Benzene
Concen: 52.19 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

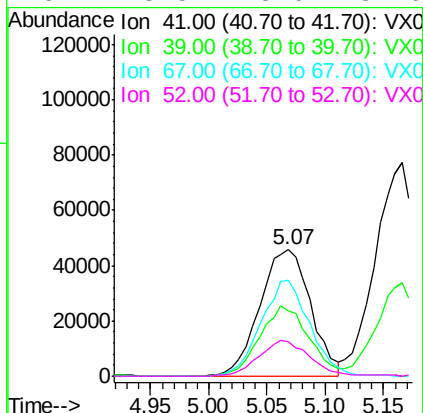
Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.3	19.1	28.7	





#41
Methacrylonitrile
Concen: 57.32 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

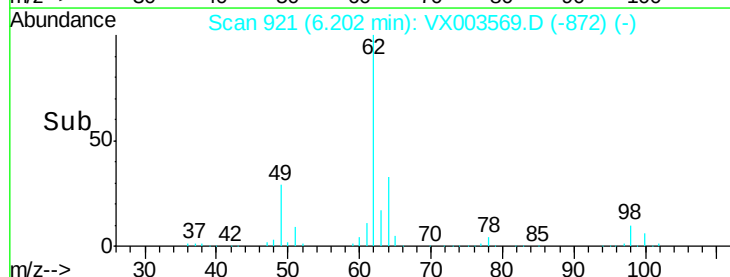
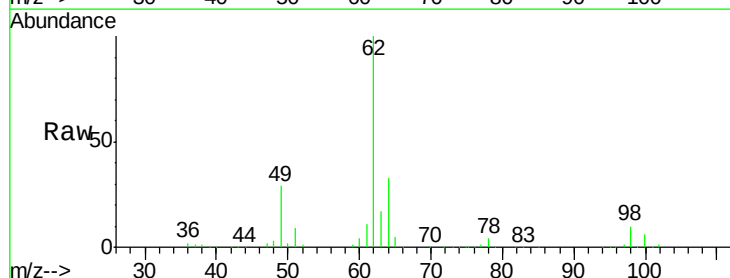
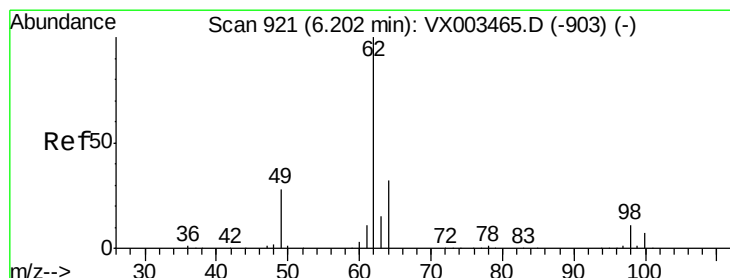
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.4	45.8	68.6	
67	72.9	51.3	76.9	
52	28.5	23.0	34.6	



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

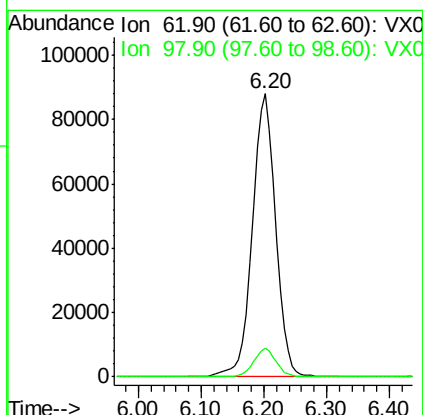
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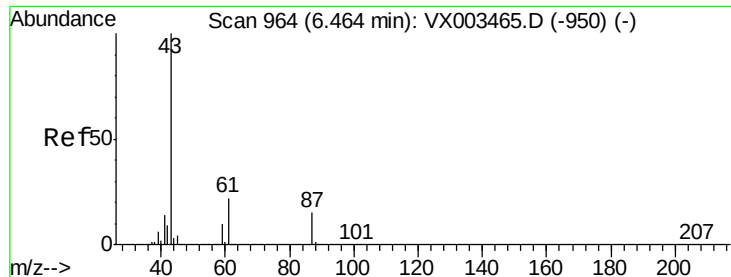
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#42
1,2-Dichloroethane
Concen: 54.99 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.7	0.0	16.6	





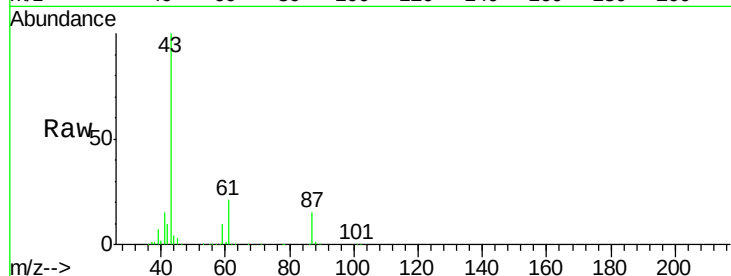
#43
Isopropyl Acetate
Concen: 54.13 ug/l
RT: 6.46 min Scan# 964
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

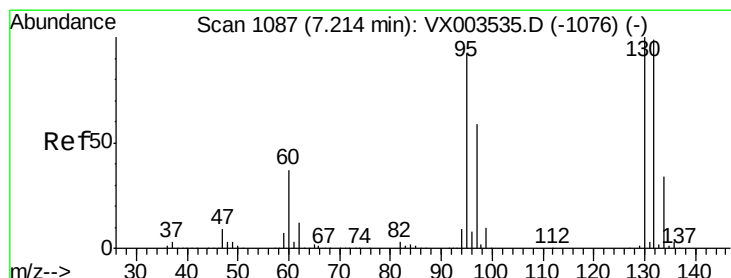
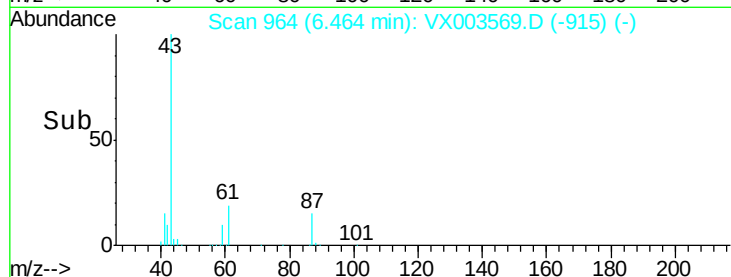
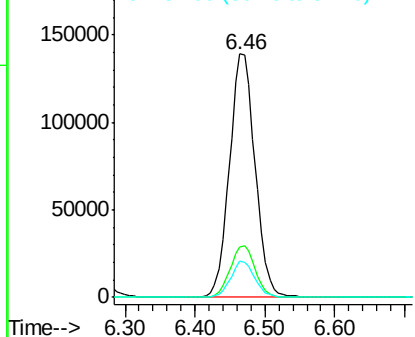
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.9	14.4	21.6
87	14.0	9.5	14.3

Manual Integrations
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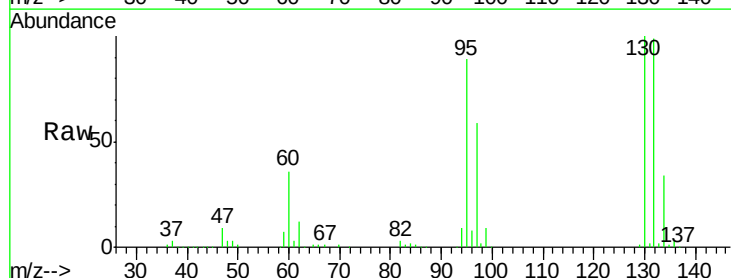


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

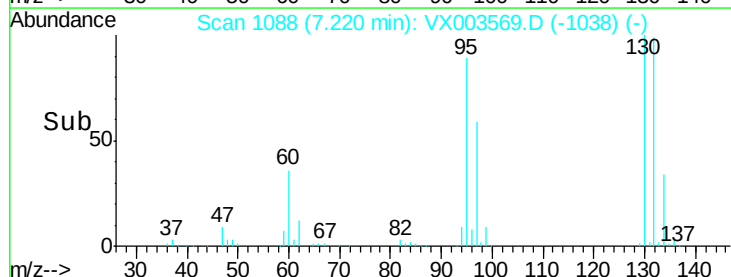
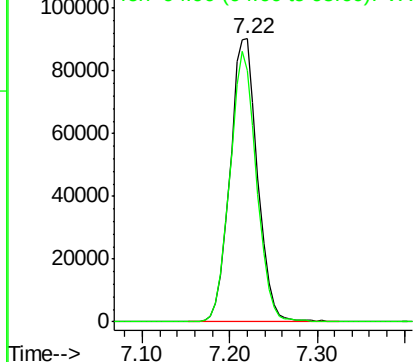


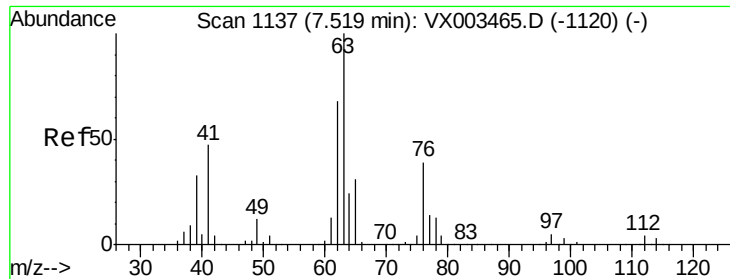
#44
Trichloroethene
Concen: 50.57 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.8	0.0	185.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





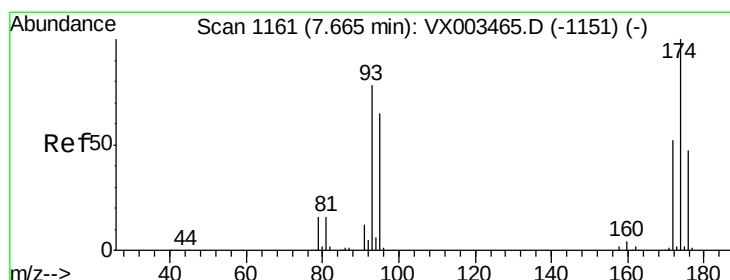
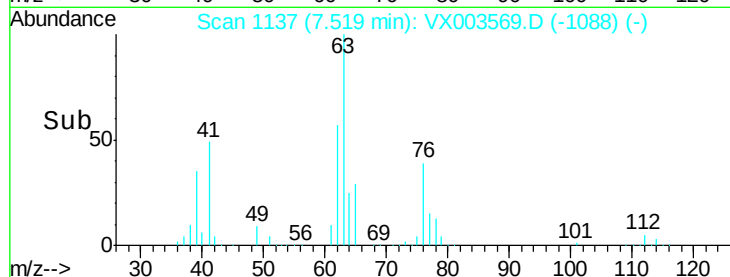
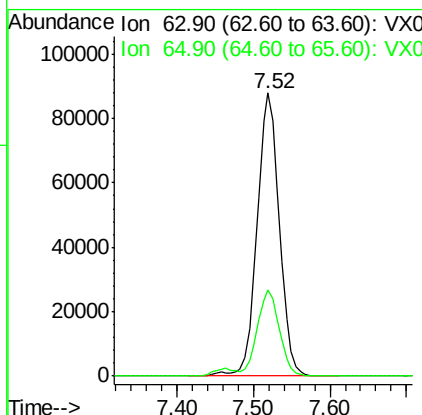
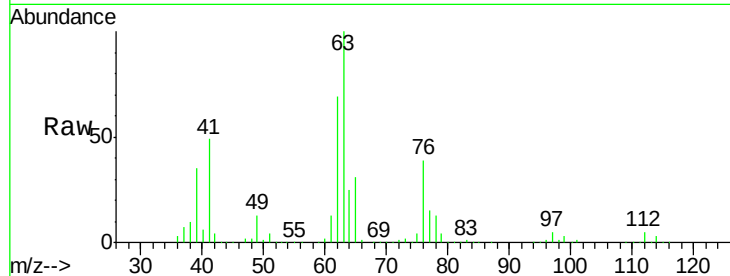
#45
 1,2-Dichloropropane
 Concen: 54.02 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003569.D
 Acq: 21 Jul 2018 21:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 179313
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.7 37.1

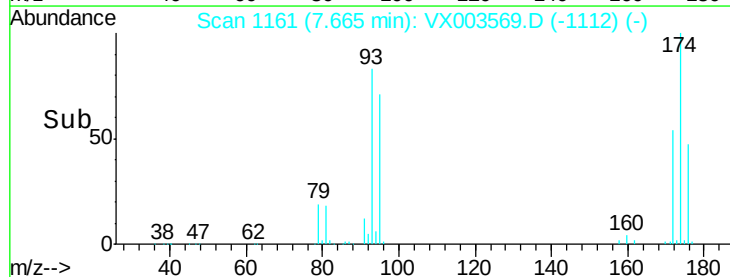
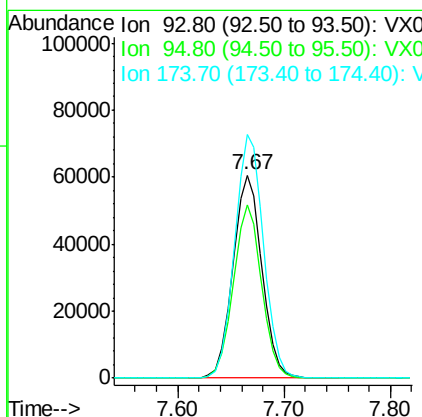
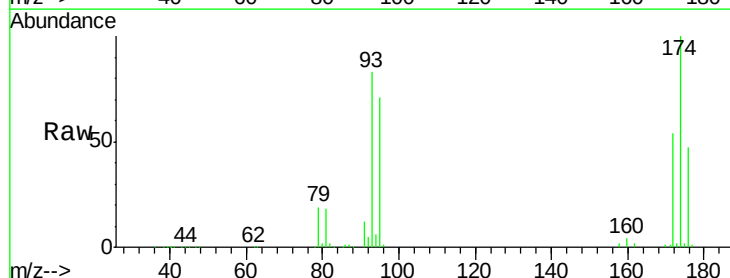
Manual Integrations
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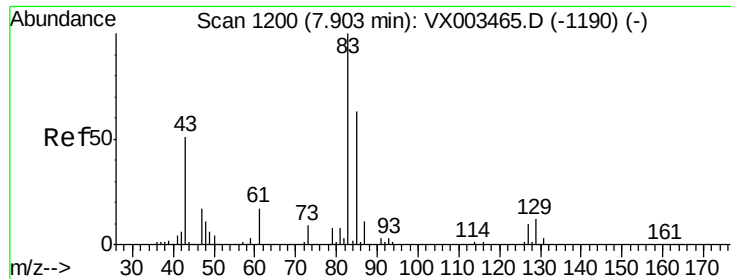
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#46
 Dibromomethane
 Concen: 54.12 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003569.D
 Acq: 21 Jul 2018 21:58

Tgt Ion: 93 Resp: 115654
 Ion Ratio Lower Upper
 93 100
 95 83.5 65.9 98.9
 174 120.0 92.4 138.6





#47

Bromodichloromethane

Concen: 55.91 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

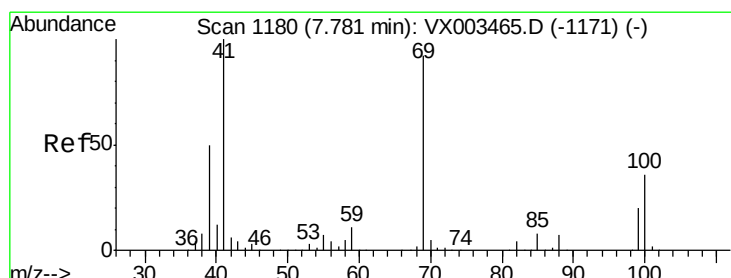
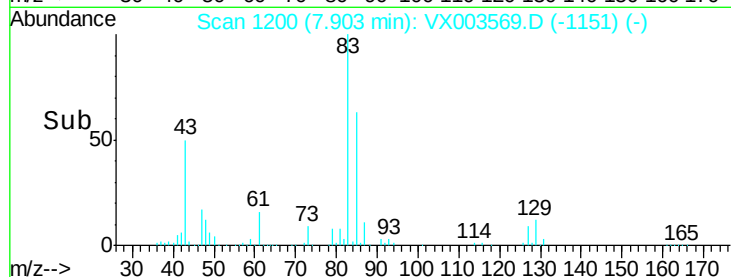
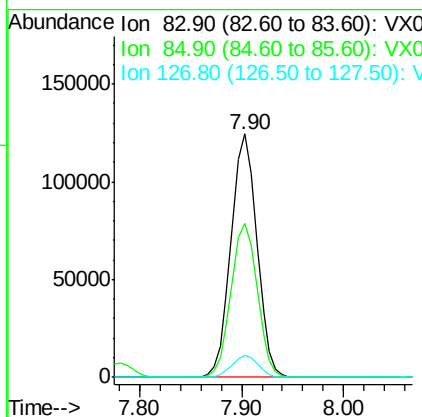
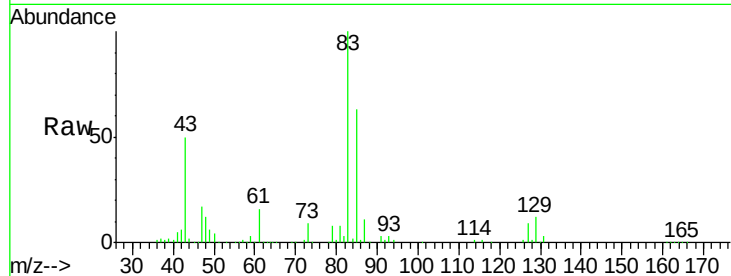
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	218724
Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.3	75.5
127	9.3	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 56.17 ug/l

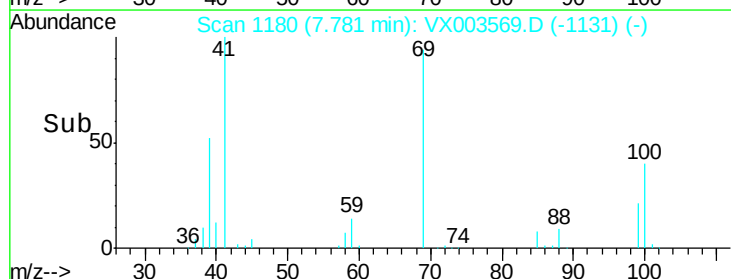
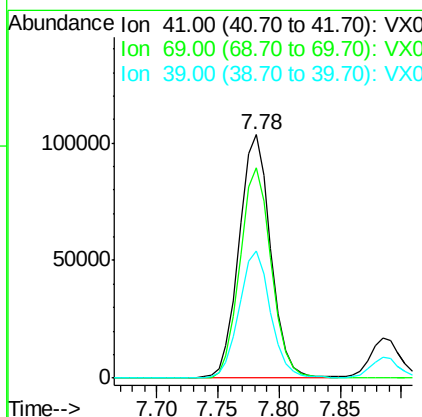
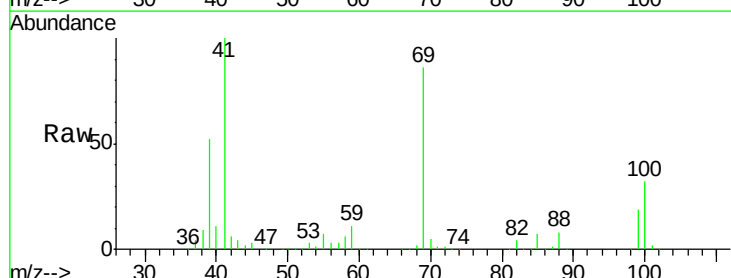
RT: 7.78 min Scan# 1180

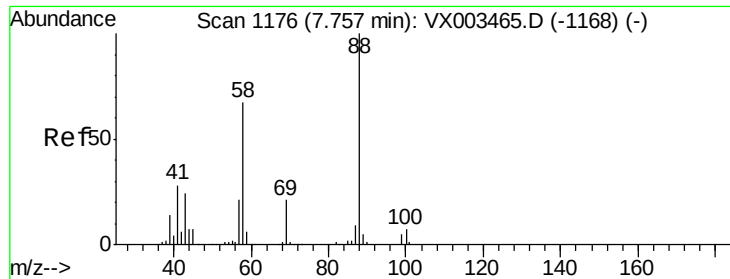
Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Tgt Ion:	41	Resp:	184610
Ion	Ratio	Lower	Upper
41	100		
69	86.6	59.1	88.7
39	51.8	48.9	73.3





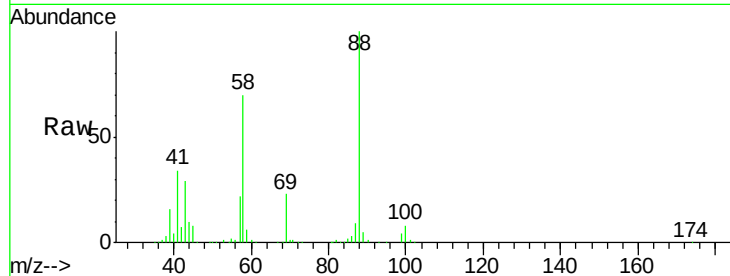
#49
1,4-Dioxane
Concen: 1052.91 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.9	29.8	44.6
58	71.4	57.1	85.7

Manual Integrations
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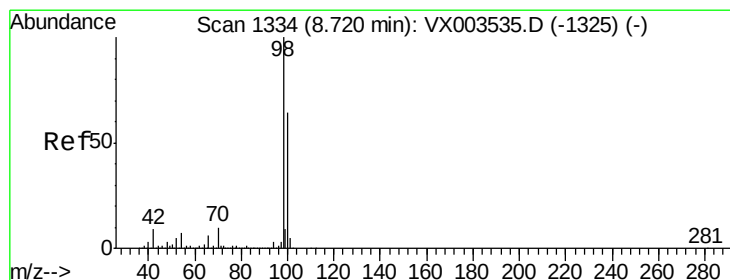
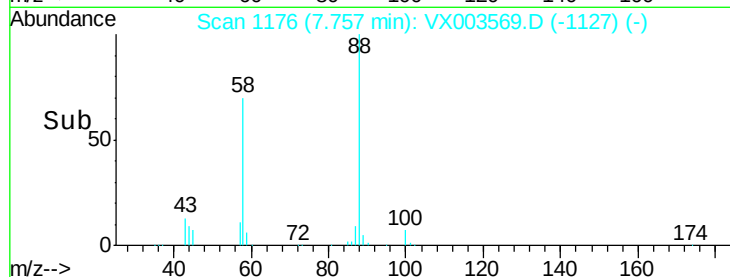
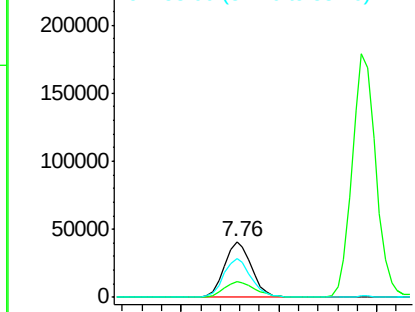


Abundance

Ion 88.00 (87.70 to 88.70): VX0

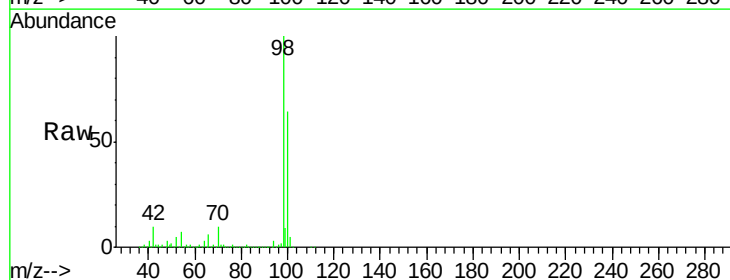
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 54.57 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

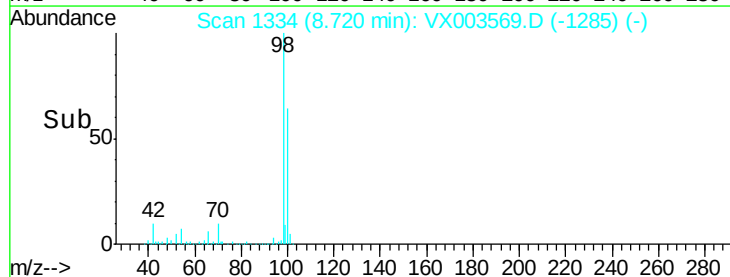
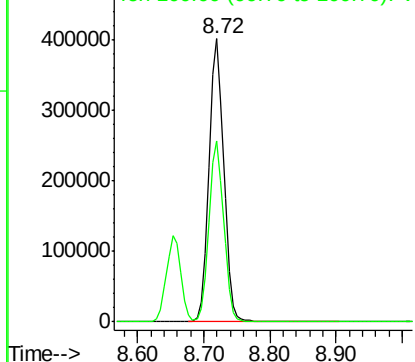
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.9	76.3

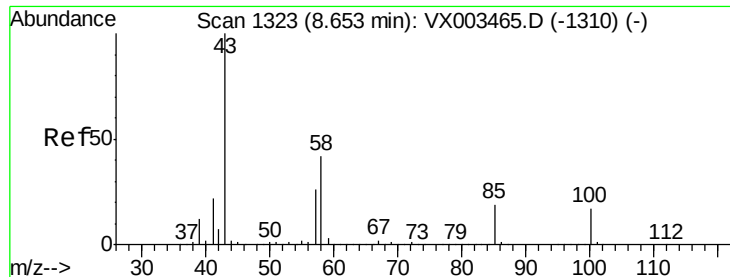


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 286.38 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1179138

Ion Ratio Lower Upper

43 100

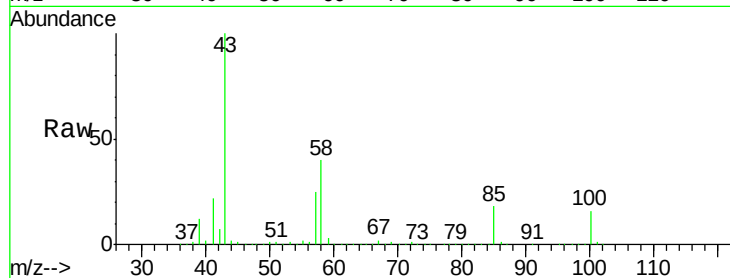
58 40.1 28.6 42.8

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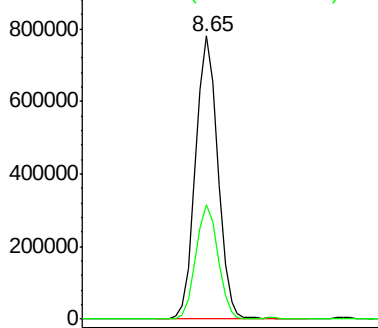
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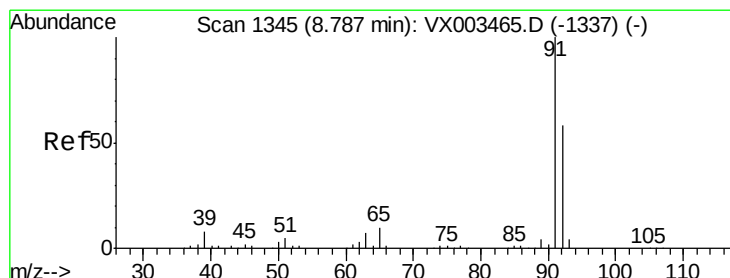
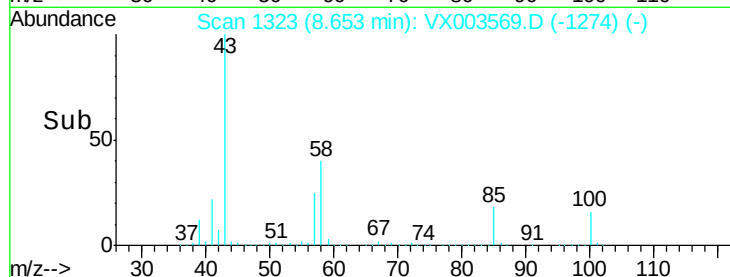


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 52.95 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003569.D

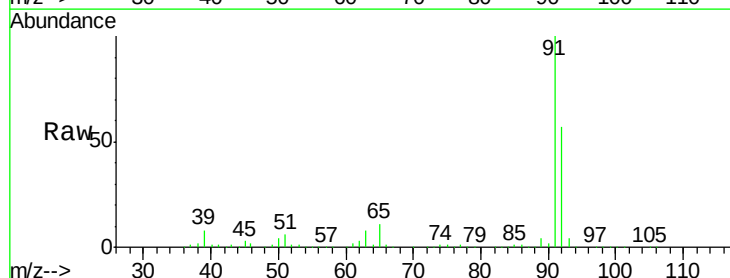
Acq: 21 Jul 2018 21:58

Tgt Ion: 92 Resp: 435698

Ion Ratio Lower Upper

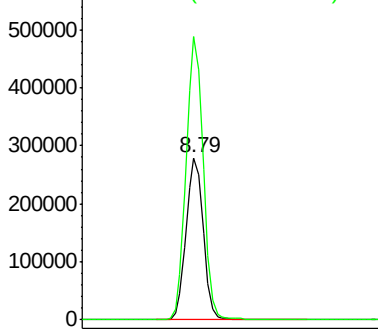
92 100

91 174.3 140.4 210.6

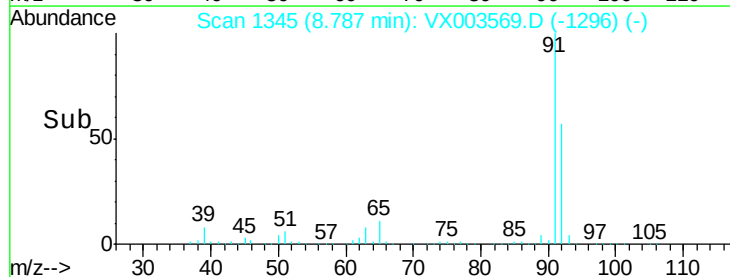


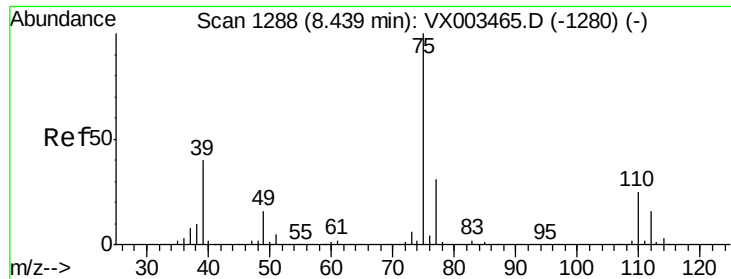
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





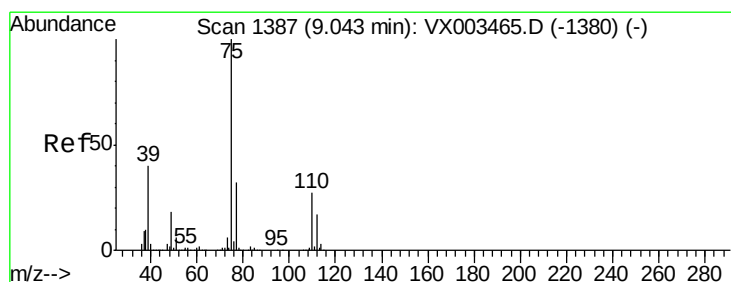
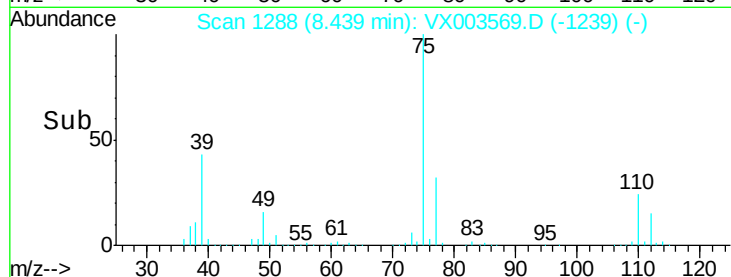
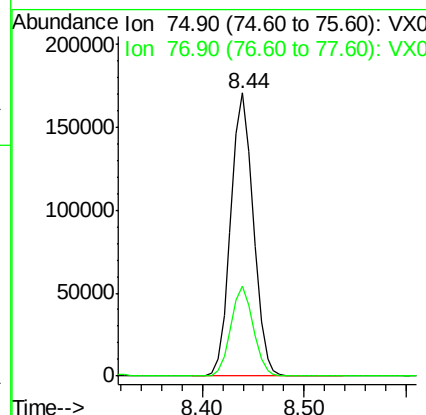
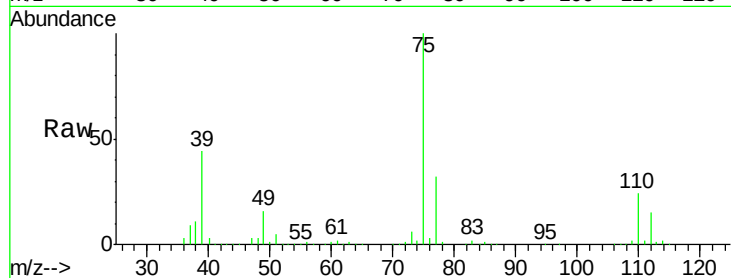
#53
t-1,3-Dichloropropene
Concen: 54.27 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
75	100	261338		
77	31.7	25.4	38.2	

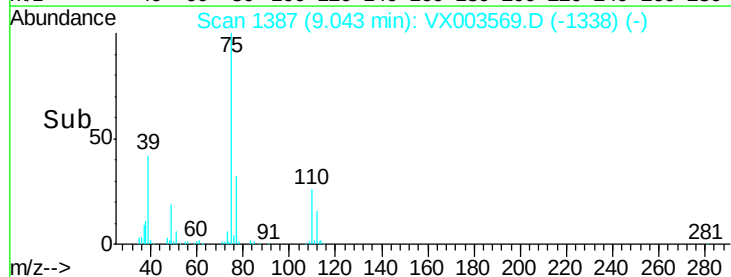
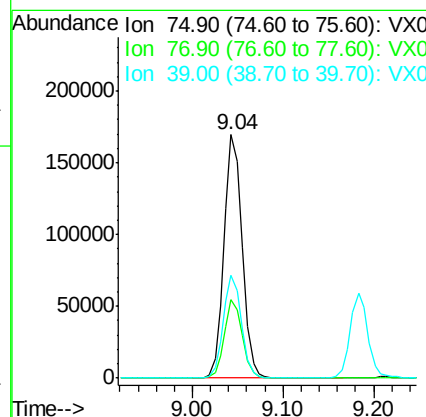
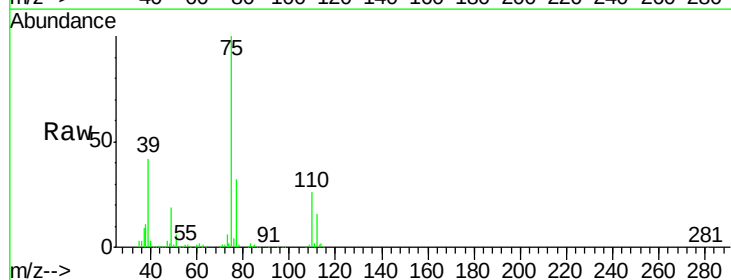
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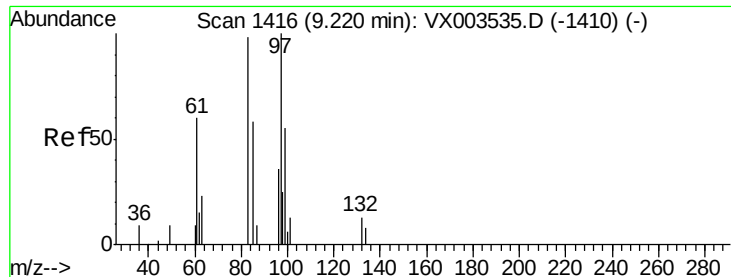
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7/23/2018 3:19:47 PM



#54
cis-1,3-Dichloropropene
Concen: 54.79 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	237250		
77	32.2	24.8	37.2	
39	42.2	42.4	63.6#	





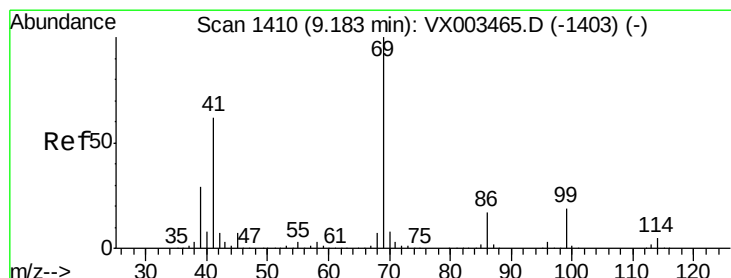
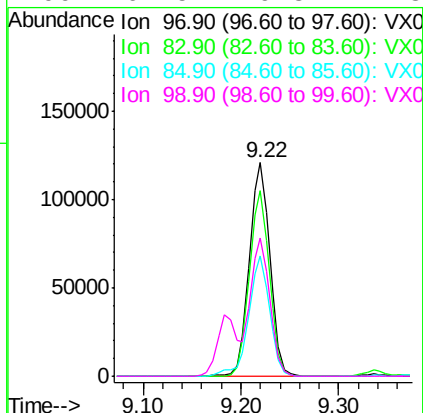
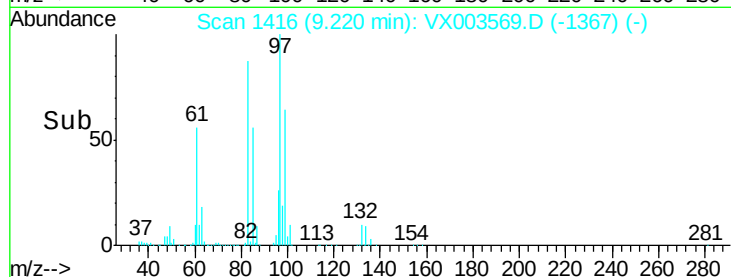
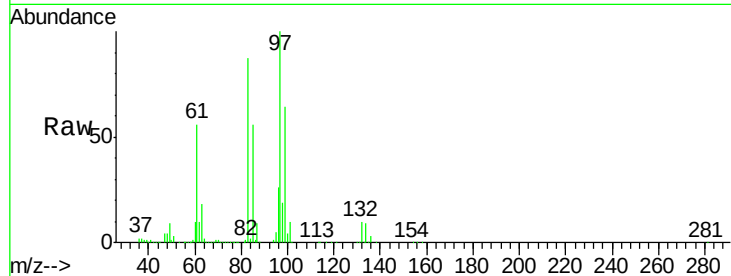
#55
 1,1,2-Trichloroethane
 Concen: 53.81 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003569.D
 Acq: 21 Jul 2018 21:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		176177		
83	86.6	70.2	105.2		
85	56.1	44.9	67.3		
99	64.5	49.8	74.8		

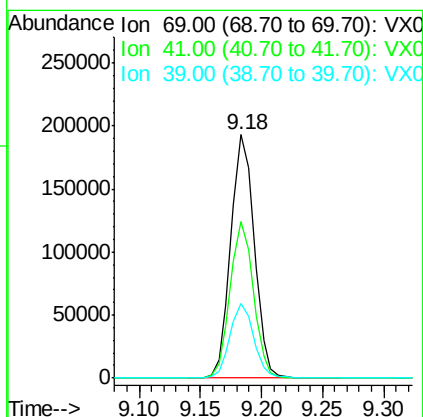
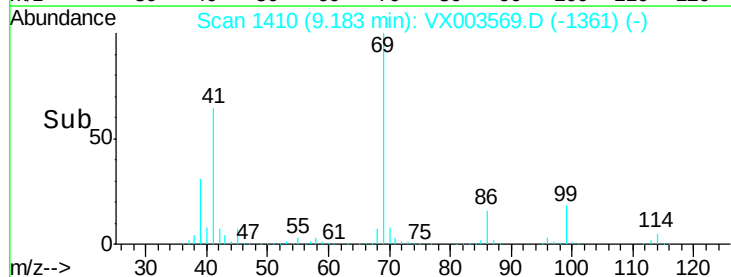
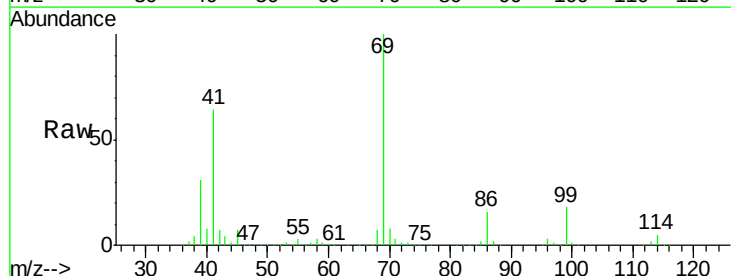
Manual Integrations
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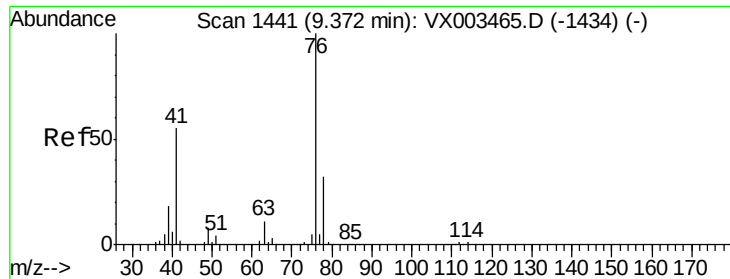
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#56
 Ethyl methacrylate
 Concen: 55.74 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003569.D
 Acq: 21 Jul 2018 21:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		257074		
41	63.6	60.3	90.5		
39	31.2	35.8	53.8#		





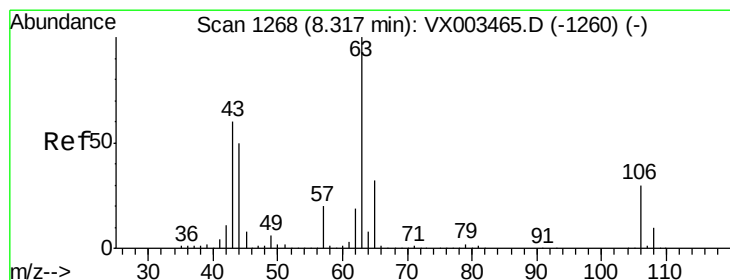
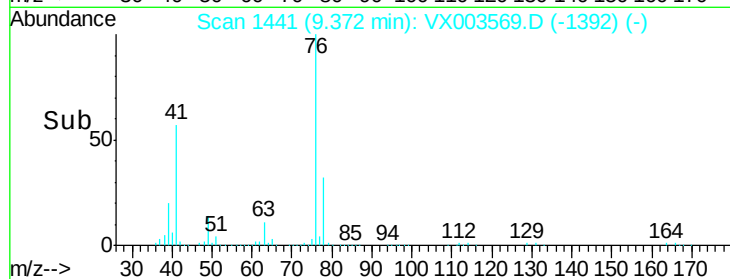
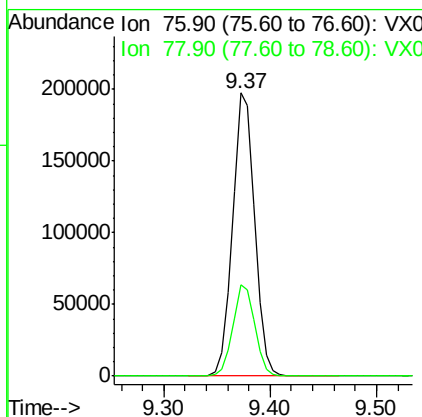
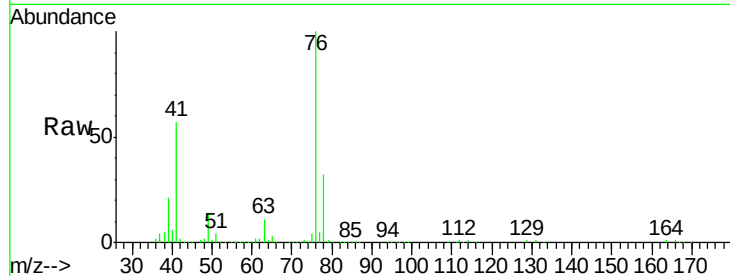
#57
 1,3-Dichloropropane
 Concen: 54.38 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX003569.D
 Acq: 21 Jul 2018 21:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.6

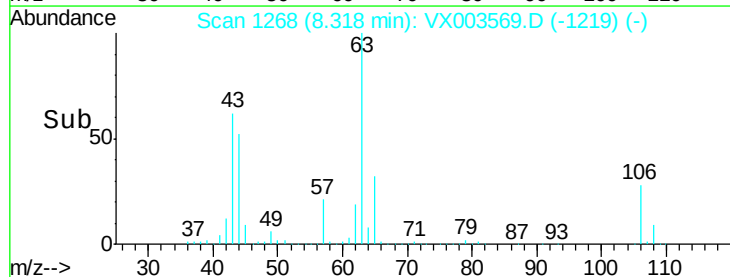
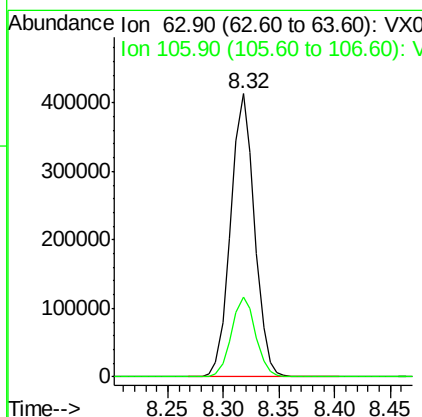
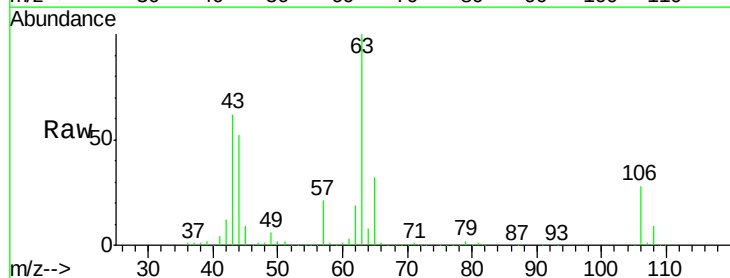
Manual Integrations
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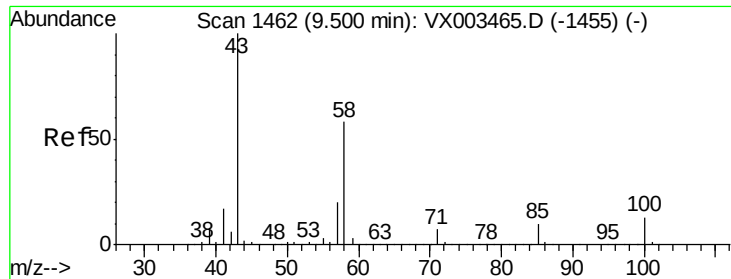
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 7/23/2018 3:19:47 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 273.54 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003569.D
 Acq: 21 Jul 2018 21:58

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.5	21.8	32.8





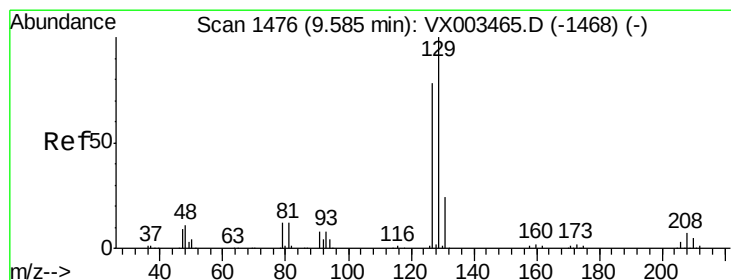
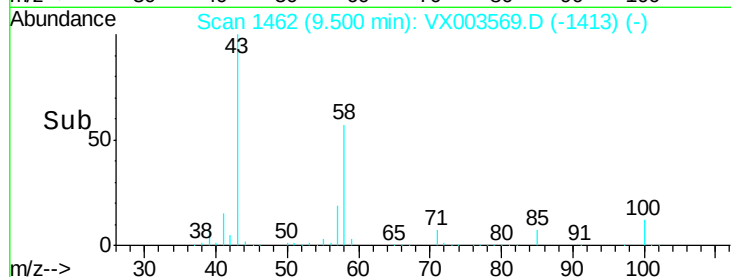
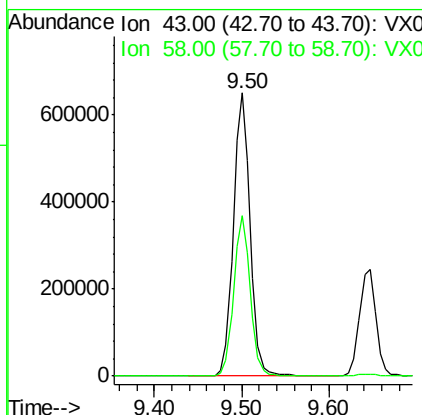
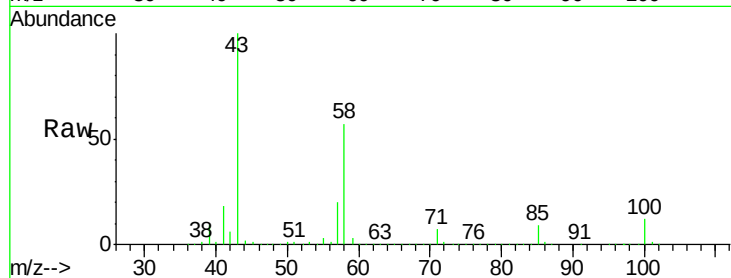
#59
2-Hexanone
Concen: 286.08 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.3	24.6	73.6

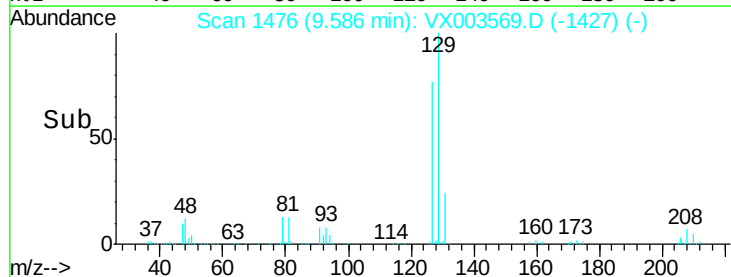
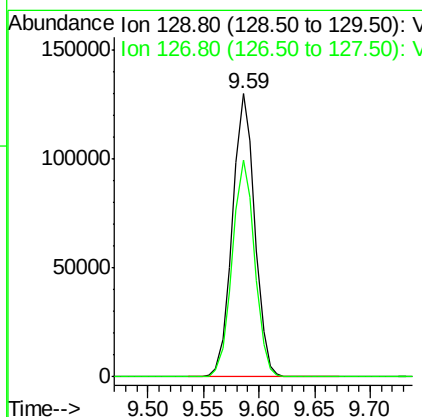
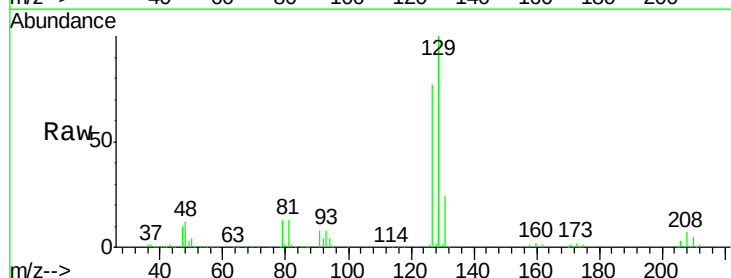
Manual Integrations
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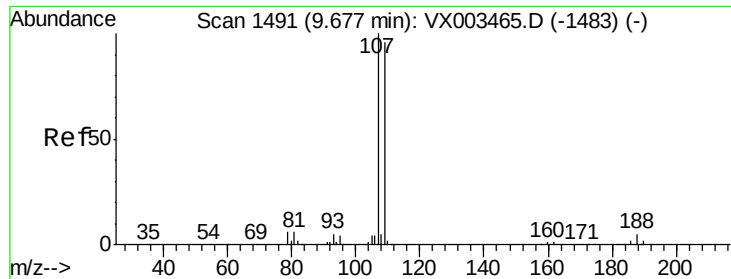
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7/23/2018 3:19:47 PM



#60
Dibromochloromethane
Concen: 55.77 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.6	38.5	115.3





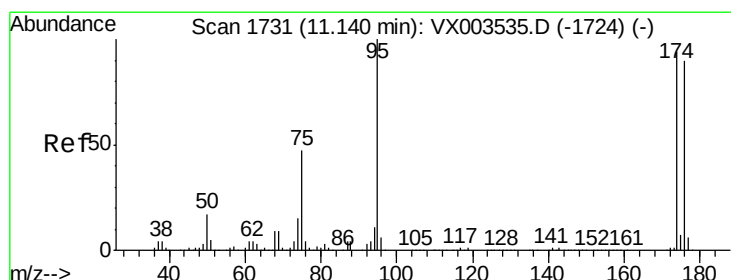
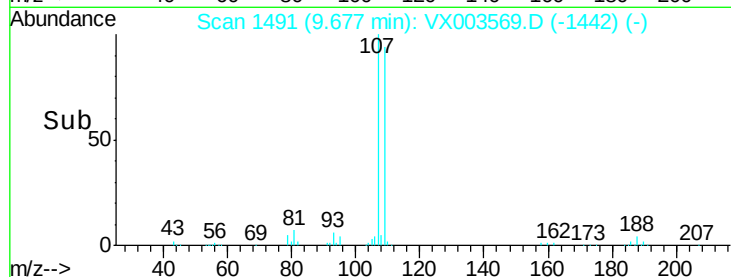
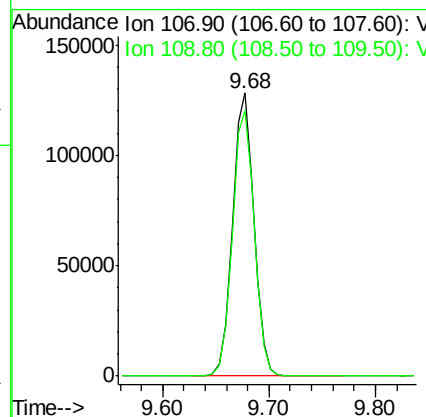
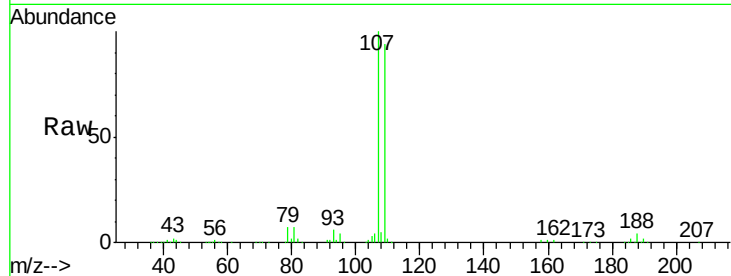
#61
 1,2-Dibromoethane
 Concen: 53.22 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX003569.D
 Acq: 21 Jul 2018 21:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	180657		
109	95.8	75.3	112.9	

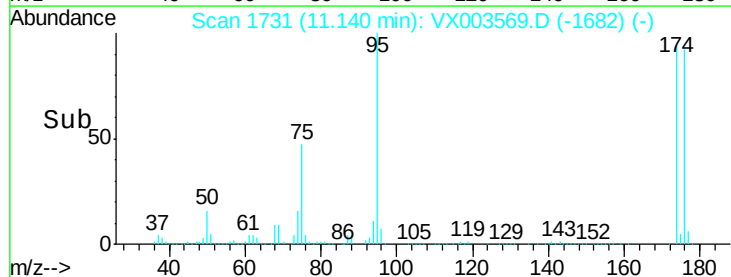
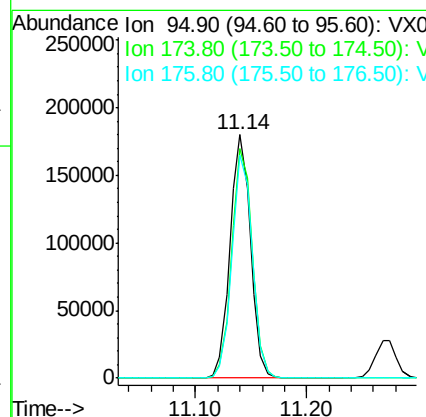
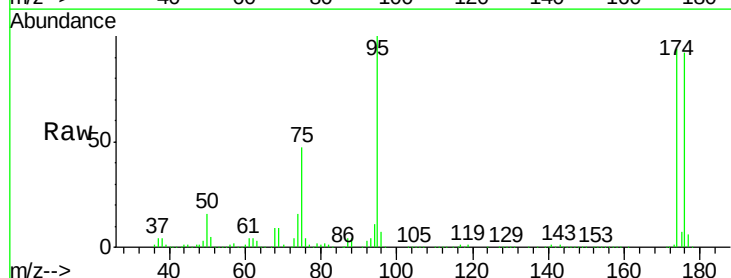
Manual Integrations
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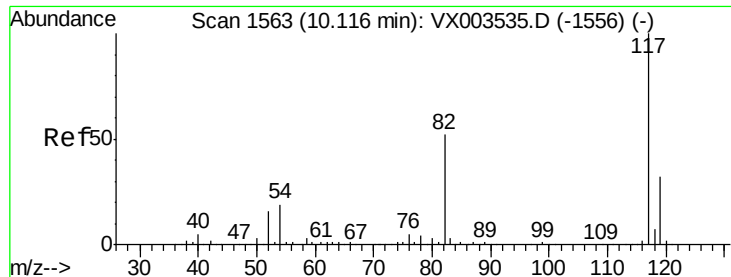
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 54.56 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003569.D
 Acq: 21 Jul 2018 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	228591		
174	95.0	0.0	187.4	
176	91.7	0.0	181.0	





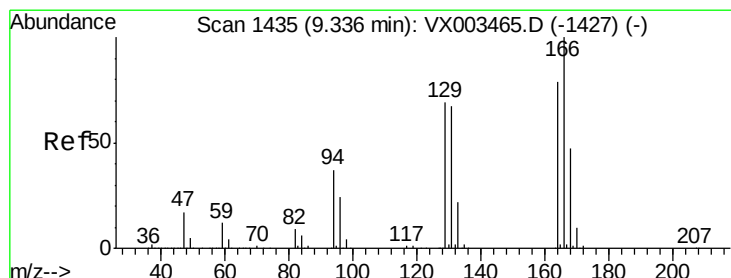
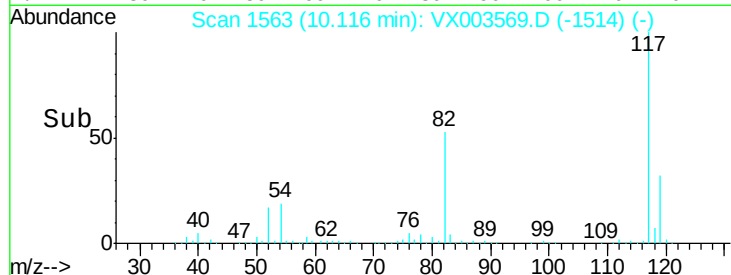
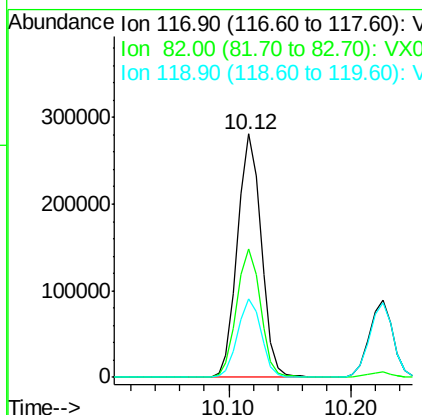
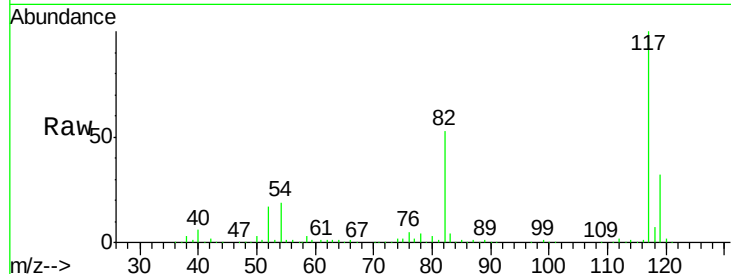
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.5	45.0	67.4
119	32.2	25.8	38.6

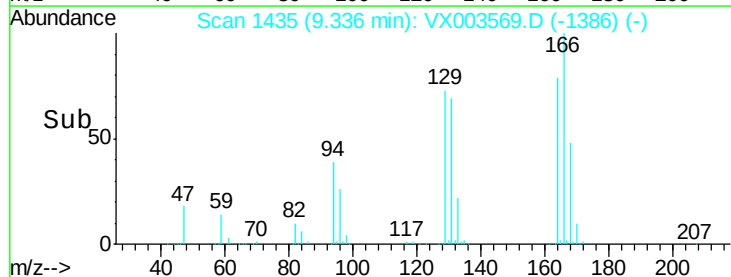
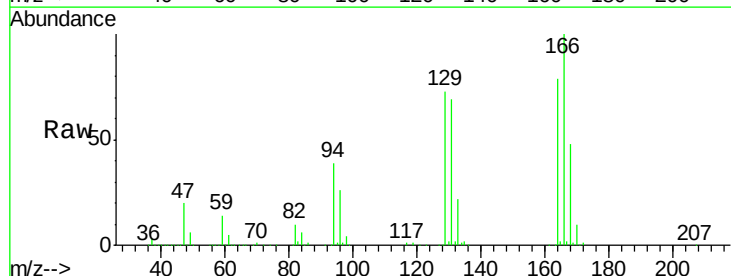
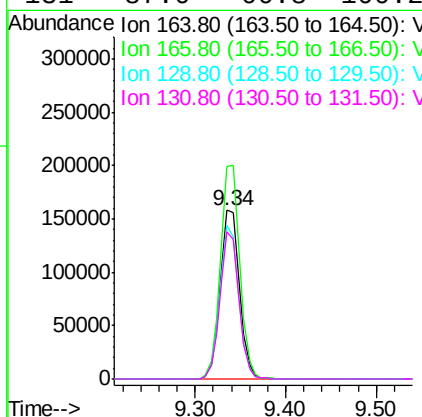
Manual Integrations
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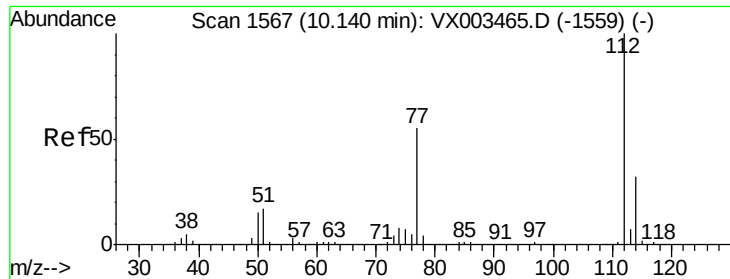
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#64
Tetrachloroethene
Concen: 51.18 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	102.9	154.3
129	91.4	68.6	102.8
131	87.0	66.8	100.2





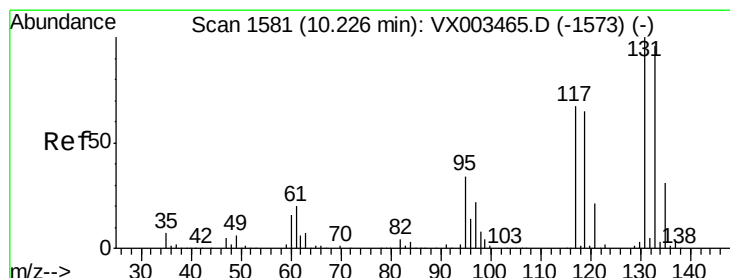
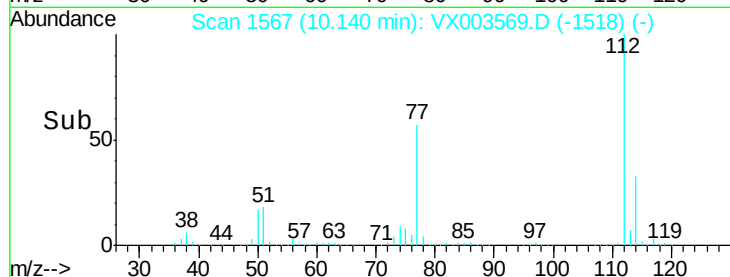
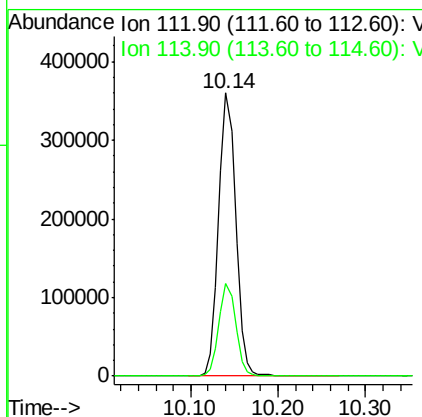
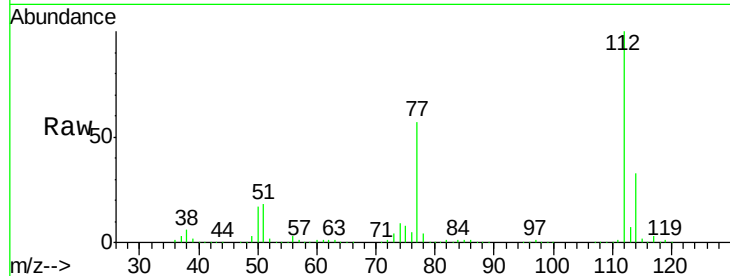
#65
Chlorobenzene
Concen: 50.46 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 490583
Ion Ratio Lower Upper
112 100
114 32.6 25.3 37.9

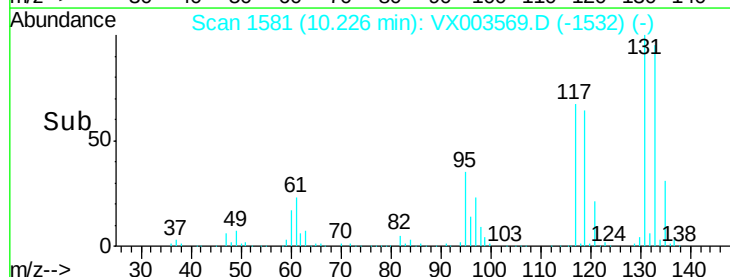
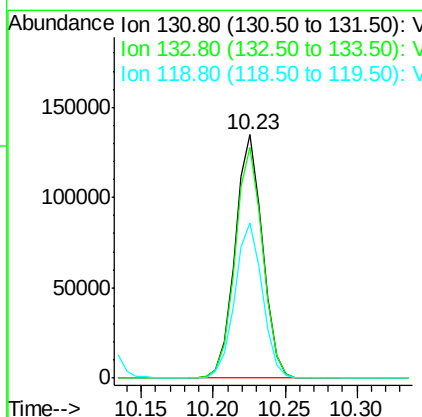
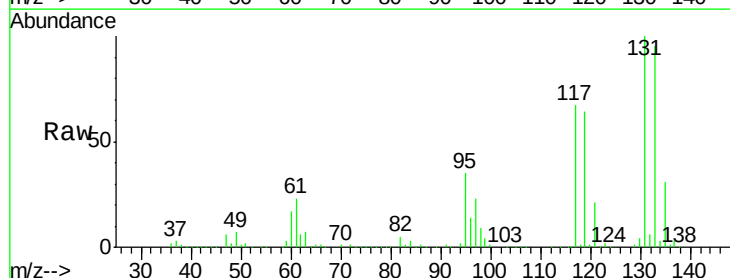
Manual Integrations
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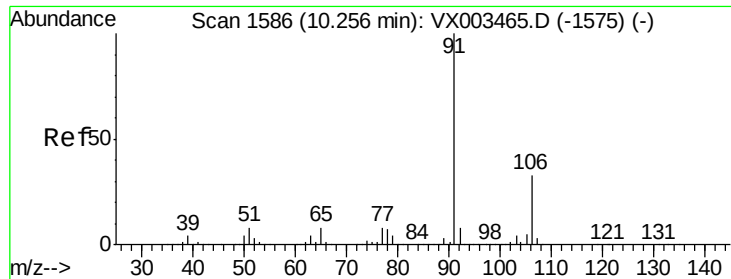
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7/23/2018 3:19:47 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 53.35 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Tgt Ion:131 Resp: 178473
Ion Ratio Lower Upper
131 100
133 95.4 47.9 143.6
119 64.4 31.8 95.3





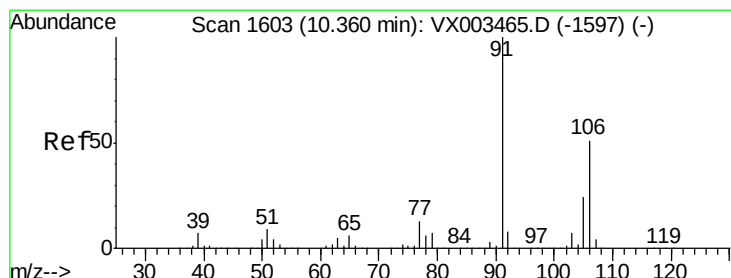
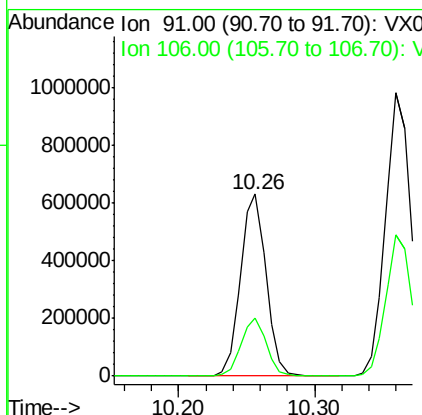
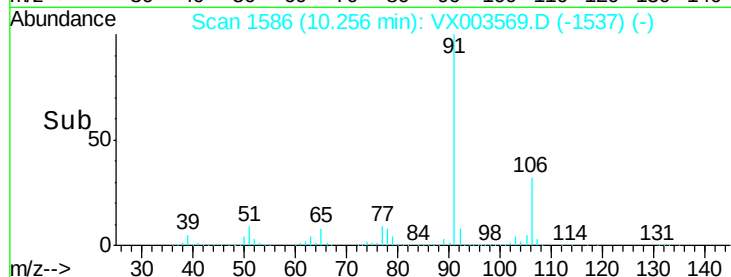
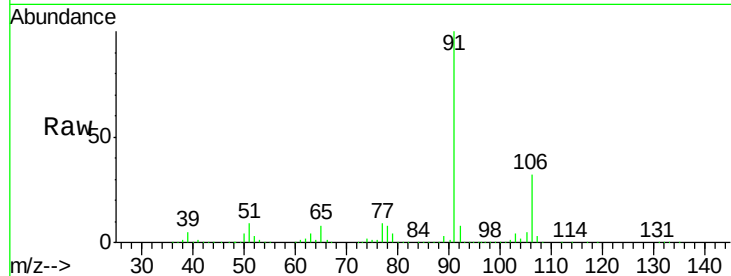
#67
Ethyl Benzene
Concen: 52.89 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 826816
Ion Ratio Lower Upper
91 100
106 31.9 25.5 38.3

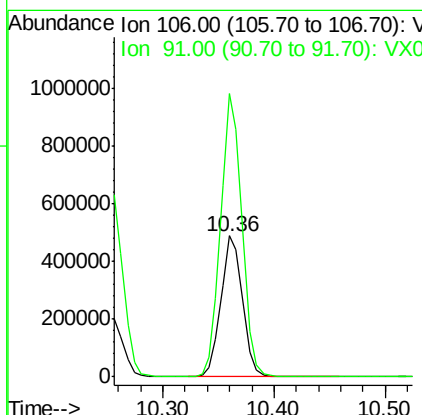
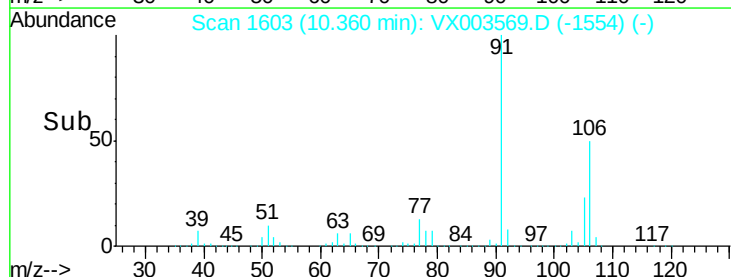
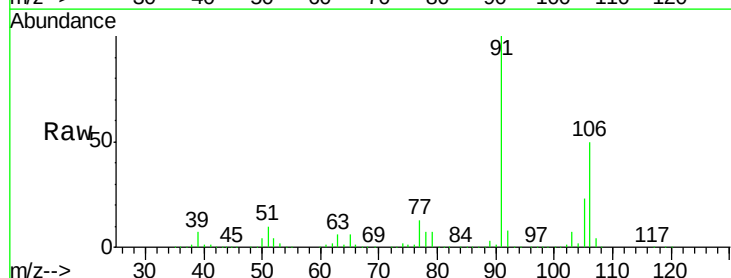
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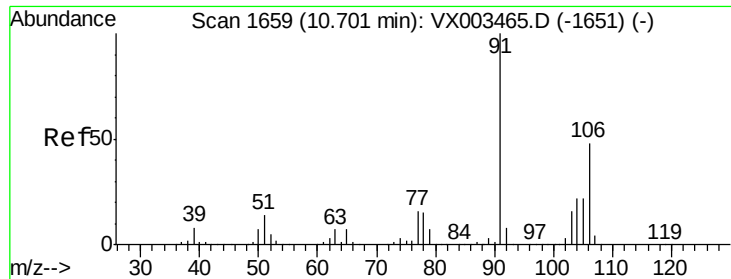
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#68
m/p-Xylenes
Concen: 106.02 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Tgt Ion: 106 Resp: 649744
Ion Ratio Lower Upper
106 100
91 200.2 163.4 245.2





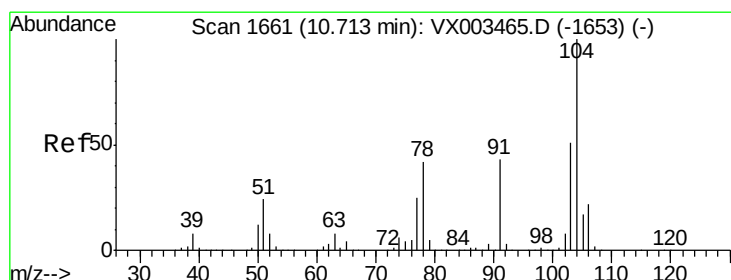
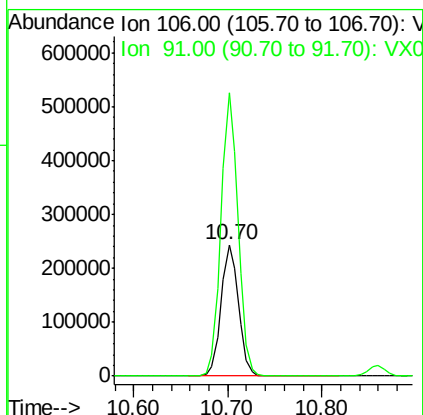
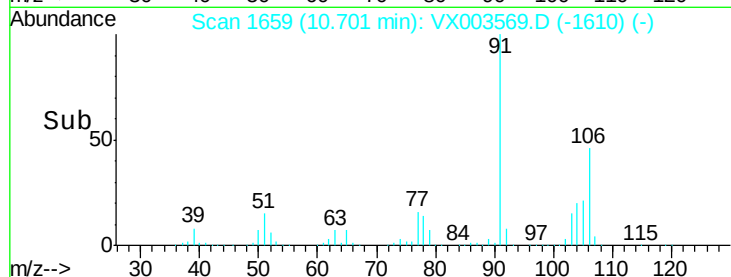
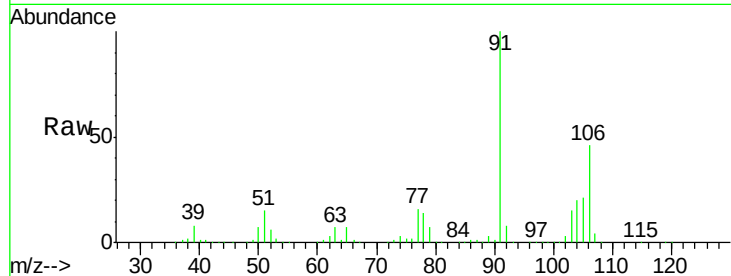
#69
o-Xylene
Concen: 52.72 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 312448
Ion Ratio Lower Upper
106 100
91 211.6 108.2 324.6

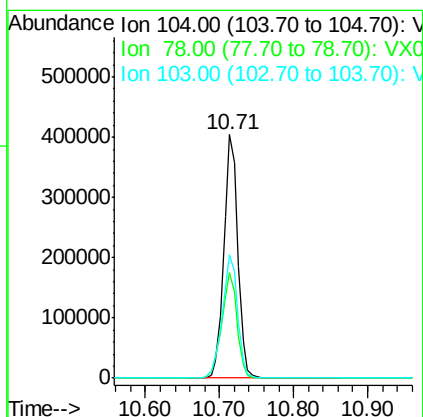
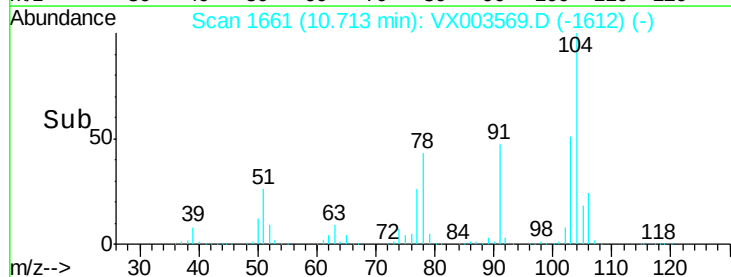
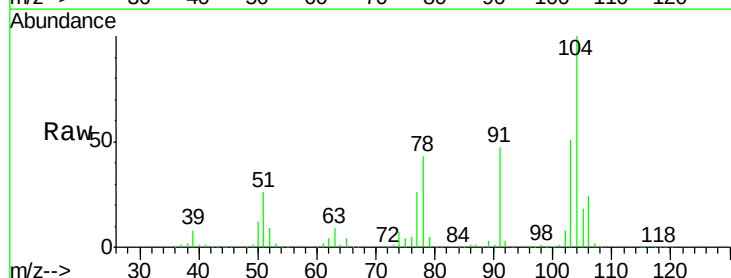
Manual Integrations
APPROVED

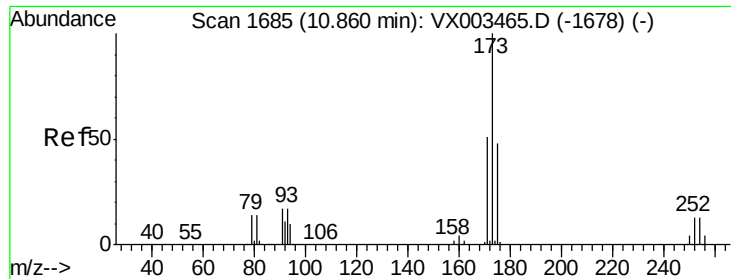
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#70
Styrene
Concen: 54.29 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Tgt Ion:104 Resp: 529218
Ion Ratio Lower Upper
104 100
78 47.4 41.0 61.6
103 55.0 44.2 66.4





#71

Bromoform

Concen: 54.64 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 142000

Ion Ratio Lower Upper

173 100

175 49.1 24.7 74.1

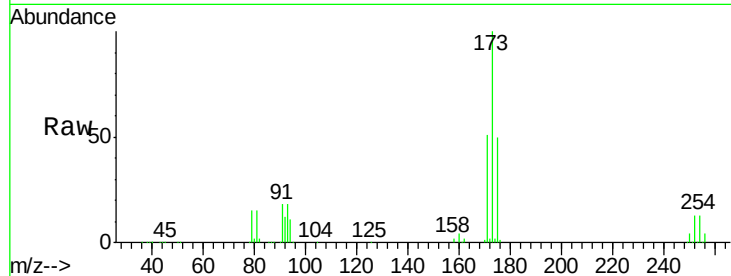
254 0.2 0.2 0.2

Manual Integrations

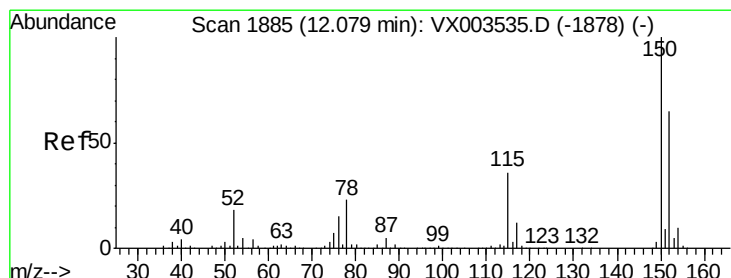
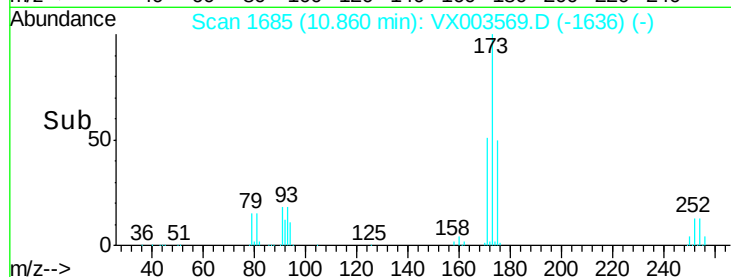
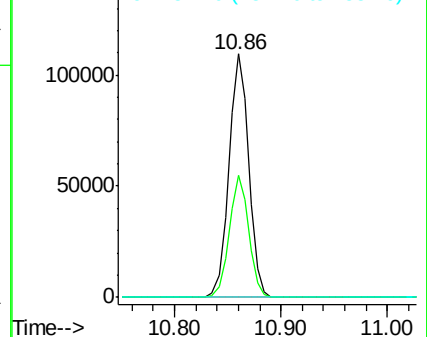
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

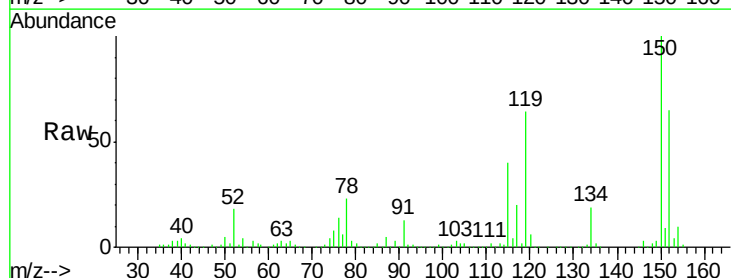
Tgt Ion:152 Resp: 232592

Ion Ratio Lower Upper

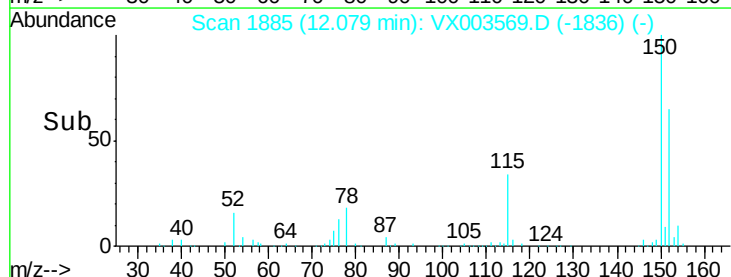
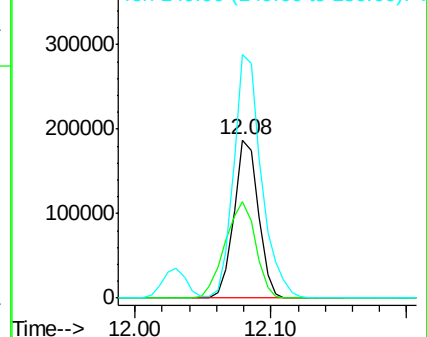
152 100

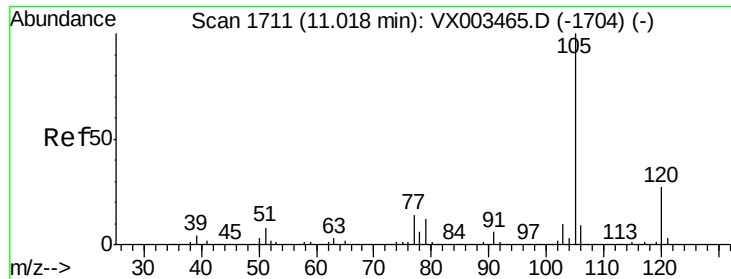
115 76.6 40.1 120.2

150 175.1 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: 52.36 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 842227

Ion Ratio Lower Upper

105 100

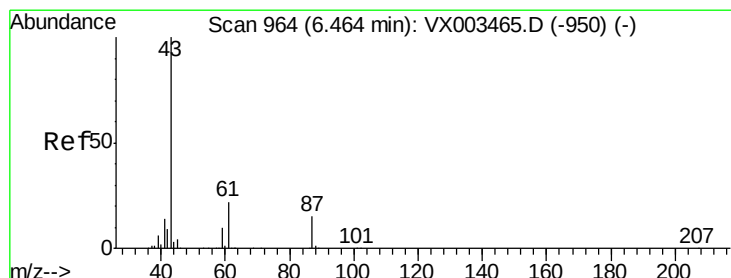
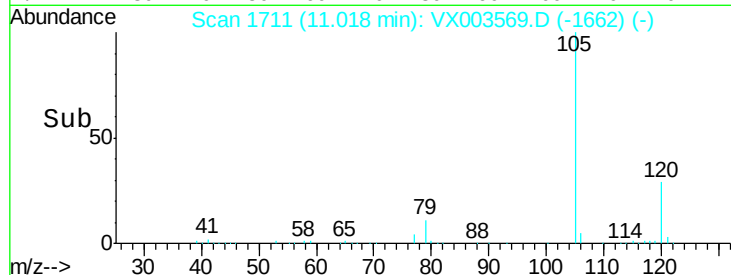
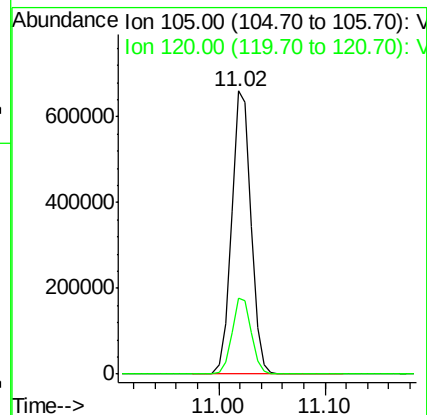
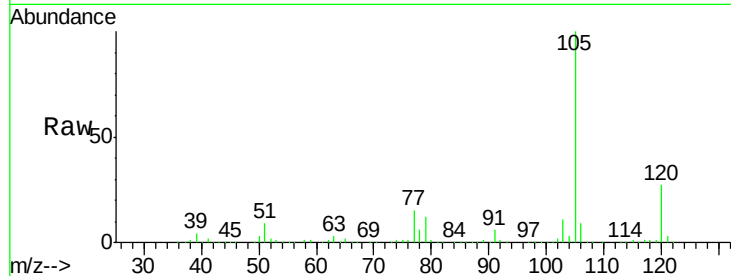
120 27.0 13.5 40.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 51.65 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Tgt Ion: 43 Resp: 352779

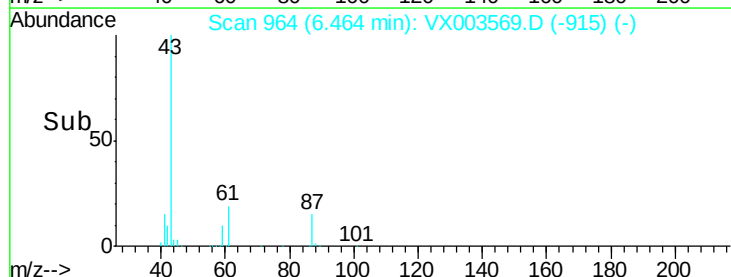
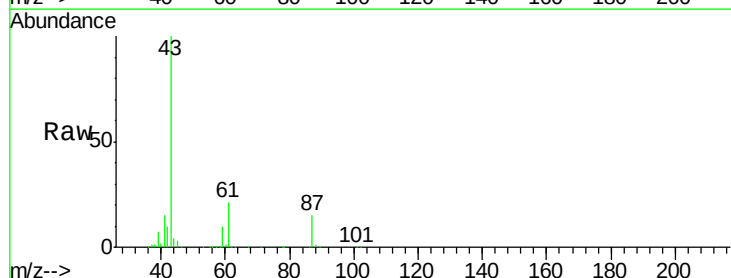
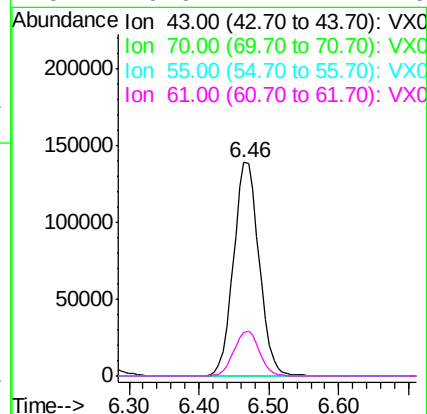
Ion Ratio Lower Upper

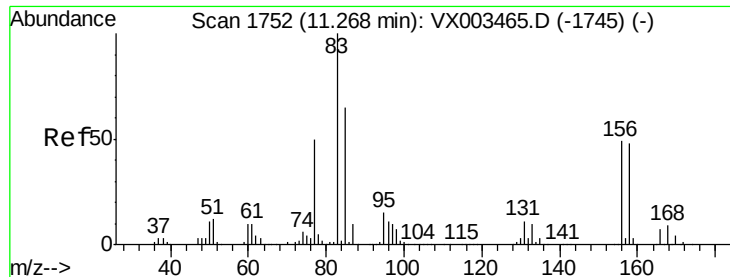
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 20.9 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.63 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

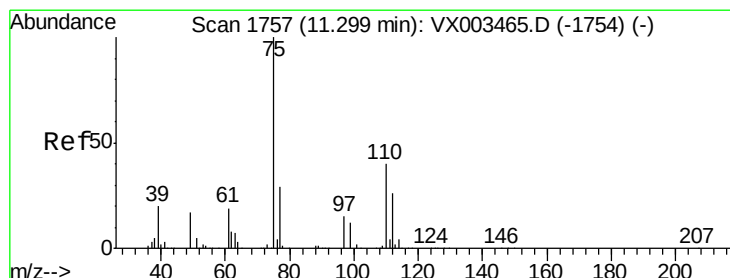
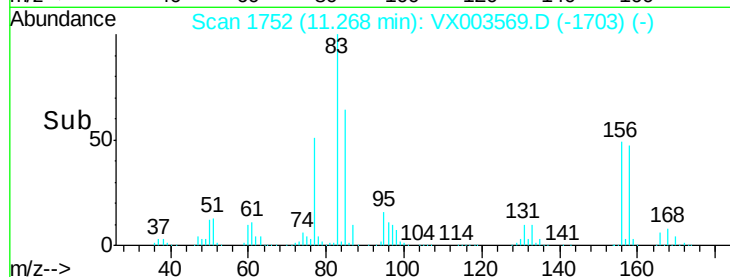
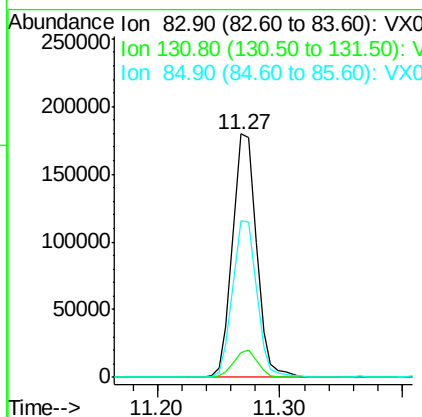
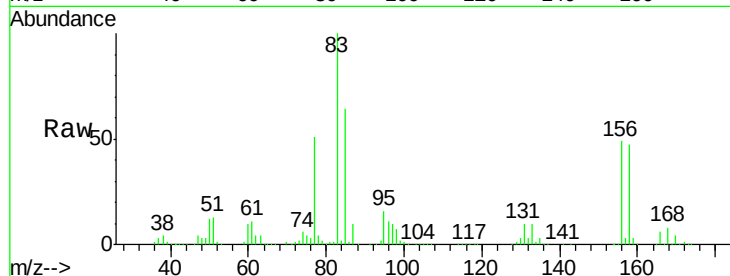
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	243392
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.6	16.8
85	64.8	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 52.99 ug/l m

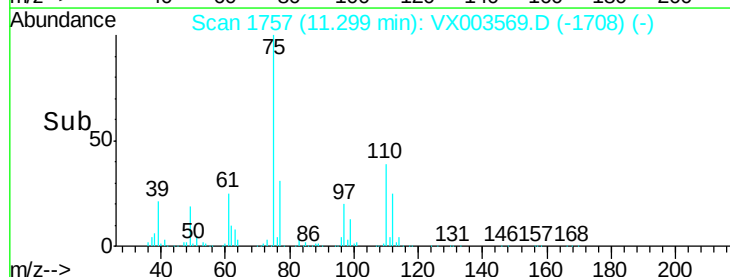
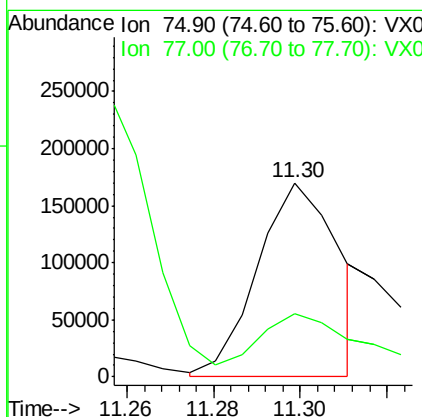
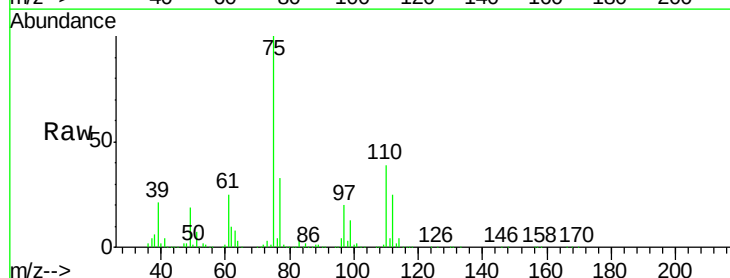
RT: 11.30 min Scan# 1757

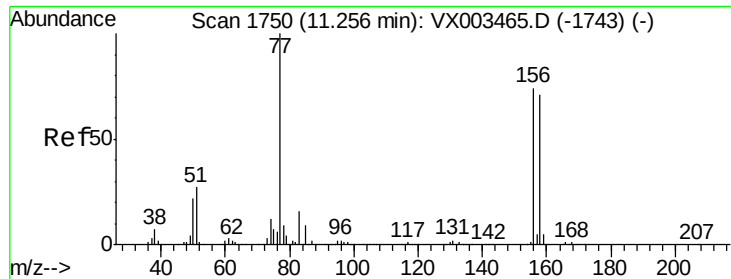
Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Tgt Ion:	75	Resp:	221435
Ion Ratio	Lower	Upper	
75	100		
77	42.4	22.8	68.3





#77

Bromobenzene

Concen: 49.77 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

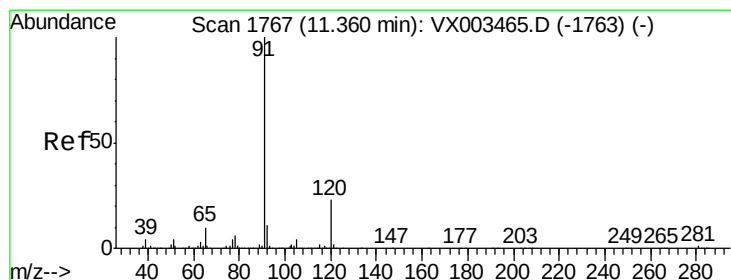
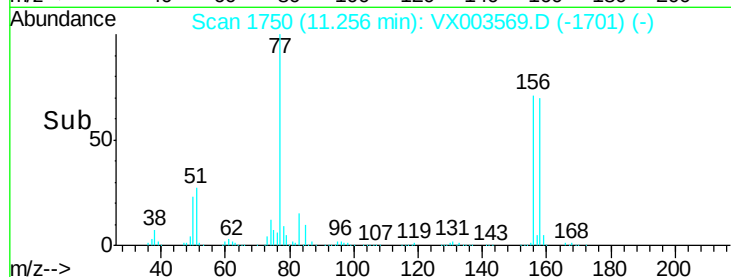
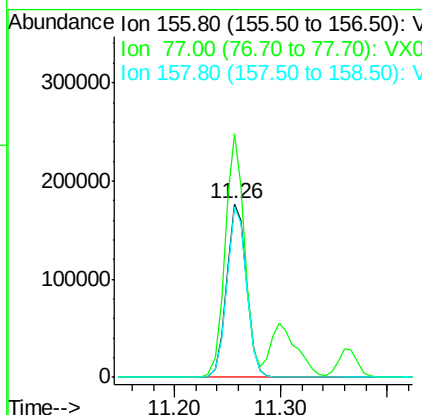
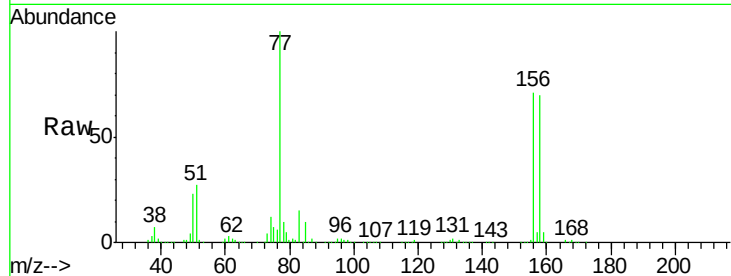
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	230244
Ion Ratio	Lower	Upper	
156	100		
77	136.4	71.4	214.2
158	97.7	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 53.36 ug/l

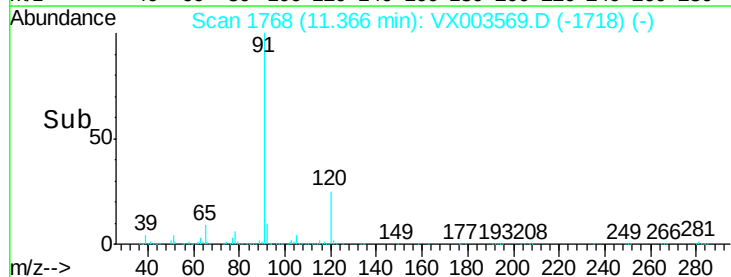
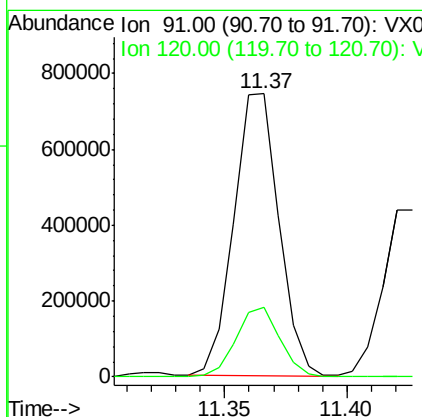
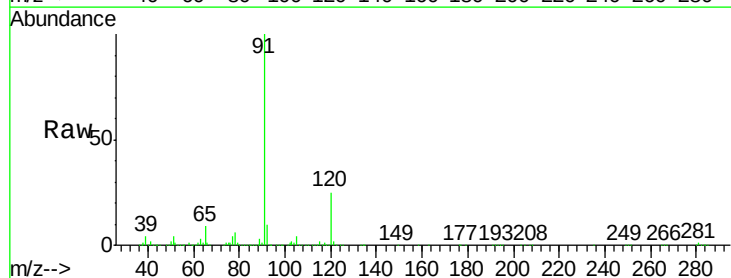
RT: 11.37 min Scan# 1768

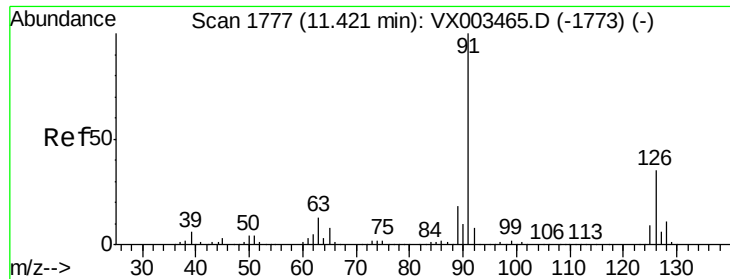
Delta R.T. 0.01 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Tgt Ion:	91	Resp:	954212
Ion Ratio	Lower	Upper	
91	100		
120	24.1	11.8	35.4





#79

2-Chlorotoluene

Concen: 52.17 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 566329

Ion Ratio Lower Upper

91 100

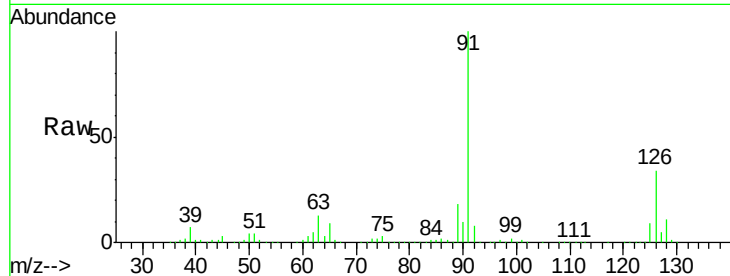
126 36.2 17.7 53.1

Manual Integrations

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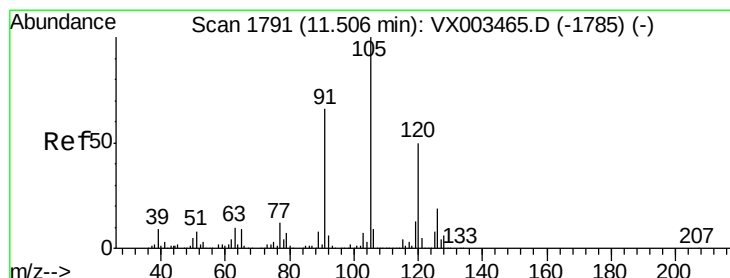
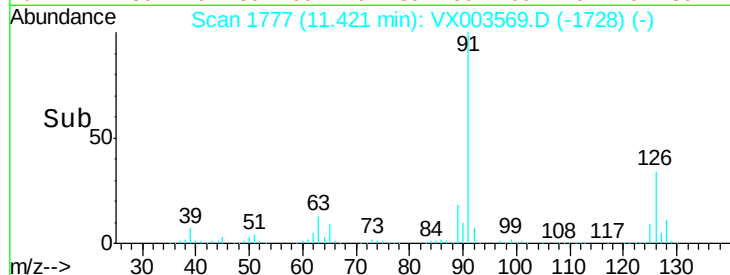
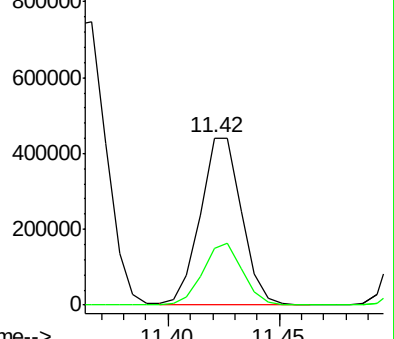
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.96 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX003569.D

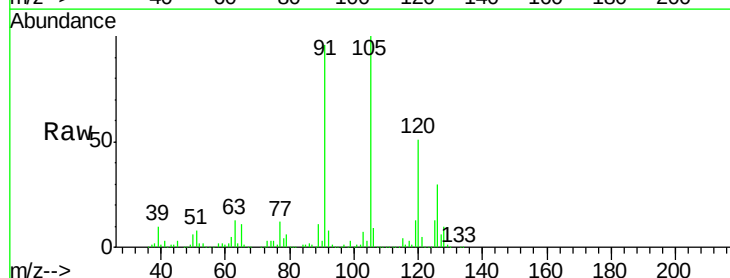
Acq: 21 Jul 2018 21:58

Tgt Ion:105 Resp: 686935

Ion Ratio Lower Upper

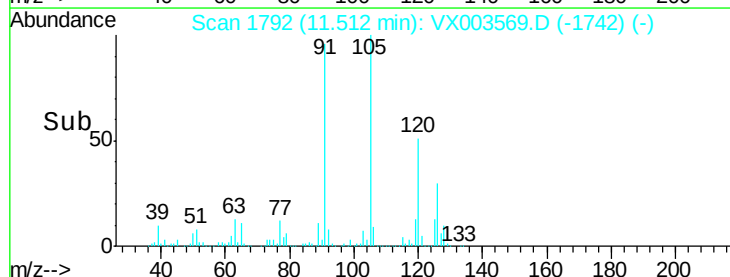
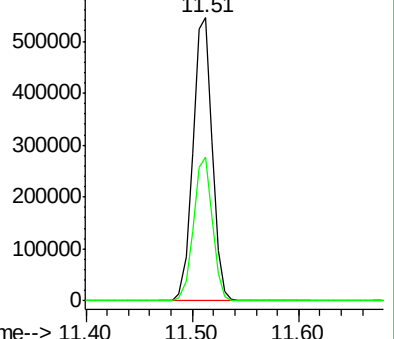
105 100

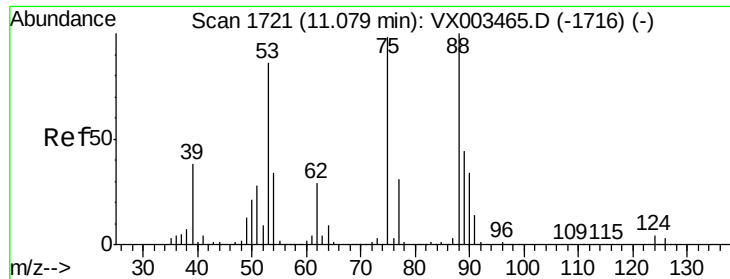
120 50.0 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





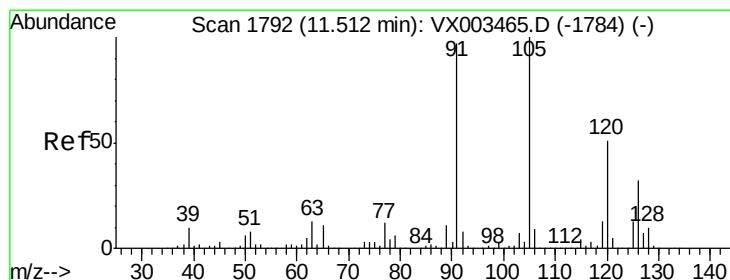
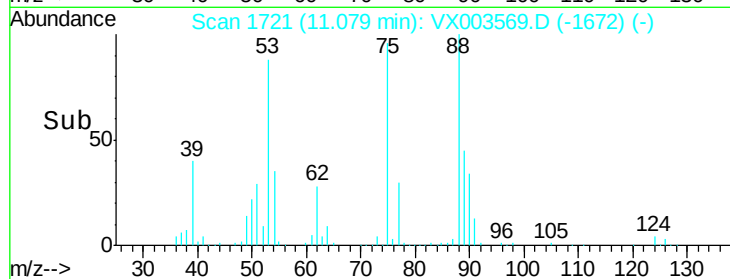
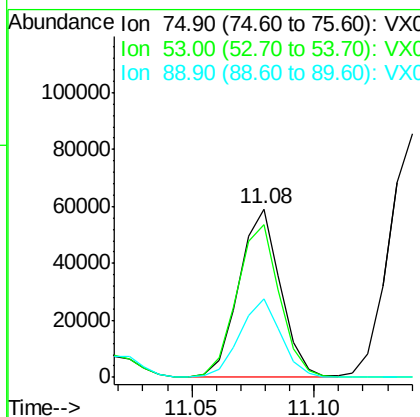
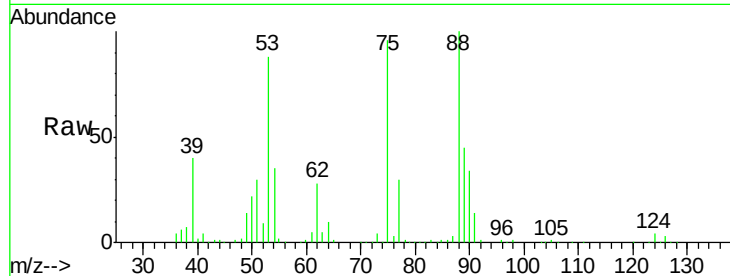
#81
trans-1,4-Dichloro-2-butene
Concen: 47.28 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.4	86.8	130.2
89	46.2	38.2	57.2

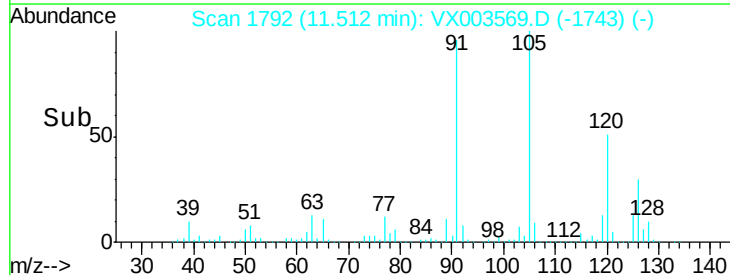
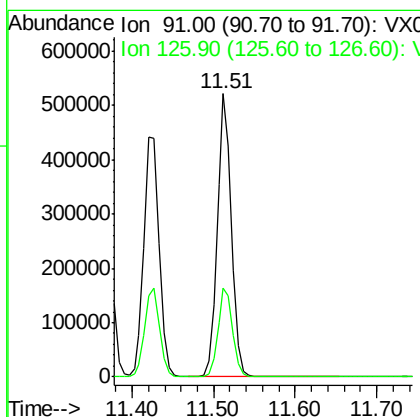
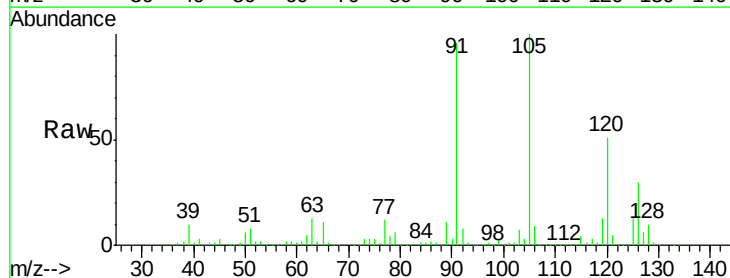
Manual Integrations
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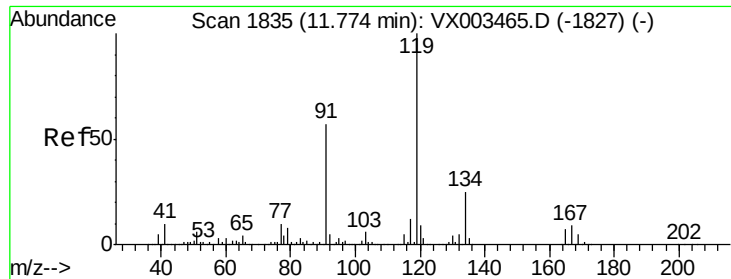
MMDadoda
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#82
4-Chlorotoluene
Concen: 50.04 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.4	15.4	46.4





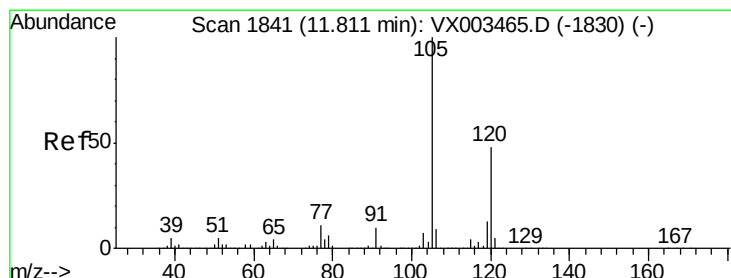
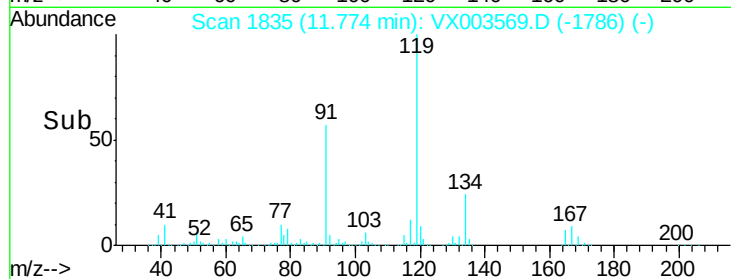
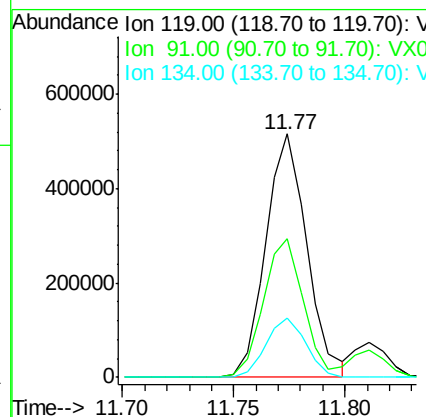
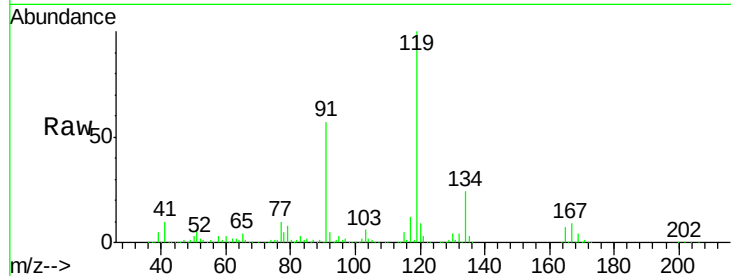
#83
 tert-Butylbenzene
 Concen: 50.92 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003569.D
 Acq: 21 Jul 2018 21:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	659262		
91	55.1		30.3	90.9
134	23.8		11.7	35.1

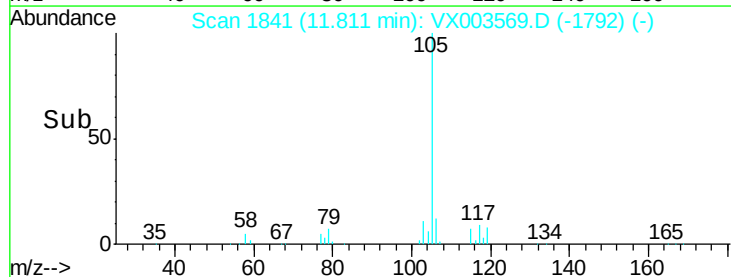
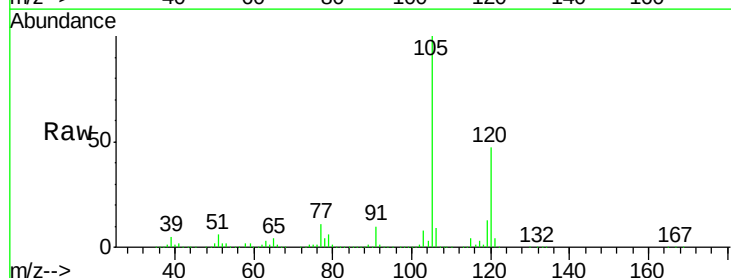
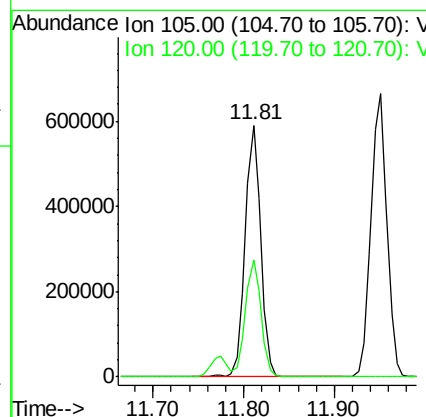
Manual Integrations
 APPROVED

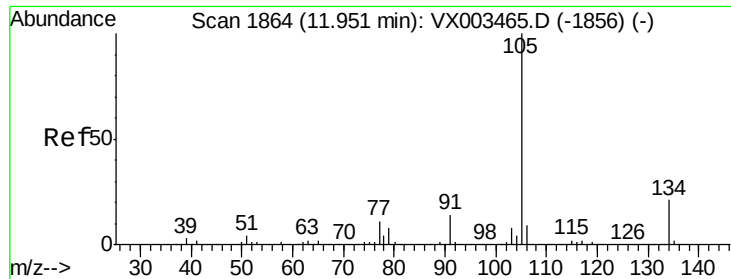
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.44 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003569.D
 Acq: 21 Jul 2018 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	705376		
120	46.5		22.3	66.8





#85

sec-Butylbenzene

Concen: 51.73 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 813397

Ion Ratio Lower Upper

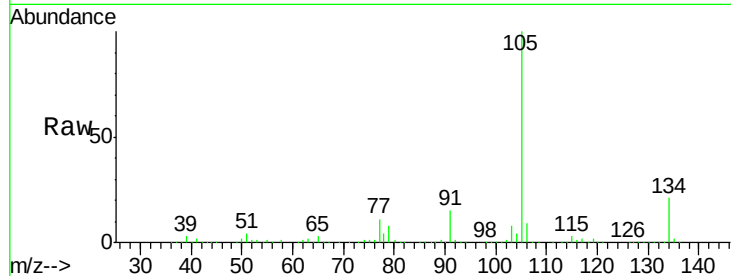
105 100

134 21.0 10.4 31.1

Manual Integrations
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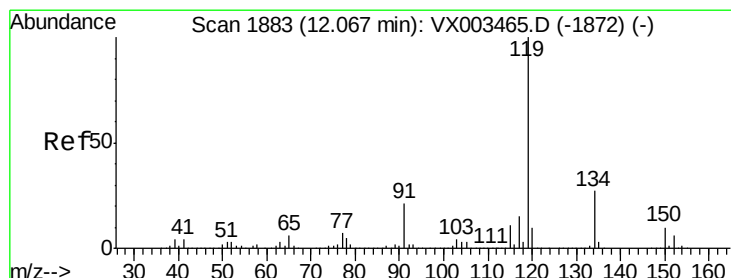
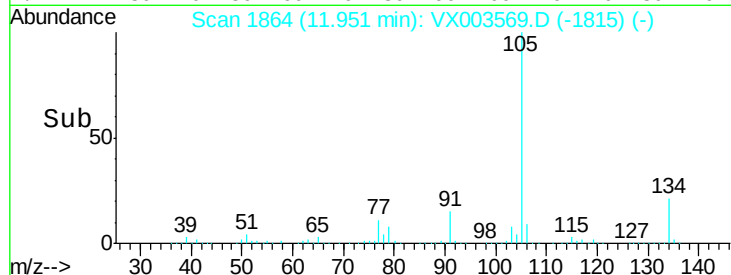
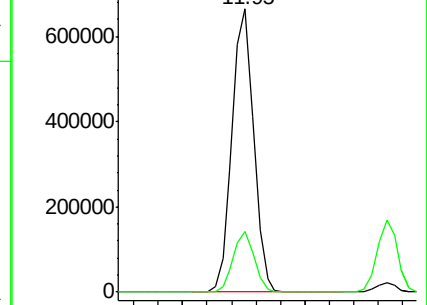
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.56 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003569.D

Acq: 21 Jul 2018 21:58

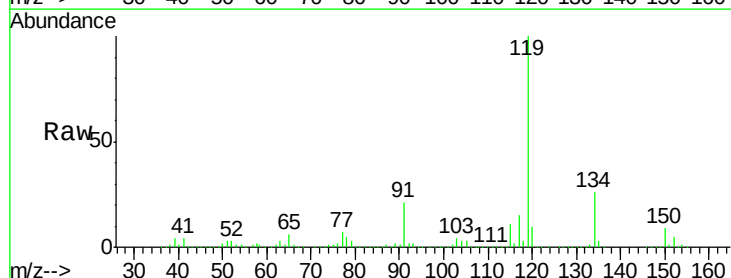
Tgt Ion:119 Resp: 741777

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

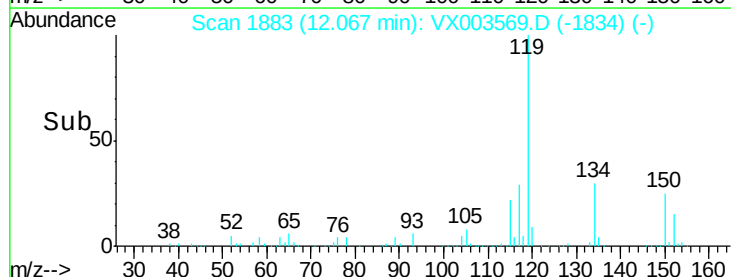
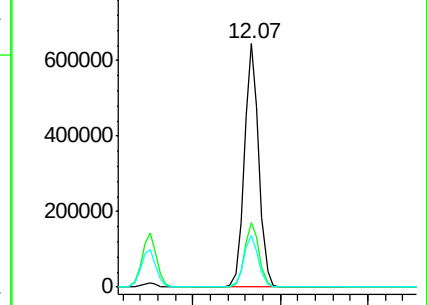
91 21.8 11.9 35.7

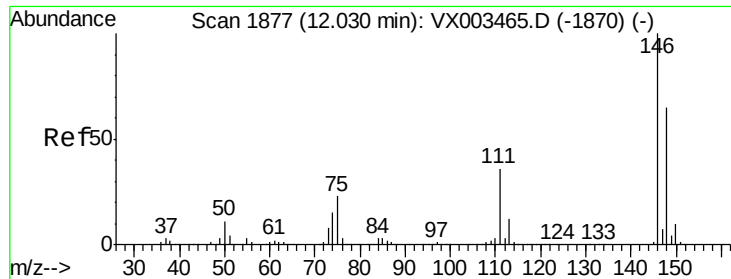


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





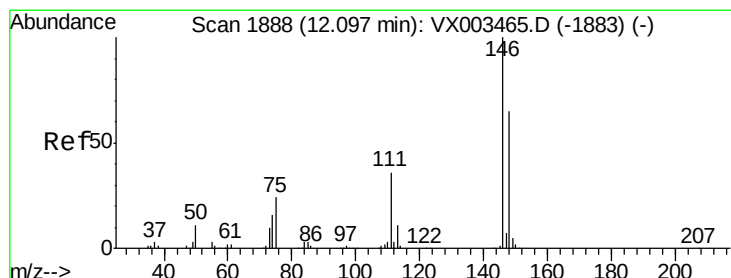
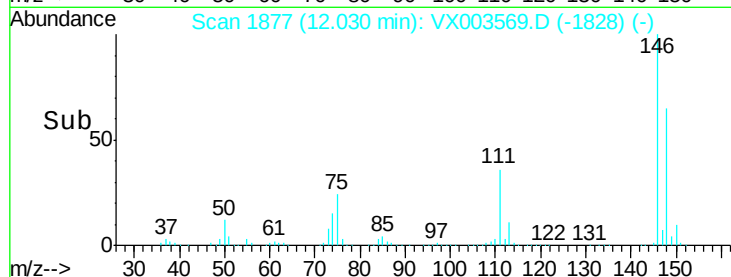
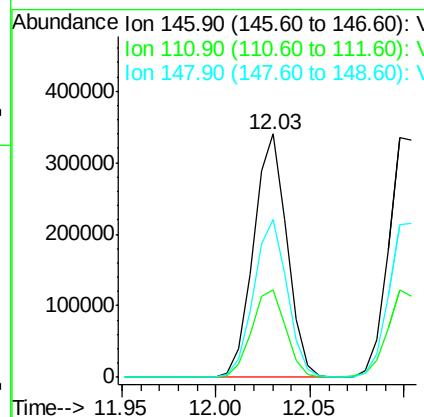
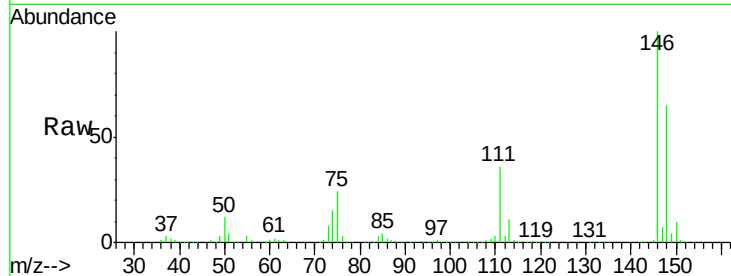
#87
 1,3-Dichlorobenzene
 Concen: 49.12 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003569.D
 Acq: 21 Jul 2018 21:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.9	56.7
148	64.6	32.1	96.3

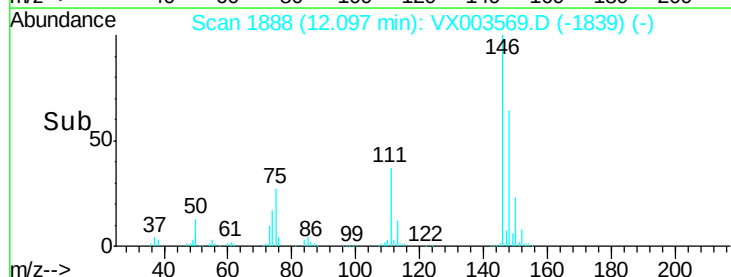
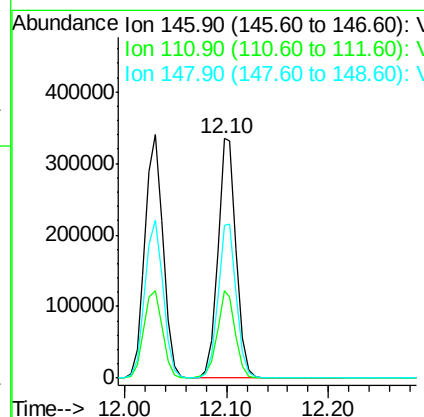
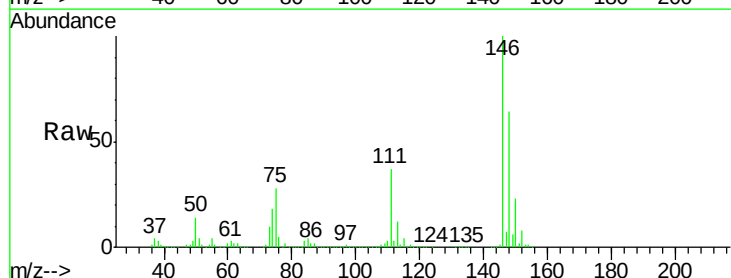
Manual Integrations
 APPROVED

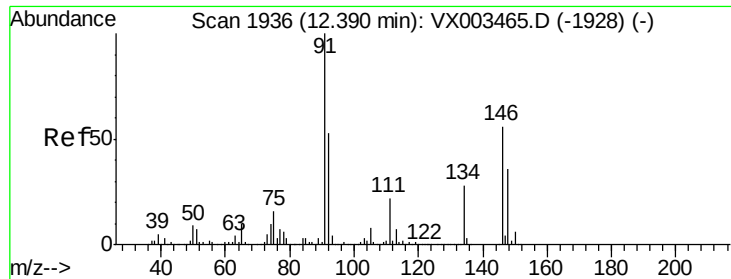
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#88
 1,4-Dichlorobenzene
 Concen: 48.37 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003569.D
 Acq: 21 Jul 2018 21:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.7	18.7	56.1
148	64.3	32.4	97.0





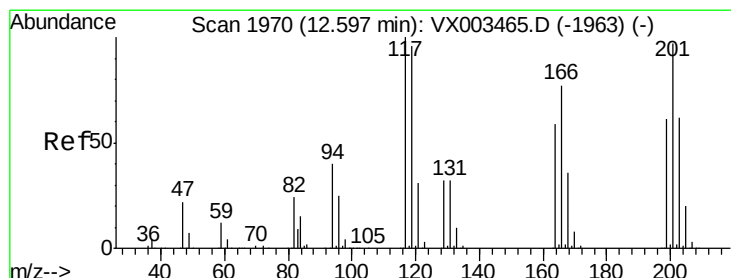
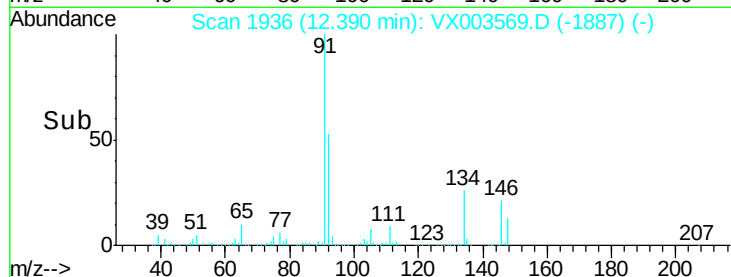
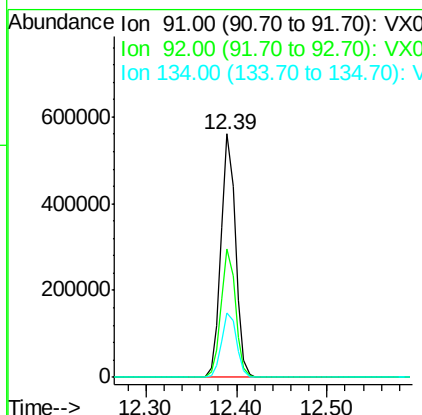
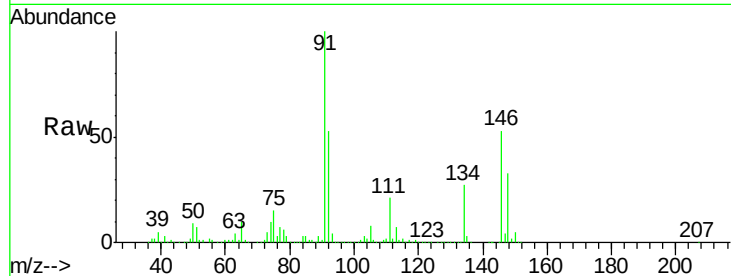
#89
n-Butylbenzene
Concen: 52.49 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.0	78.0
134	27.5	13.5	40.5

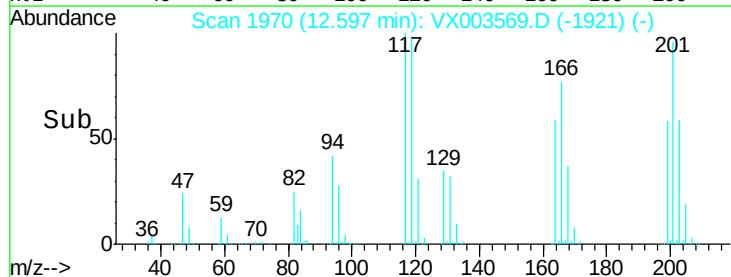
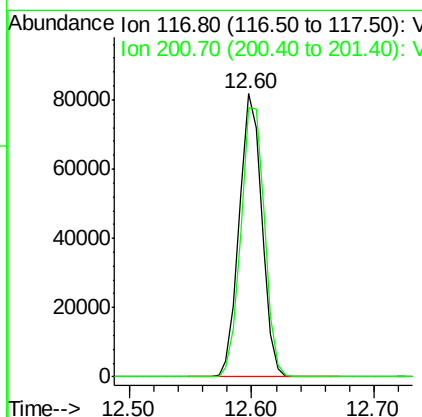
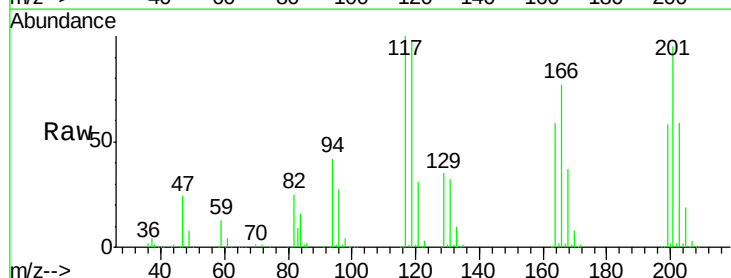
Manual Integrations
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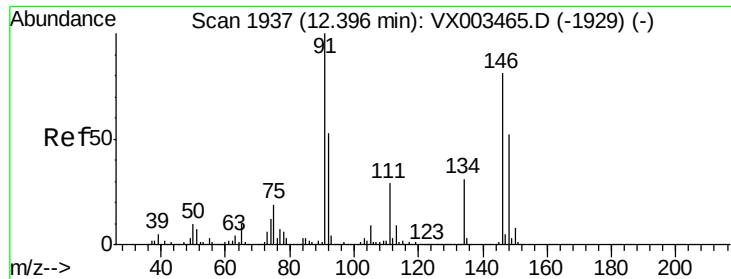
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#90
Hexachloroethane
Concen: 51.88 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Tgt Ion	Ratio	Lower	Upper
117	100		
201	99.8	49.0	147.0





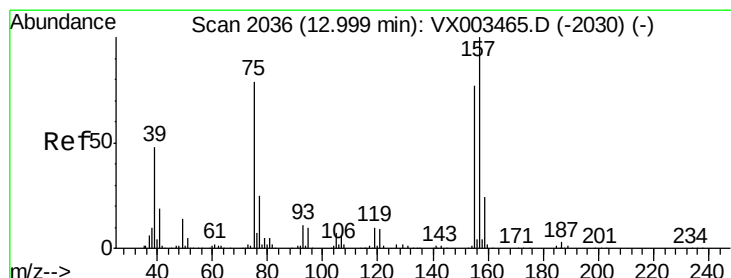
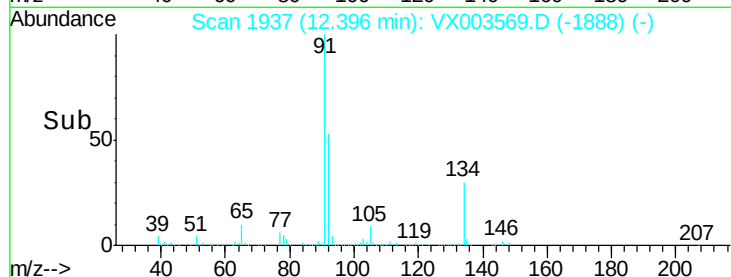
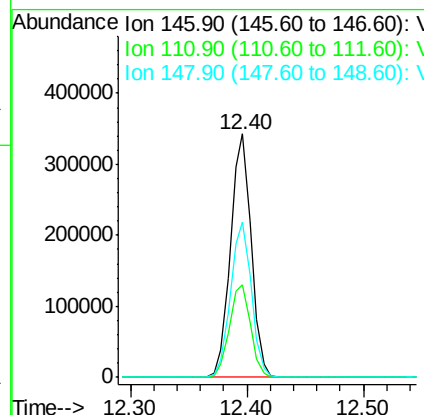
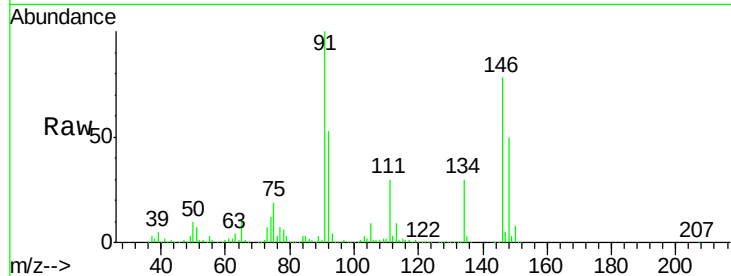
#91
 1,2-Dichlorobenzene
 Concen: 50.15 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003569.D
 Acq: 21 Jul 2018 21:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	420352		
111	38.7	19.4	58.1	
148	64.2	31.7	95.1	

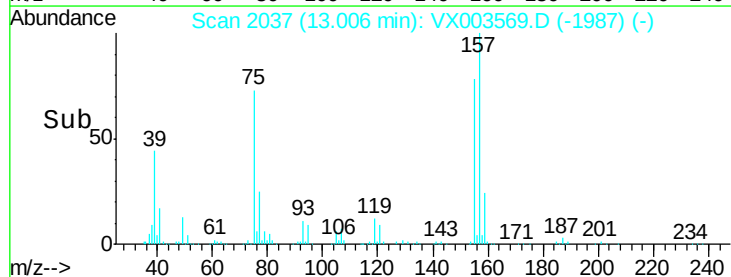
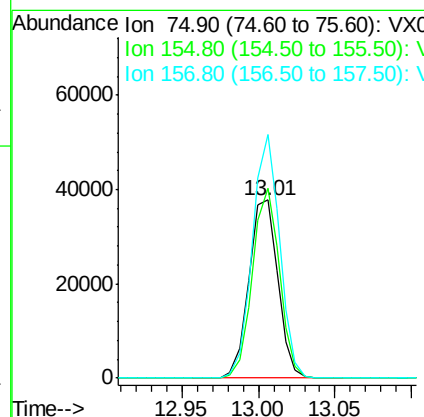
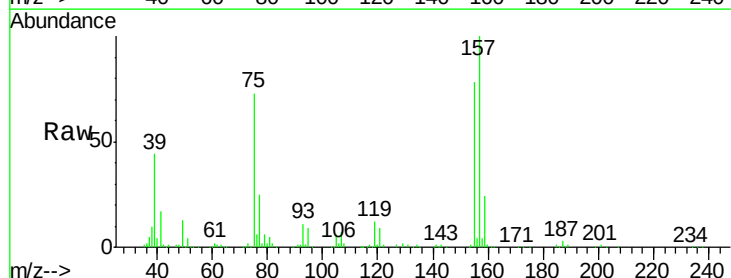
Manual Integrations
 APPROVED

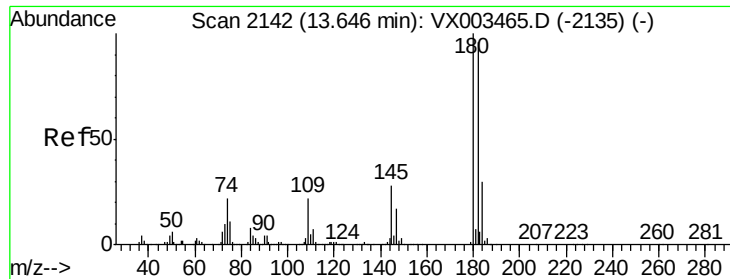
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 7/23/2018 3:19:47 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.15 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VX003569.D
 Acq: 21 Jul 2018 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	49672		
155	100.0	45.8	137.4	
157	128.2	60.1	180.3	





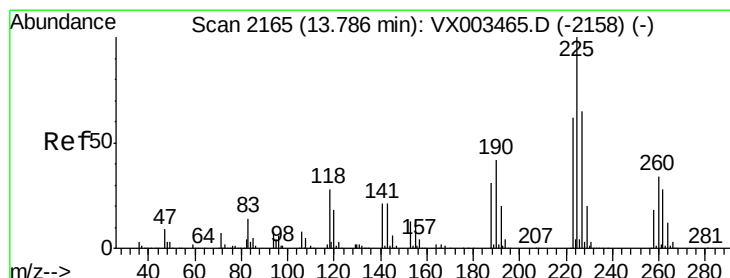
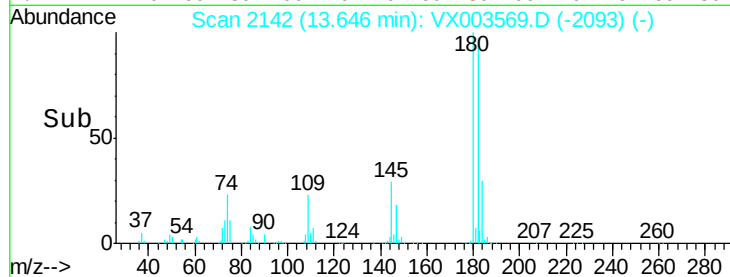
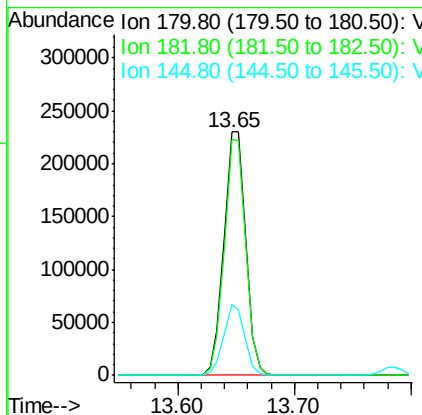
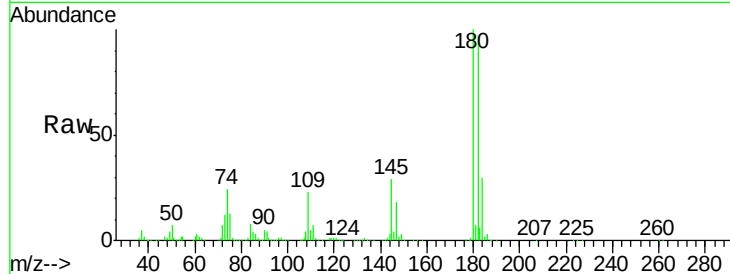
#93
 1,2,4-Trichlorobenzene
 Concen: 48.25 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003569.D
 Acq: 21 Jul 2018 21:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	296423		
182	95.4	47.7	143.1	
145	27.8	14.1	42.4	

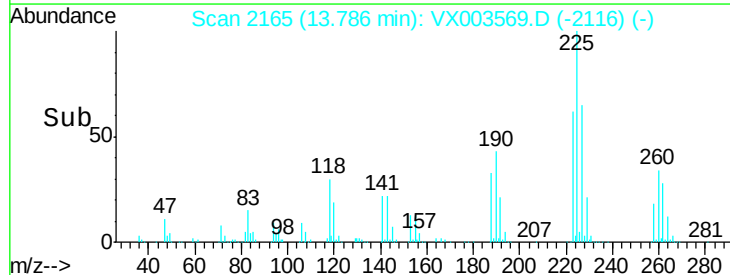
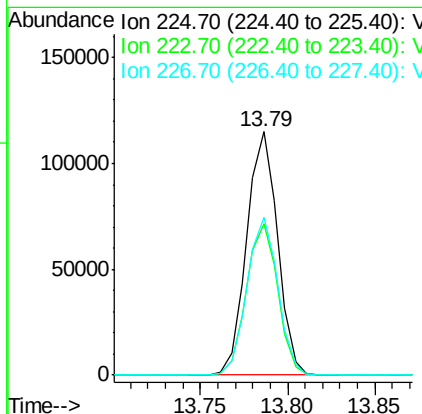
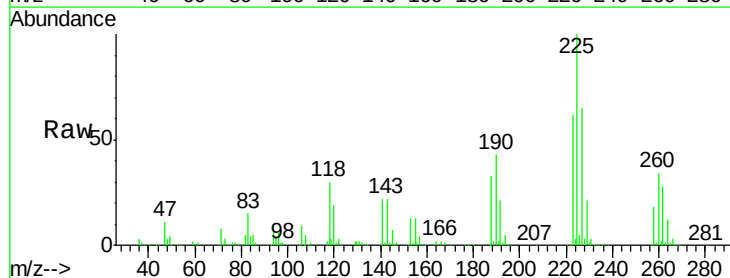
Manual Integrations
 APPROVED

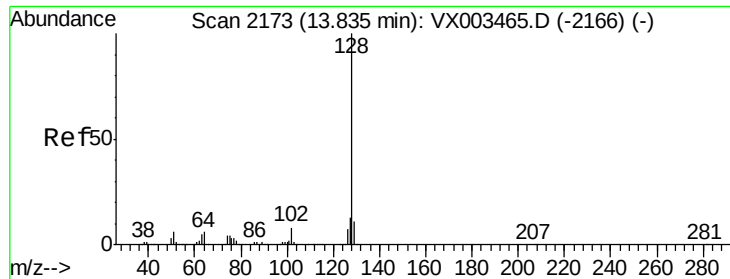
MMDadoda
 7/23/2018 3:19:47 PM



#94
 Hexachlorobutadiene
 Concen: 47.62 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003569.D
 Acq: 21 Jul 2018 21:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	140682		
223	63.0	31.6	95.0	
227	64.7	32.4	97.2	





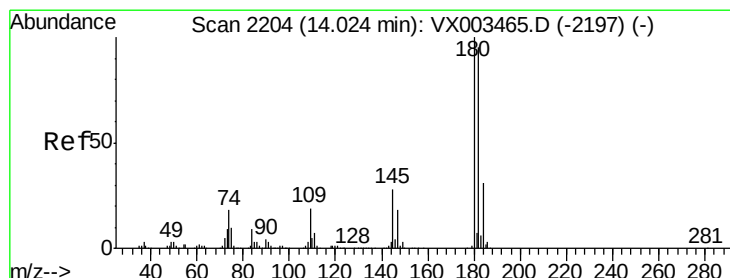
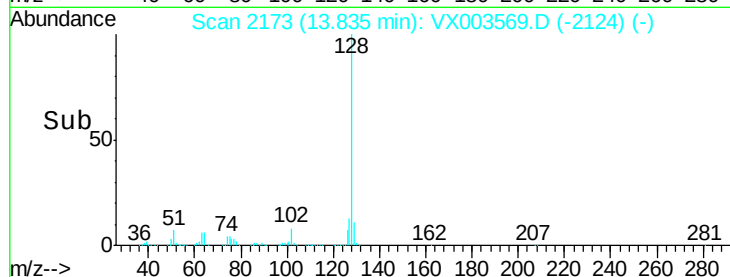
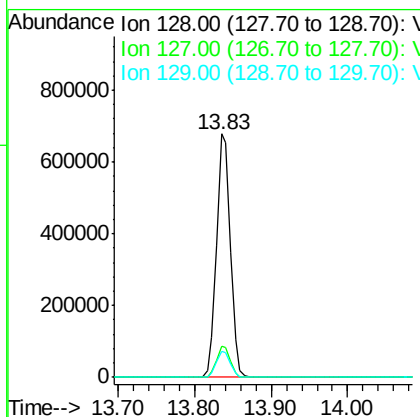
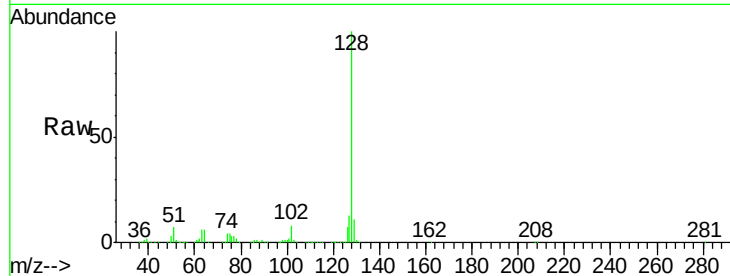
#95
Naphthalene
Concen: 52.53 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

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

Manual Integrations
APPROVED

MMDadoda
7/23/2018 3:19:47 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.47 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003569.D
Acq: 21 Jul 2018 21:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.0	144.0
145	29.6	14.8	44.3

