

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073118\
 Data File : VX003766.D
 Acq On : 31 Jul 2018 22:52
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00G/5.0mL/MSVOA X/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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 8/1/2018 6:54:37 PM

Quant Time: Aug 01 06:51:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	113926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	172584	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	154982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	87113	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	59421	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
35) Dibromofluoromethane	5.50	113	53859	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	
50) Toluene-d8	8.72	98	206165	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
62) 4-Bromofluorobenzene	11.14	95	77089	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	48370	50.30	ug/l	97
3) Chloromethane	1.32	50	64821	53.63	ug/l	97
4) Vinyl Chloride	1.40	62	65374	50.28	ug/l #	88
5) Bromomethane	1.64	94	35810	50.53	ug/l	99
6) Chloroethane	1.71	64	45362	52.76	ug/l	100
7) Trichlorofluoromethane	1.92	101	83119	48.75	ug/l	97
8) Diethyl Ether	2.19	74	34358	53.32	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	54603	50.49	ug/l	100
10) Methyl Iodide	2.51	142	55920	44.97	ug/l	98
11) Tert butyl alcohol	3.08	59	47933	256.91	ug/l	99
12) 1,1-Dichloroethene	2.37	96	52208	51.27	ug/l	86
13) Acrolein	2.29	56	16145	264.49	ug/l	100
14) Allyl chloride	2.72	41	96474	53.44	ug/l	98
15) Acrylonitrile	3.15	53	133269	280.87	ug/l	99
16) Acetone	2.45	43	96606	219.50	ug/l	98
17) Carbon Disulfide	2.56	76	170587	51.49	ug/l	99
18) Methyl Acetate	2.78	43	59613	48.20	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	166387	60.03	ug/l	98
20) Methylene Chloride	2.86	84	65934	57.35	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	62639	56.14	ug/l	92
22) Diisopropyl ether	3.87	45	192836	59.18	ug/l #	90
23) Vinyl Acetate	3.82	43	702783	299.03	ug/l	99
24) 1,1-Dichloroethane	3.70	63	107022	56.32	ug/l	97
25) 2-Butanone	4.70	43	167427	260.96	ug/l	99
26) 2,2-Dichloropropane	4.59	77	76576	51.16	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	69896	58.13	ug/l	98
28) Bromochloromethane	5.02	49	46984	55.12	ug/l	98
29) Tetrahydrofuran	5.16	42	114176	279.25	ug/l	99
30) Chloroform	5.21	83	108497	57.94	ug/l	94
31) Cyclohexane	5.57	56	91546	49.87	ug/l	89
32) 1,1,1-Trichloroethane	5.50	97	84036	52.22	ug/l	100
36) 1,1-Dichloropropene	5.80	75	78008	48.27	ug/l	98
37) Ethyl Acetate	4.85	43	64681	52.10	ug/l	98
38) Carbon Tetrachloride	5.79	117	72036	48.19	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	99151	49.97	ug/l	97
40) Benzene	6.14	78	236900	51.15	ug/l	94
41) Methacrylonitrile	5.06	41	40102	57.30	ug/l	97
42) 1,2-Dichloroethane	6.20	62	80497	57.54	ug/l	99
43) Isopropyl Acetate	6.46	43	112585	56.91	ug/l	99
44) Trichloroethene	7.21	130	69236	52.40	ug/l	89
45) 1,2-Dichloropropane	7.52	63	61520	54.01	ug/l	96
46) Dibromomethane	7.67	93	34933	53.22	ug/l	99
47) Bromodichloromethane	7.90	83	70763	54.10	ug/l	100
48) Methyl methacrylate	7.77	41	54173	54.60	ug/l	99
49) 1,4-Dioxane	7.75	88	21313	1064.23	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	317427	261.11	ug/l	100
52) Toluene	8.79	92	146013	50.54	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	78760	52.72	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	88824	53.34	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	52441	52.74	ug/l	98
56) Ethyl methacrylate	9.18	69	76177	55.77	ug/l	99
57) 1,3-Dichloropropane	9.37	76	89105	53.38	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	198744	271.20	ug/l	100
59) 2-Hexanone	9.50	43	237604	256.55	ug/l	100
60) Dibromochloromethane	9.59	129	53826	53.75	ug/l	100
61) 1,2-Dibromoethane	9.68	107	53531	52.73	ug/l	98
64) Tetrachloroethene	9.34	164	65592	53.84	ug/l	98
65) Chlorobenzene	10.14	112	168976	52.17	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	56477	53.48	ug/l	99
67) Ethyl Benzene	10.26	91	282400	51.64	ug/l	100
68) m/p-Xylenes	10.36	106	222303	103.92	ug/l	99
69) o-Xylene	10.70	106	105536	53.13	ug/l	99
70) Styrene	10.71	104	181676	54.37	ug/l	99
71) Bromoform	10.86	173	38606	53.16	ug/l #	99
73) Isopropylbenzene	11.02	105	286659	52.56	ug/l	100
74) N-amyl acetate	6.46	43	112585	58.24	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	11.27	83	74216	52.35	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	64044m	53.34	ug/l	
77) Bromobenzene	11.26	156	74824	52.63	ug/l	98
78) n-propylbenzene	11.36	91	343971	52.06	ug/l	100
79) 2-Chlorotoluene	11.42	91	197665	52.70	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	247679	53.21	ug/l #	68
81) trans-1,4-Dichloro-2-buten	11.08	75	20627	50.88	ug/l	96
82) 4-Chlorotoluene	11.51	91	239279	52.59	ug/l	100
83) tert-Butylbenzene	11.77	119	238485	51.80	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	255930	53.42	ug/l	99
85) sec-Butylbenzene	11.95	105	304817	51.75	ug/l	100
86) p-Isopropyltoluene	12.07	119	277156	51.77	ug/l #	70
87) 1,3-Dichlorobenzene	12.03	146	146640	50.99	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	148394	50.57	ug/l	100
89) n-Butylbenzene	12.39	91	263401	51.70	ug/l	99
90) Hexachloroethane	12.60	117	41048	51.64	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	139077	51.93	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14337	50.96	ug/l	98

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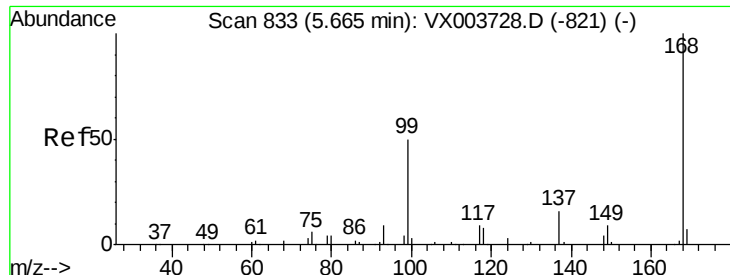
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	103045	48.50	ug/l	100
94) Hexachlorobutadiene	13.79	225	63295	46.58	ug/l	100
95) Naphthalene	13.83	128	263475	58.03	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	87980	45.62	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: VX003766.D

Acq: 31 Jul 2018 22:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 113926

Ion Ratio Lower Upper

168 100

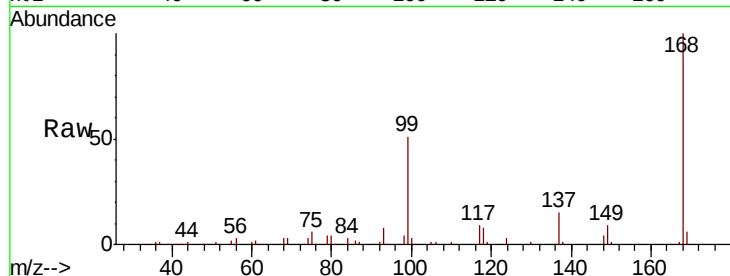
99 51.3 40.2 60.2

Manual Integrations

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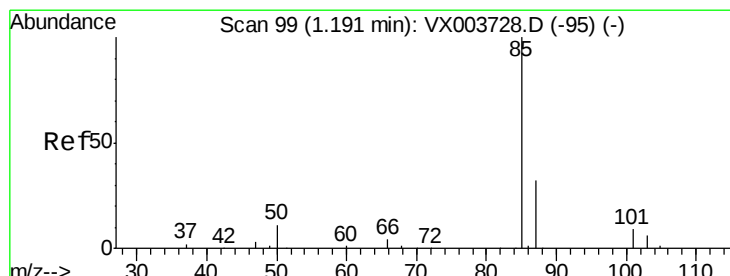
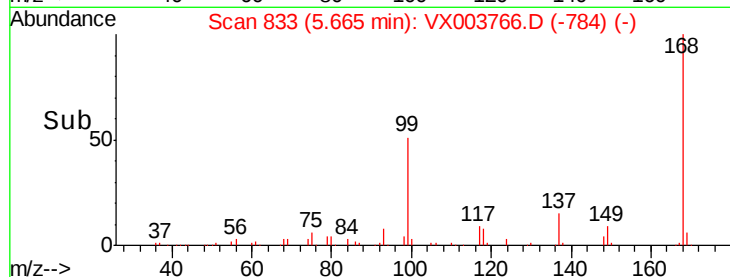
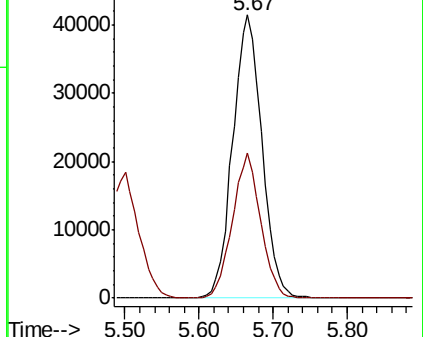
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.30 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.01 min

Lab File: VX003766.D

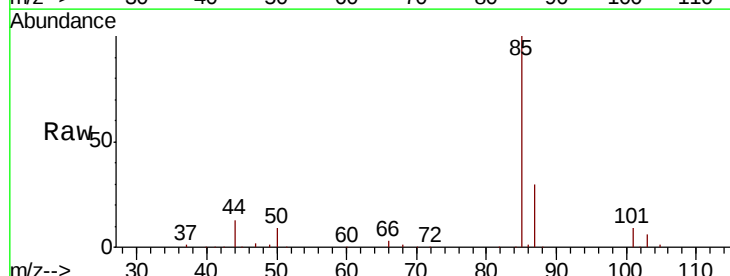
Acq: 31 Jul 2018 22:52

Tgt Ion: 85 Resp: 48370

Ion Ratio Lower Upper

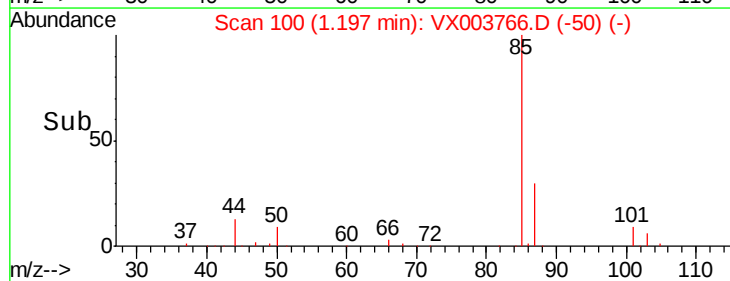
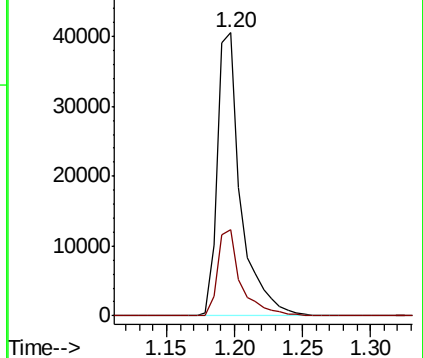
85 100

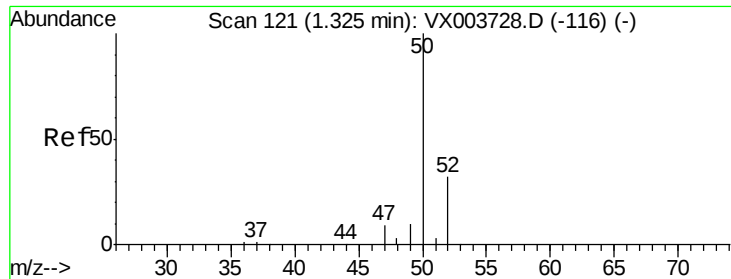
87 30.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 53.63 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003766.D

Acq: 31 Jul 2018 22:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 64821

Ion Ratio Lower Upper

50 100

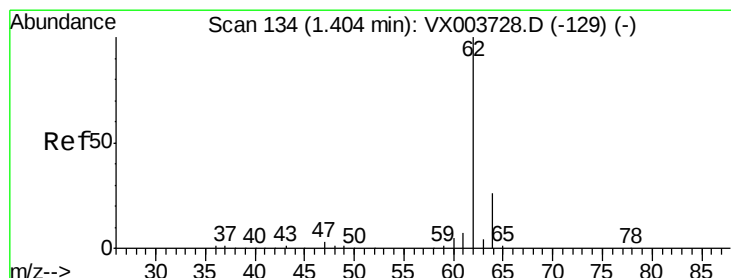
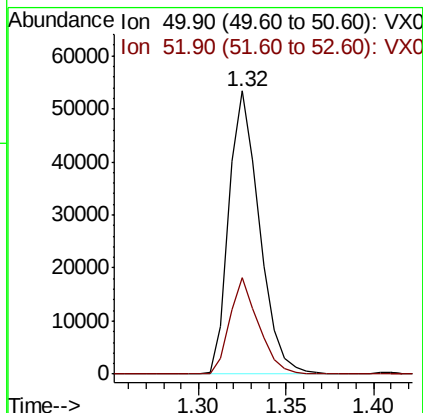
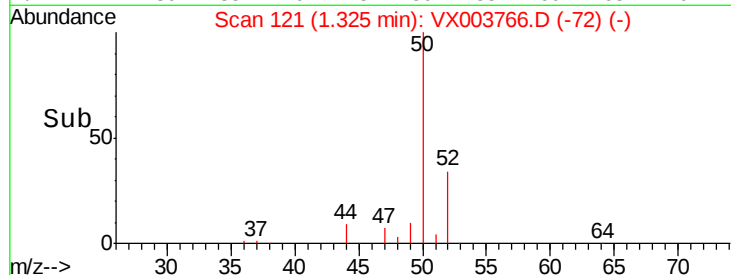
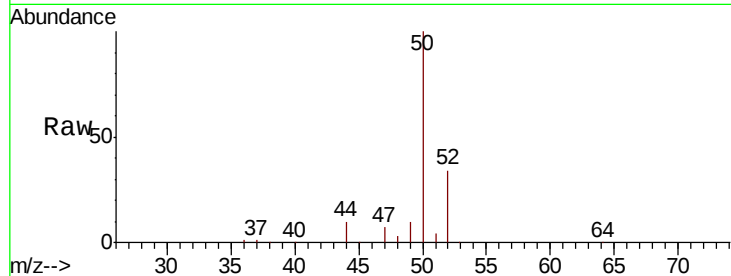
52 34.1 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.28 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003766.D

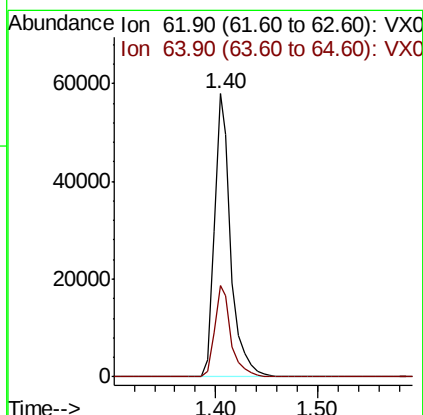
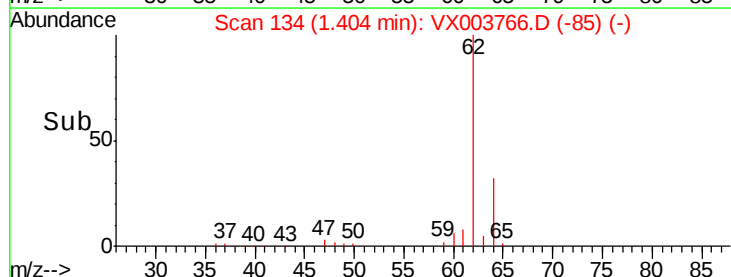
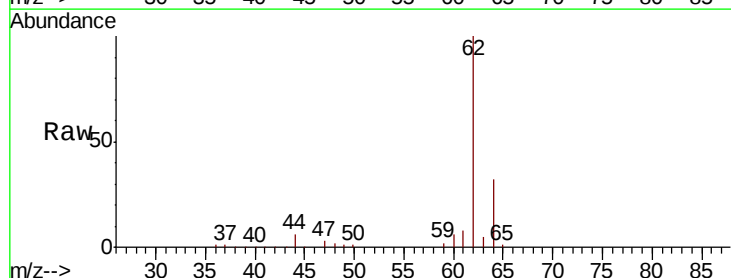
Acq: 31 Jul 2018 22:52

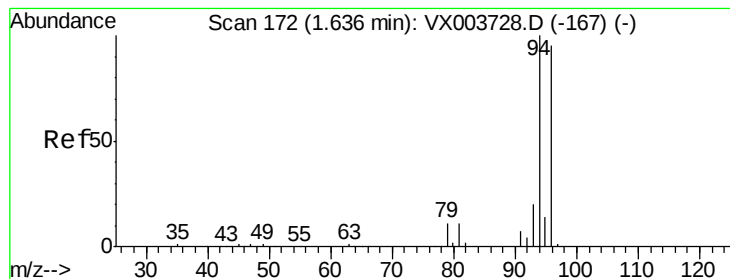
Tgt Ion: 62 Resp: 65374

Ion Ratio Lower Upper

62 100

64 32.1 21.0 31.4#





#5

Bromomethane

Concen: 50.53 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003766.D

Acq: 31 Jul 2018 22:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 35810

Ion Ratio Lower Upper

94 100

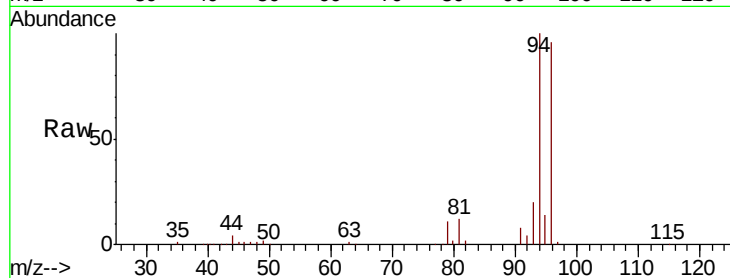
96 96.4 76.0 114.0

Manual Integrations

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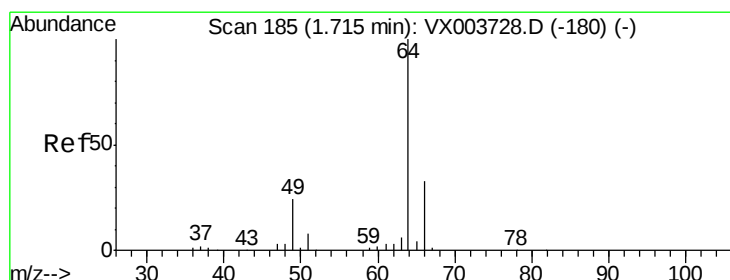
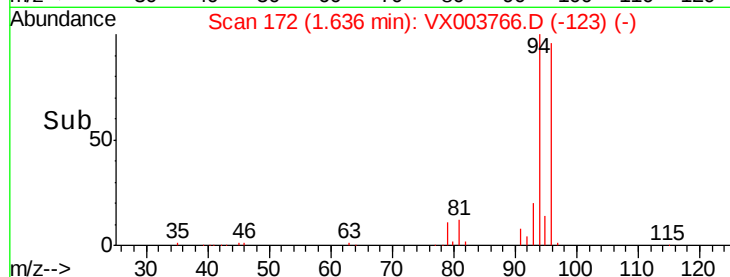
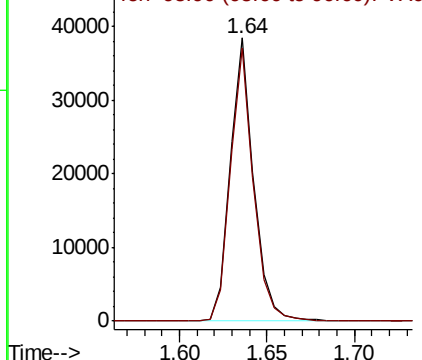
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.76 ug/l

RT: 1.71 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003766.D

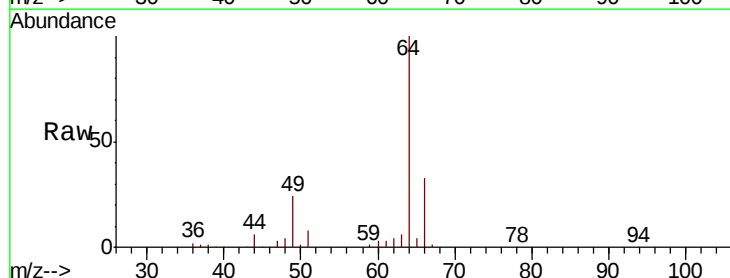
Acq: 31 Jul 2018 22:52

Tgt Ion: 64 Resp: 45362

Ion Ratio Lower Upper

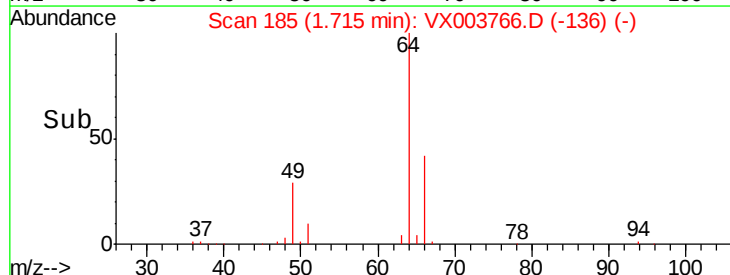
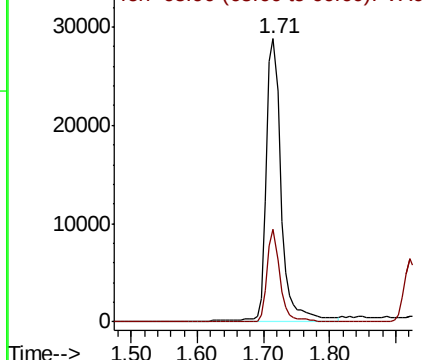
64 100

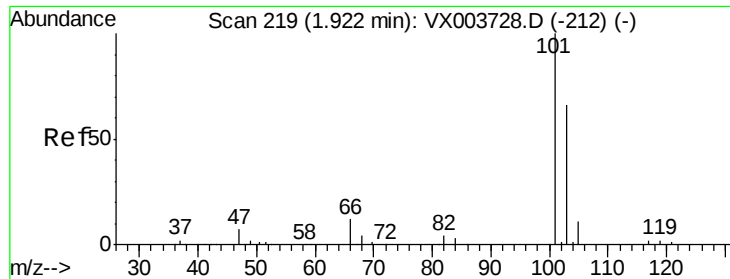
66 32.8 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

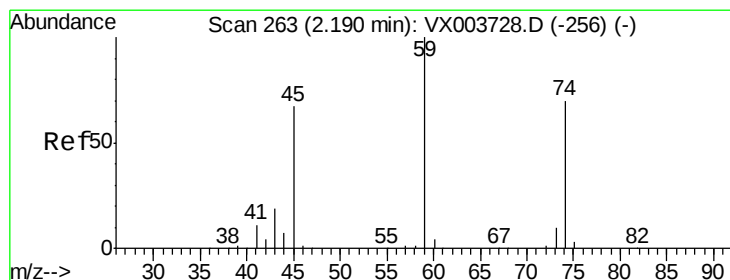
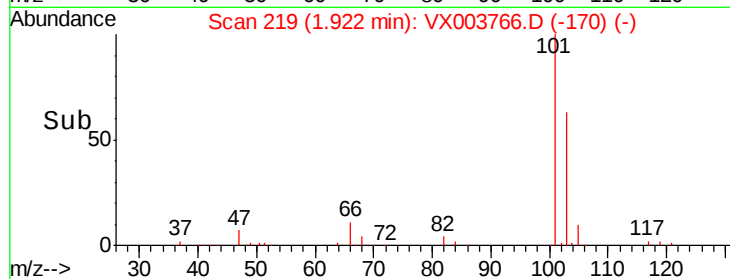
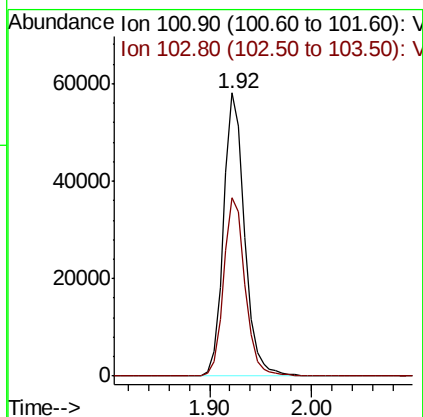
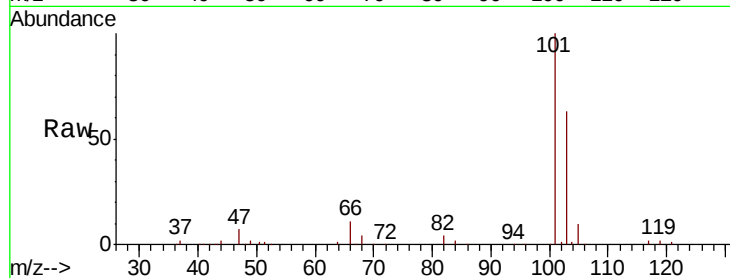
Trichlorofluoromethane
Concen: 48.75 ug/l
RT: 1.92 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX003766.D
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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.9	52.6	78.8

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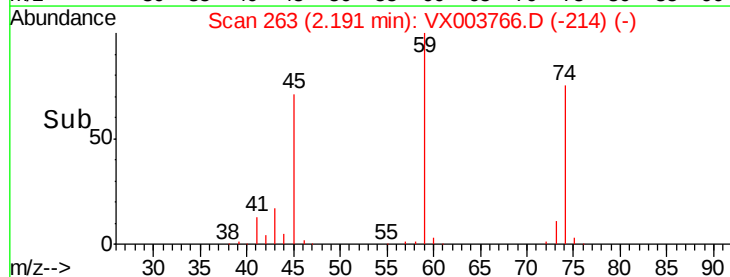
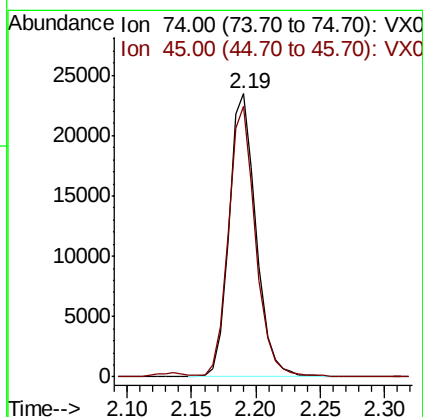
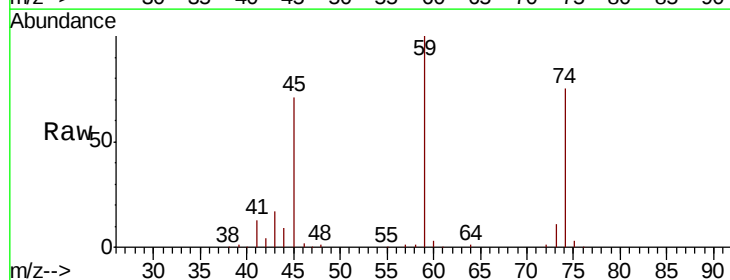
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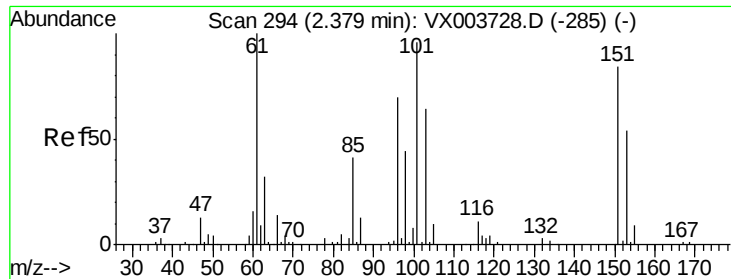


#8

Diethyl Ether
Concen: 53.32 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.5	49.5	148.7





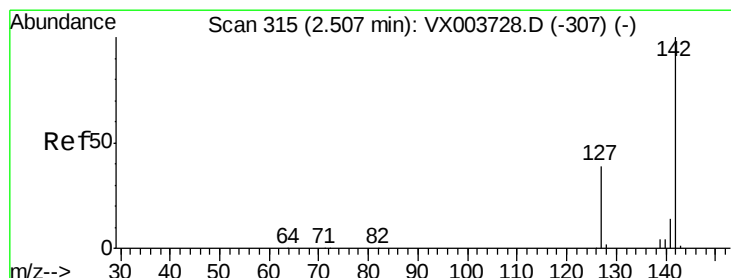
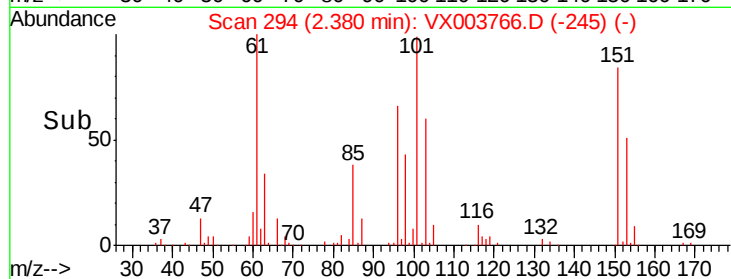
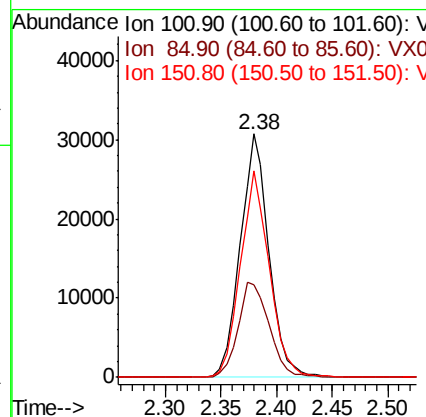
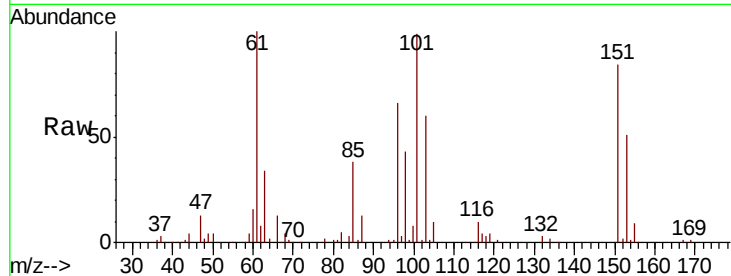
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.49 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX003766.D
 Acq: 31 Jul 2018 22:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
85	42.1	33.3	49.9
151	85.8	68.8	103.2

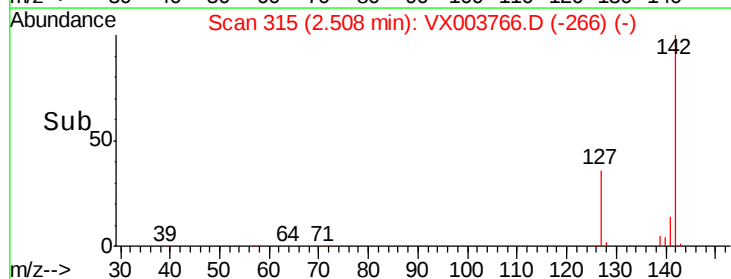
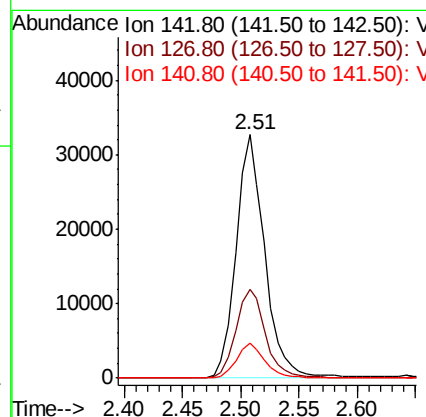
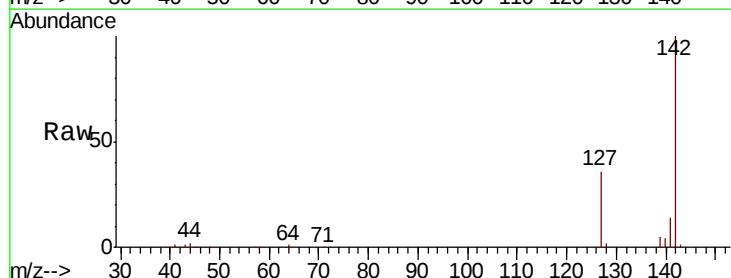
Manual Integrations
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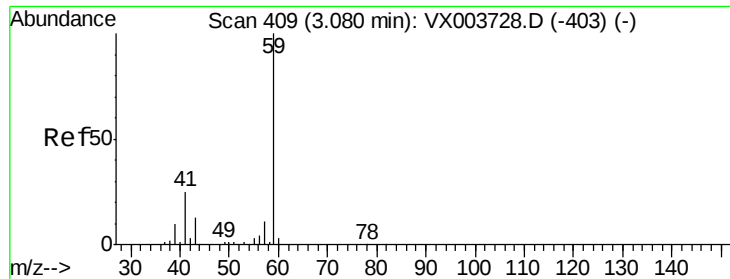
apatel
 8/1/2018 6:54:37 PM



#10
 Methyl Iodide
 Concen: 44.97 ug/l
 RT: 2.51 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: VX003766.D
 Acq: 31 Jul 2018 22:52

Tgt Ion	Ratio	Lower	Upper
142	100		
127	38.0	32.0	48.0
141	14.3	11.3	16.9





#11

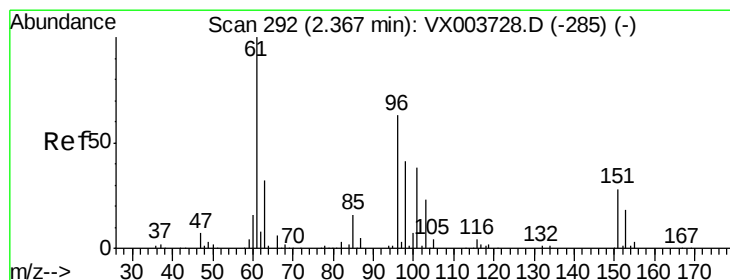
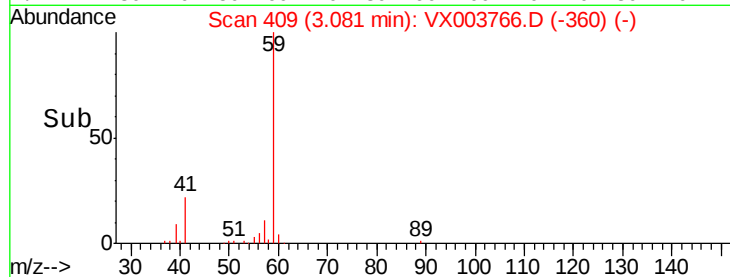
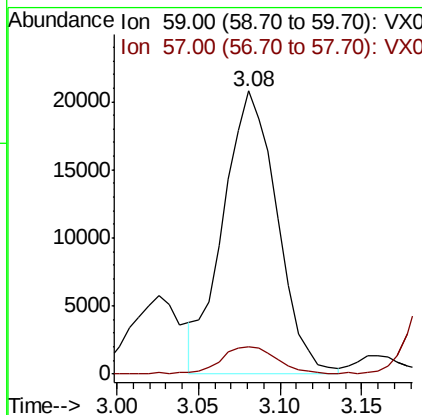
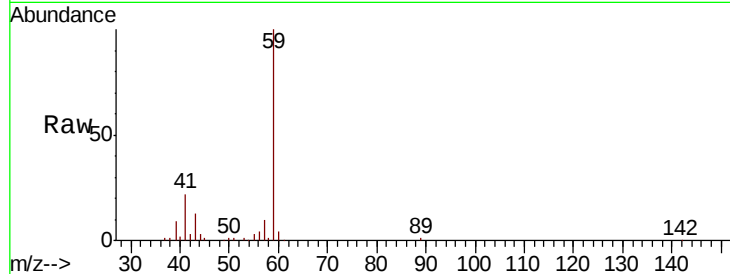
Tert butyl alcohol
Concen: 256.91 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX003766.D
Acq: 31 Jul 2018 22:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.1	12.1

Manual Integrations
APPROVED

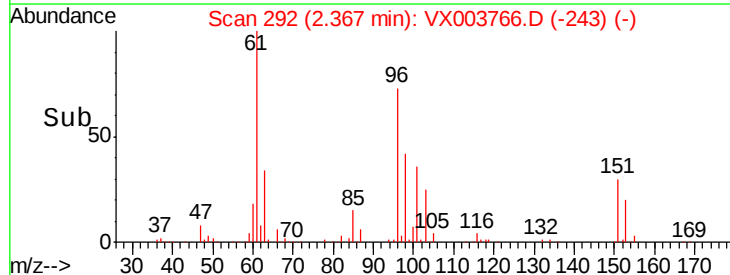
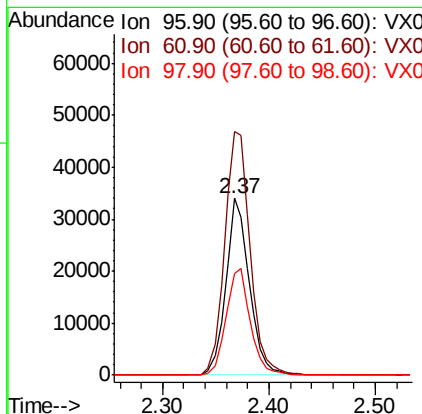
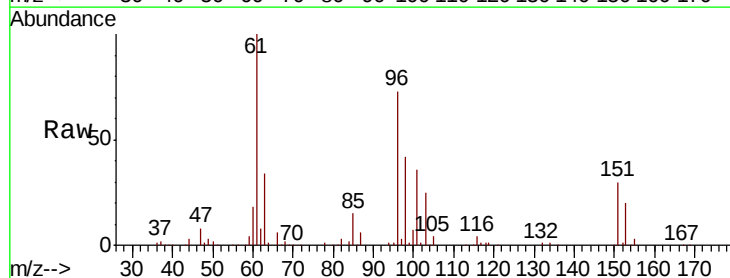
apatel
8/1/2018 6:54:37 PM

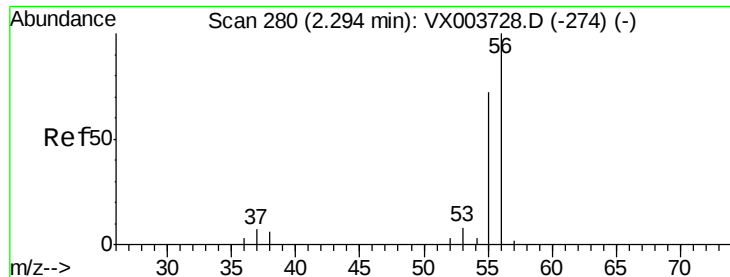


#12

1,1-Dichloroethene
Concen: 51.27 ug/l
RT: 2.37 min Scan# 292
Delta R.T. 0.00 min
Lab File: VX003766.D
Acq: 31 Jul 2018 22:52

Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.6	127.1	190.7
98	57.5	52.0	78.0





#13

Acrolein

Concen: 264.49 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003766.D

Acq: 31 Jul 2018 22:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 16145

Ion Ratio Lower Upper

56 100

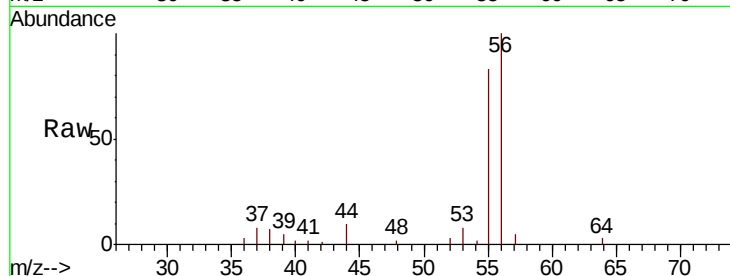
55 76.5 61.4 92.0

Manual Integrations

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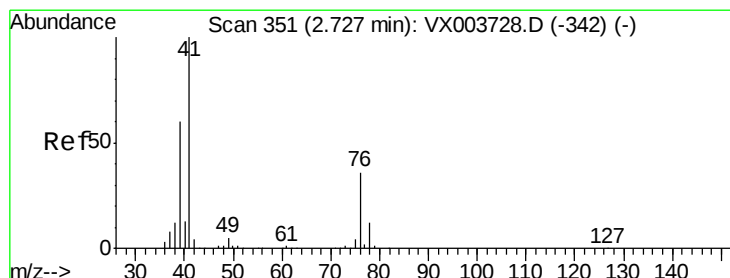
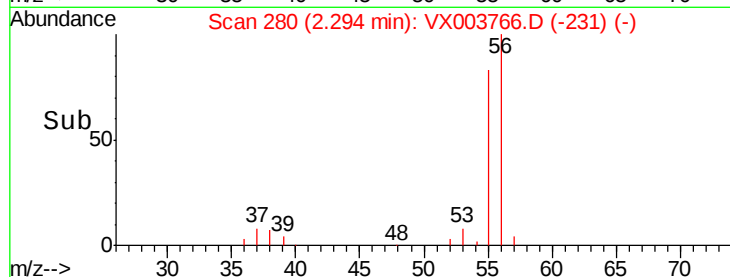
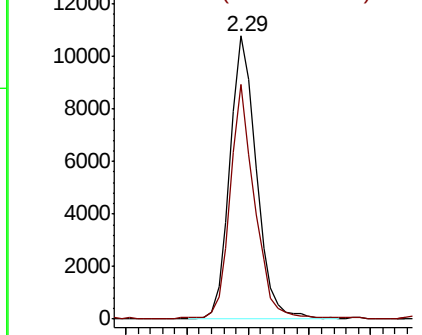
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 53.44 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX003766.D

Acq: 31 Jul 2018 22:52

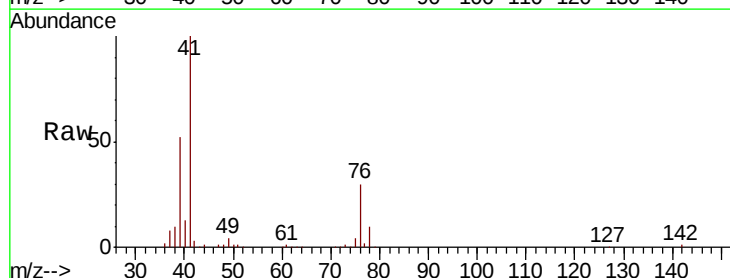
Tgt Ion: 41 Resp: 96474

Ion Ratio Lower Upper

41 100

39 57.7 47.7 71.5

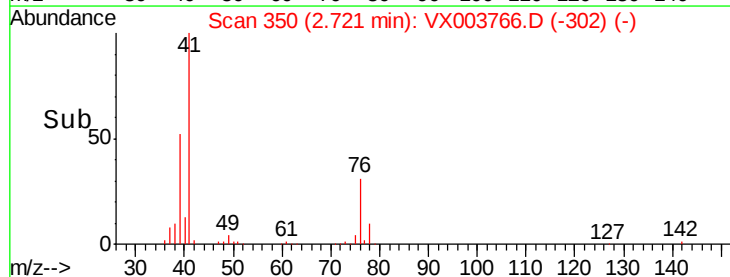
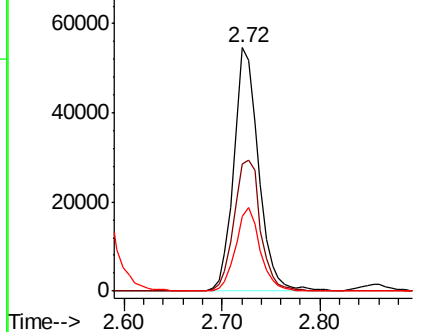
76 33.7 27.0 40.6

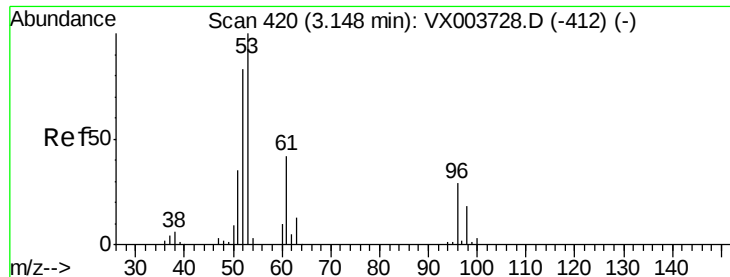


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 280.87 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.01 min

Lab File: VX003766.D

Acq: 31 Jul 2018 22:52

Instrument :

MSVOA_X

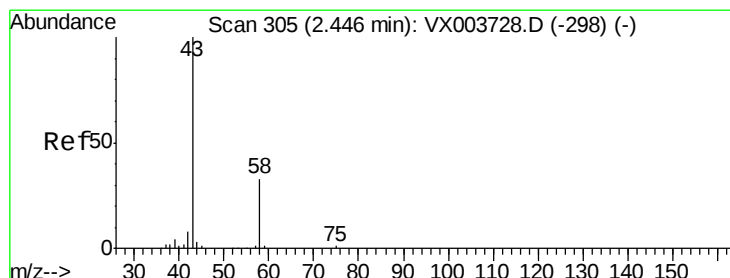
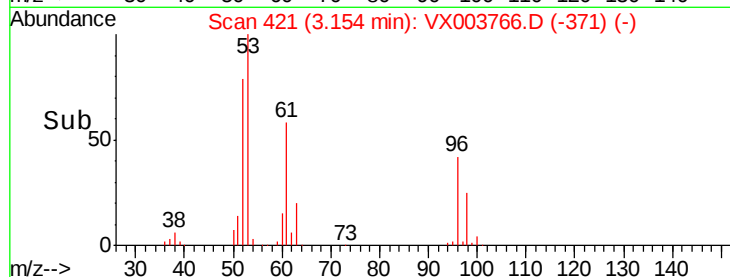
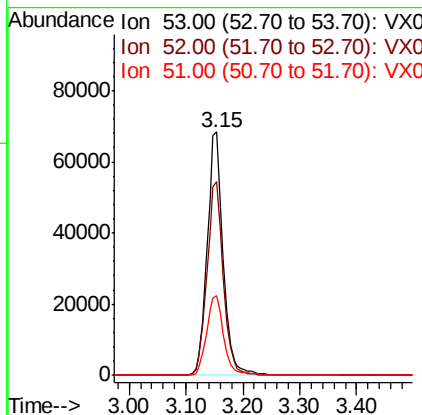
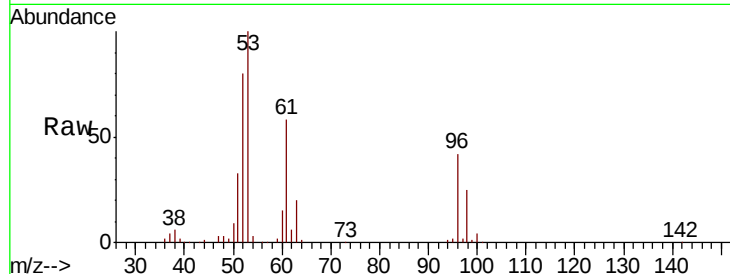
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	133269
Ion Ratio	Lower	Upper	
53	100		
52	81.4	66.2	99.2
51	35.5	28.5	42.7

Manual Integrations
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#16

Acetone

Concen: 219.50 ug/l

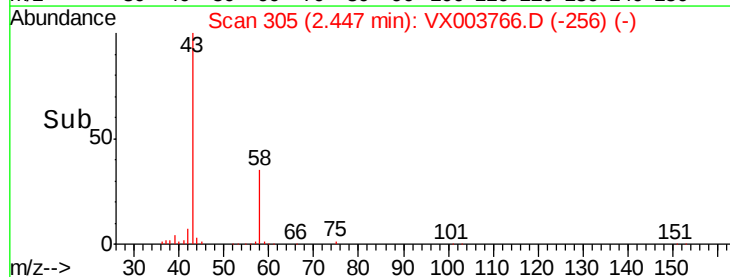
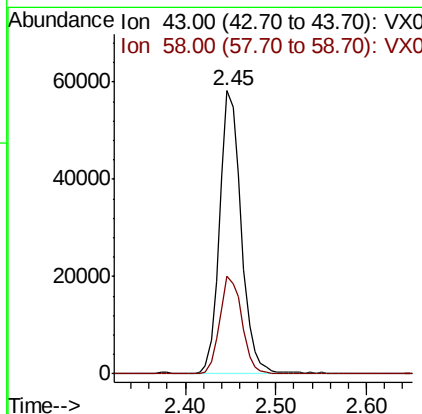
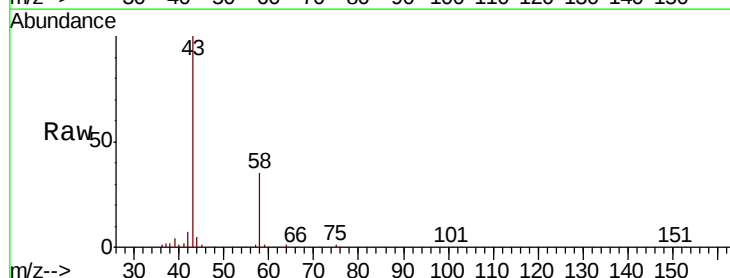
RT: 2.45 min Scan# 305

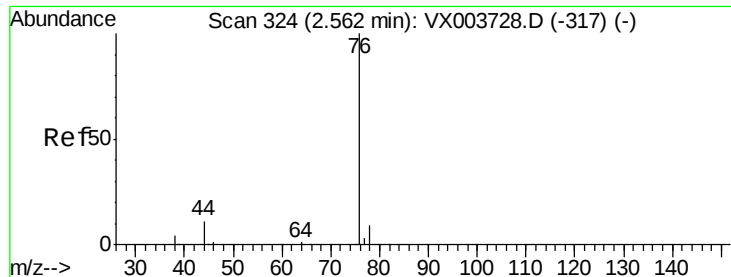
Delta R.T. 0.00 min

Lab File: VX003766.D

Acq: 31 Jul 2018 22:52

Tgt Ion:	43	Resp:	96606
Ion Ratio	Lower	Upper	
43	100		
58	34.7	26.7	40.1





#17

Carbon Disulfide

Concen: 51.49 ug/l

RT: 2.56 min Scan# 324

Delta R.T. 0.00 min

Lab File: VX003766.D

Acq: 31 Jul 2018 22:52

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 170587

Ion Ratio Lower Upper

76 100

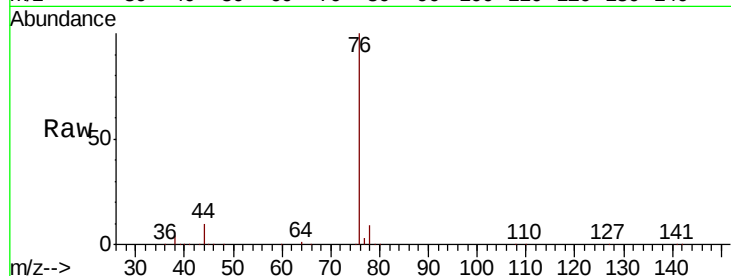
78 8.8 7.3 10.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

120000

100000

80000

60000

40000

20000

0

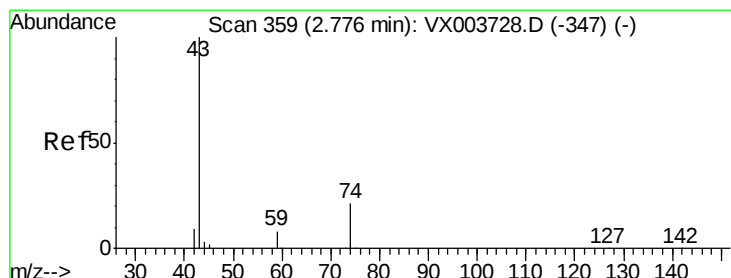
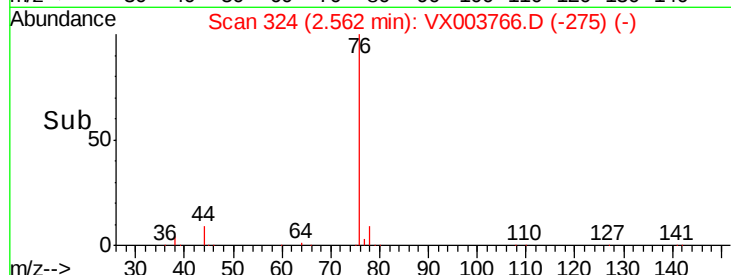
2.56

2.50

2.60

2.70

Time-->



#18

Methyl Acetate

Concen: 48.20 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.01 min

Lab File: VX003766.D

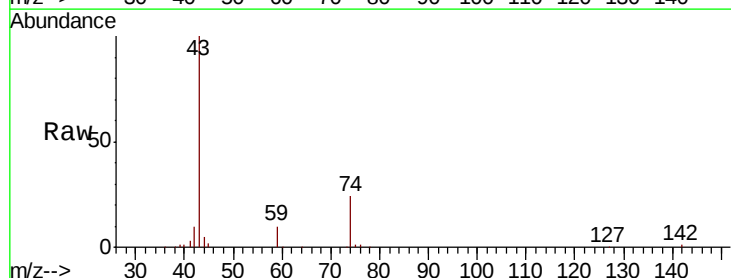
Acq: 31 Jul 2018 22:52

Tgt Ion: 43 Resp: 59613

Ion Ratio Lower Upper

43 100

74 24.2 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

30000

20000

10000

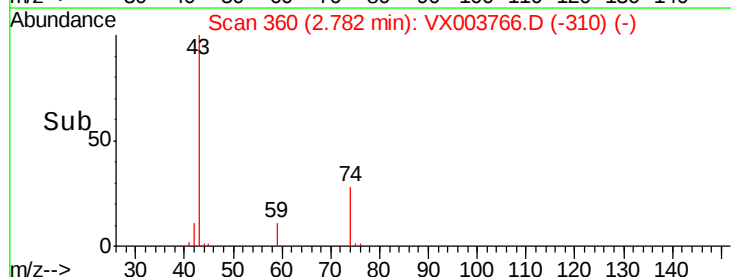
0

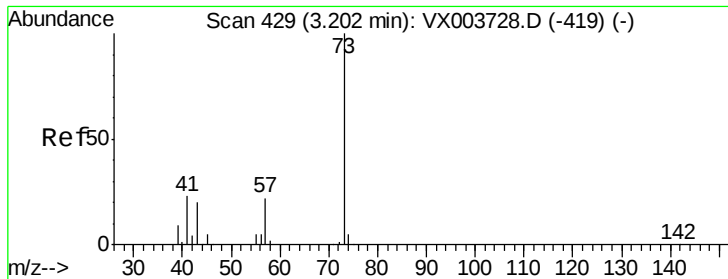
2.78

2.70

2.80

Time-->





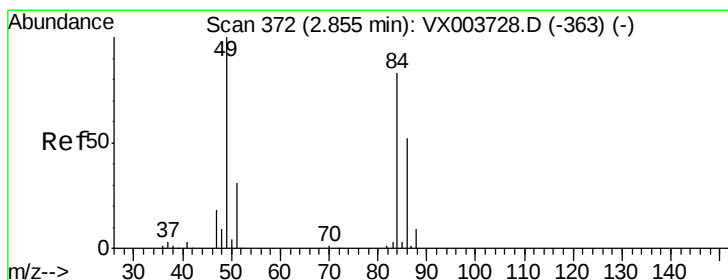
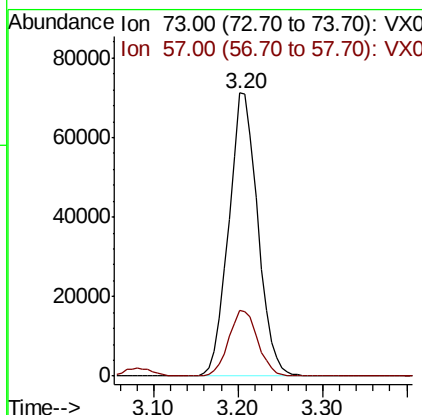
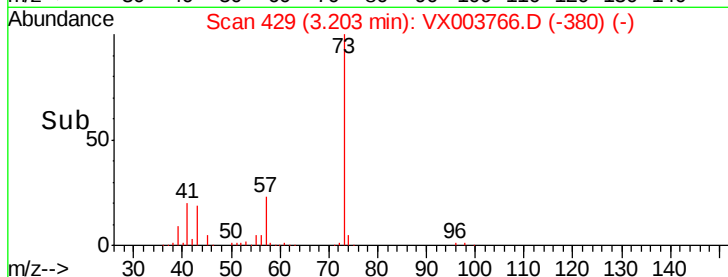
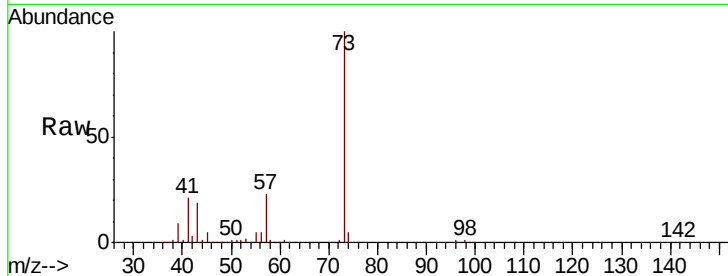
#19
Methvl tert-butvl Ether
Concen: 60.03 ug/l
RT: 3.20 min Scan# 429
Delta R.T. 0.00 min
Lab File: VX003766.D
Acq: 31 Jul 2018 22:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.3	18.0	27.0

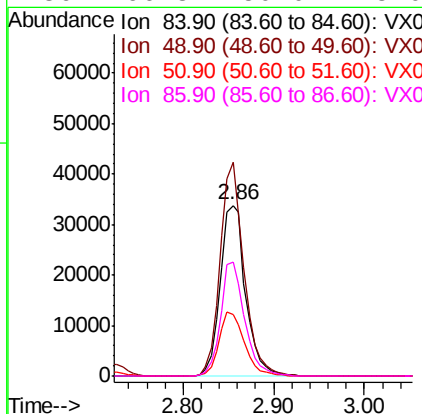
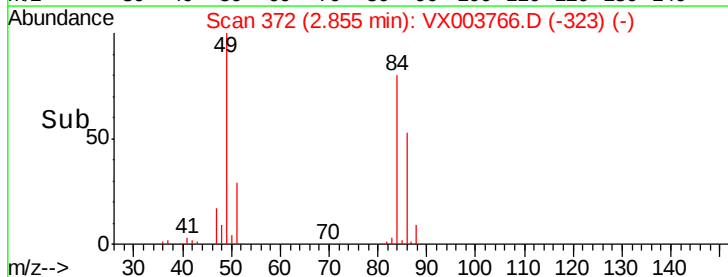
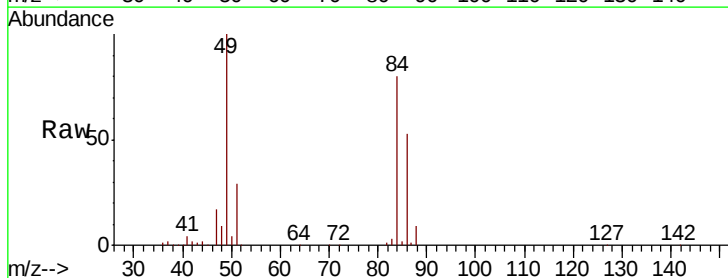
Manual Integrations
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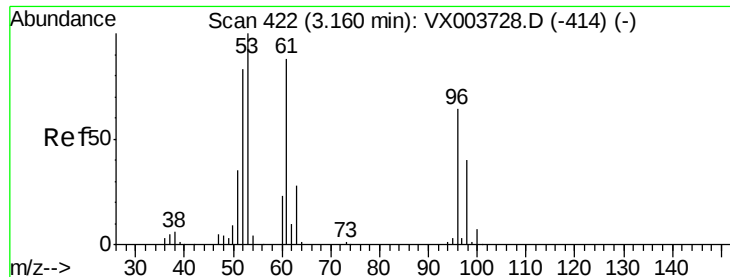
apatel
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#20
Methylene Chloride
Concen: 57.35 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003766.D
Acq: 31 Jul 2018 22:52

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.3	95.8	143.8
51	35.8	29.6	44.4
86	66.8	50.0	75.0





#21

trans-1,2-Dichloroethene

Concen: 56.14 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003766.D

Acq: 31 Jul 2018 22:52

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 96 Resp: 62639

Ion Ratio Lower Upper

96 100

61 128.9 110.9 166.3

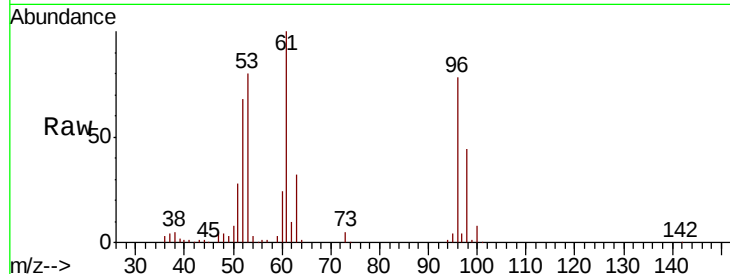
98 56.4 50.2 75.4

Manual Integrations

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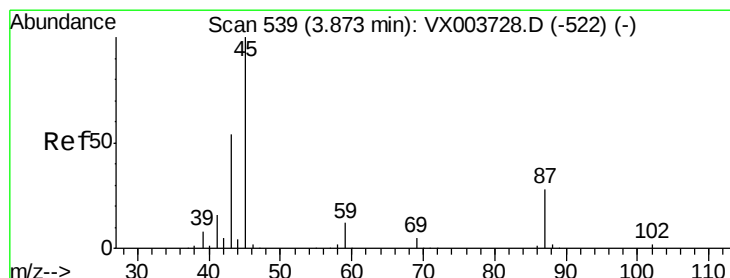
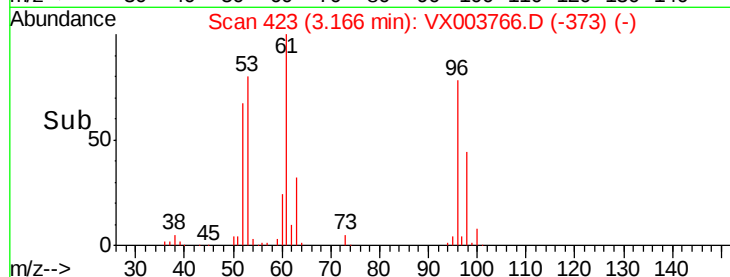
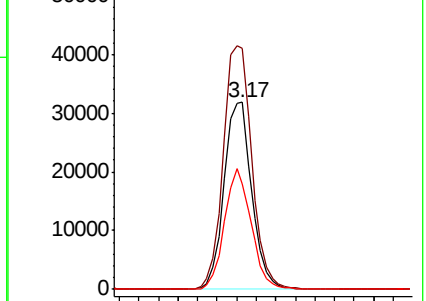
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Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 59.18 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX003766.D

Acq: 31 Jul 2018 22:52

Tgt Ion: 45 Resp: 192836

Ion Ratio Lower Upper

45 100

43 65.8 43.5 65.3#

87 29.3 22.6 33.8

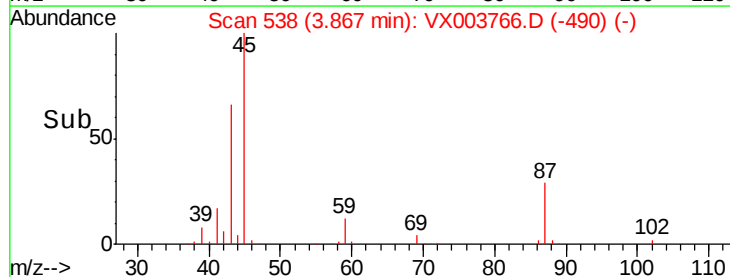
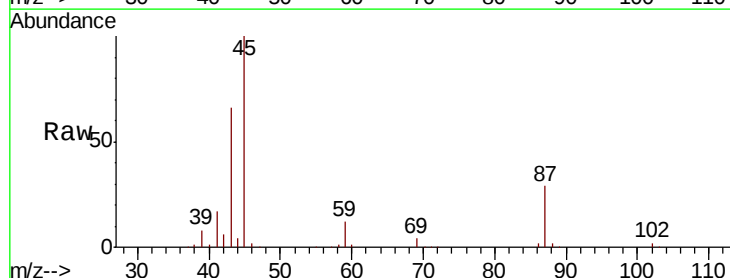
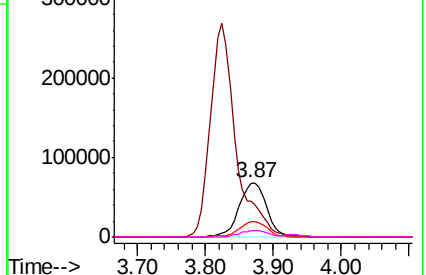
59 12.3 9.3 13.9

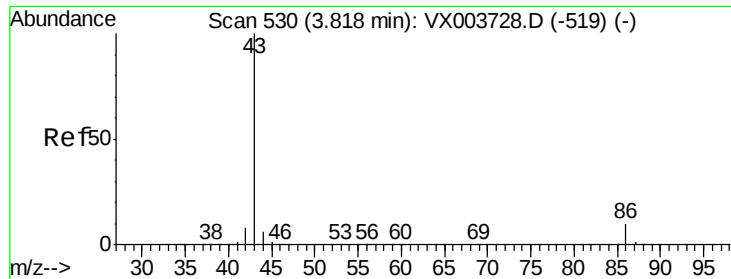
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 299.03 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.01 min

Lab File: VX003766.D

Acq: 31 Jul 2018 22:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 702783

Ion Ratio Lower Upper

43 100

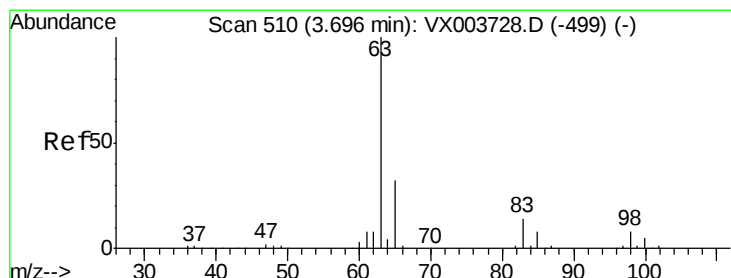
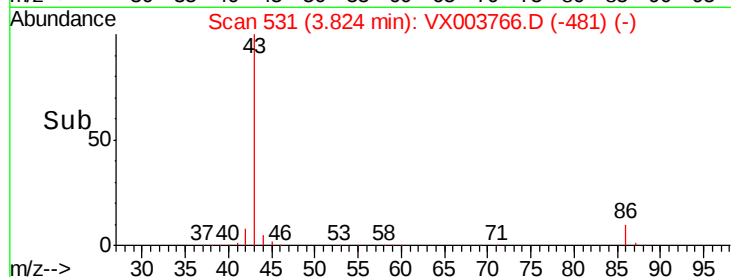
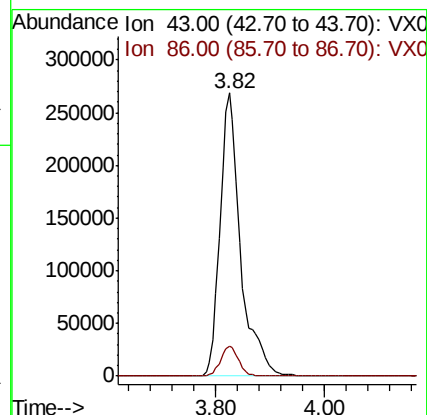
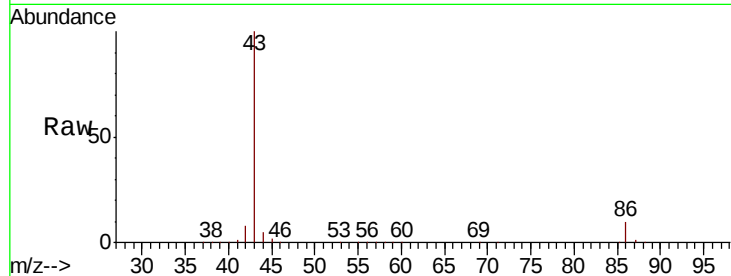
86 10.5 8.2 12.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 56.32 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003766.D

Acq: 31 Jul 2018 22:52

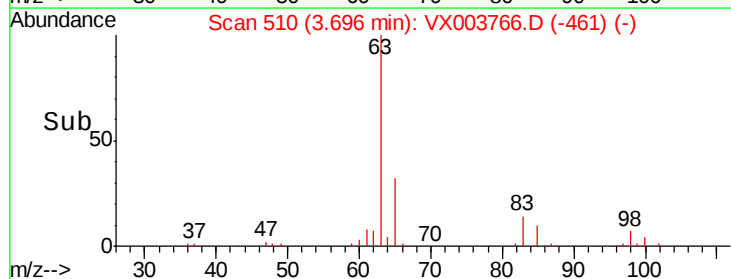
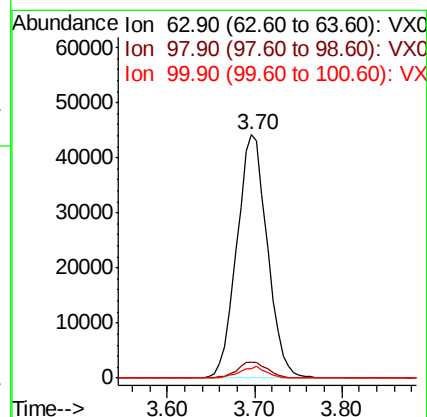
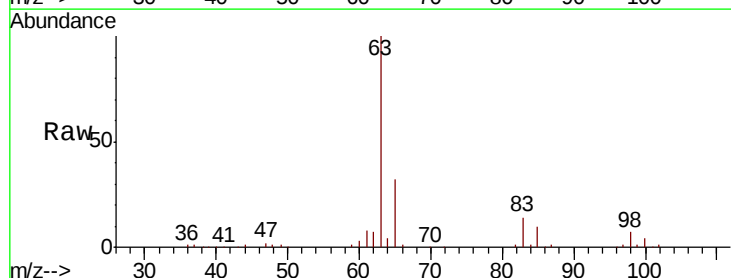
Tgt Ion: 63 Resp: 107022

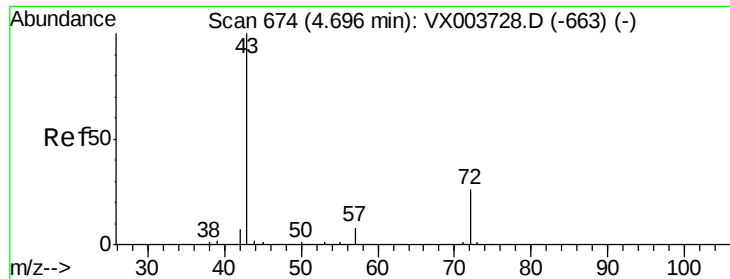
Ion Ratio Lower Upper

63 100

98 6.7 4.0 12.0

100 4.1 2.4 7.2





#25

2-Butanone

Concen: 260.96 ug/l

RT: 4.70 min Scan# 674

Delta R.T. 0.00 min

Lab File: VX003766.D

Acq: 31 Jul 2018 22:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 167427

Ion Ratio Lower Upper

43 100

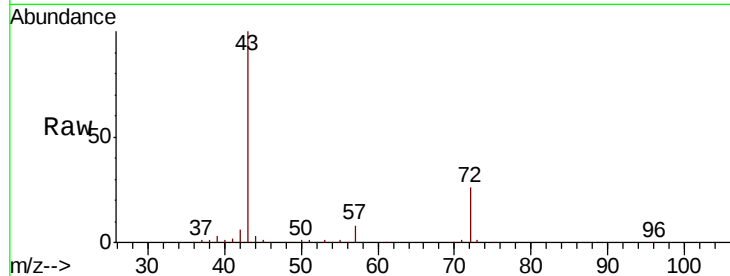
72 26.4 20.9 31.3

Manual Integrations

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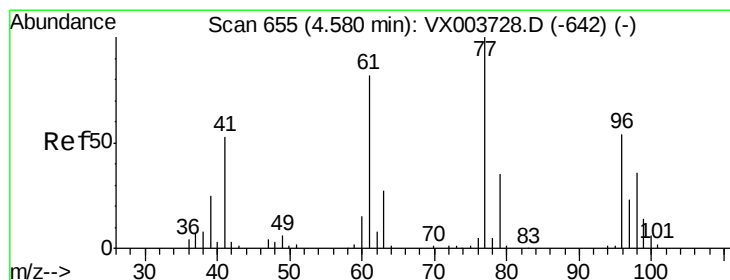
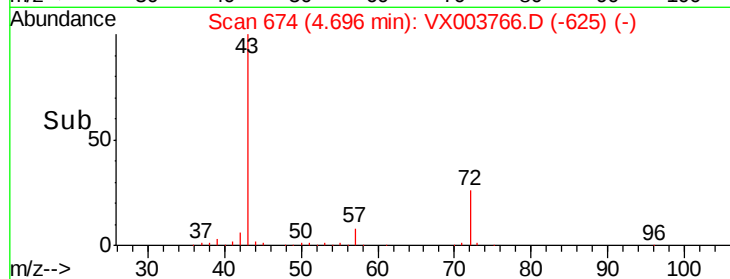
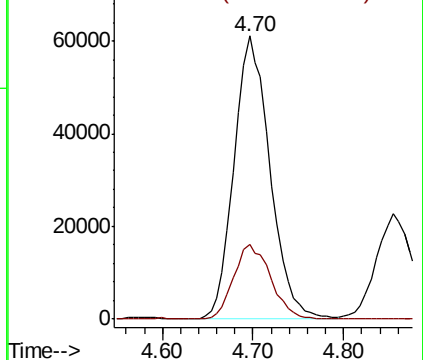
apatel

8/1/2018 6:54:37 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 51.16 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX003766.D

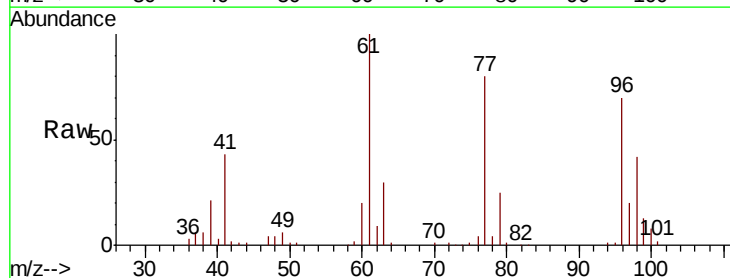
Acq: 31 Jul 2018 22:52

Tgt Ion: 77 Resp: 76576

Ion Ratio Lower Upper

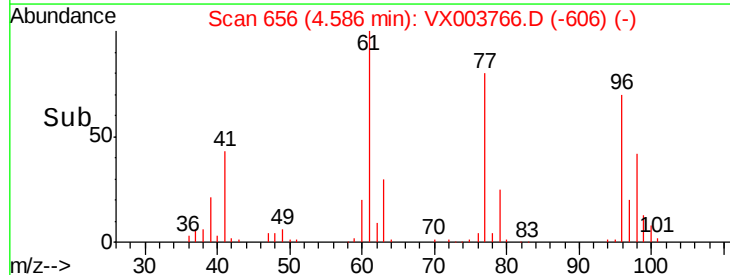
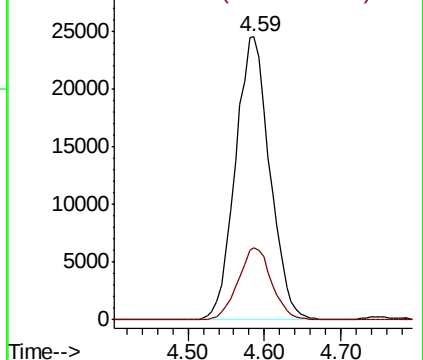
77 100

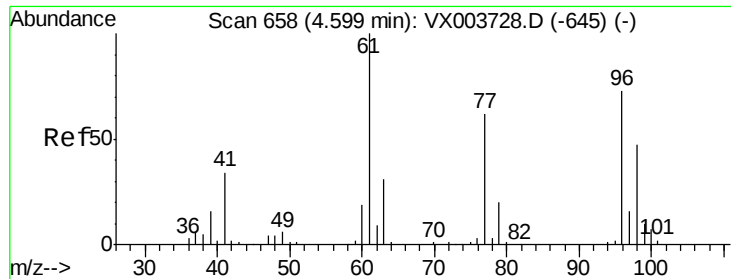
97 24.8 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 58.13 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003766.D

Acq: 31 Jul 2018 22:52

Instrument :

MSVOA_X

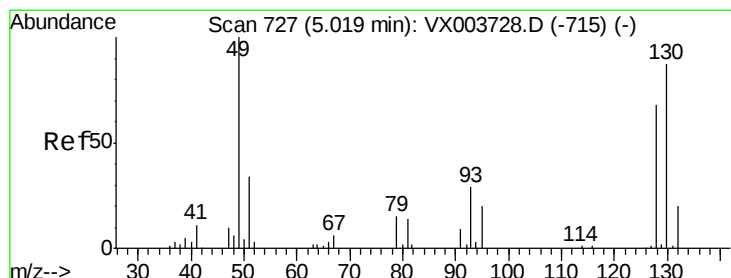
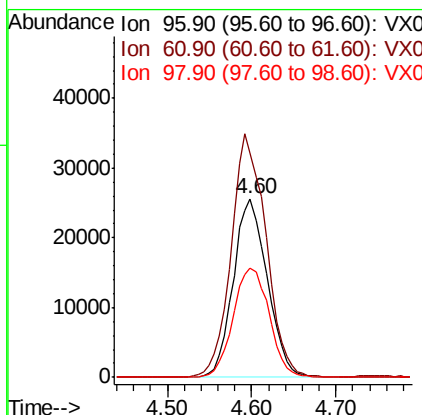
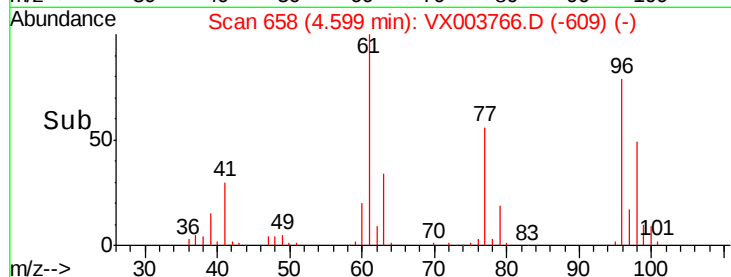
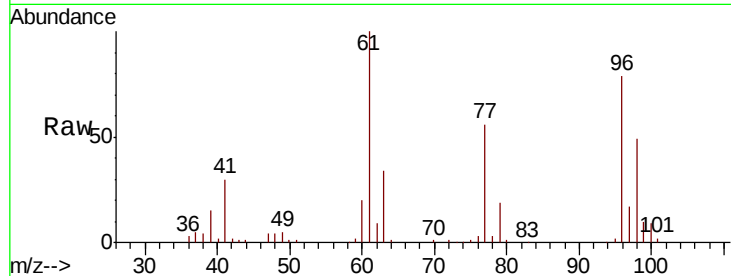
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	69896
Ion	Ratio	Lower	Upper
96	100		
61	139.9	0.0	285.6
98	64.6	0.0	131.0

Manual Integrations
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#28

Bromochloromethane

Concen: 55.12 ug/l

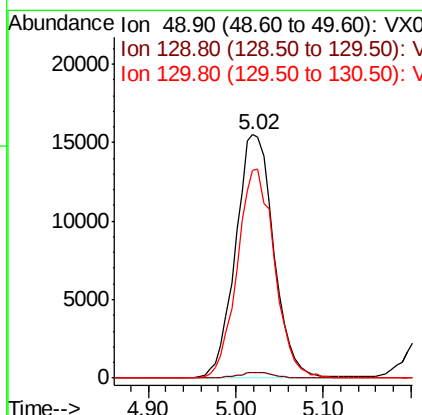
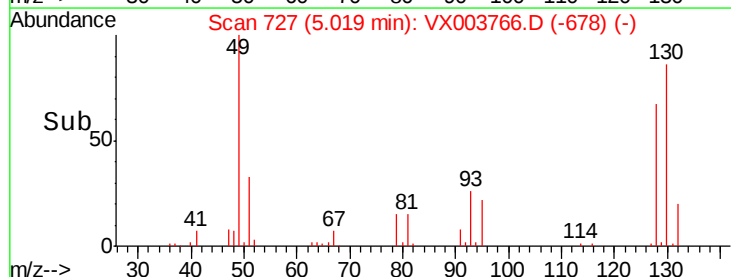
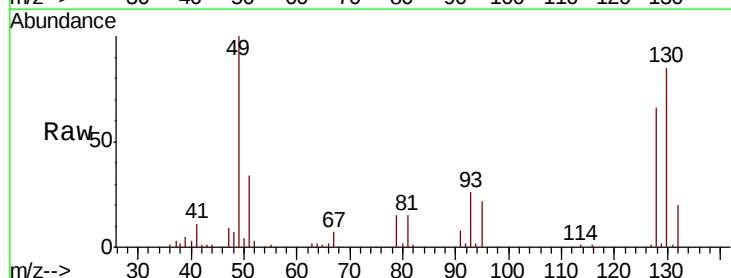
RT: 5.02 min Scan# 727

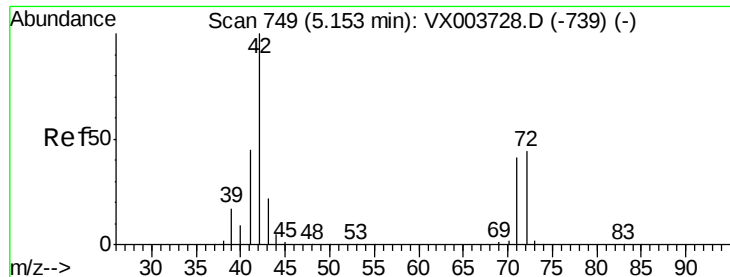
Delta R.T. 0.00 min

Lab File: VX003766.D

Acq: 31 Jul 2018 22:52

Tgt Ion:	49	Resp:	46984
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	83.9	68.9	103.3





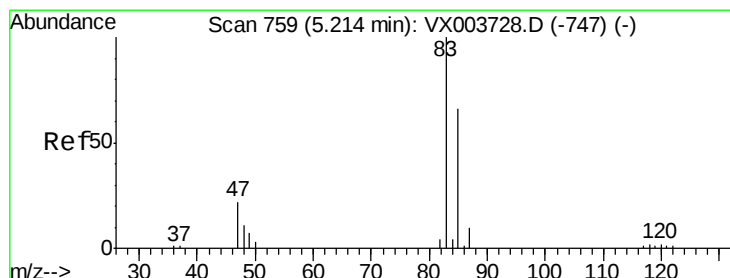
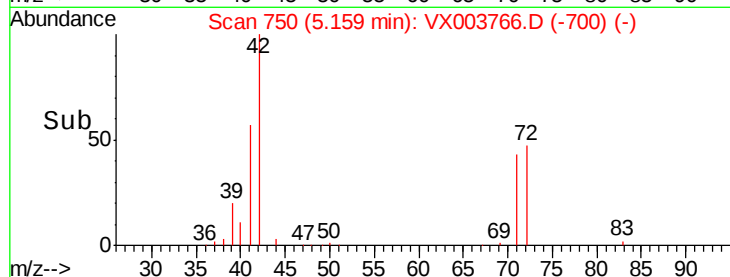
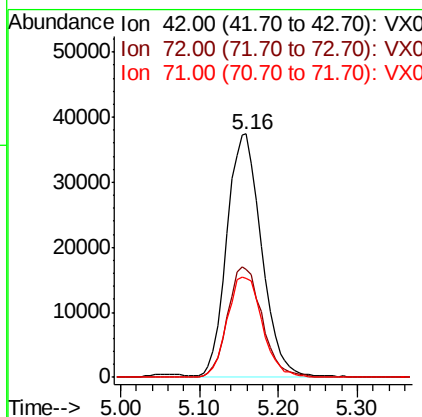
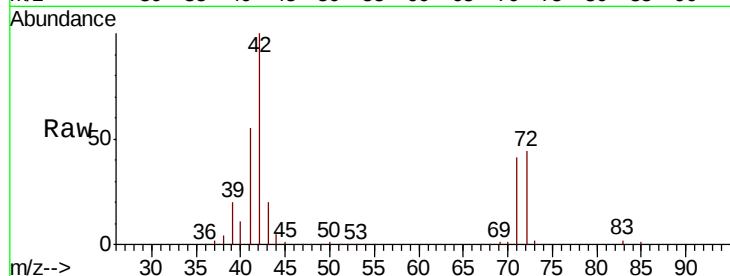
#29
Tetrahydrofuran
Concen: 279.25 ug/l
RT: 5.16 min Scan# 750
Delta R.T. 0.01 min
Lab File: VX003766.D
Acq: 31 Jul 2018 22:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.3	35.6	53.4
71	42.0	33.4	50.0

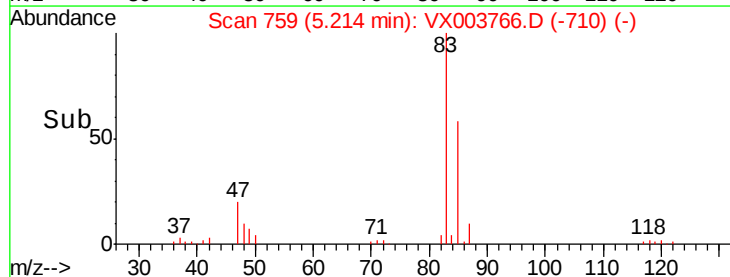
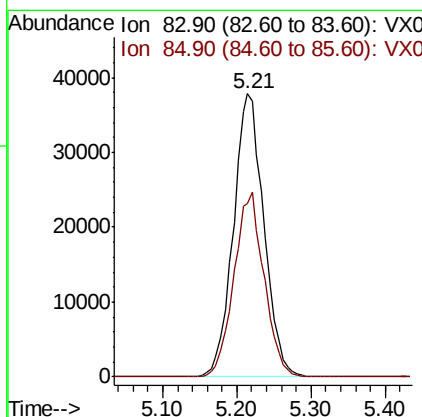
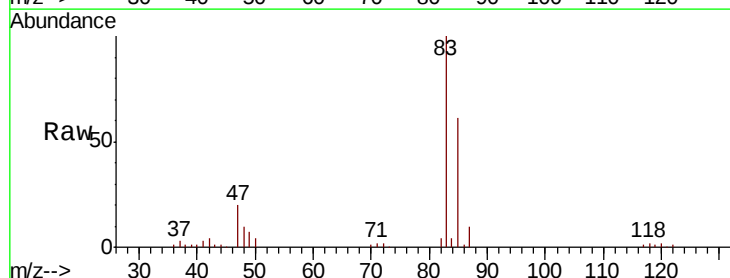
Manual Integrations
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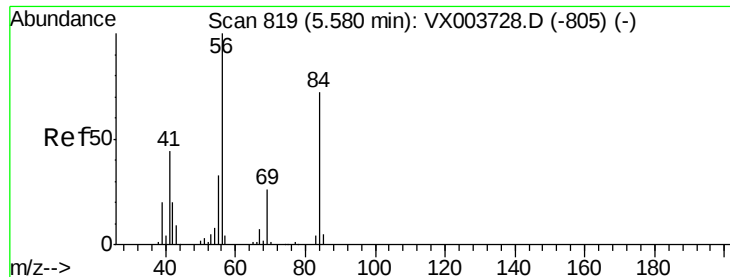
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#30
Chloroform
Concen: 57.94 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX003766.D
Acq: 31 Jul 2018 22:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.4	52.8	79.2





#31

Cyclohexane

Concen: 49.87 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX003766.D

Acq: 31 Jul 2018 22:52

Instrument :

MSVOA_X

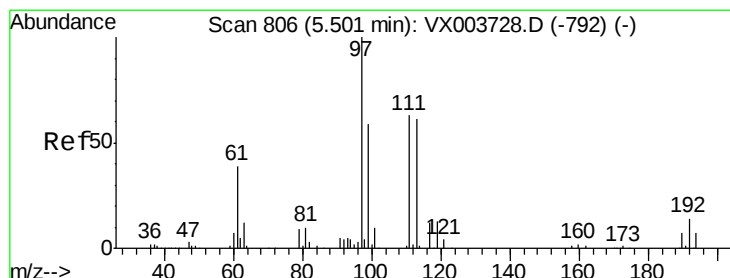
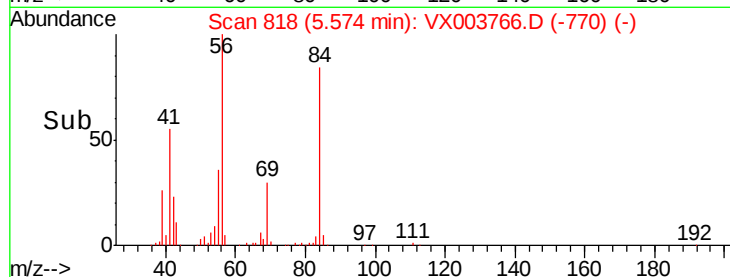
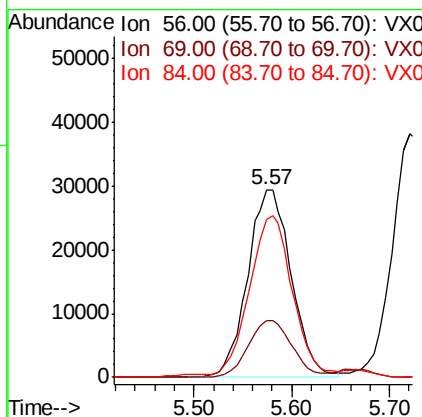
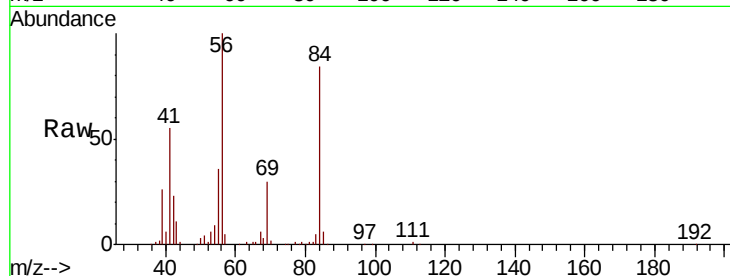
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	91546
Ion	Ratio	Lower	Upper
56	100		
69	30.4	20.6	30.8
84	82.4	57.9	86.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 52.22 ug/l

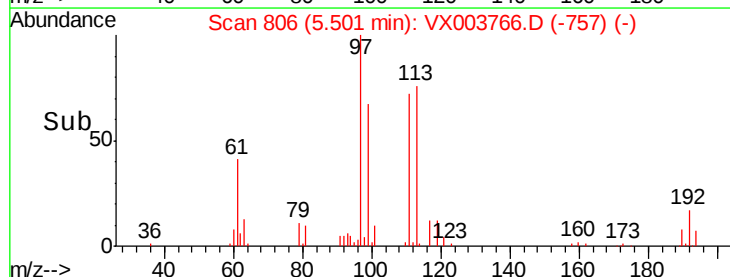
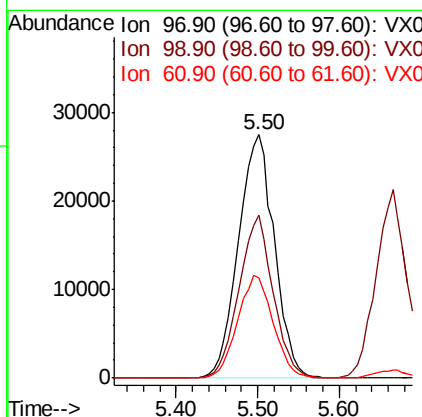
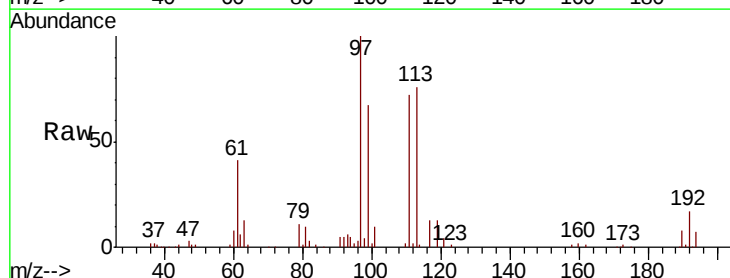
RT: 5.50 min Scan# 806

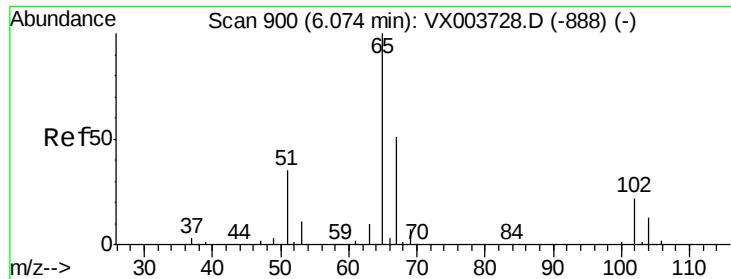
Delta R.T. 0.00 min

Lab File: VX003766.D

Acq: 31 Jul 2018 22:52

Tgt Ion:	97	Resp:	84036
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.4	77.2
61	41.8	33.4	50.2





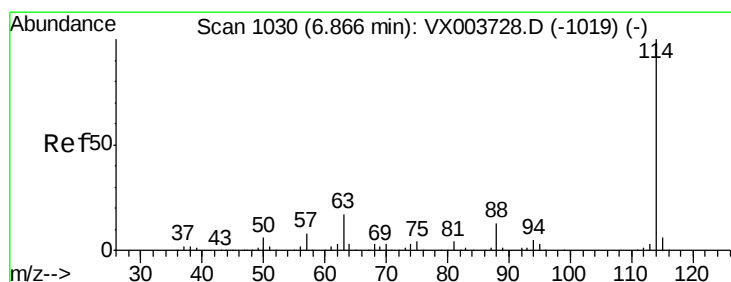
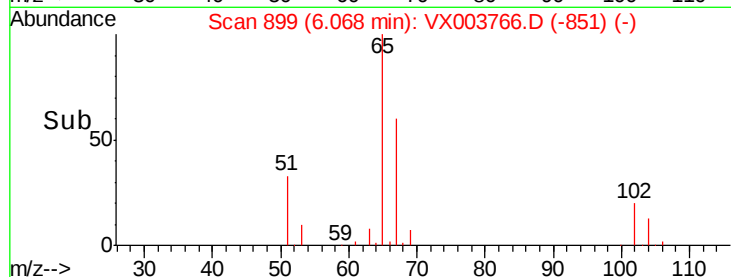
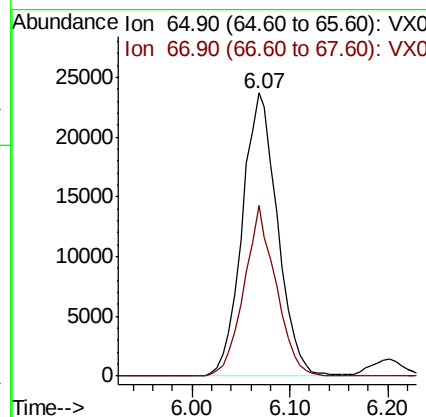
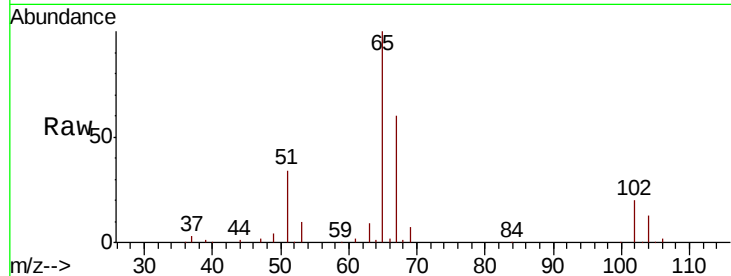
#33
 1,2-Dichloroethane-d4
 Concen: 51.57 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX003766.D
 Acq: 31 Jul 2018 22:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	107.0

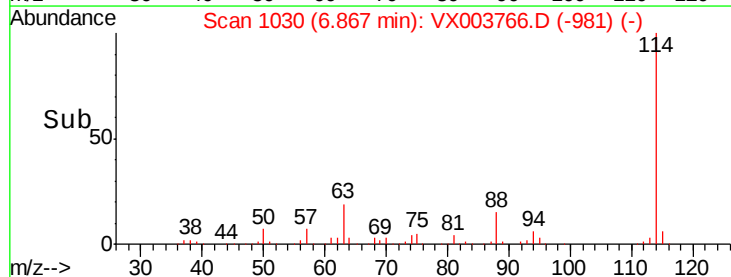
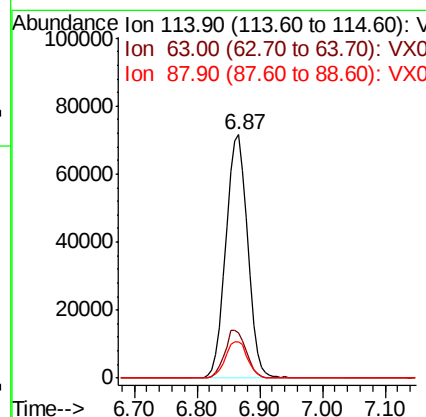
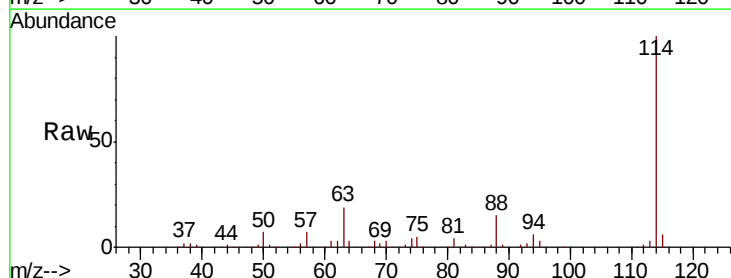
Manual Integrations
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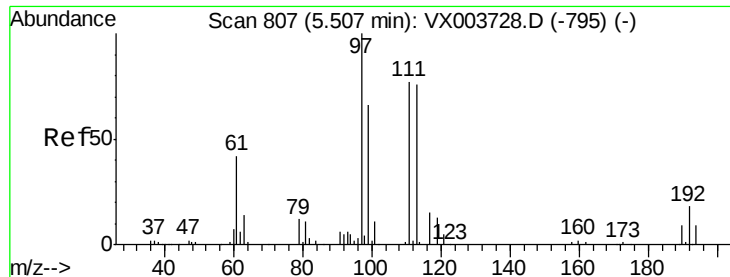
apatel
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003766.D
 Acq: 31 Jul 2018 22:52

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	34.0
88	14.8	0.0	26.4





#35

Dibromofluoromethane

Concen: 53.00 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX003766.D

Acq: 31 Jul 2018 22:52

Instrument :

MSVOA_X

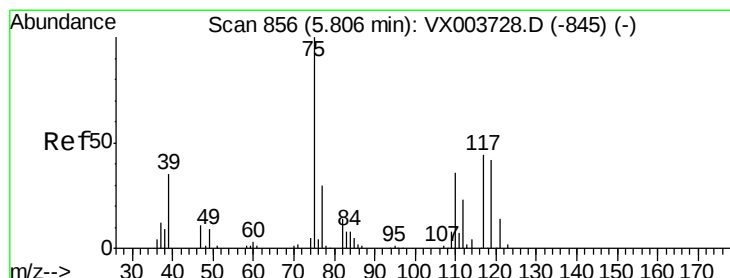
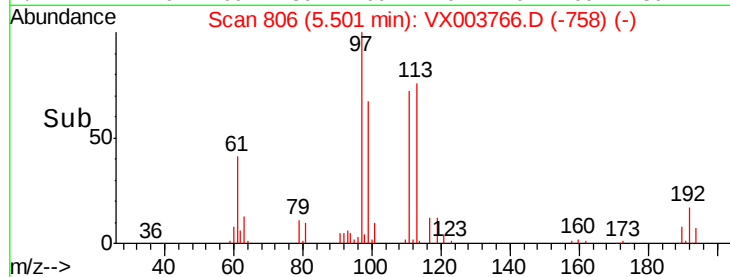
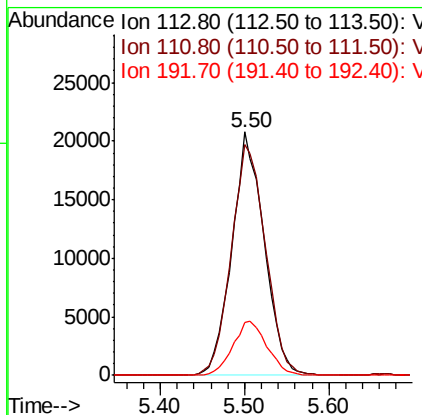
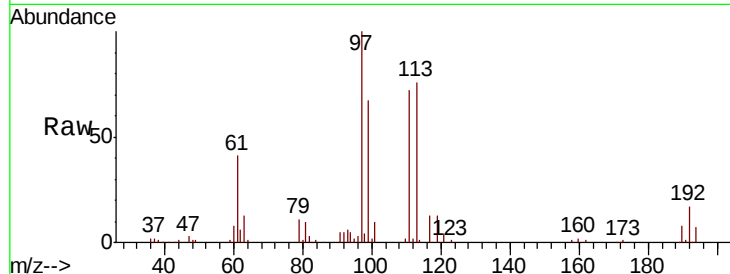
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	53859
Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.8	122.6
192	23.5	18.8	28.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.27 ug/l

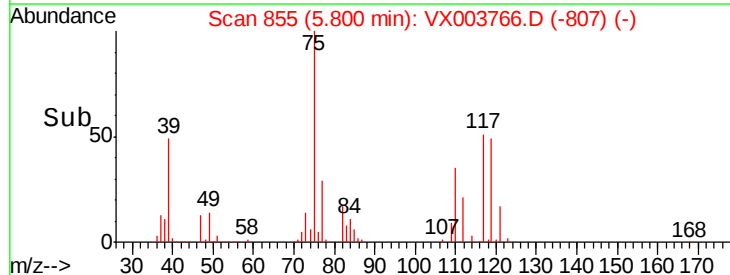
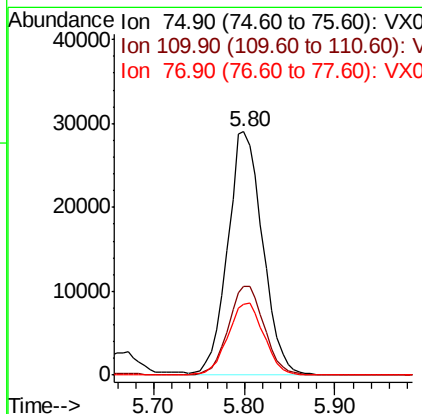
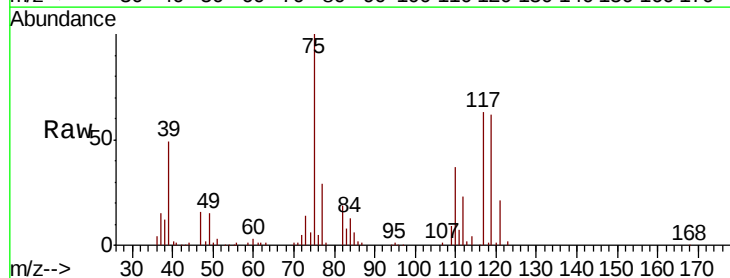
RT: 5.80 min Scan# 855

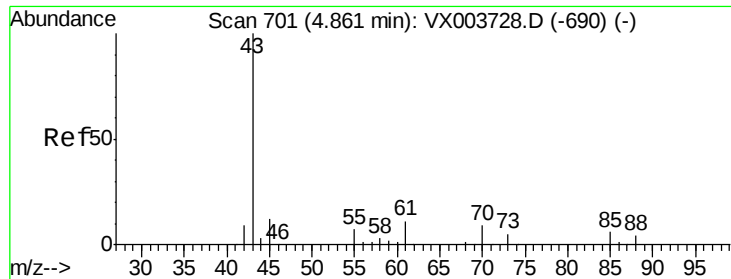
Delta R.T. -0.01 min

Lab File: VX003766.D

Acq: 31 Jul 2018 22:52

Tgt Ion:	75	Resp:	78008
Ion	Ratio	Lower	Upper
75	100		
110	37.3	18.3	54.8
77	30.4	25.1	37.7





#37

Ethyl Acetate

Concen: 52.10 ug/l

RT: 4.85 min Scan# 700

Delta R.T. -0.01 min

Lab File: VX003766.D

Acq: 31 Jul 2018 22:52

Instrument :

MSVOA_X

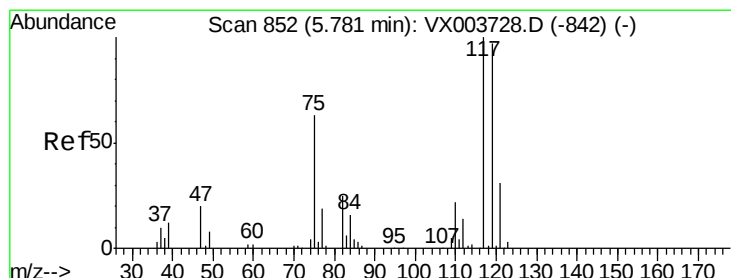
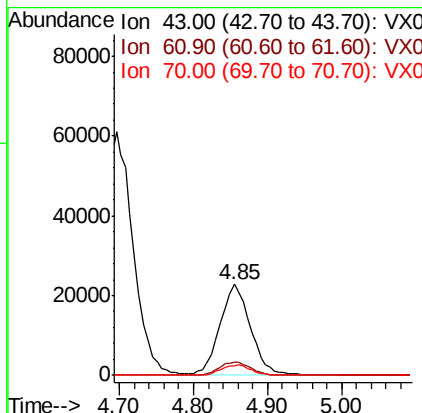
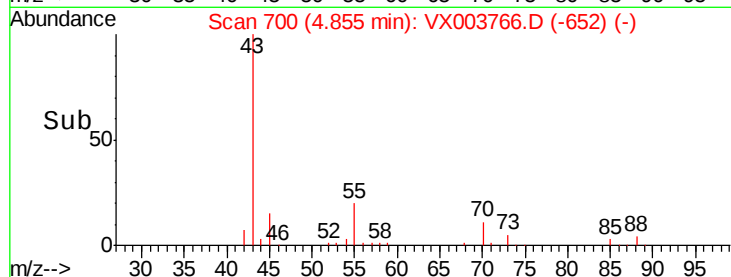
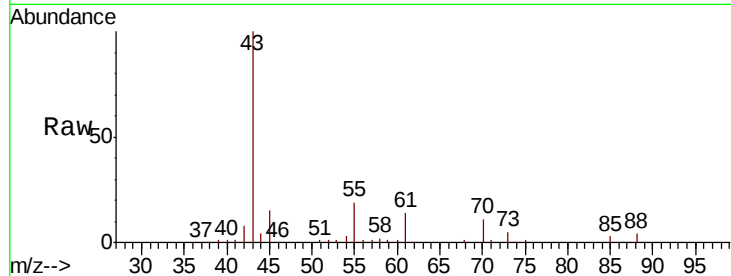
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	64681
Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.4	17.0
70	11.2	8.2	12.2

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 48.19 ug/l

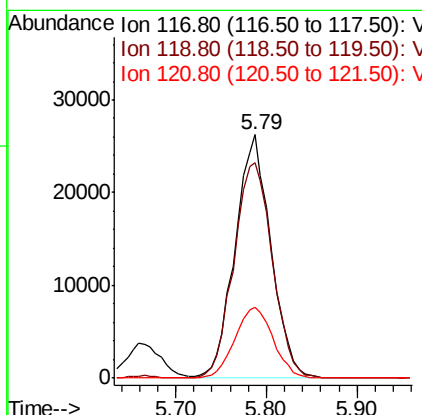
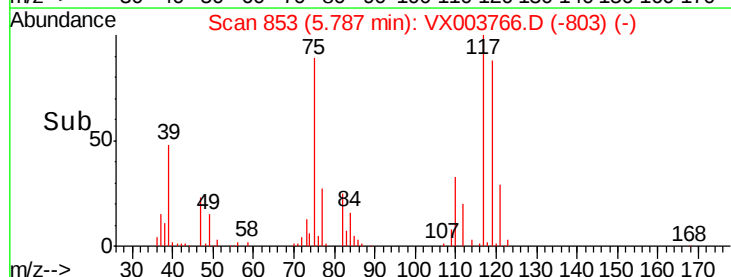
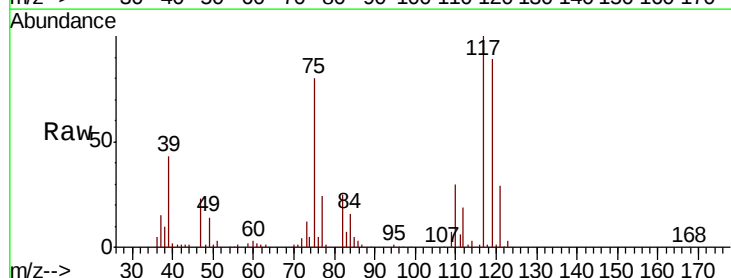
RT: 5.79 min Scan# 853

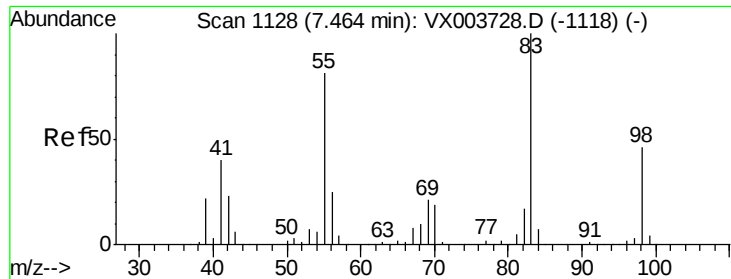
Delta R.T. 0.01 min

Lab File: VX003766.D

Acq: 31 Jul 2018 22:52

Tgt Ion:	117	Resp:	72036
Ion	Ratio	Lower	Upper
117	100		
119	88.5	77.2	115.8
121	28.8	25.0	37.4





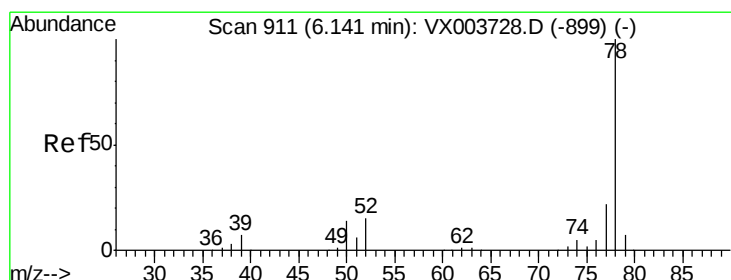
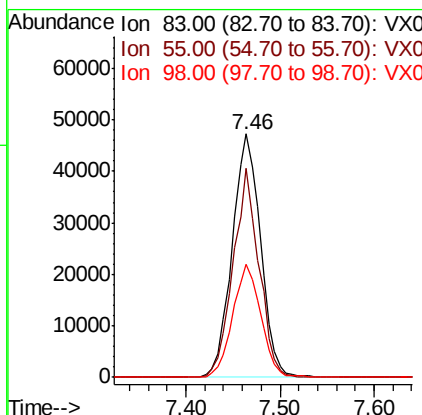
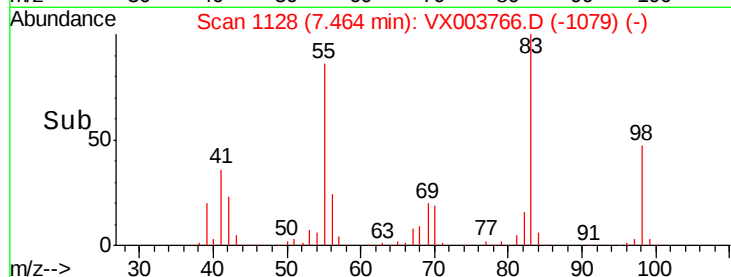
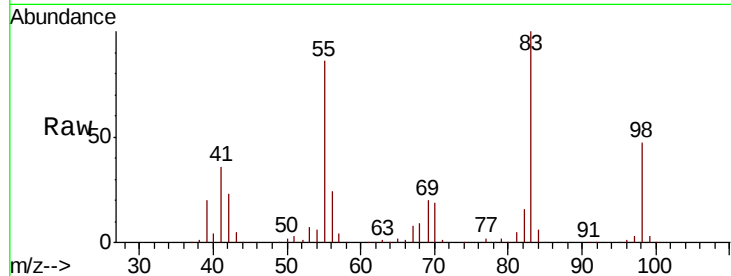
#39
Methvlcvclohexane
Concen: 49.97 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003766.D
Acq: 31 Jul 2018 22:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.9	65.0	97.6
98	46.5	37.1	55.7

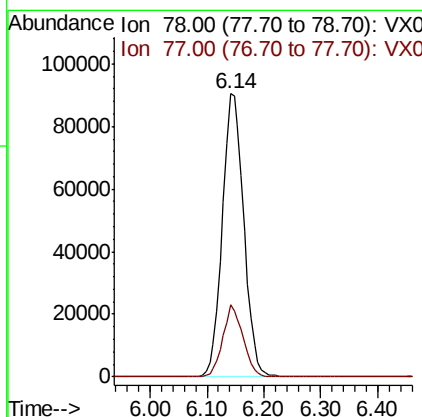
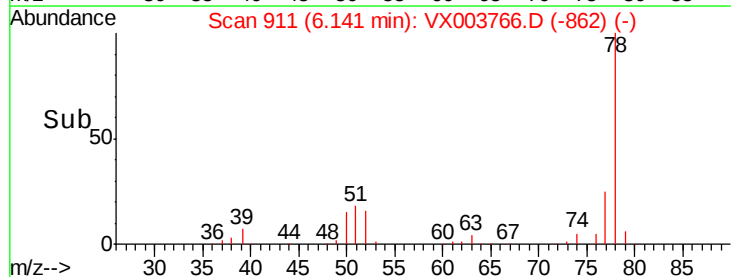
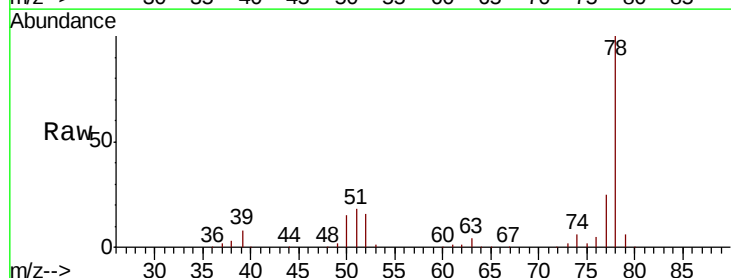
Manual Integrations
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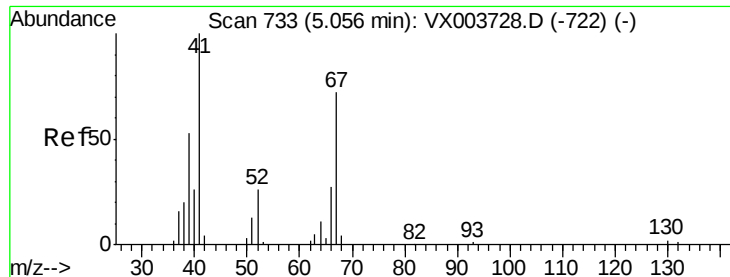
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#40
Benzene
Concen: 51.15 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX003766.D
Acq: 31 Jul 2018 22:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.4	17.9	26.9





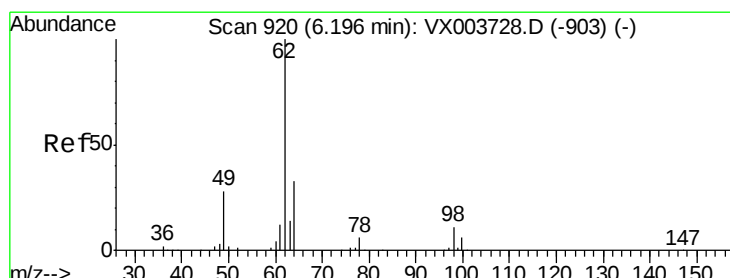
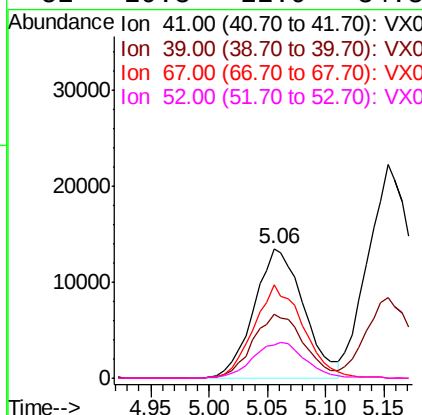
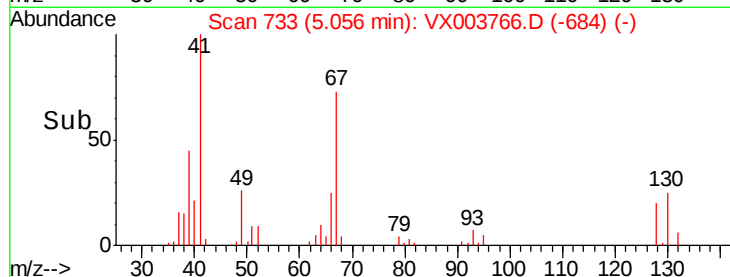
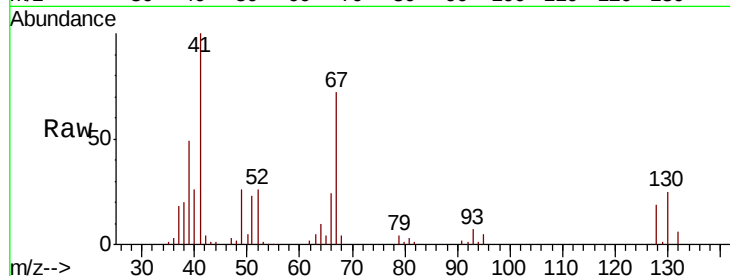
#41
Methacrylonitrile
Concen: 57.30 ug/l
RT: 5.06 min Scan# 733
Delta R.T. 0.00 min
Lab File: VX003766.D
Acq: 31 Jul 2018 22:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.0	42.6	64.0	
67	71.4	58.9	88.3	
52	29.3	22.9	34.3	

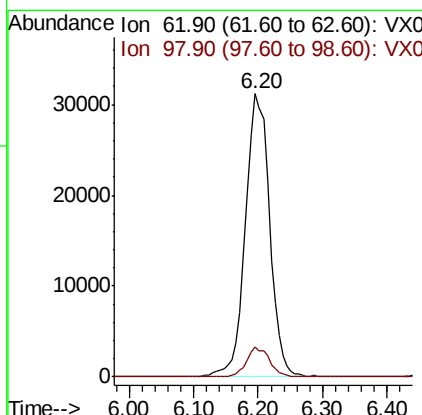
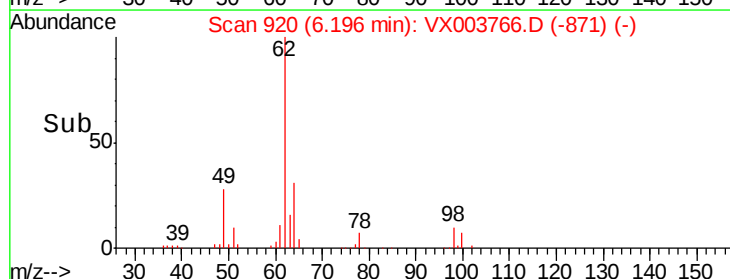
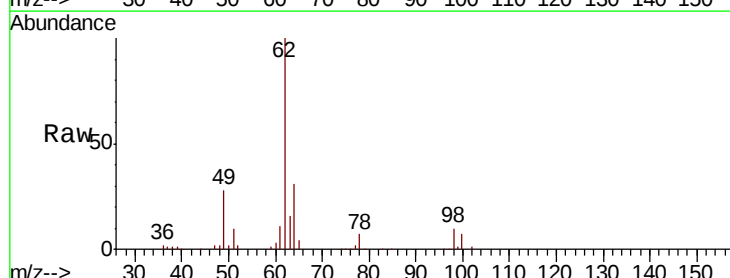
Manual Integrations
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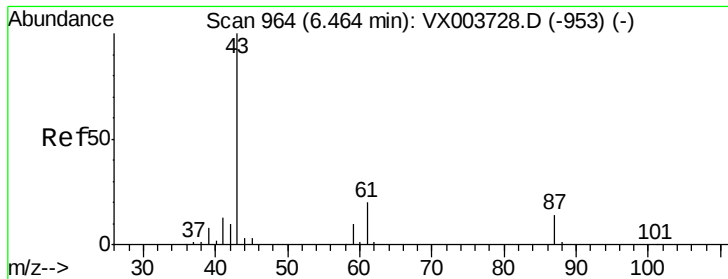
apatel
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#42
1,2-Dichloroethane
Concen: 57.54 ug/l
RT: 6.20 min Scan# 920
Delta R.T. 0.00 min
Lab File: VX003766.D
Acq: 31 Jul 2018 22:52

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.7	0.0	20.4	





#43

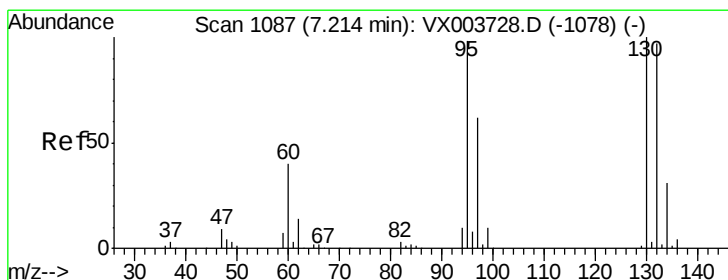
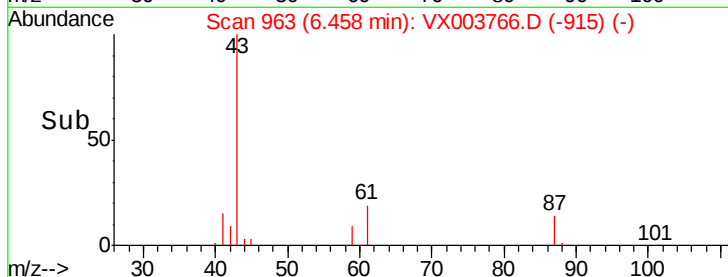
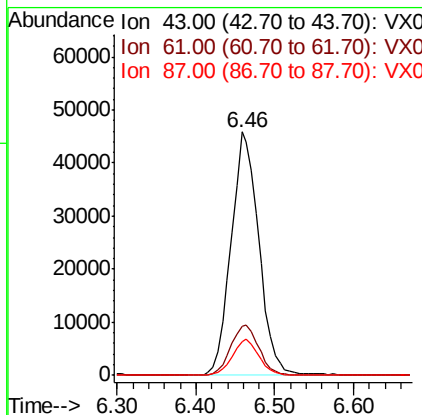
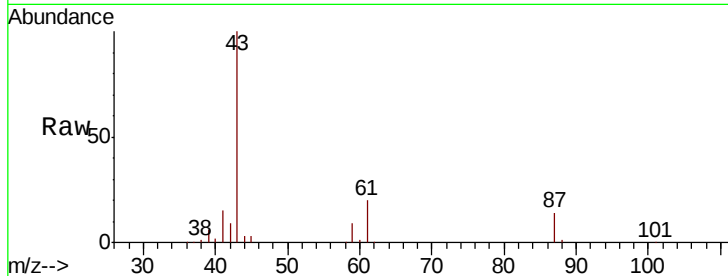
Isopropyl Acetate
 Concen: 56.91 ug/l
 RT: 6.46 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: VX003766.D
 Acq: 31 Jul 2018 22:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.0	16.5	24.7
87	14.1	10.7	16.1

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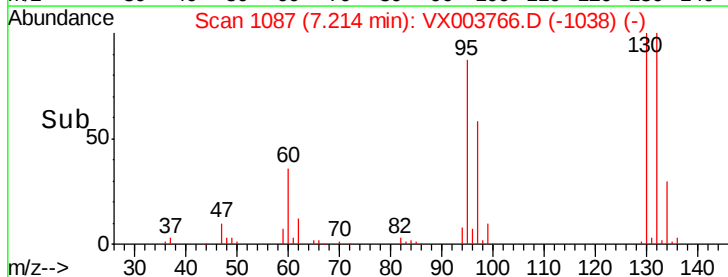
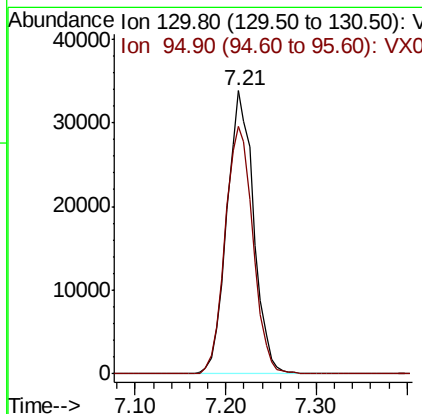
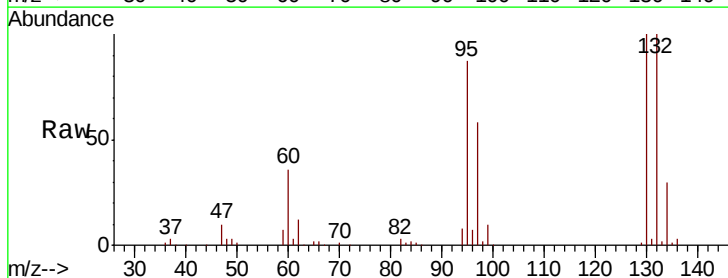
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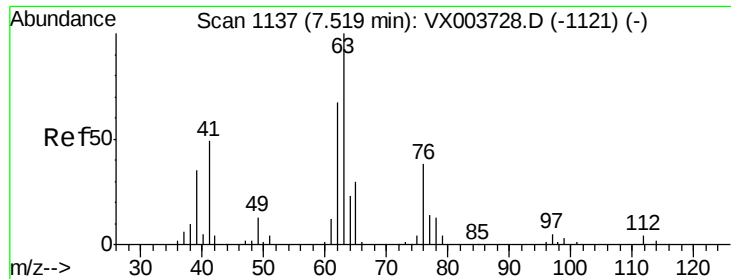


#44

Trichloroethene
 Concen: 52.40 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003766.D
 Acq: 31 Jul 2018 22:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.4	0.0	196.2





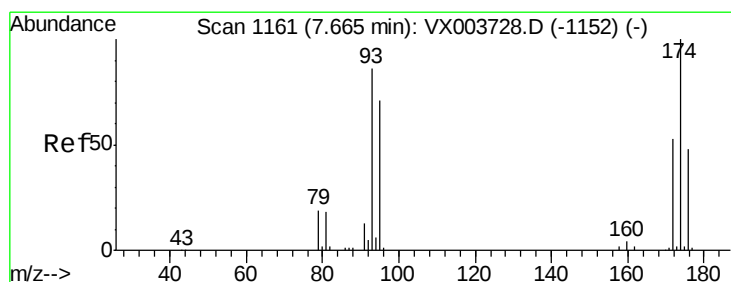
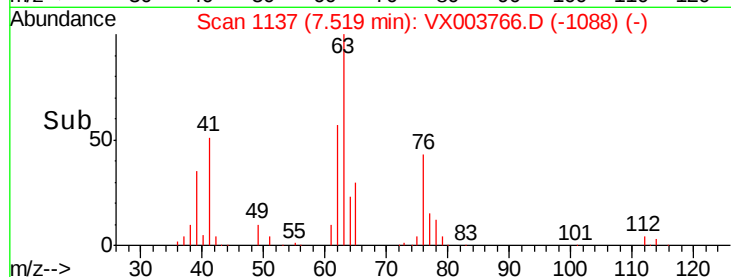
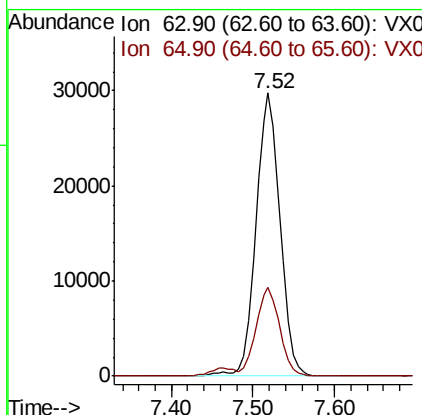
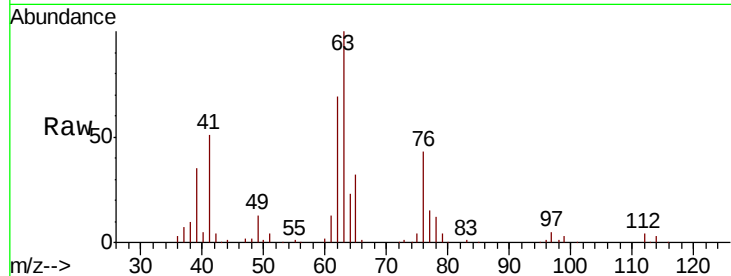
#45
 1,2-Dichloropropane
 Concen: 54.01 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003766.D
 Acq: 31 Jul 2018 22:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 61520
 Ion Ratio Lower Upper
 63 100
 65 31.6 23.7 35.5

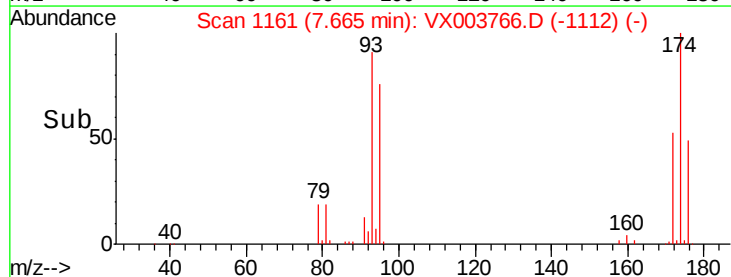
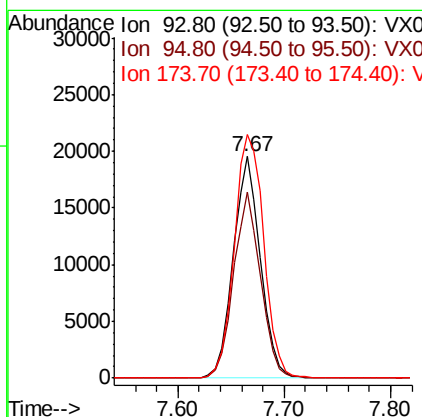
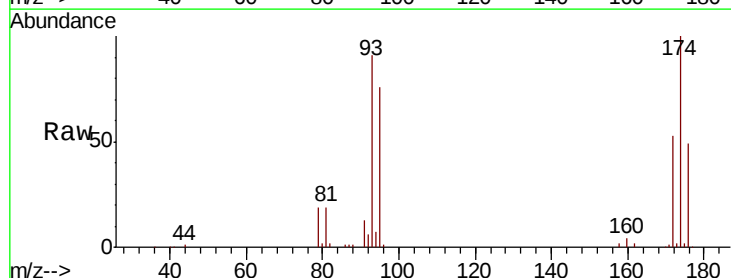
Manual Integrations
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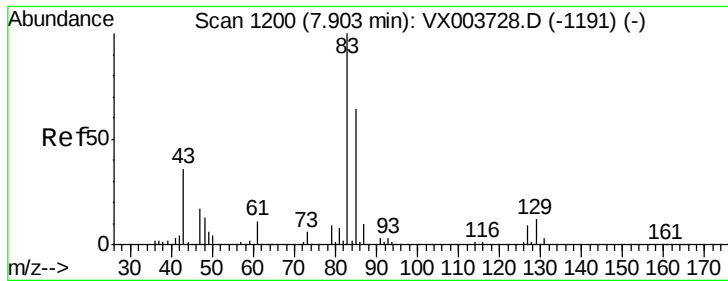
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#46
 Dibromomethane
 Concen: 53.22 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003766.D
 Acq: 31 Jul 2018 22:52

Tgt Ion: 93 Resp: 34933
 Ion Ratio Lower Upper
 93 100
 95 83.4 68.1 102.1
 174 119.6 96.2 144.4





#47

Bromodichloromethane

Concen: 54.10 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003766.D

Acq: 31 Jul 2018 22:52

Instrument :

MSVOA_X

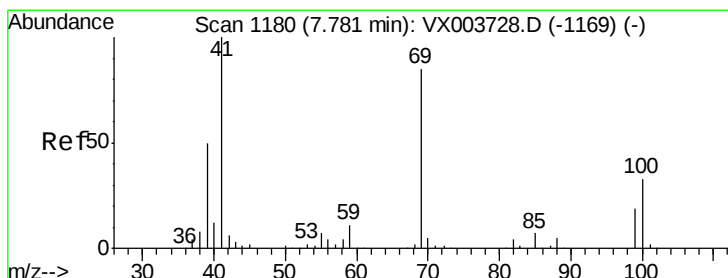
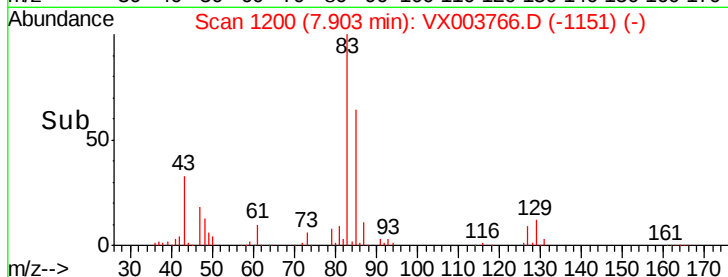
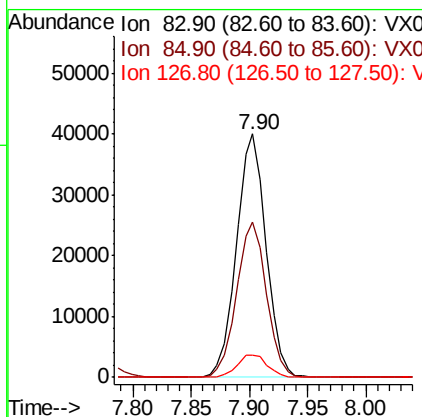
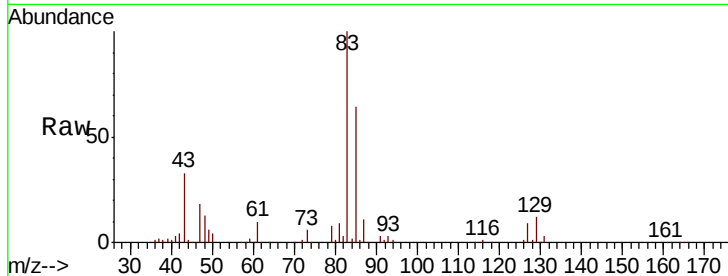
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	70763
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.1	76.7
127	9.2	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.60 ug/l

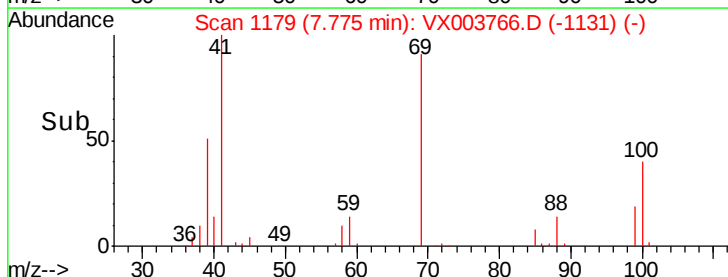
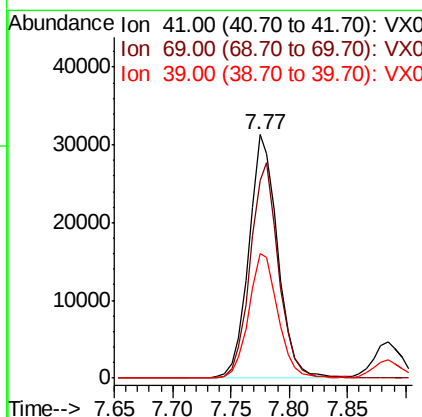
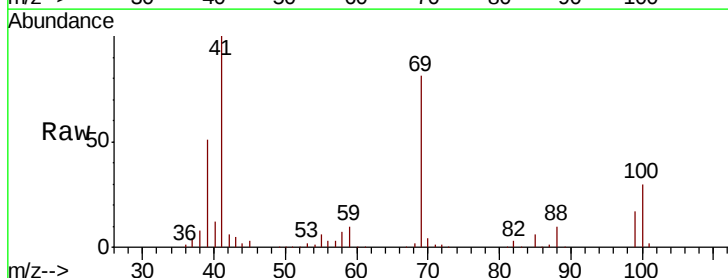
RT: 7.77 min Scan# 1179

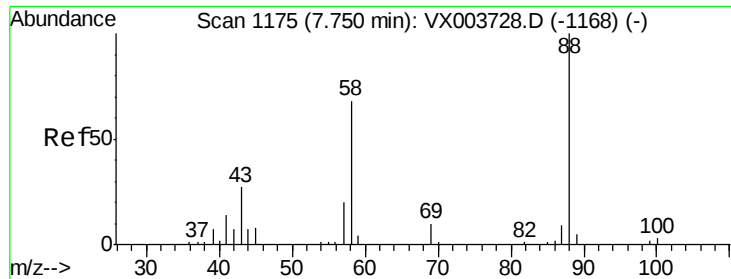
Delta R.T. -0.01 min

Lab File: VX003766.D

Acq: 31 Jul 2018 22:52

Tgt Ion:	41	Resp:	54173
Ion	Ratio	Lower	Upper
41	100		
69	87.1	68.7	103.1
39	51.7	40.8	61.2





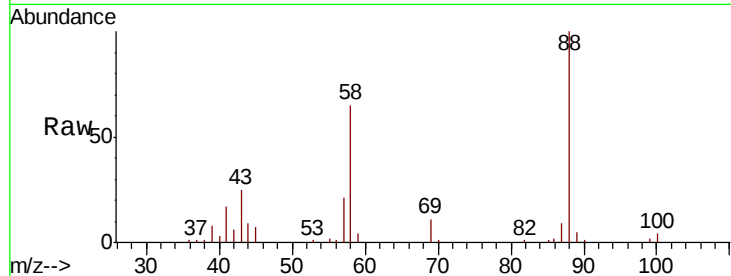
#49
1,4-Dioxane
Concen: 1064.23 ug/l
RT: 7.75 min Scan# 1175
Delta R.T. 0.00 min
Lab File: VX003766.D
Acq: 31 Jul 2018 22:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.3	26.0	39.0
58	69.2	57.1	85.7

Manual Integrations
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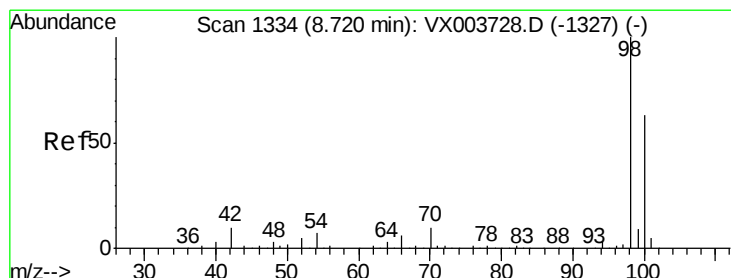
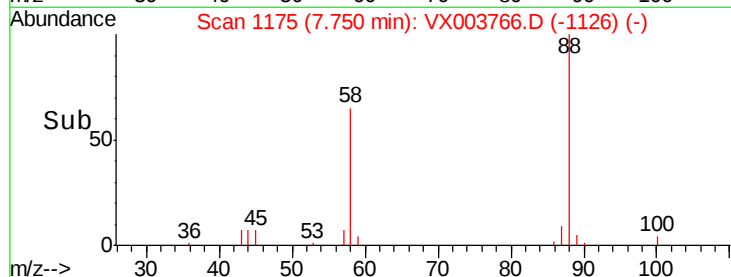
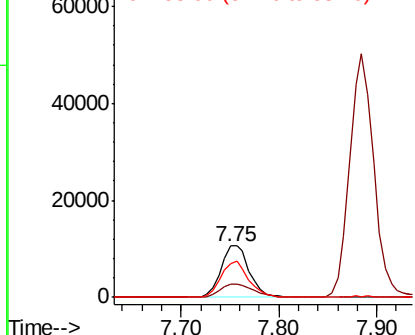


Abundance

Ion 88.00 (87.70 to 88.70): VX0

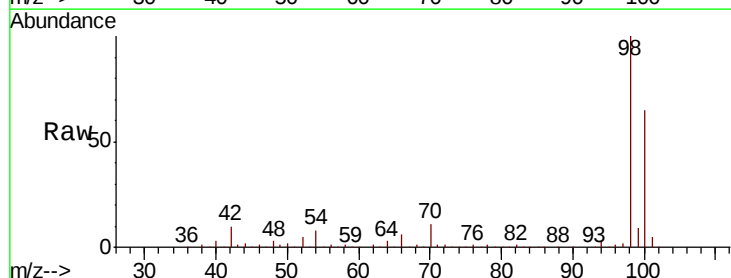
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 48.66 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003766.D
Acq: 31 Jul 2018 22:52

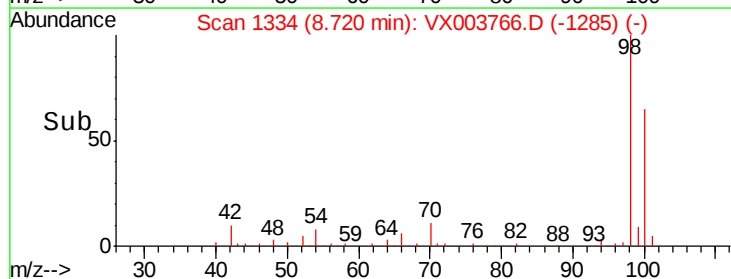
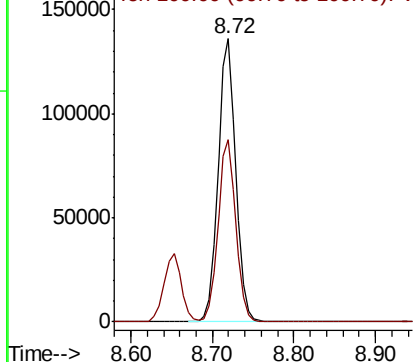
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.4	77.0

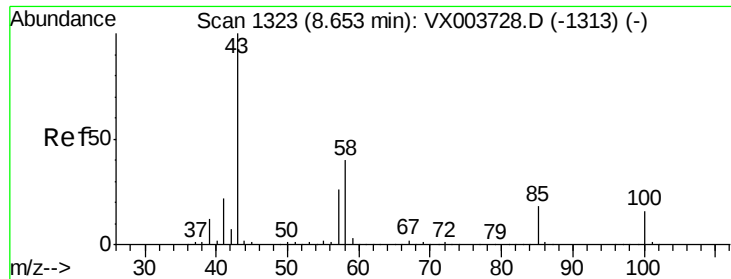


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 261.11 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003766.D

Acq: 31 Jul 2018 22:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 317427

Ion Ratio Lower Upper

43 100

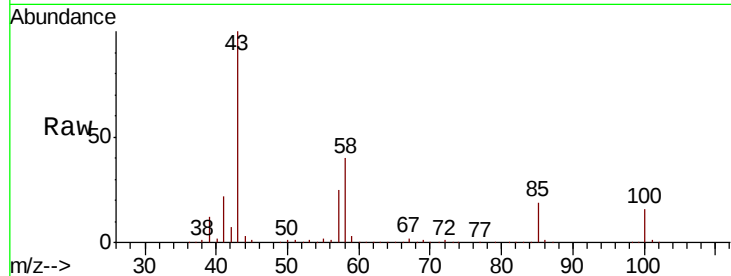
58 40.0 32.1 48.1

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

200000

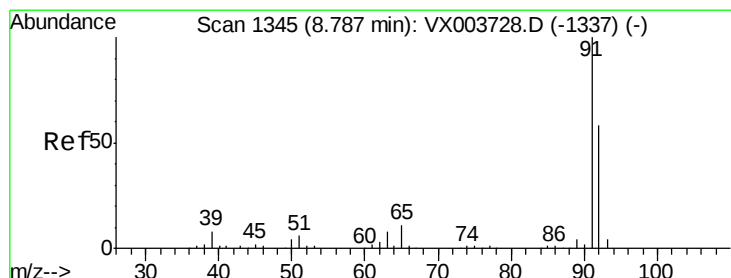
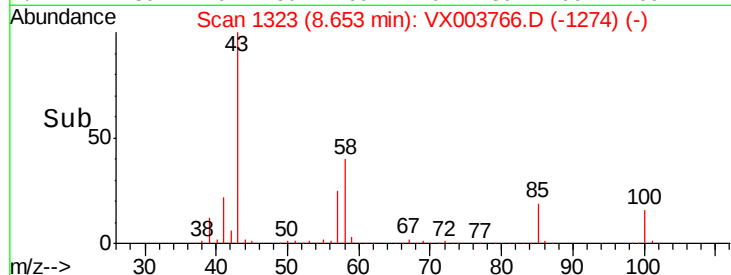
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 50.54 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003766.D

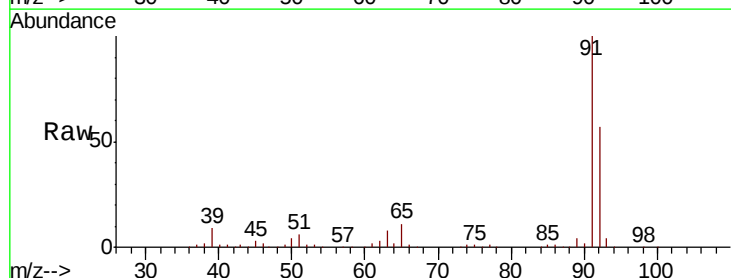
Acq: 31 Jul 2018 22:52

Tgt Ion: 92 Resp: 146013

Ion Ratio Lower Upper

92 100

91 175.6 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

200000

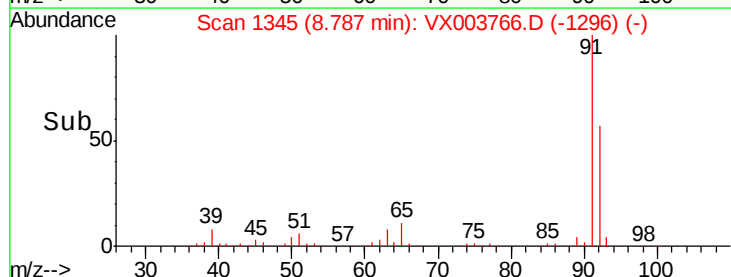
150000

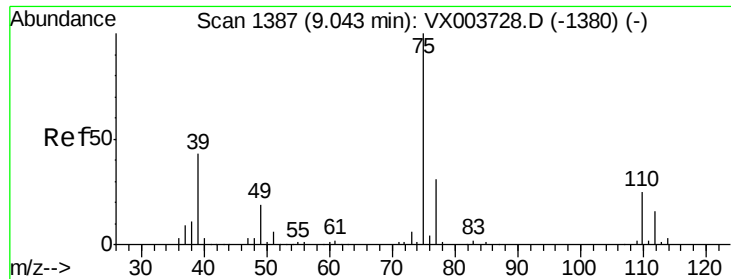
100000

50000

0

Time-->





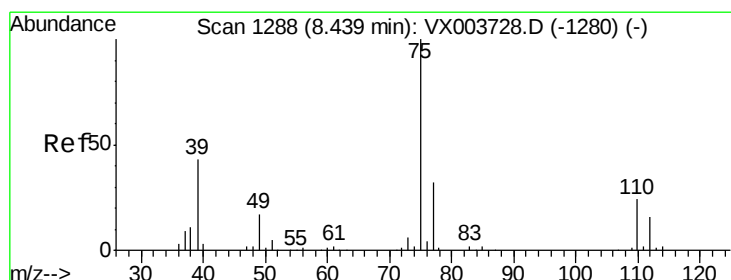
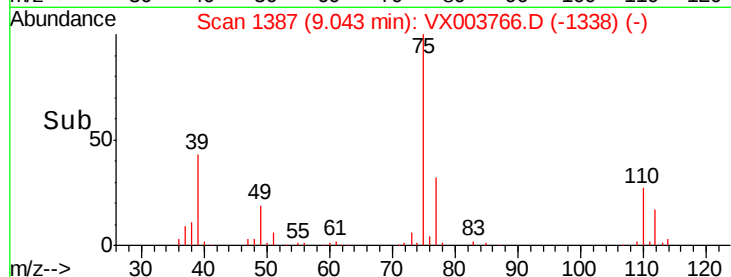
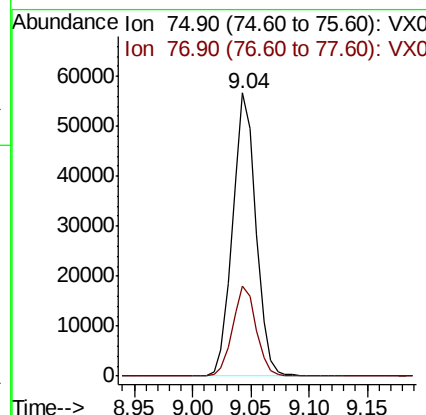
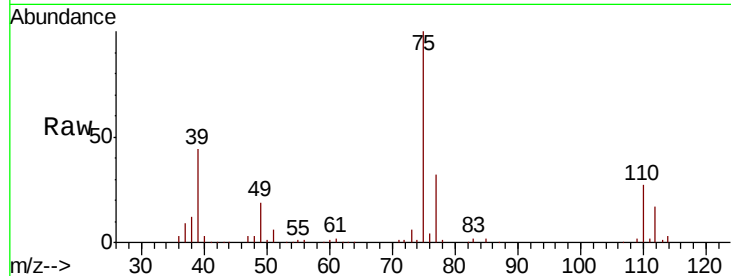
#53
t-1,3-Dichloropropene
Concen: 52.72 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX003766.D
Acq: 31 Jul 2018 22:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 78760
Ion Ratio Lower Upper
75 100
77 31.8 24.9 37.3

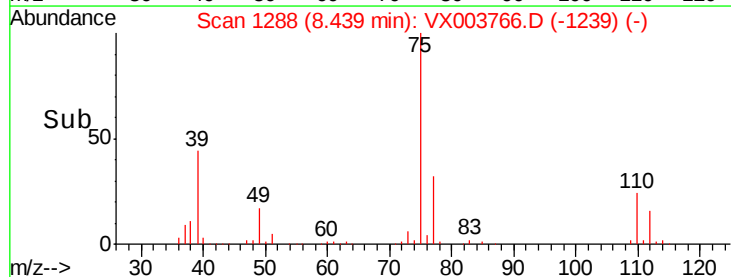
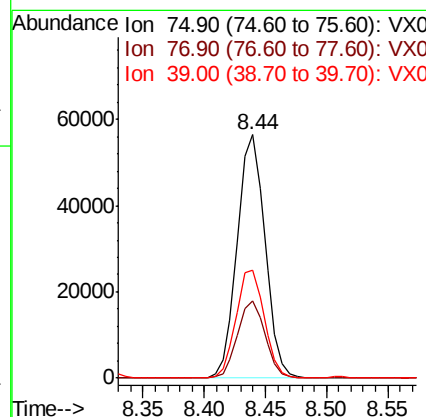
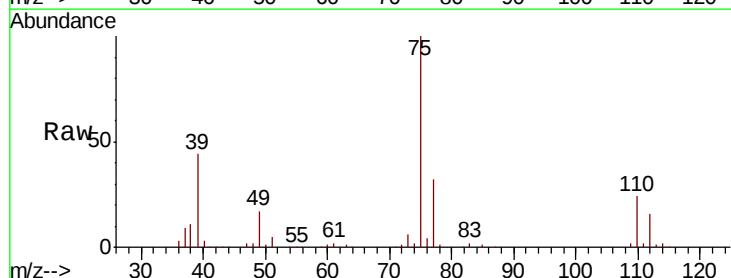
Manual Integrations
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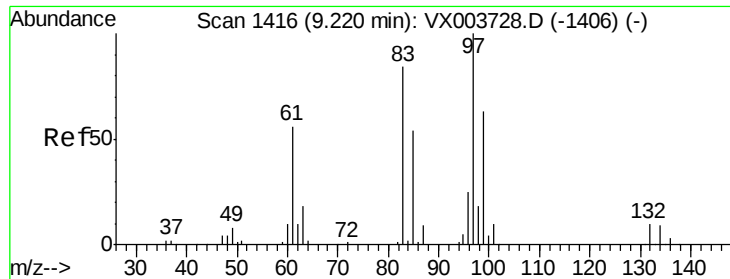
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#54
cis-1,3-Dichloropropene
Concen: 53.34 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003766.D
Acq: 31 Jul 2018 22:52

Tgt Ion: 75 Resp: 88824
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9
39 44.1 34.1 51.1





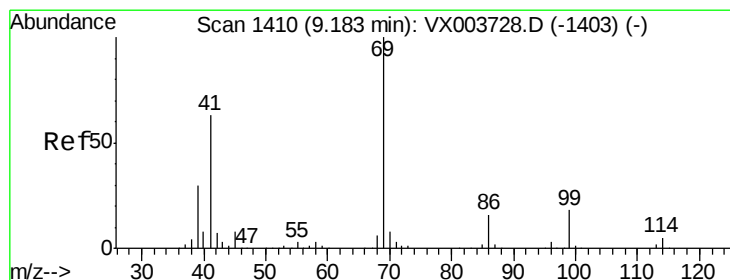
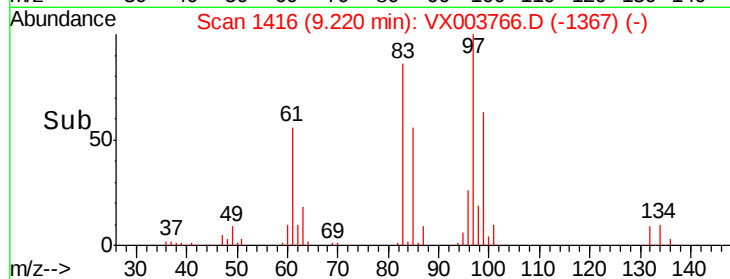
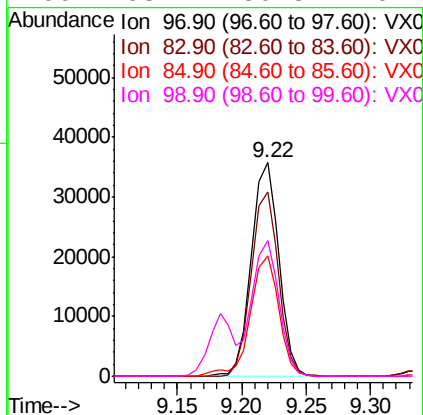
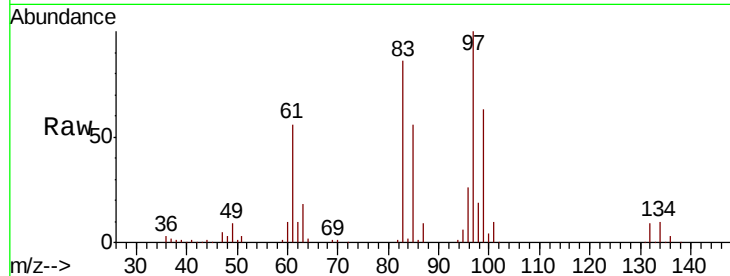
#55
 1,1,2-Trichloroethane
 Concen: 52.74 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003766.D
 Acq: 31 Jul 2018 22:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	52441
Ion	Ratio	Lower	Upper
97	100		
83	86.4	67.4	101.0
85	56.2	43.3	64.9
99	63.4	50.8	76.2

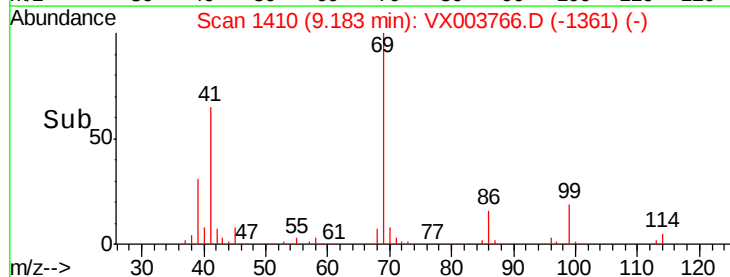
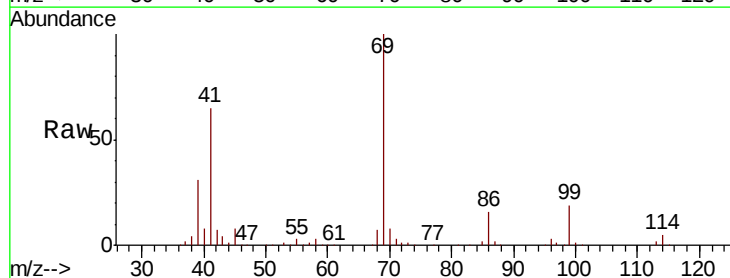
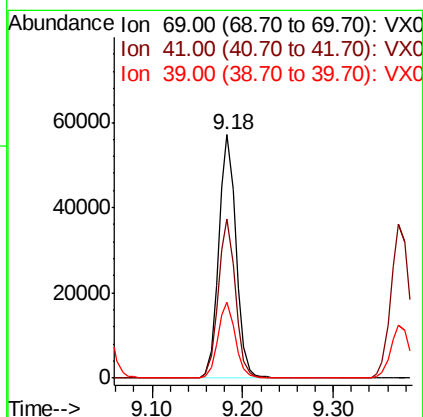
Manual Integrations
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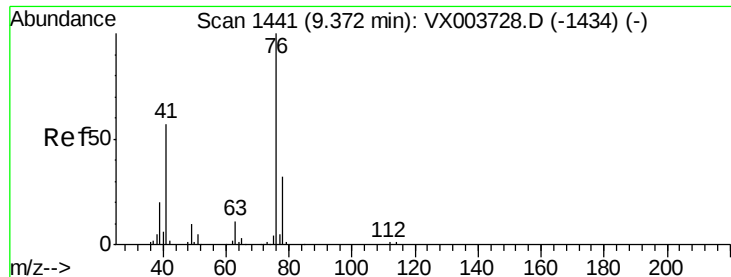
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#56
 Ethyl methacrylate
 Concen: 55.77 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003766.D
 Acq: 31 Jul 2018 22:52

Tgt Ion:	69	Resp:	76177
Ion	Ratio	Lower	Upper
69	100		
41	65.0	51.6	77.4
39	32.1	25.1	37.7





#57

1,3-Dichloropropane

Concen: 53.38 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX003766.D

Acq: 31 Jul 2018 22:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 89105

Ion Ratio Lower Upper

76 100

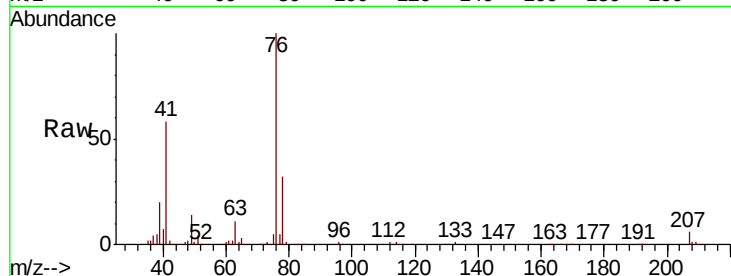
78 32.2 25.7 38.5

Manual Integrations

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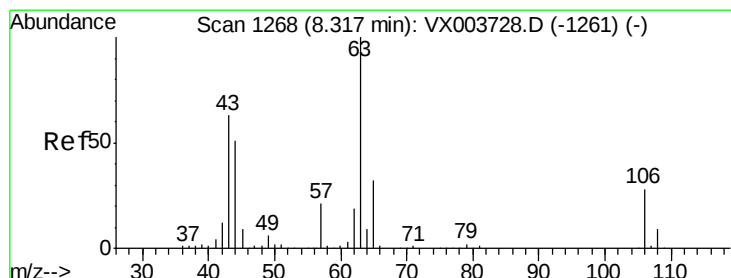
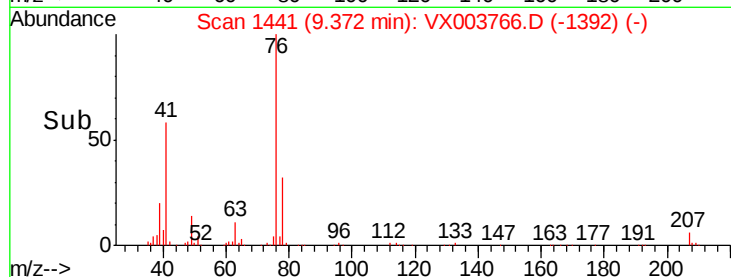
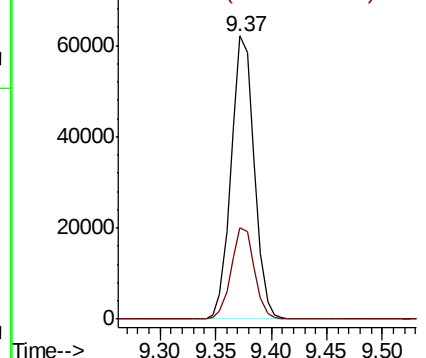
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 271.20 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003766.D

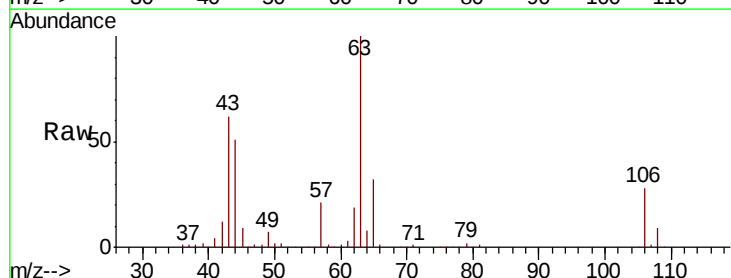
Acq: 31 Jul 2018 22:52

Tgt Ion: 63 Resp: 198744

Ion Ratio Lower Upper

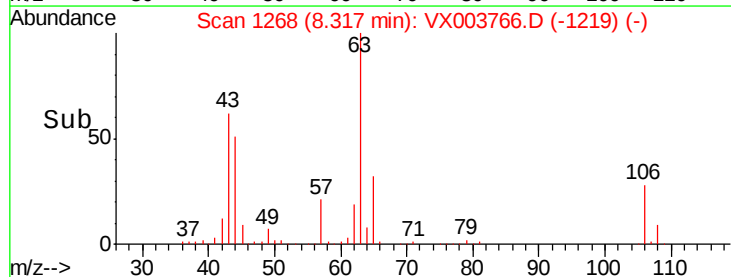
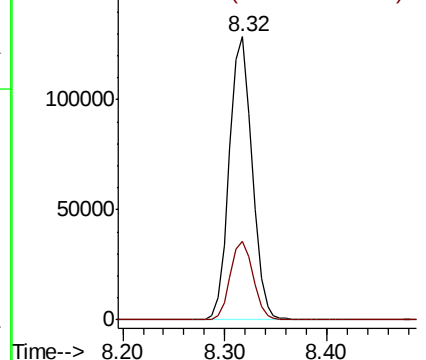
63 100

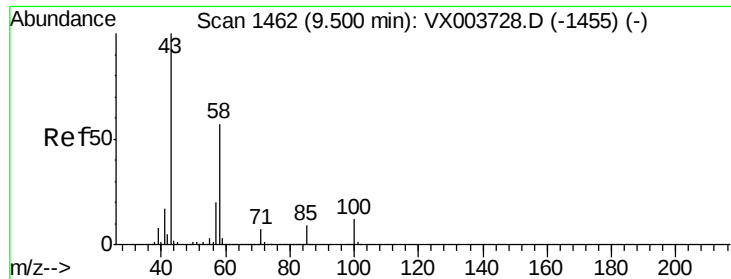
106 27.9 22.5 33.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





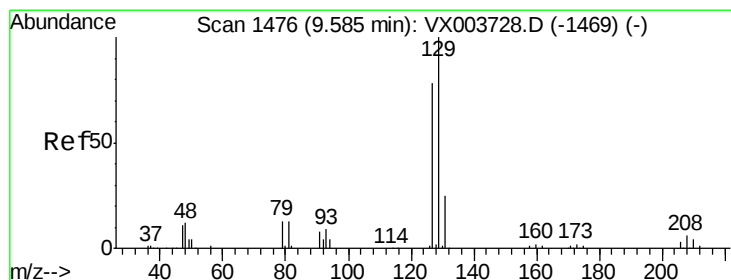
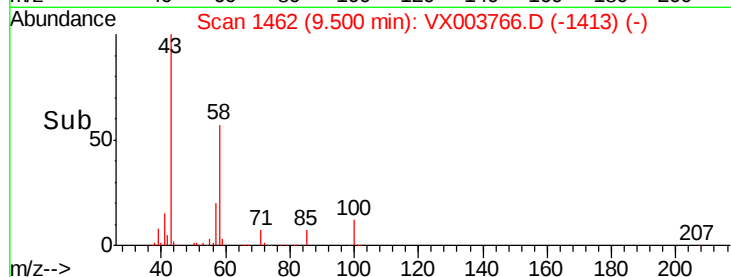
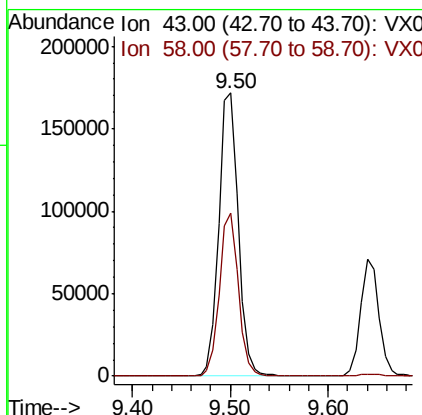
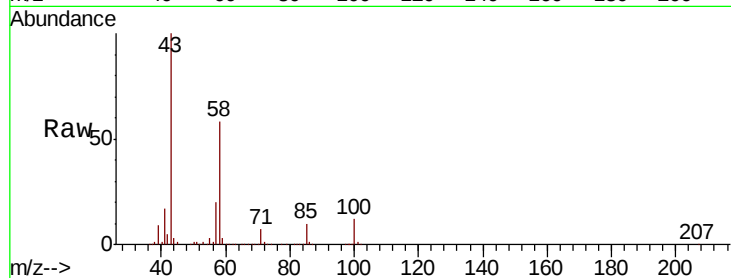
#59
2-Hexanone
Concen: 256.55 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003766.D
Acq: 31 Jul 2018 22:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.9	28.0	83.9

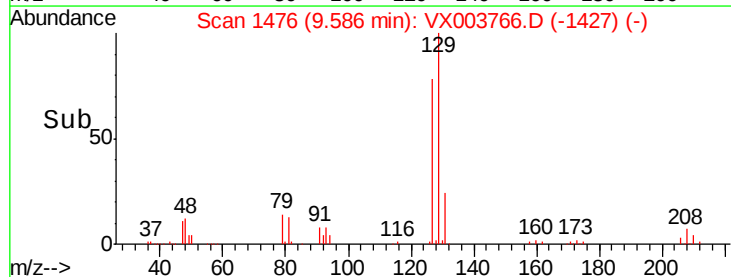
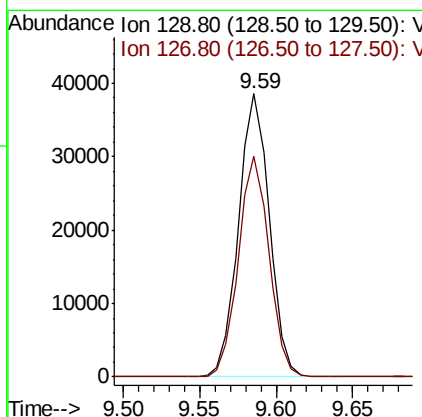
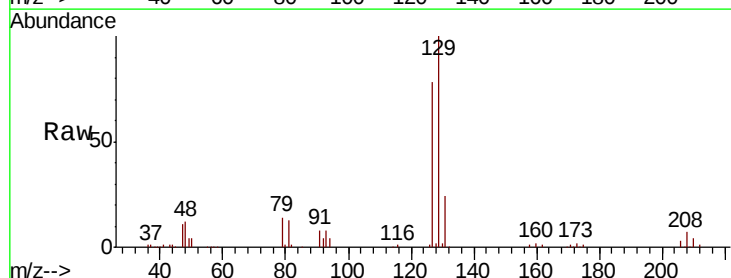
Manual Integrations
APPROVED

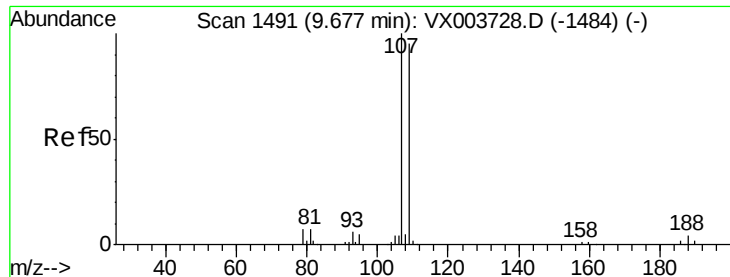
apatel
8/1/2018 6:54:37 PM



#60
Dibromochloromethane
Concen: 53.75 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003766.D
Acq: 31 Jul 2018 22:52

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.3	38.8	116.4





#61

1,2-Dibromoethane

Concen: 52.73 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003766.D

Acq: 31 Jul 2018 22:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 53531

Ion Ratio Lower Upper

107 100

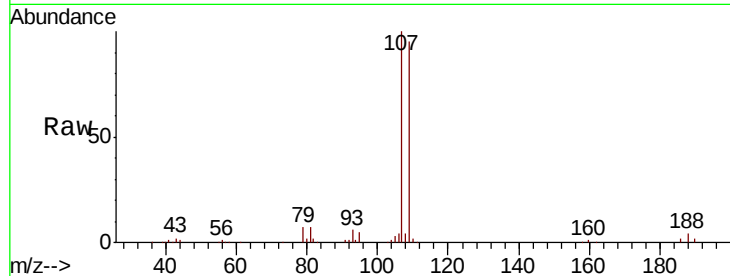
109 95.5 75.0 112.6

Manual Integrations

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apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

40000

30000

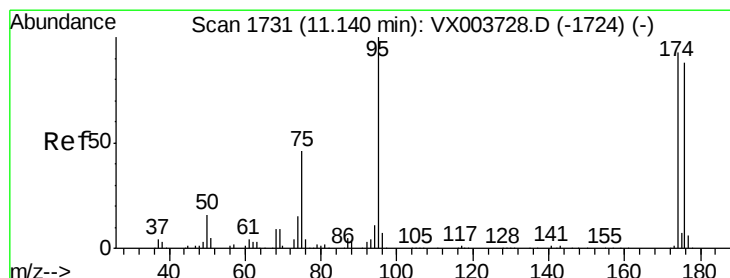
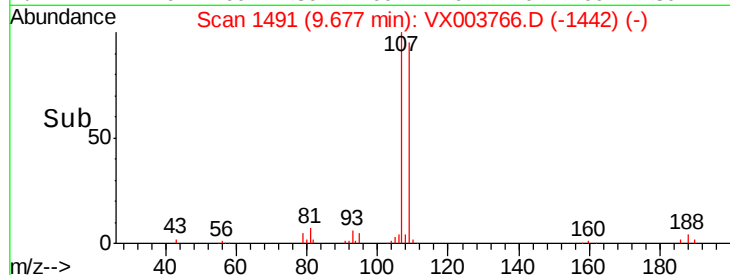
20000

10000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 49.35 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003766.D

Acq: 31 Jul 2018 22:52

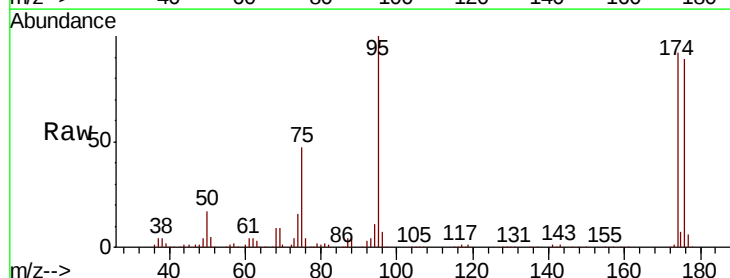
Tgt Ion: 95 Resp: 77089

Ion Ratio Lower Upper

95 100

174 91.5 0.0 186.2

176 88.4 0.0 179.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

80000

60000

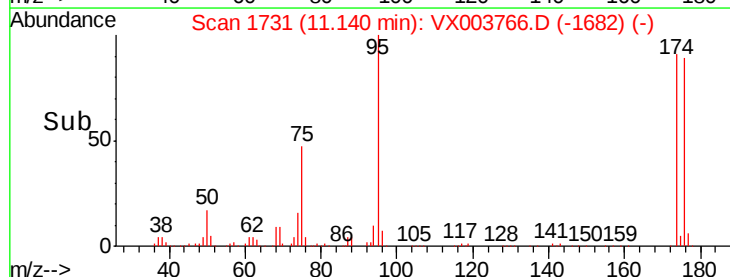
40000

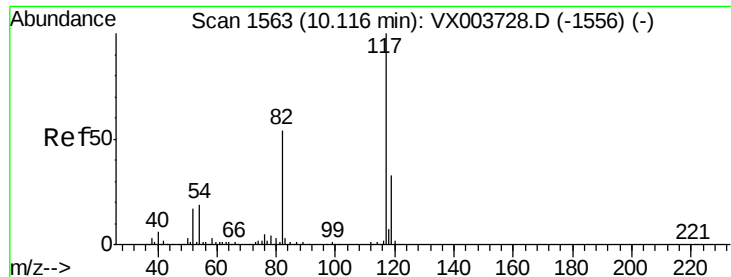
20000

0

11.05 11.10 11.15 11.20

Time-->





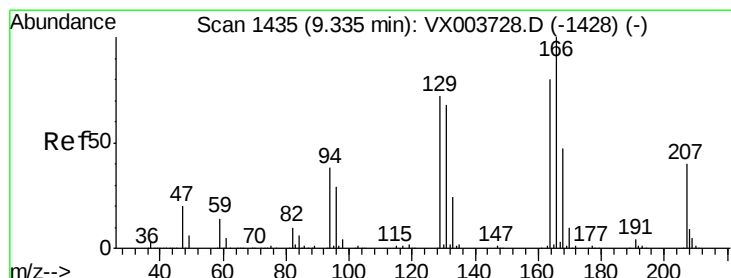
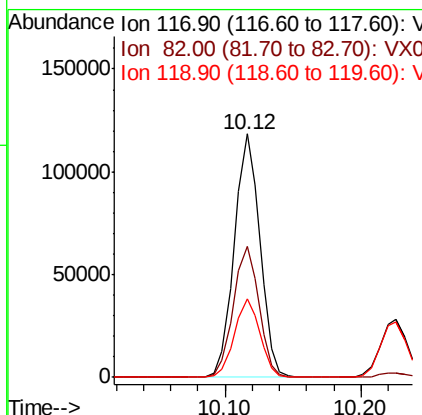
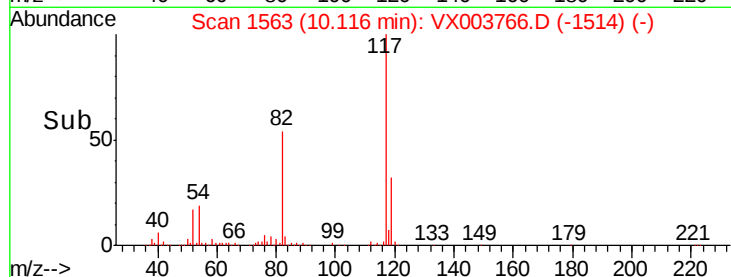
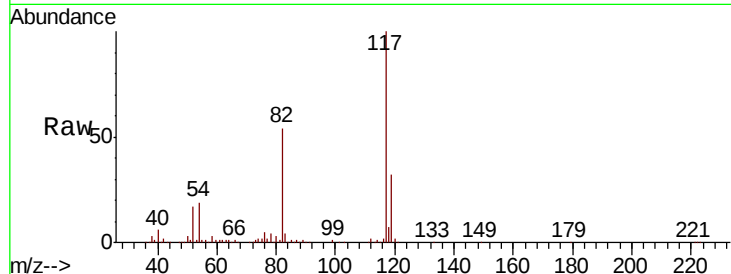
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003766.D
Acq: 31 Jul 2018 22:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.2	64.8
119	32.2	26.3	39.5

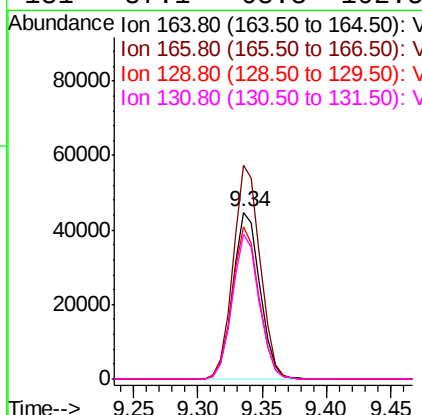
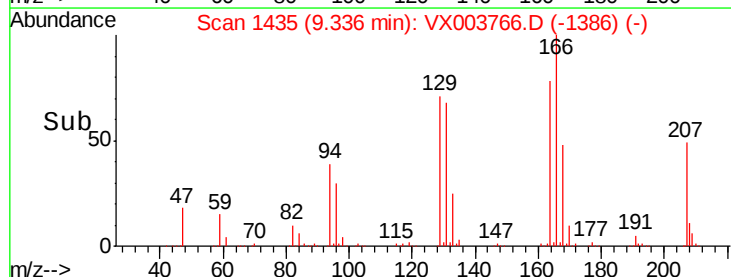
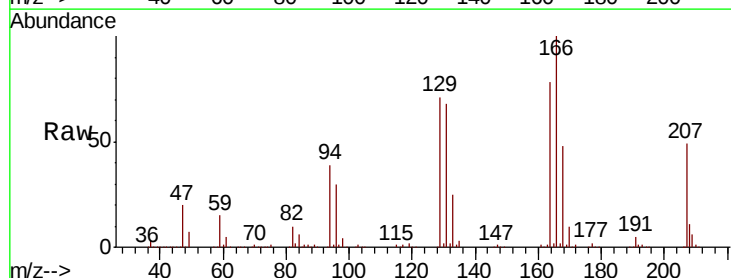
Manual Integrations
APPROVED

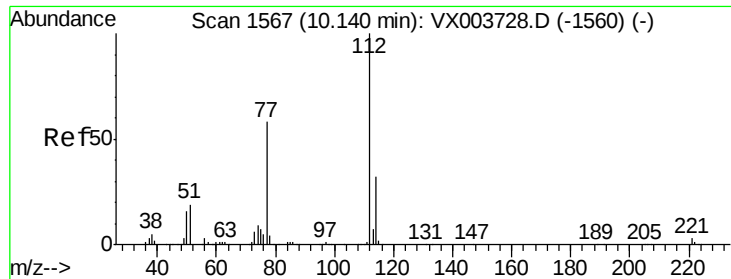
apatel
8/1/2018 6:54:37 PM



#64
Tetrachloroethene
Concen: 53.84 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003766.D
Acq: 31 Jul 2018 22:52

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	100.4	150.6
129	91.0	71.8	107.8
131	87.1	68.3	102.5





#65

Chlorobenzene

Concen: 52.17 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003766.D

Acq: 31 Jul 2018 22:52

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:112 Resp: 168976

Ion Ratio Lower Upper

112 100

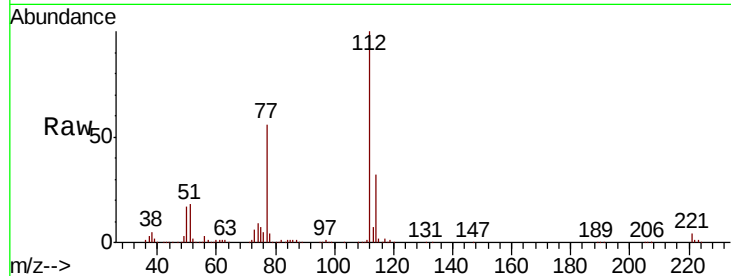
114 31.6 25.7 38.5

Manual Integrations

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apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

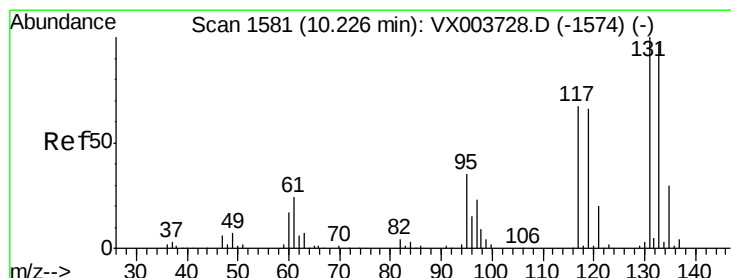
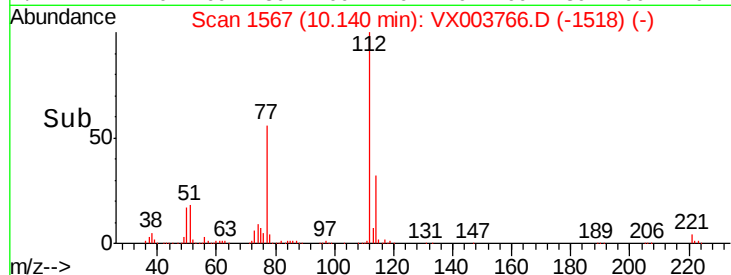
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 53.48 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003766.D

Acq: 31 Jul 2018 22:52

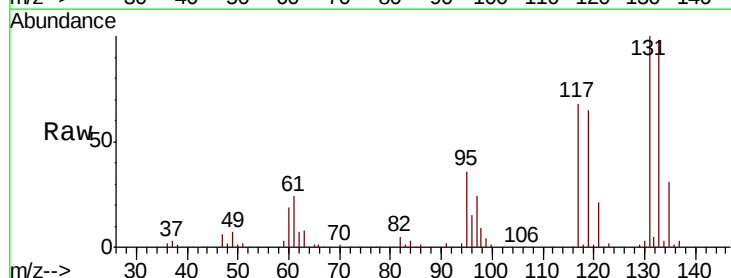
Tgt Ion:131 Resp: 56477

Ion Ratio Lower Upper

131 100

133 97.2 47.6 142.9

119 65.5 32.8 98.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

50000

40000

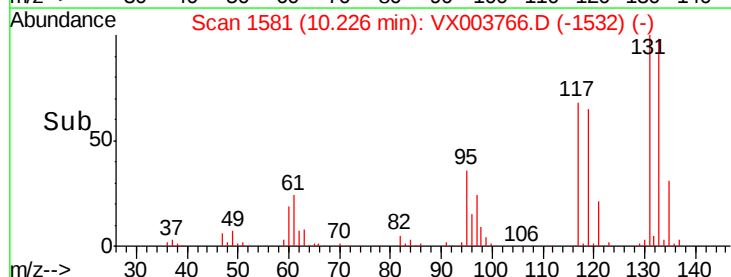
30000

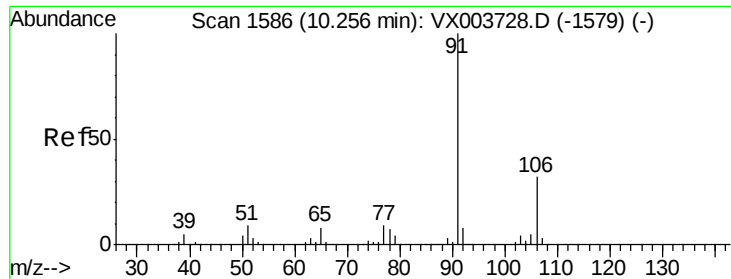
20000

10000

0

Time-->





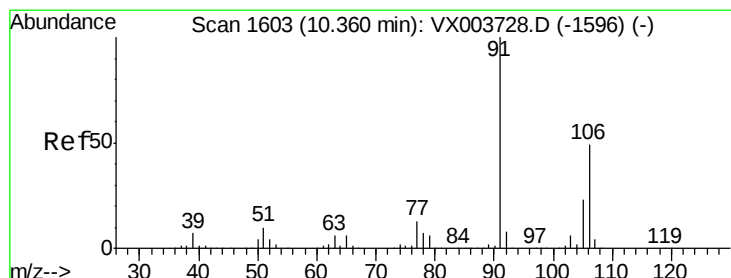
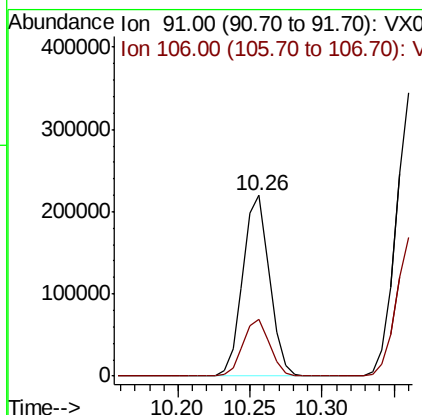
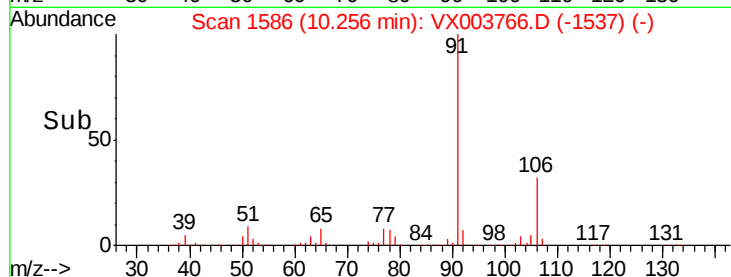
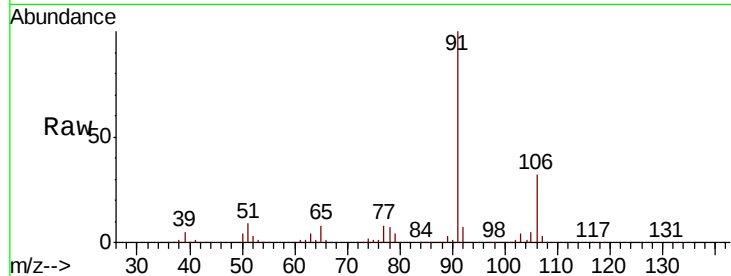
#67
Ethyl Benzene
Concen: 51.64 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003766.D
Acq: 31 Jul 2018 22:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 282400
Ion Ratio Lower Upper
91 100
106 31.6 25.4 38.2

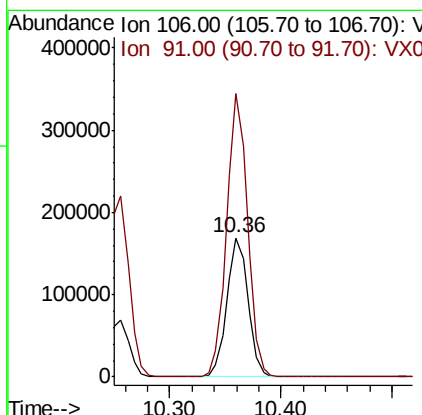
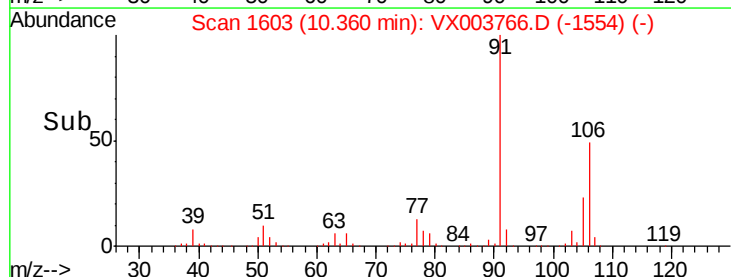
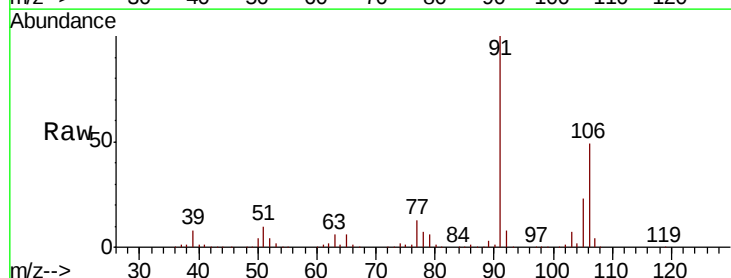
Manual Integrations
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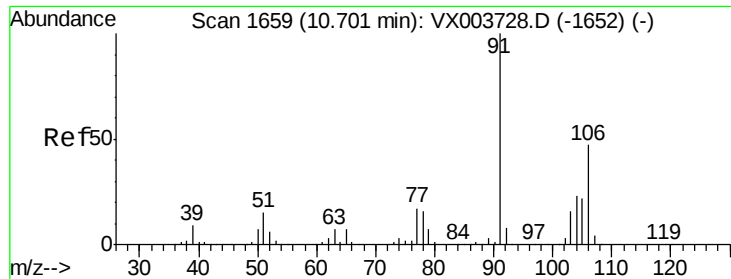
apatel
8/1/2018 6:54:37 PM



#68
m/p-Xylenes
Concen: 103.92 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003766.D
Acq: 31 Jul 2018 22:52

Tgt Ion: 106 Resp: 222303
Ion Ratio Lower Upper
106 100
91 201.1 159.8 239.8





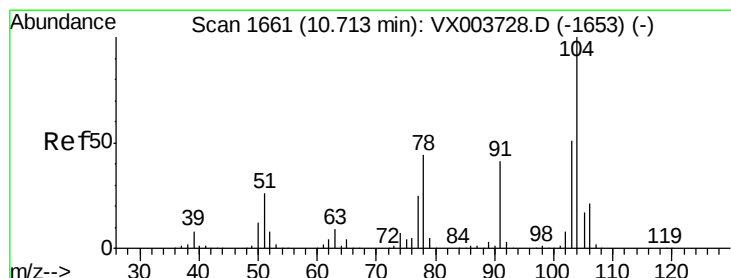
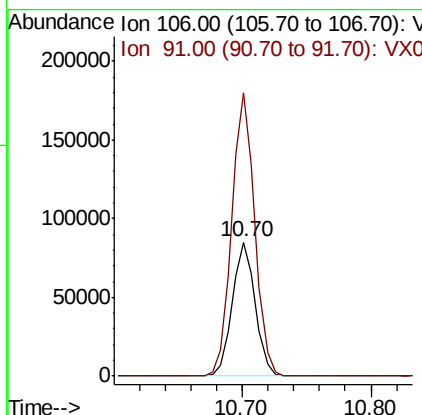
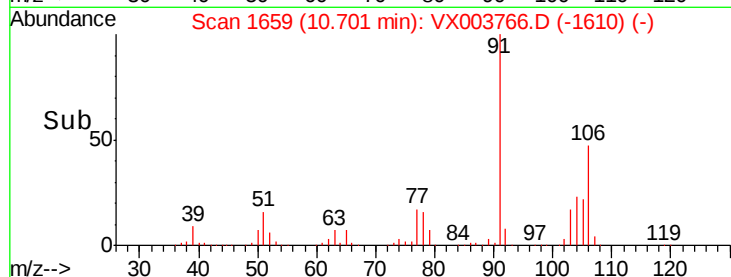
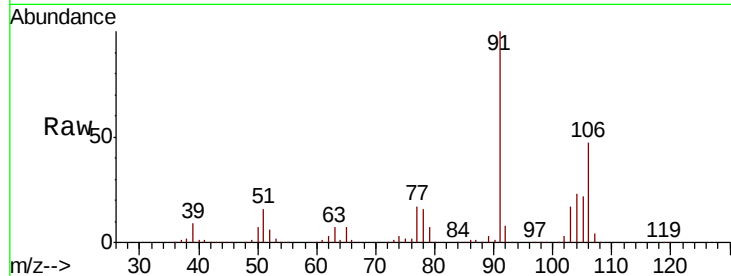
#69
o-Xylene
Concen: 53.13 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003766.D
Acq: 31 Jul 2018 22:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.8	105.6	316.8

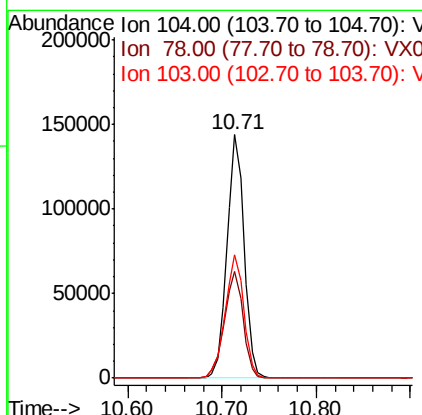
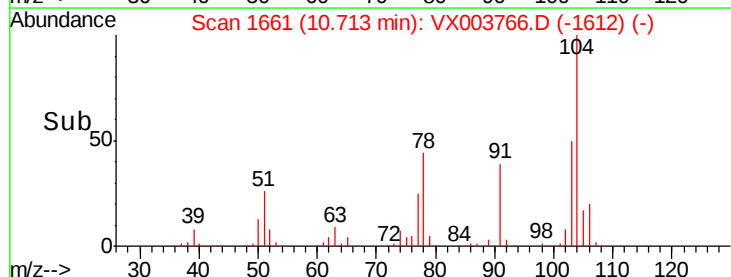
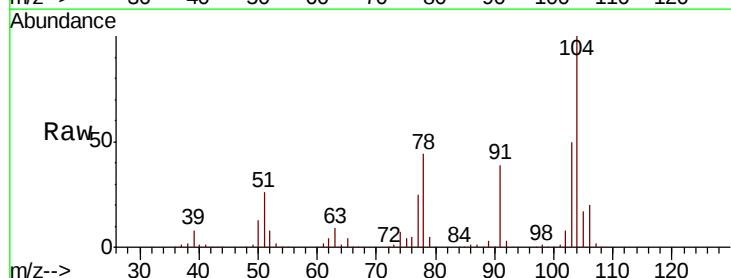
Manual Integrations
APPROVED

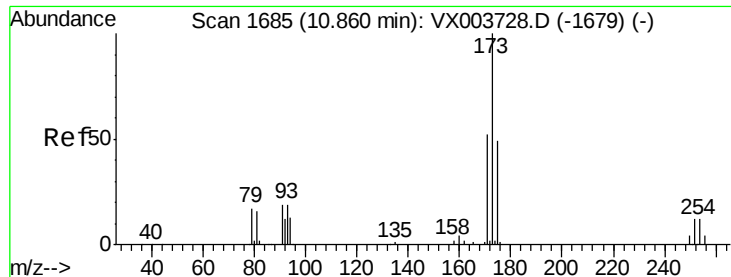
apatel
8/1/2018 6:54:37 PM



#70
Styrene
Concen: 54.37 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003766.D
Acq: 31 Jul 2018 22:52

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.1	38.2	57.2
103	55.1	44.5	66.7





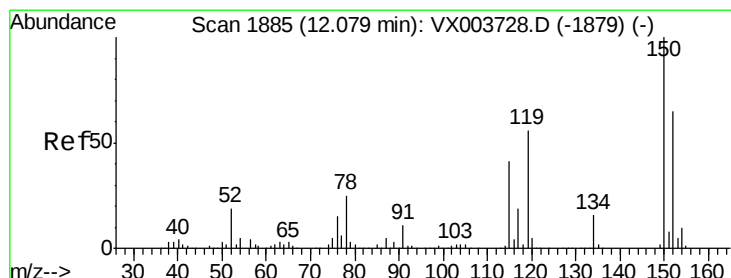
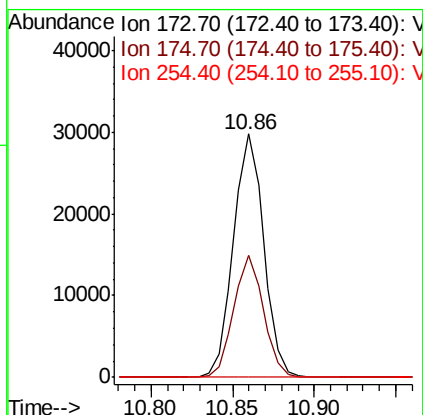
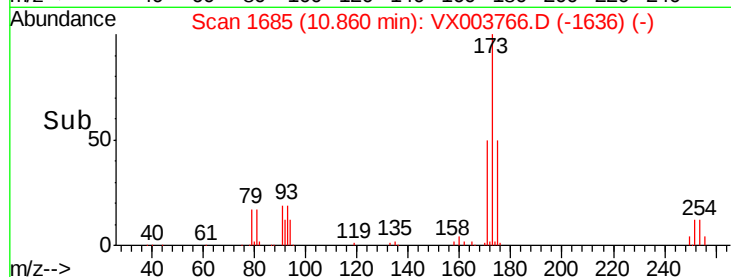
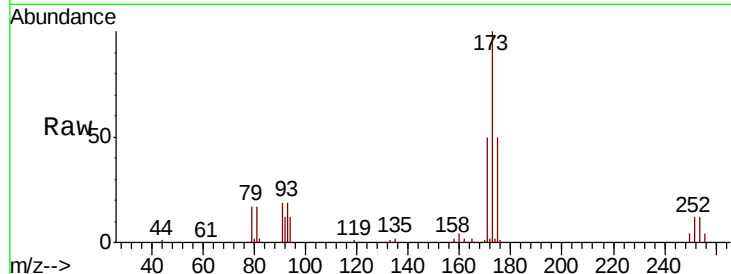
#71
Bromoform
Concen: 53.16 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003766.D
Acq: 31 Jul 2018 22:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.9	74.6
254	0.0	0.0	0.0

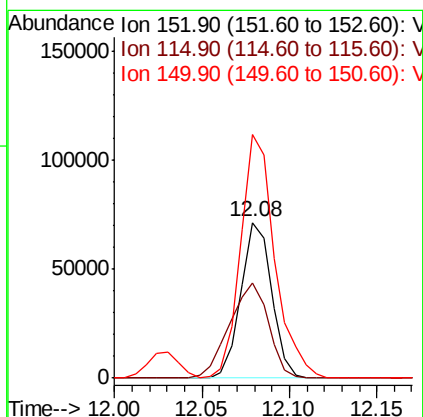
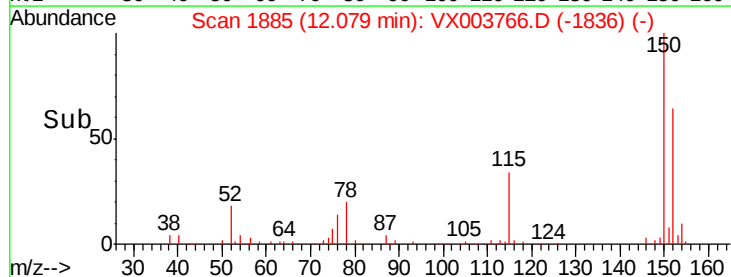
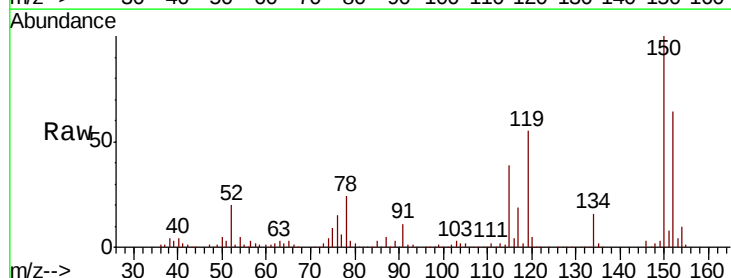
Manual Integrations
APPROVED

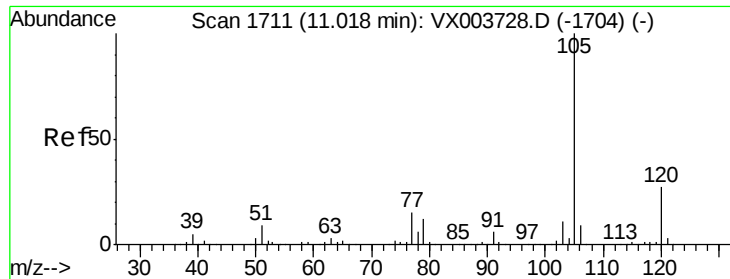
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003766.D
Acq: 31 Jul 2018 22:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.6	38.5	115.3
150	174.0	0.0	346.2





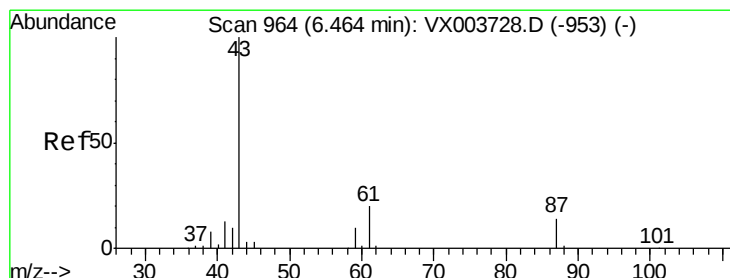
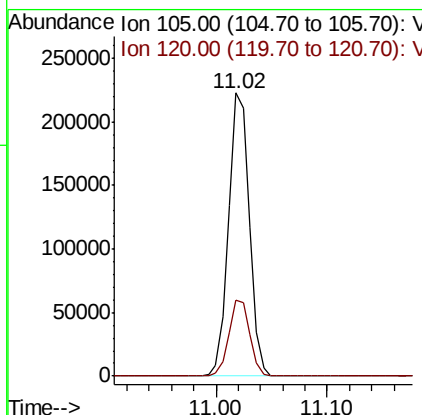
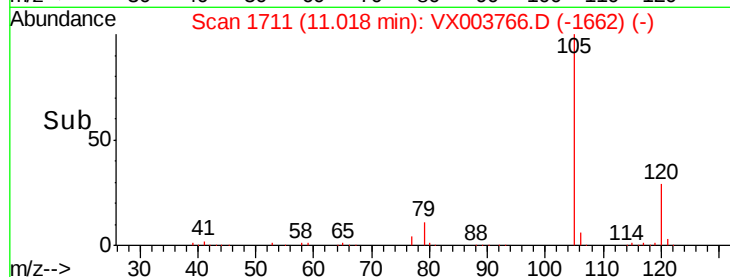
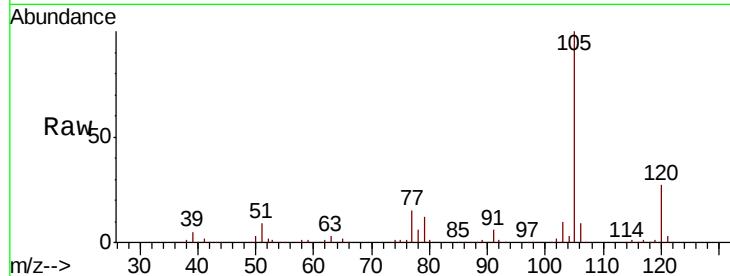
#73
Isopropylbenzene
Concen: 52.56 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. 0.00 min
Lab File: VX003766.D
Acq: 31 Jul 2018 22:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.0	13.5	40.5

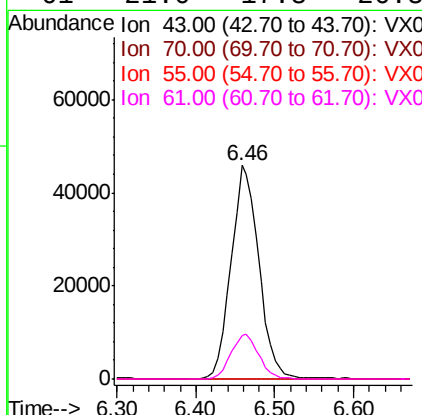
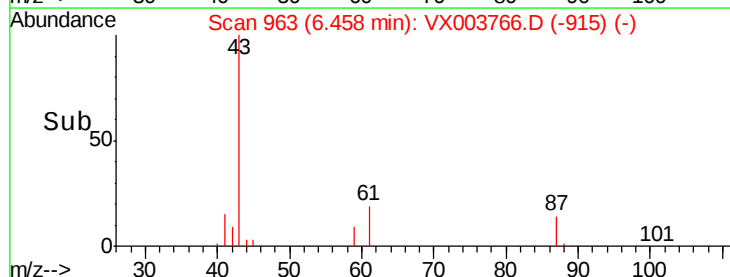
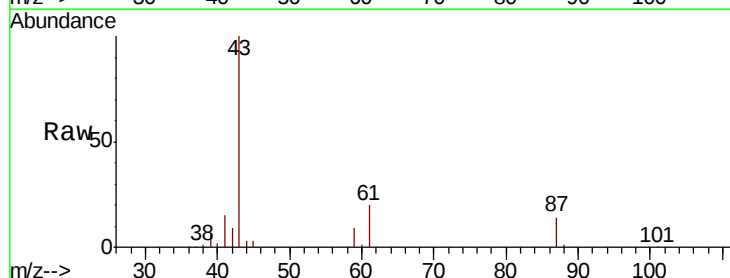
Manual Integrations
APPROVED

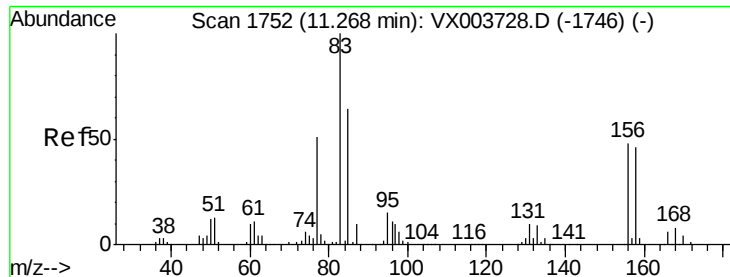
apatel
8/1/2018 6:54:37 PM



#74
N-ethyl acetate
Concen: 58.24 ug/l
RT: 6.46 min Scan# 963
Delta R.T. -0.01 min
Lab File: VX003766.D
Acq: 31 Jul 2018 22:52

Tgt Ion	Ratio	Lower	Upper
43	100		
70	0.0	31.0	46.6#
55	0.0	18.9	28.3#
61	21.0	17.8	26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 52.35 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003766.D

Acq: 31 Jul 2018 22:52

Instrument :

MSVOA_X

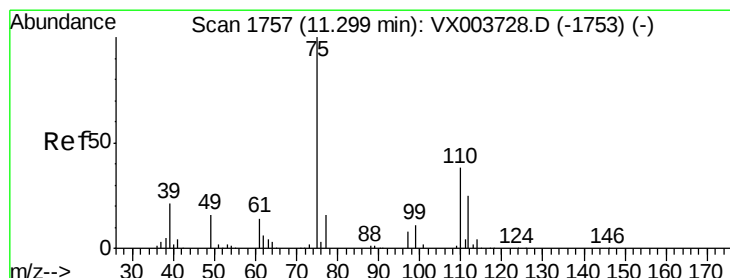
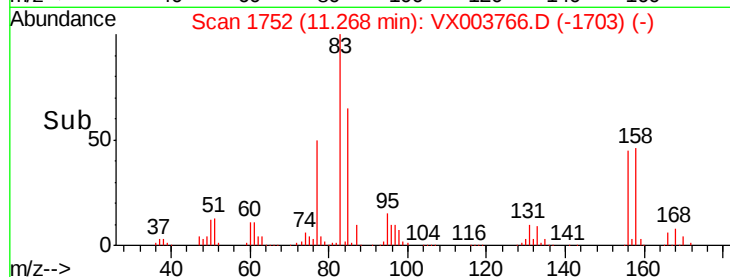
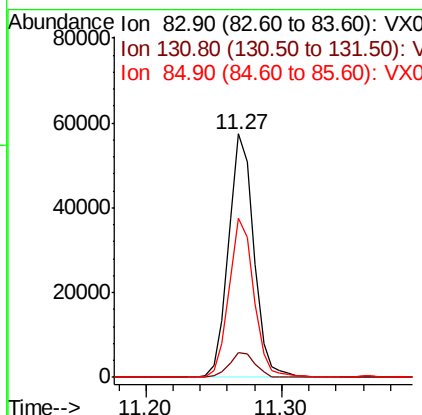
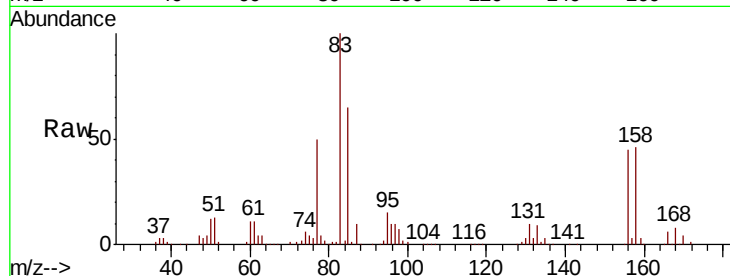
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	74216
Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.3	15.9
85	64.6	32.0	96.2

Manual Integrations
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apatel
8/1/2018 6:54:37 PM



#76

1,2,3-Trichloropropane

Concen: 53.34 ug/l m

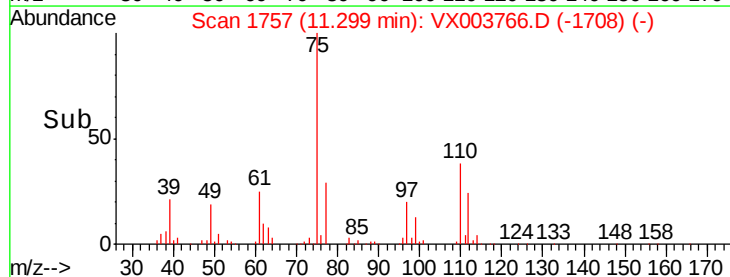
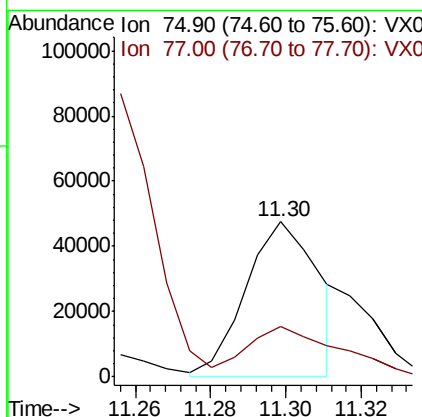
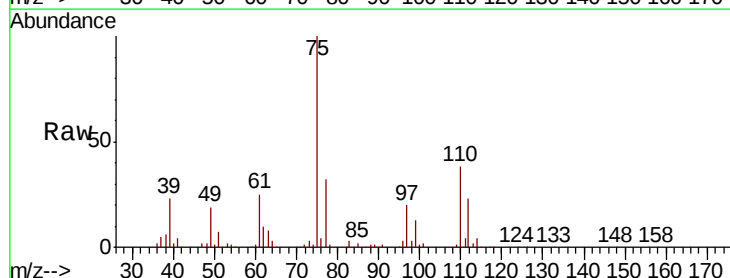
RT: 11.30 min Scan# 1757

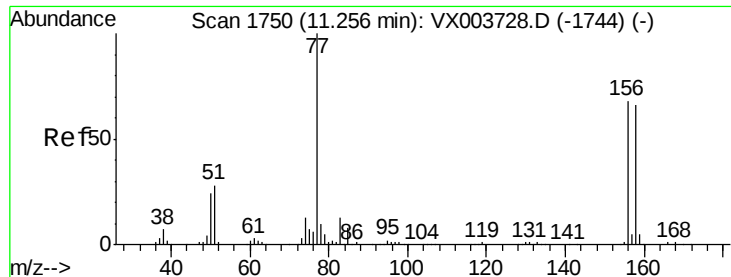
Delta R.T. 0.00 min

Lab File: VX003766.D

Acq: 31 Jul 2018 22:52

Tgt Ion:	75	Resp:	64044
Ion	Ratio	Lower	Upper
75	100		
77	41.3	21.6	65.0





#77

Bromobenzene

Concen: 52.63 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003766.D

Acq: 31 Jul 2018 22:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 74824

Ion Ratio Lower Upper

156 100

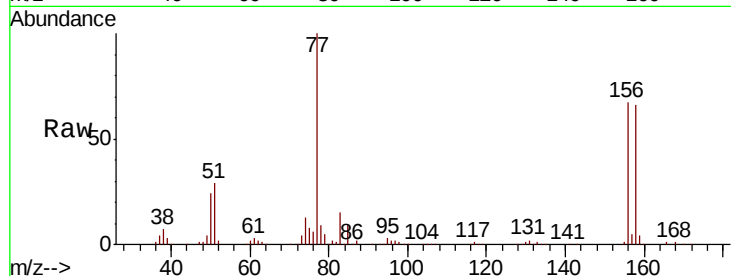
77 147.3 71.8 215.3

158 98.5 48.8 146.4

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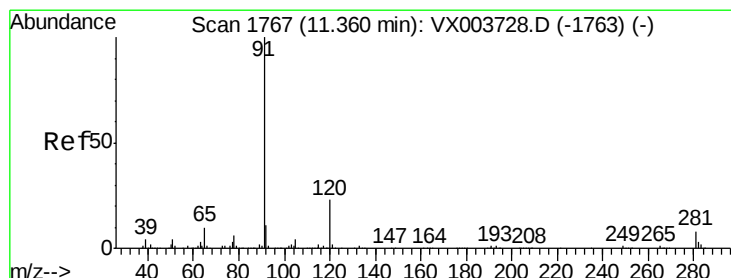
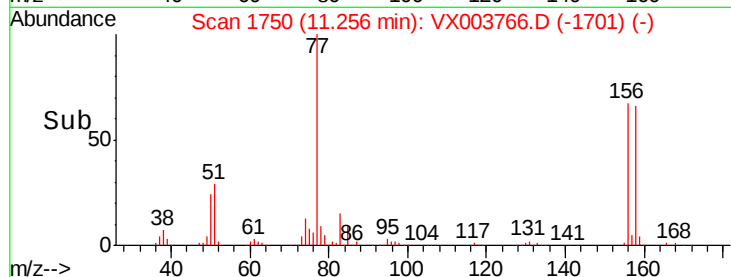
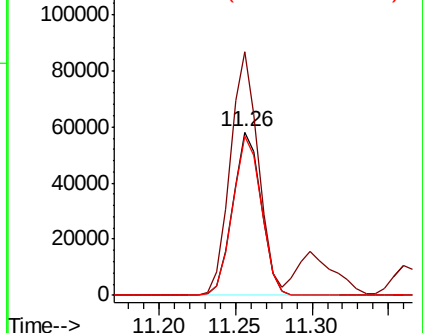
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.06 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003766.D

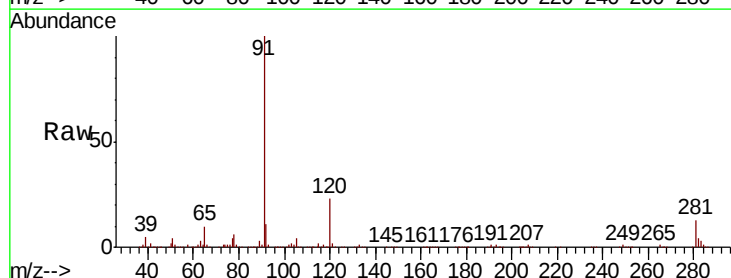
Acq: 31 Jul 2018 22:52

Tgt Ion: 91 Resp: 343971

Ion Ratio Lower Upper

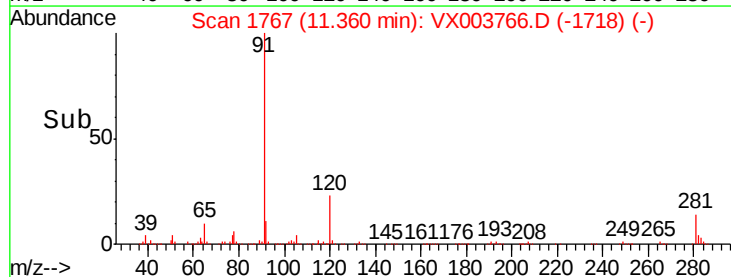
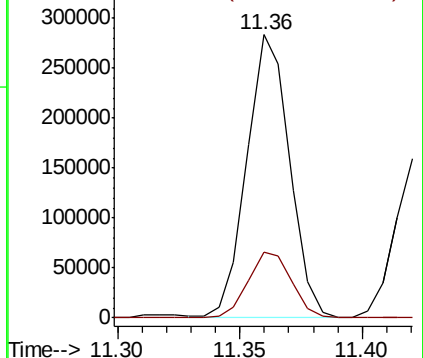
91 100

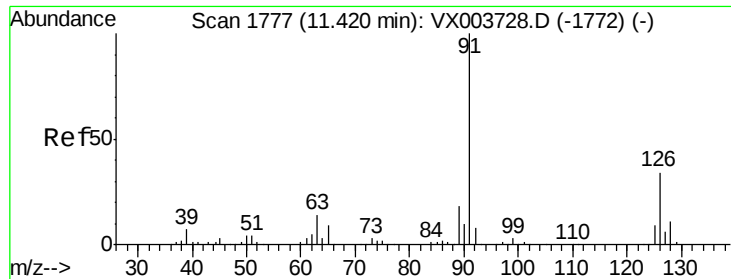
120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.70 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003766.D

Acq: 31 Jul 2018 22:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 197665

Ion Ratio Lower Upper

91 100

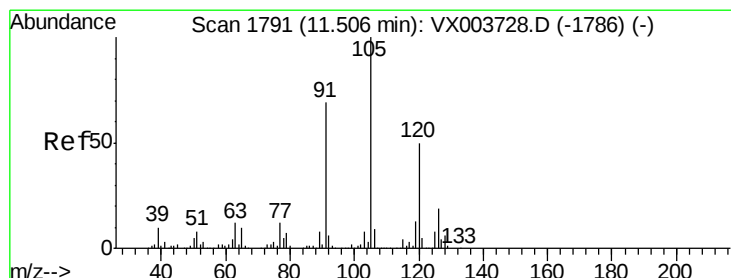
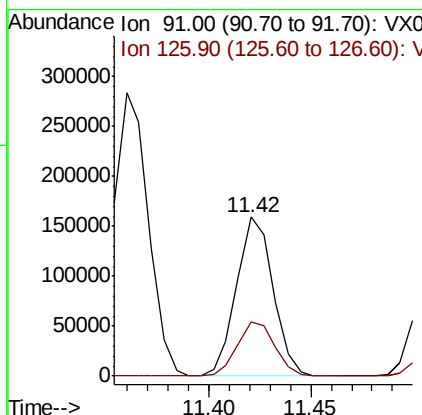
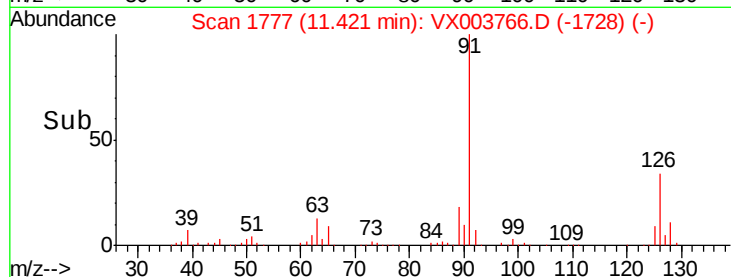
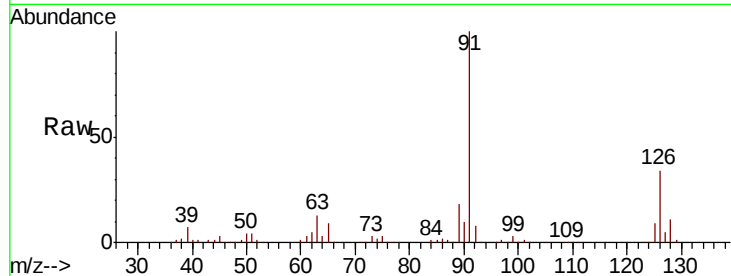
126 35.2 17.6 52.8

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#80

1,3,5-Trimethylbenzene

Concen: 53.21 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX003766.D

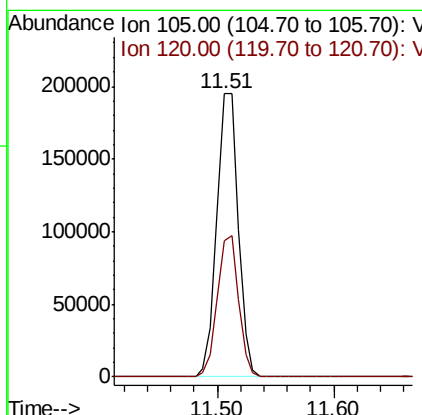
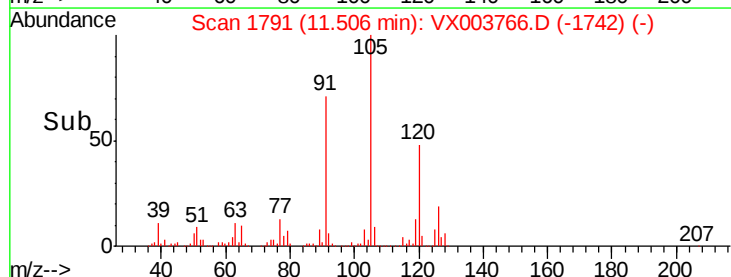
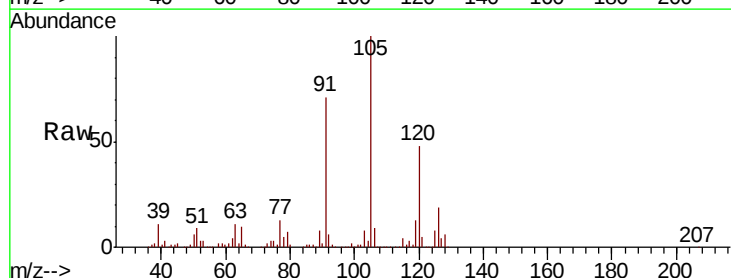
Acq: 31 Jul 2018 22:52

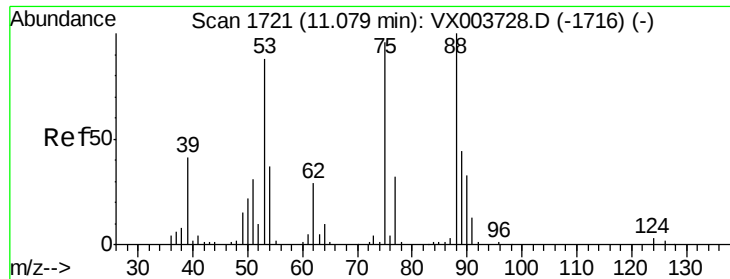
Tgt Ion: 105 Resp: 247679

Ion Ratio Lower Upper

105 100

120 49.2 15.8 47.4#





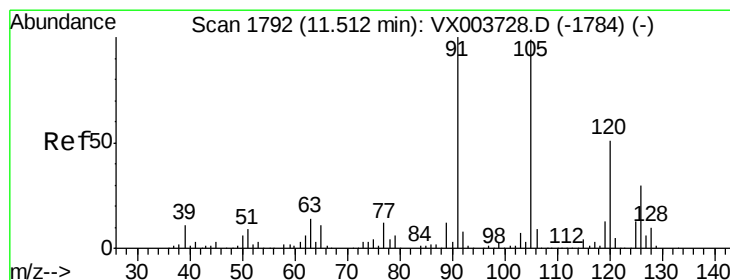
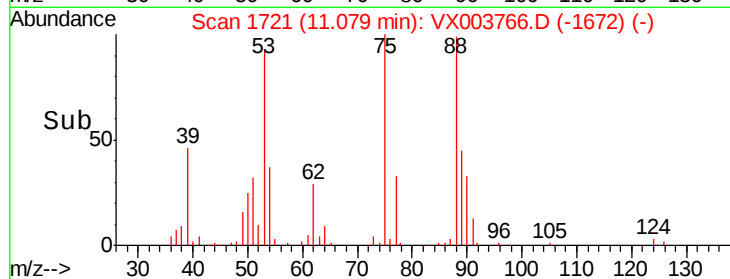
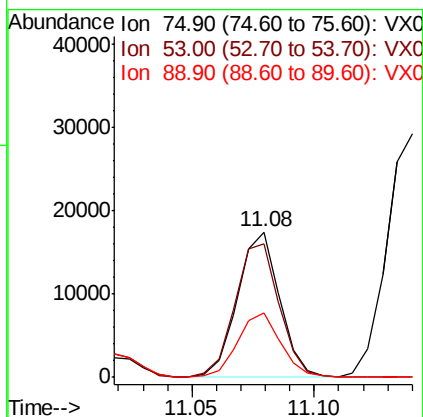
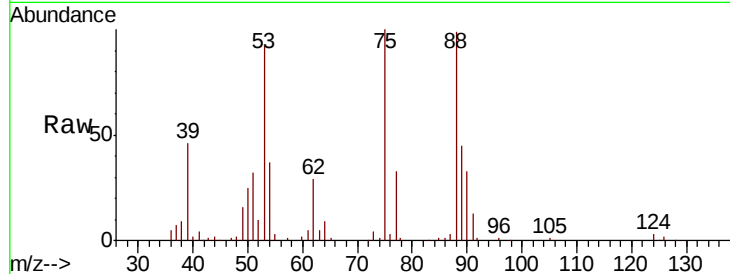
#81
trans-1,4-Dichloro-2-butene
Concen: 50.88 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003766.D
Acq: 31 Jul 2018 22:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.3	75.8	113.8
89	46.2	39.1	58.7

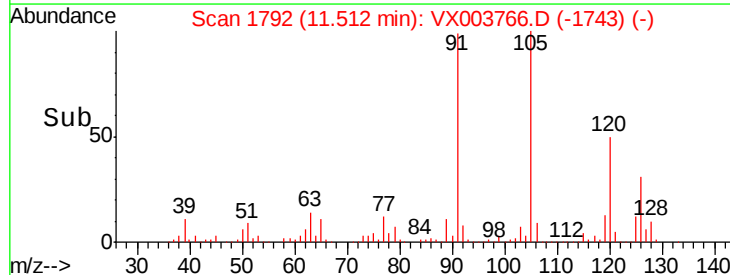
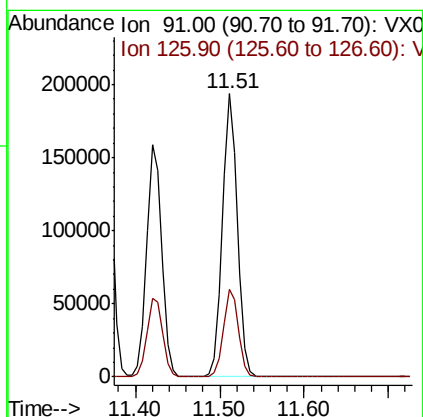
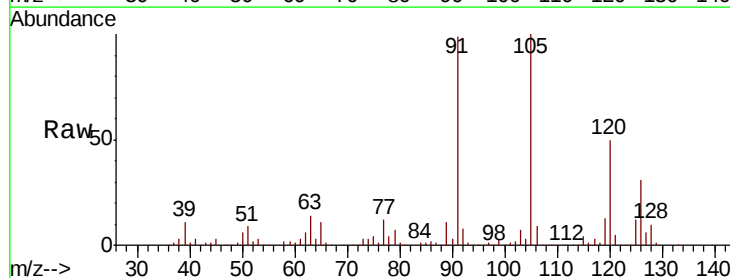
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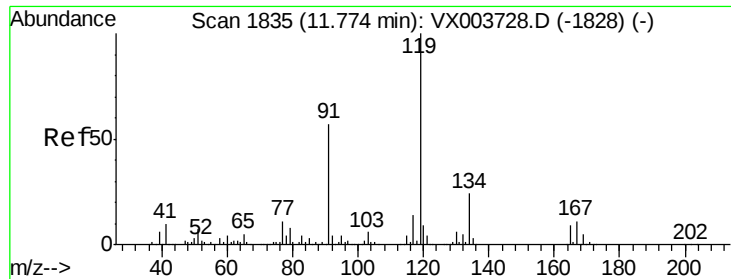
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#82
4-Chlorotoluene
Concen: 52.59 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003766.D
Acq: 31 Jul 2018 22:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.6	46.7





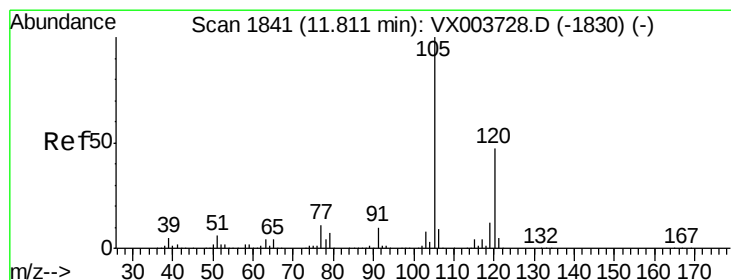
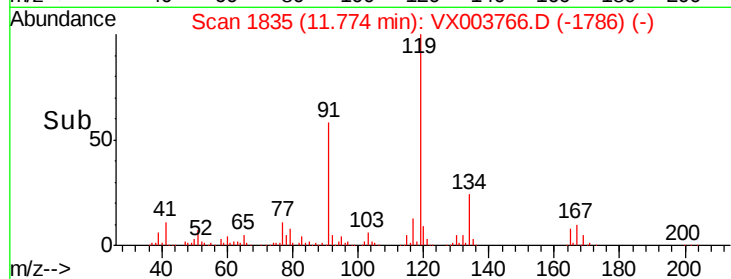
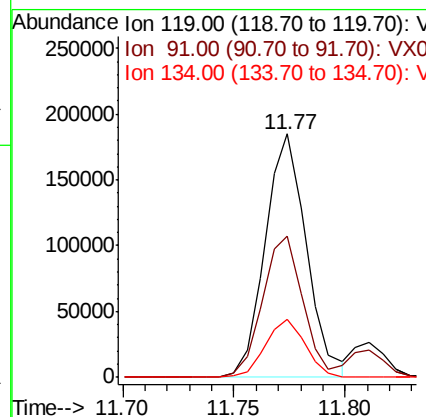
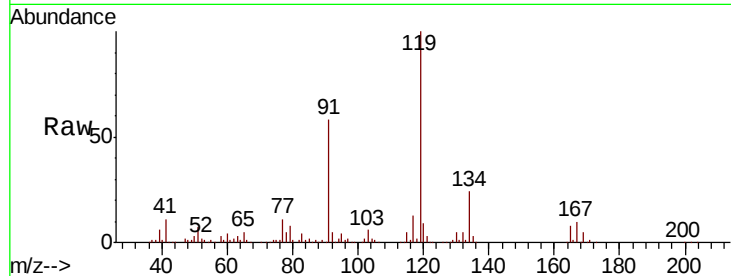
#83
 tert-Butylbenzene
 Concen: 51.80 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003766.D
 Acq: 31 Jul 2018 22:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.4	27.2	81.6
134	23.0	11.6	34.8

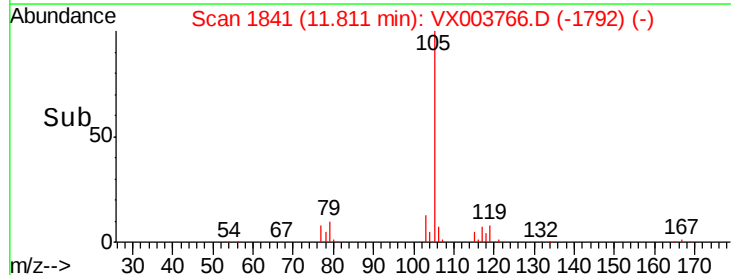
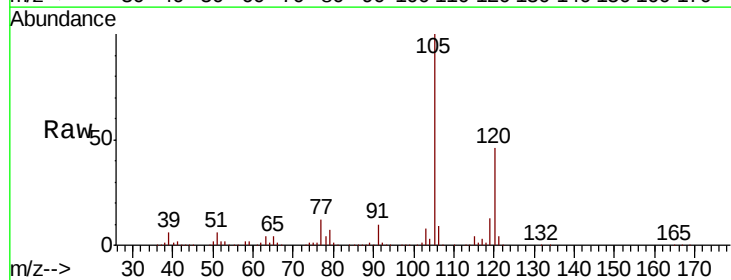
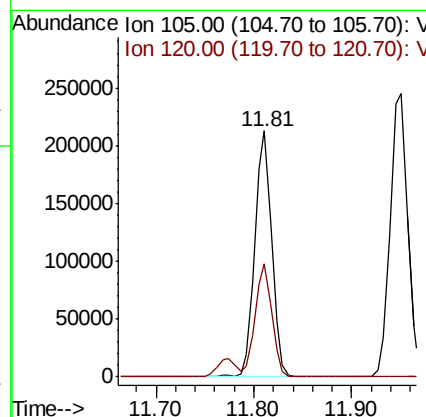
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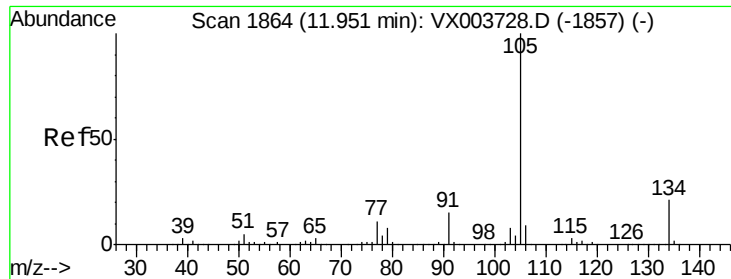
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.42 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003766.D
 Acq: 31 Jul 2018 22:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	23.1	69.2





#85

sec-Butylbenzene

Concen: 51.75 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003766.D

Acq: 31 Jul 2018 22:52

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 304817

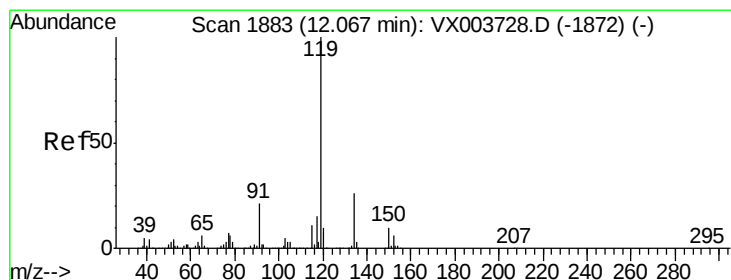
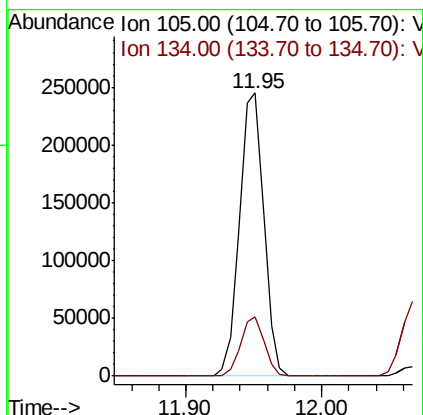
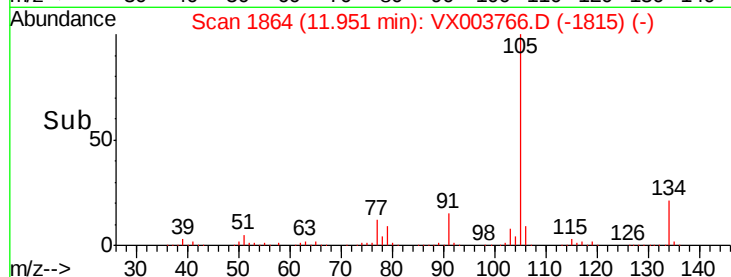
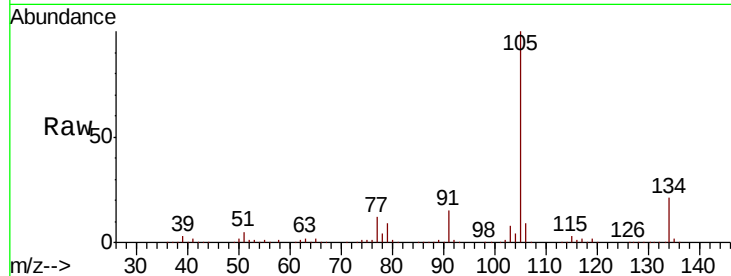
Ion Ratio Lower Upper

105 100

134 20.5 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 51.77 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003766.D

Acq: 31 Jul 2018 22:52

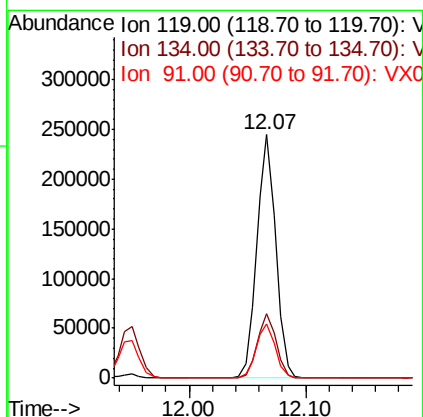
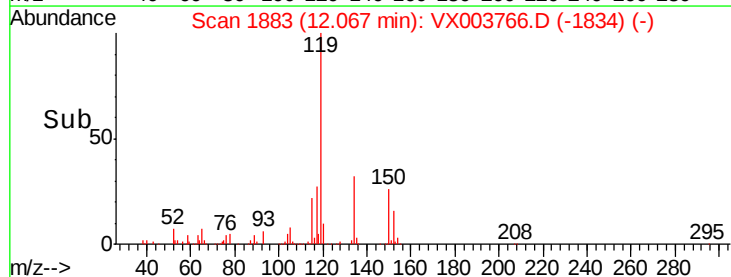
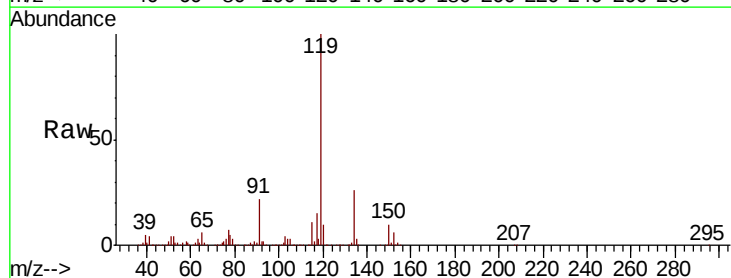
Tgt Ion:119 Resp: 277156

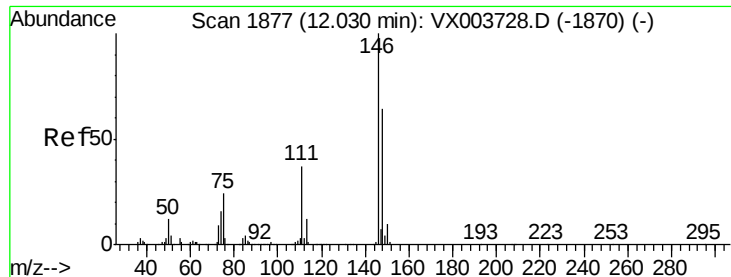
Ion Ratio Lower Upper

119 100

134 26.5 10.1 30.1

91 22.6 23.6 70.8#





#87

1,3-Dichlorobenzene

Concen: 50.99 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003766.D

Acq: 31 Jul 2018 22:52

Instrument :

MSVOA_X

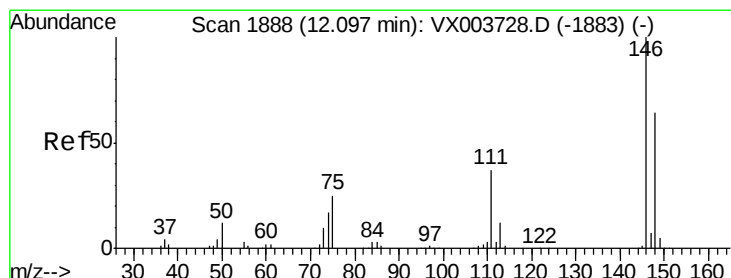
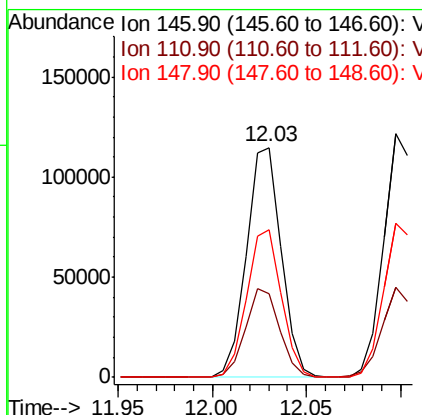
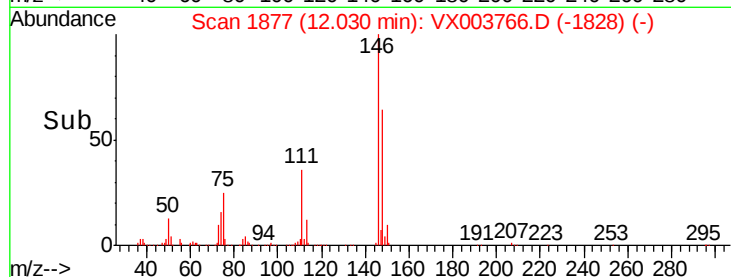
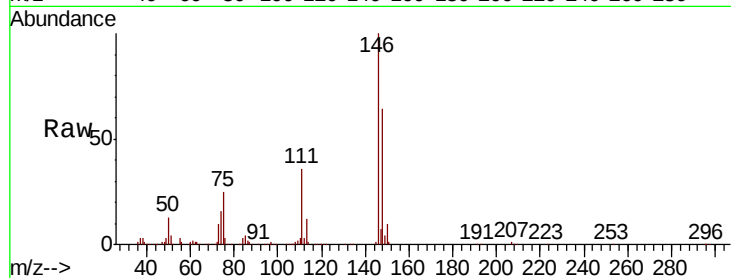
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	146640
Ion Ratio	Lower	Upper	
146	100		
111	37.9	18.8	56.3
148	64.0	31.9	95.9

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#88

1,4-Dichlorobenzene

Concen: 50.57 ug/l

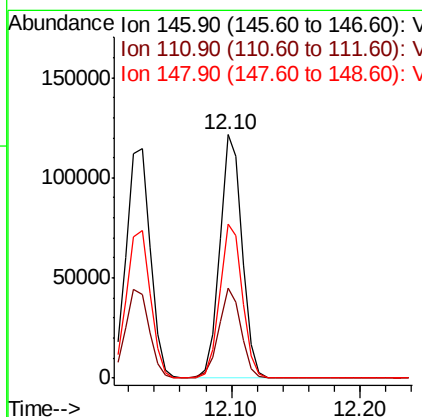
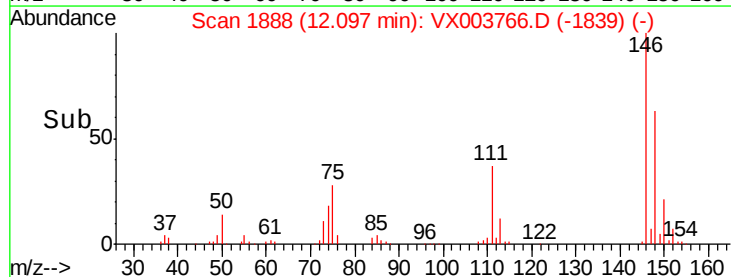
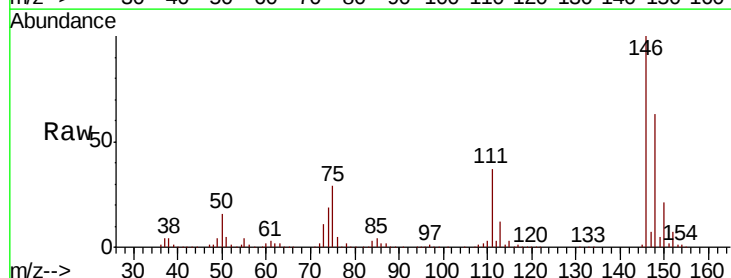
RT: 12.10 min Scan# 1888

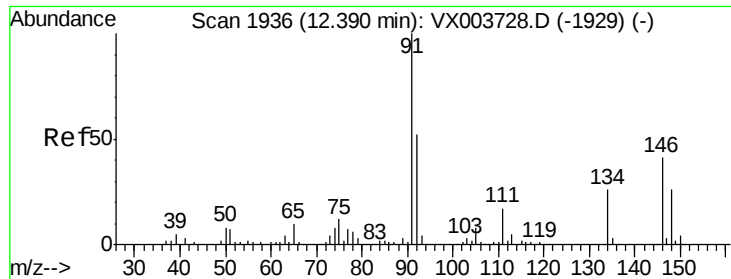
Delta R.T. 0.00 min

Lab File: VX003766.D

Acq: 31 Jul 2018 22:52

Tgt Ion:	146	Resp:	148394
Ion Ratio	Lower	Upper	
146	100		
111	36.9	18.3	54.9
148	64.0	32.0	96.2





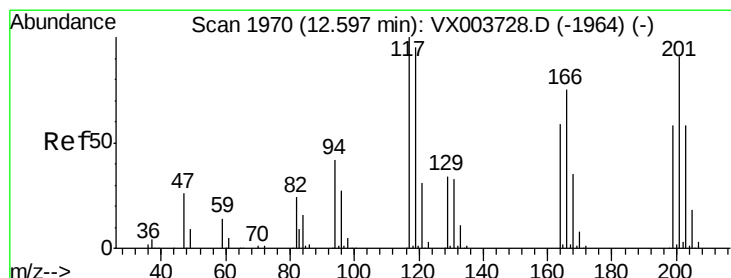
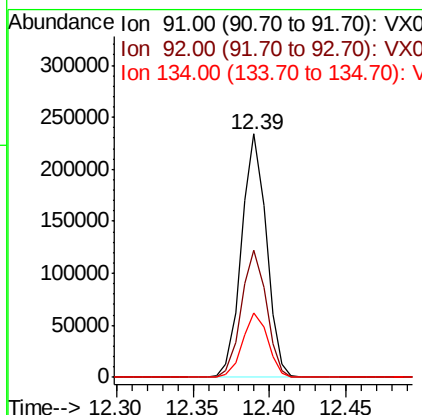
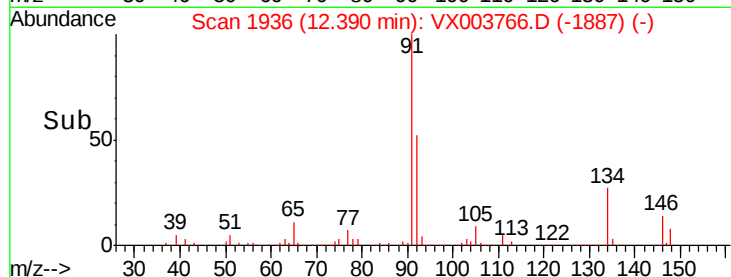
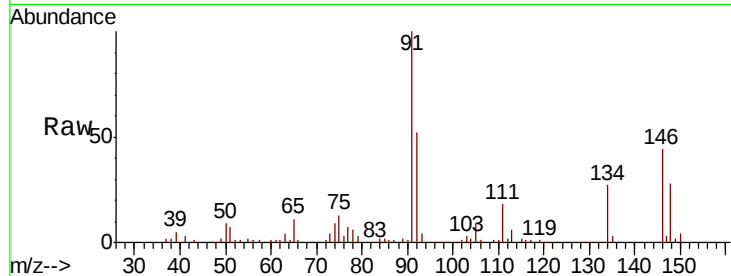
#89
n-Butylbenzene
Concen: 51.70 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003766.D
Acq: 31 Jul 2018 22:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.2	78.5
134	26.9	13.6	40.7

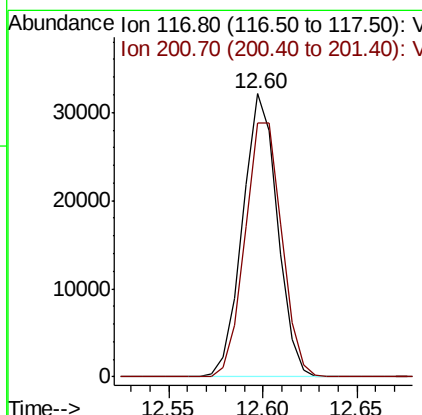
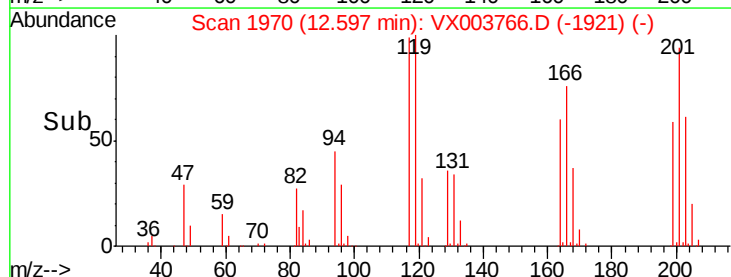
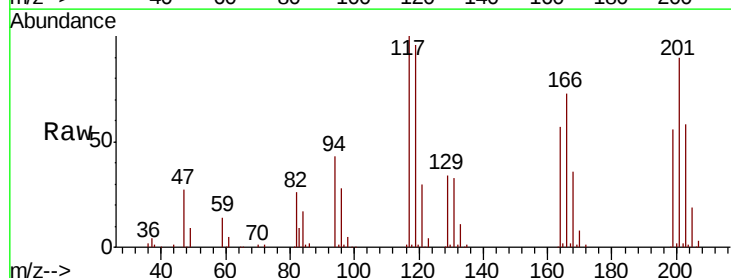
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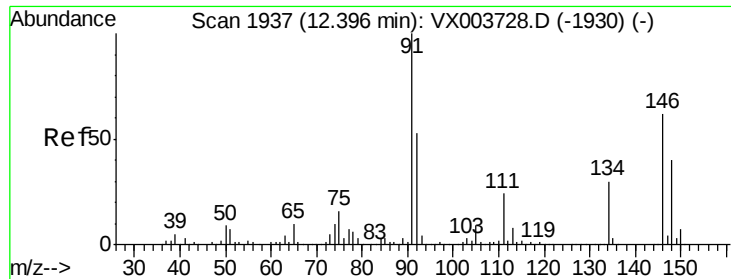
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#90
Hexachloroethane
Concen: 51.64 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003766.D
Acq: 31 Jul 2018 22:52

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.1	49.3	147.8





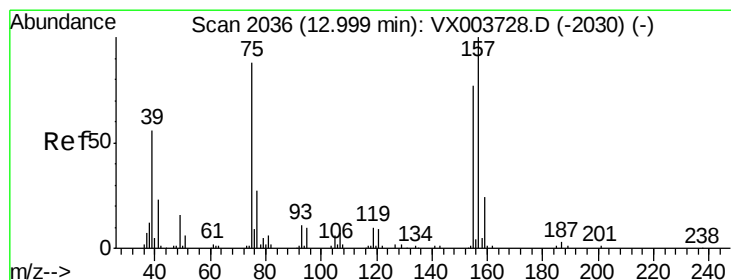
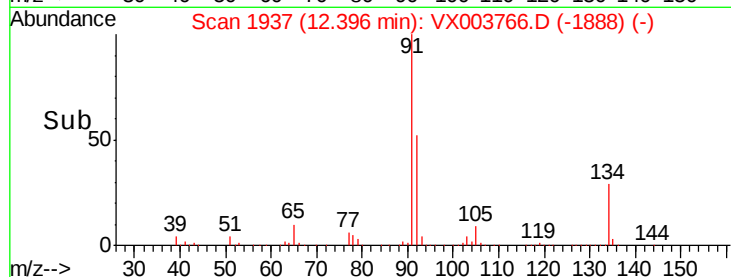
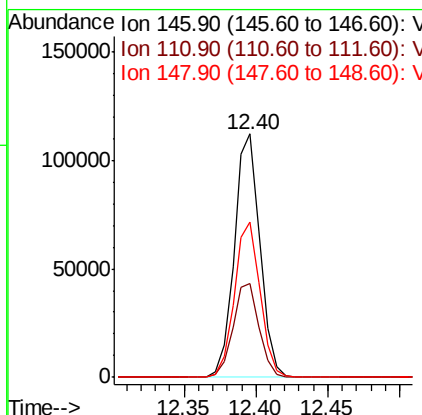
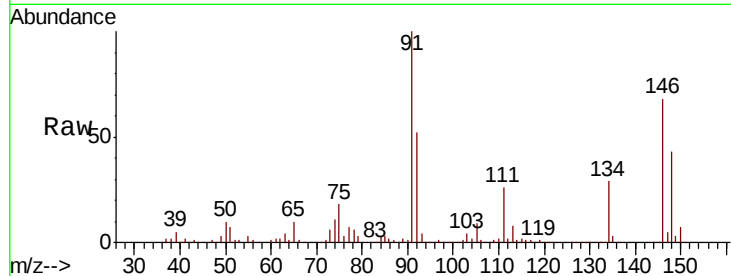
#91
 1,2-Dichlorobenzene
 Concen: 51.93 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003766.D
 Acq: 31 Jul 2018 22:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.4	58.4
148	64.0	32.0	96.0

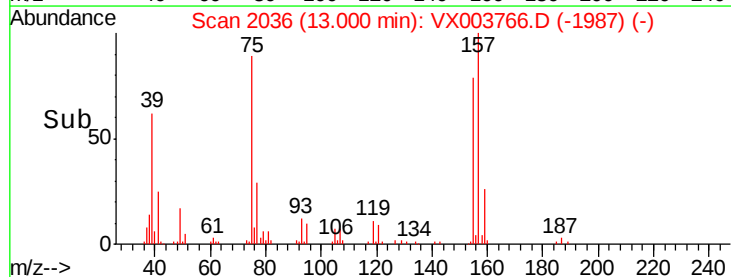
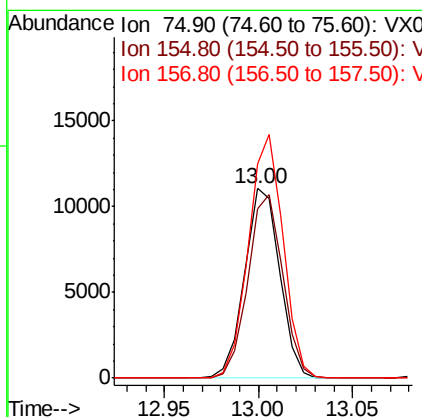
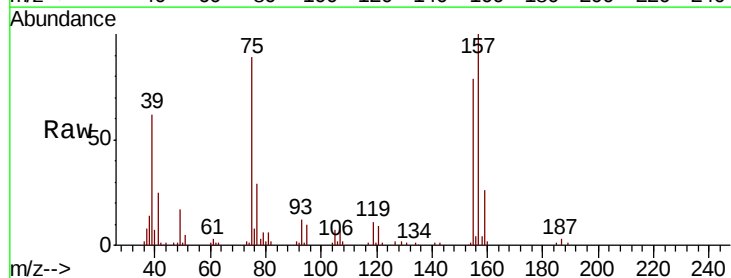
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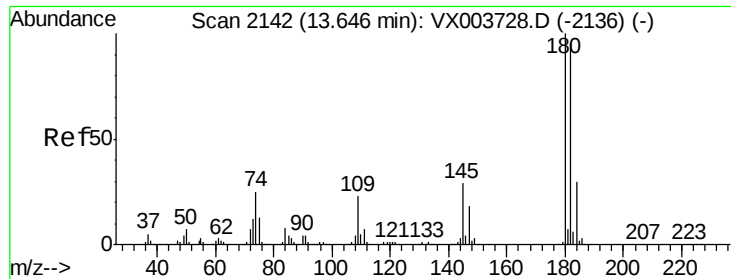
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.96 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX003766.D
 Acq: 31 Jul 2018 22:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.8	48.9	146.7
157	125.6	63.7	191.1





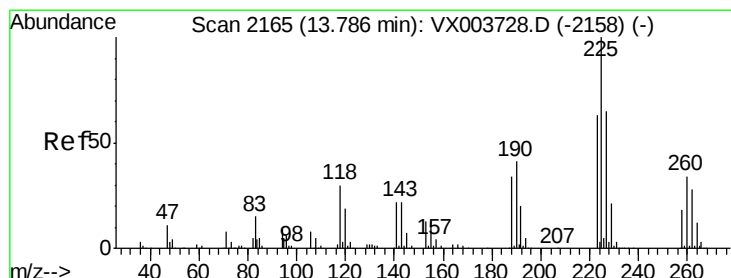
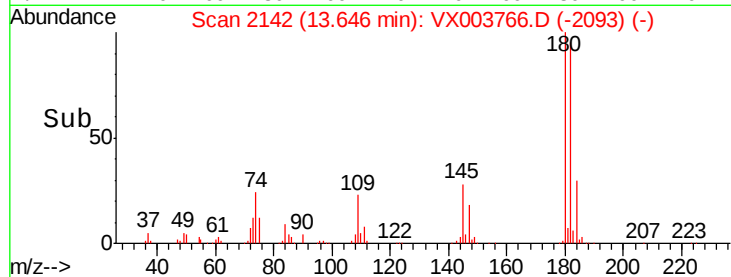
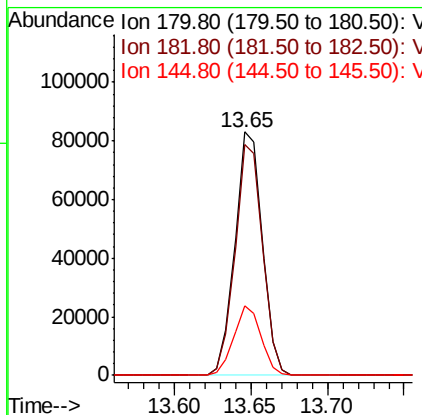
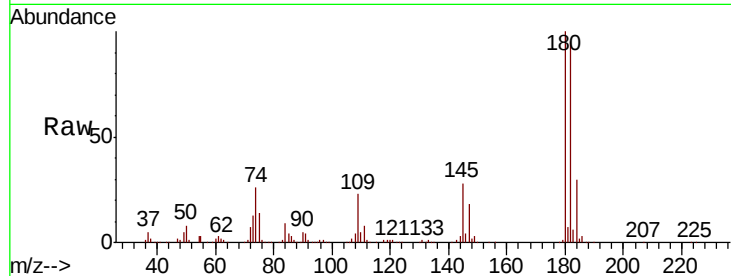
#93
 1,2,4-Trichlorobenzene
 Concen: 48.50 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003766.D
 Acq: 31 Jul 2018 22:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.6	142.9
145	28.2	14.1	42.2

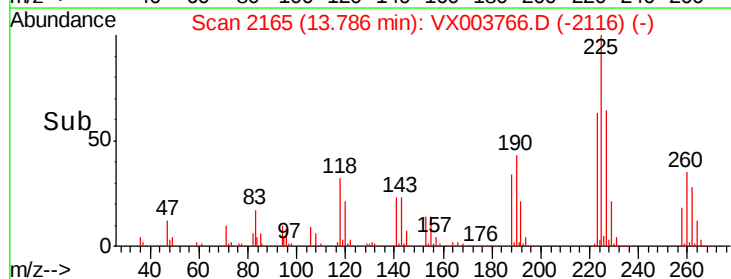
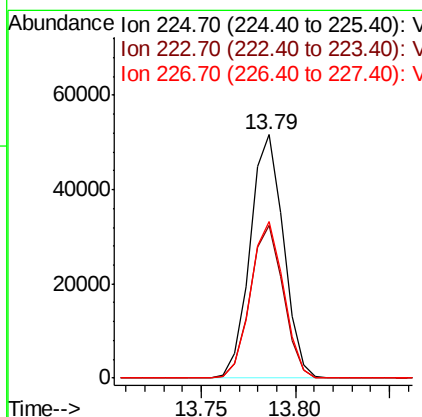
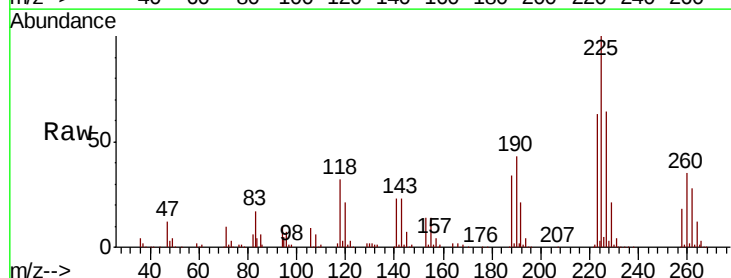
Manual Integrations
 APPROVED

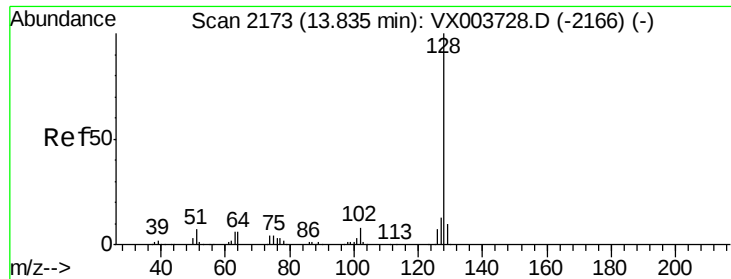
apatel
 8/1/2018 6:54:37 PM



#94
 Hexachlorobutadiene
 Concen: 46.58 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003766.D
 Acq: 31 Jul 2018 22:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.1	93.5
227	63.9	31.9	95.9





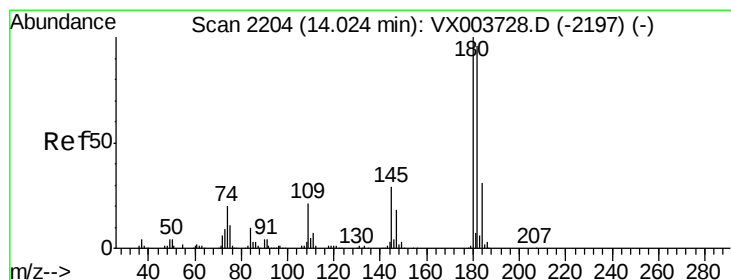
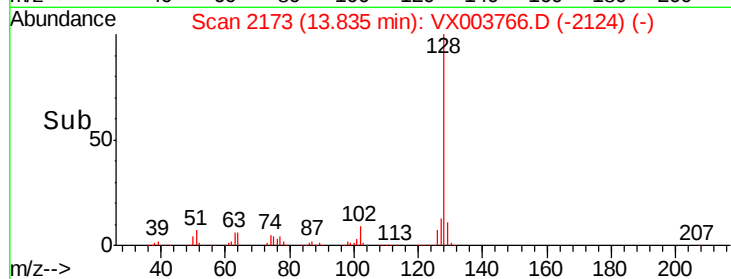
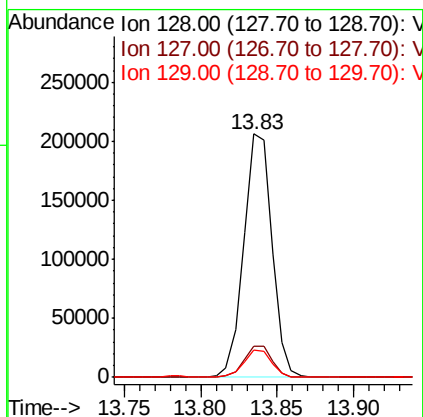
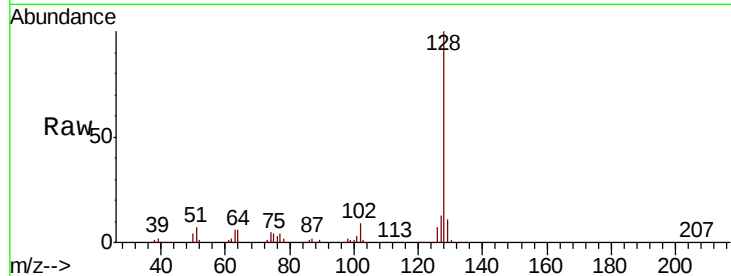
#95
Naphthalene
Concen: 58.03 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003766.D
Acq: 31 Jul 2018 22:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	11.0	8.7	13.1

Manual Integrations
APPROVED

apatel
8/1/2018 6:54:37 PM



#96
1,2,3-Trichlorobenzene
Concen: 45.62 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003766.D
Acq: 31 Jul 2018 22:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.9	143.8
145	30.2	14.7	44.1

