

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003252.D
 Acq On : 09 Jul 2018 18:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/10/2018 3:11:49 PM

Quant Time: Jul 10 01:13:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	265632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	328762	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	300526	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215688	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	195223	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
35) Dibromofluoromethane	5.51	113	170464	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
50) Toluene-d8	8.72	98	623415	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
62) 4-Bromofluorobenzene	11.14	95	231111	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	201083	49.79	ug/l	99
3) Chloromethane	1.32	50	163287	44.47	ug/l	99
4) Vinyl Chloride	1.40	62	179124	47.53	ug/l	100
5) Bromomethane	1.64	94	65097	58.22	ug/l	98
6) Chloroethane	1.71	64	99776	47.79	ug/l	99
7) Trichlorofluoromethane	1.92	101	265706	47.43	ug/l	99
8) Diethyl Ether	2.19	74	93322	46.08	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	153114	46.68	ug/l	96
10) Methyl Iodide	2.51	142	148486	42.02	ug/l	97
11) Tert butyl alcohol	3.09	59	194390	256.49	ug/l	99
12) 1,1-Dichloroethene	2.37	96	136651	45.78	ug/l	90
13) Acrolein	2.29	56	131658	215.57	ug/l	98
14) Allyl chloride	2.73	41	262012	47.39	ug/l	94
15) Acrylonitrile	3.15	53	410066	242.31	ug/l	99
16) Acetone	2.45	43	373934	251.95	ug/l	95
17) Carbon Disulfide	2.57	76	376863	45.43	ug/l	99
18) Methyl Acetate	2.78	43	215422	51.45	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	460060	46.14	ug/l	99
20) Methylene Chloride	2.85	84	150845	49.59	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	145939	45.86	ug/l	95
22) Diisopropyl ether	3.88	45	474573	42.19	ug/l	98
23) Vinyl Acetate	3.83	43	2091637	219.01	ug/l	97
24) 1,1-Dichloroethane	3.70	63	270025	46.12	ug/l	100
25) 2-Butanone	4.72	43	644368	245.36	ug/l	94
26) 2,2-Dichloropropane	4.59	77	229968	44.91	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	182910	46.77	ug/l	93
28) Bromochloromethane	5.02	49	135760	46.02	ug/l	85
29) Tetrahydrofuran	5.17	42	412206	241.83	ug/l	95
30) Chloroform	5.22	83	300751	46.70	ug/l	98
31) Cyclohexane	5.57	56	260697	47.55	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	272145	47.90	ug/l	97
36) 1,1-Dichloropropene	5.80	75	224433	48.22	ug/l	98
37) Ethyl Acetate	4.87	43	242058	47.44	ug/l	97
38) Carbon Tetrachloride	5.79	117	249427	48.99	ug/l	99

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Quant Time: Jul 10 01:13:52 2018
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 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	267562	48.80	ug/l	96
40) Benzene	6.15	78	672406	48.75	ug/l	100
41) Methacrylonitrile	5.07	41	139459	49.93	ug/l	96
42) 1,2-Dichloroethane	6.20	62	237336	46.06	ug/l	97
43) Isopropyl Acetate	6.48	43	390159	48.70	ug/l	96
44) Trichloroethene	7.21	130	200591	49.18	ug/l	97
45) 1,2-Dichloropropane	7.52	63	167807	46.80	ug/l	100
46) Dibromomethane	7.66	93	116611	47.71	ug/l	91
47) Bromodichloromethane	7.90	83	219552	48.69	ug/l	97
48) Methyl methacrylate	7.79	41	206224	50.19	ug/l	92
49) 1,4-Dioxane	7.76	88	89713	1044.18	ug/l	95
51) 4-Methyl-2-Pentanone	8.66	43	1262855	253.18	ug/l	96
52) Toluene	8.79	92	427957	49.09	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	262819	49.53	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	241039	49.91	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	175004	48.39	ug/l	96
56) Ethyl methacrylate	9.19	69	253130	51.10	ug/l #	89
57) 1,3-Dichloropropane	9.38	76	280876	48.21	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	635193	265.81	ug/l	95
59) 2-Hexanone	9.50	43	972140	256.60	ug/l	94
60) Dibromochloromethane	9.59	129	190474	50.44	ug/l	100
61) 1,2-Dibromoethane	9.68	107	185521	48.94	ug/l	100
64) Tetrachloroethene	9.34	164	229191	50.45	ug/l	99
65) Chlorobenzene	10.14	112	495400	48.51	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	187340	50.85	ug/l	99
67) Ethyl Benzene	10.26	91	823406	49.86	ug/l	100
68) m/p-Xylenes	10.36	106	648471	100.94	ug/l	97
69) o-Xylene	10.70	106	312988	50.29	ug/l	97
70) Styrene	10.71	104	513747	50.91	ug/l	98
71) Bromoform	10.86	173	156963	51.78	ug/l	100
73) Isopropylbenzene	11.02	105	850314	49.93	ug/l	99
74) N-amyl acetate	6.48	43	390159	48.03	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	253078	47.91	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	255995m	54.92	ug/l	
77) Bromobenzene	11.26	156	243482	49.52	ug/l	93
78) n-propylbenzene	11.37	91	942733	49.79	ug/l	97
79) 2-Chlorotoluene	11.43	91	560622	48.60	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	712761	50.26	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	72423	50.78	ug/l	94
82) 4-Chlorotoluene	11.51	91	655555	48.67	ug/l	97
83) tert-Butylbenzene	11.77	119	711387	50.22	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	730191	50.29	ug/l	97
85) sec-Butylbenzene	11.95	105	842619	50.33	ug/l	98
86) p-Isopropyltoluene	12.07	119	770750	50.53	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	436962	48.45	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	437418	47.90	ug/l	98
89) n-Butylbenzene	12.39	91	629175	49.37	ug/l	98
90) Hexachloroethane	12.60	117	114765	49.28	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	434660	47.99	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	55029	48.56	ug/l	84

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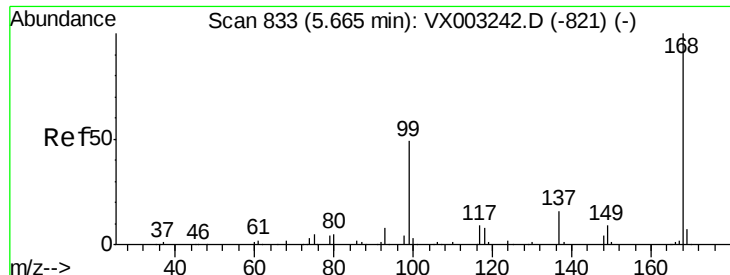
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Mon Jul 09 15:24:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	328807	49.89	ug/l	99
94) Hexachlorobutadiene	13.79	225	162975	49.67	ug/l	100
95) Naphthalene	13.84	128	904970	52.48	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	334710	50.92	ug/l	99

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



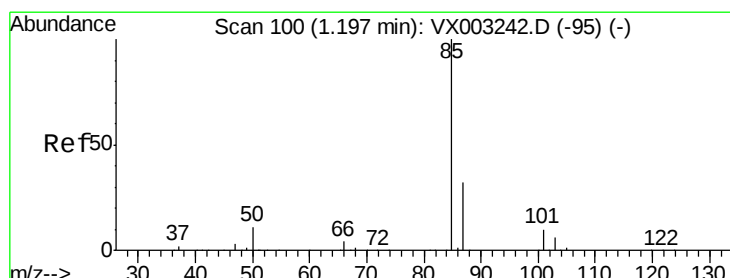
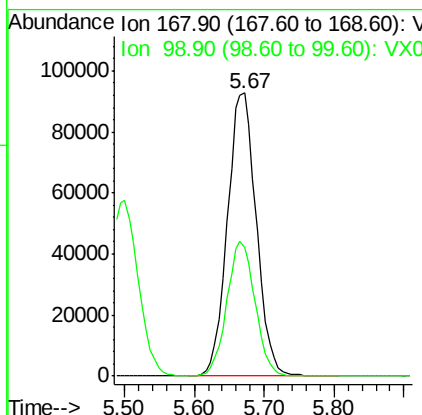
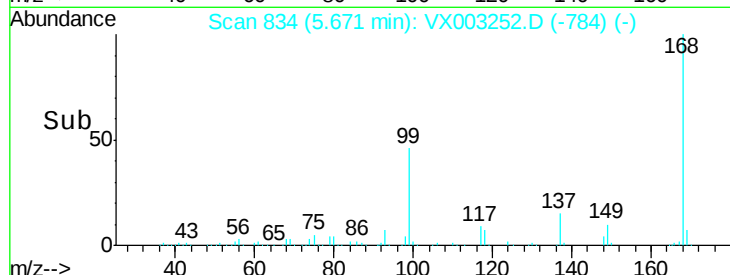
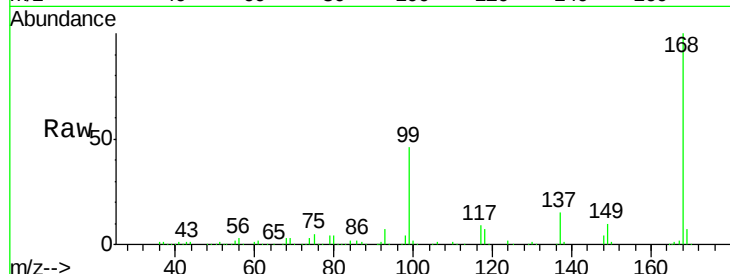
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.01 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
168	100	265632		
99	45.5	39.3	58.9	

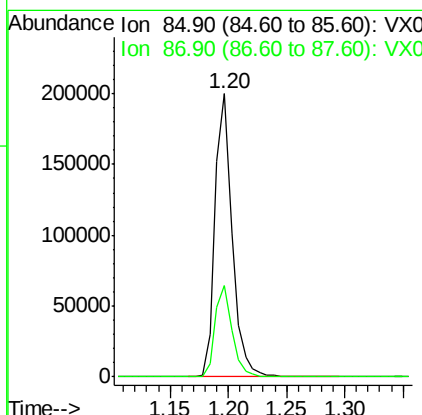
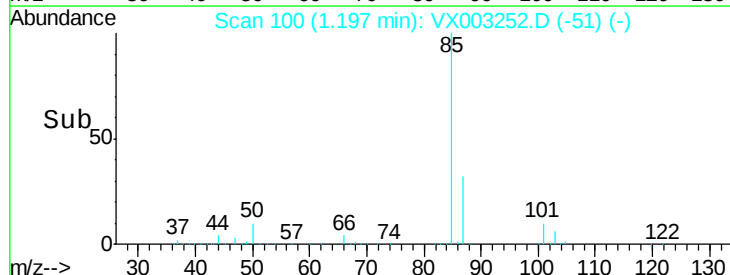
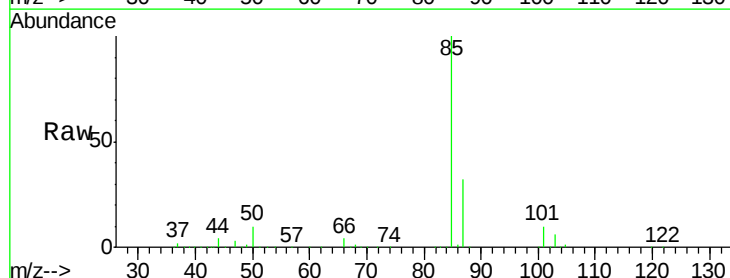
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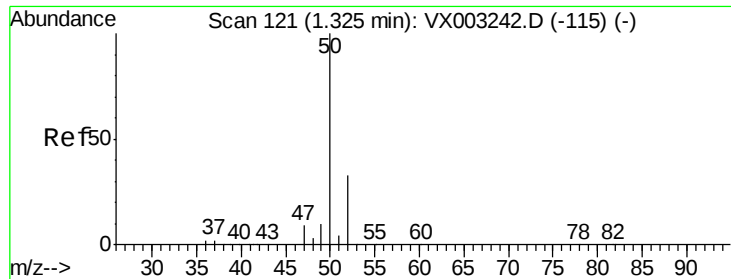
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#2
Dichlorodifluoromethane
Concen: 49.79 ug/l
RT: 1.20 min Scan# 100
Delta R.T. -0.00 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	201083		
87	32.2	16.0	47.9	





#3

Chloromethane

Concen: 44.47 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003252.D

Acq: 09 Jul 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 163287

Ion Ratio Lower Upper

50 100

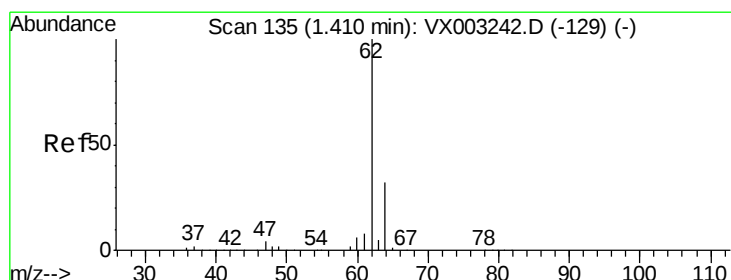
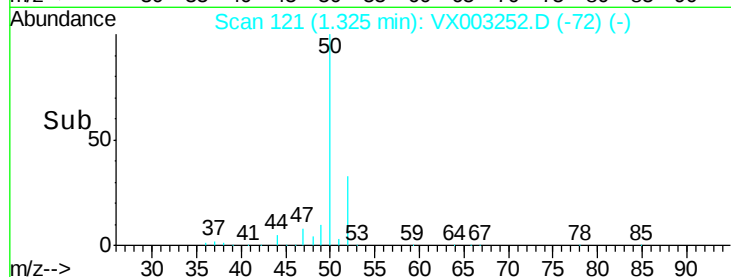
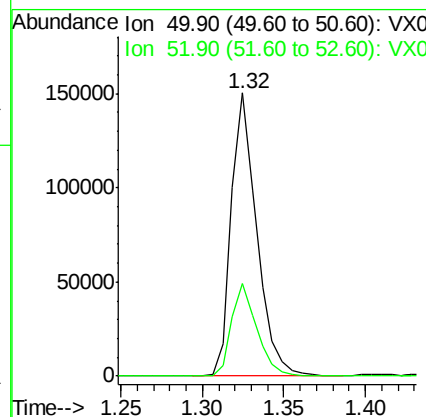
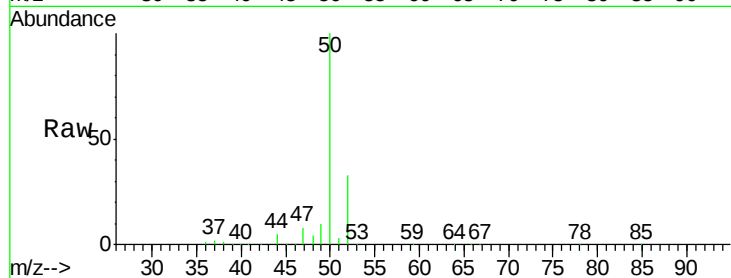
52 32.6 25.7 38.5

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#4

Vinyl Chloride

Concen: 47.53 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX003252.D

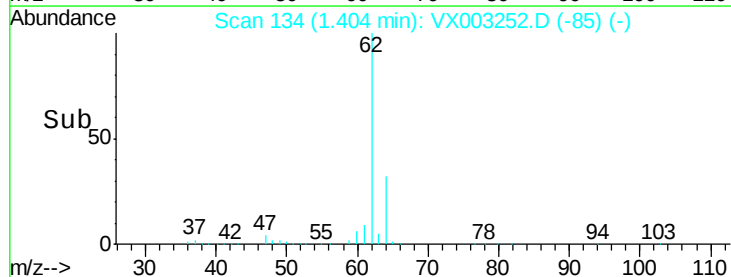
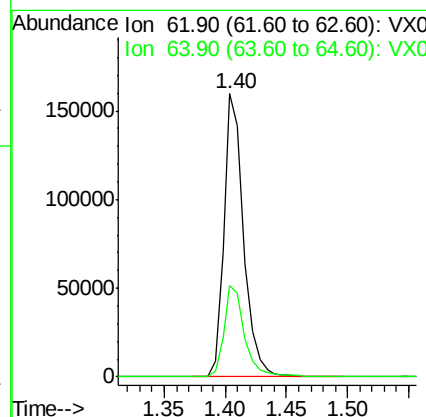
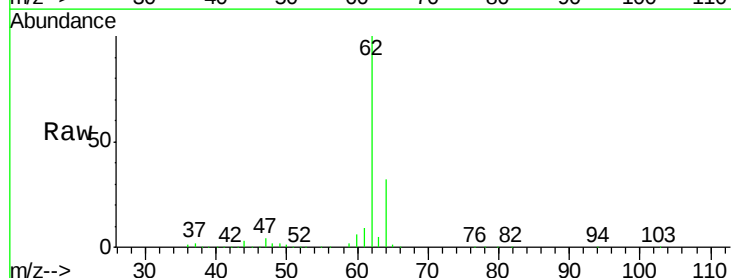
Acq: 09 Jul 2018 18:44

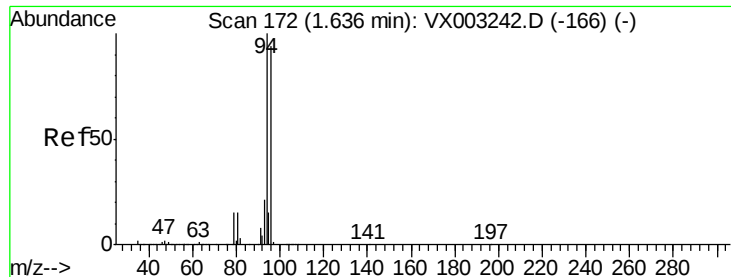
Tgt Ion: 62 Resp: 179124

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.2





#5

Bromomethane

Concen: 58.22 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003252.D

Acq: 09 Jul 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 65097

Ion Ratio Lower Upper

94 100

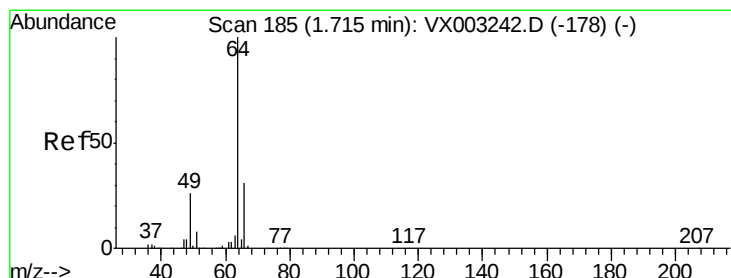
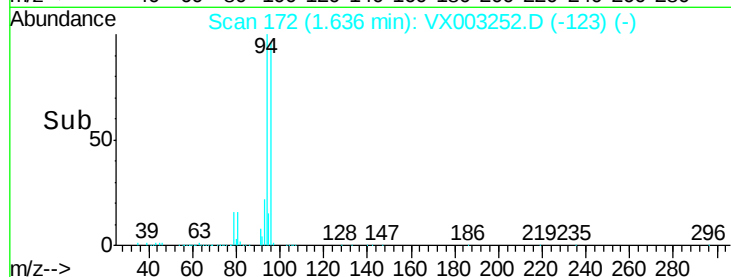
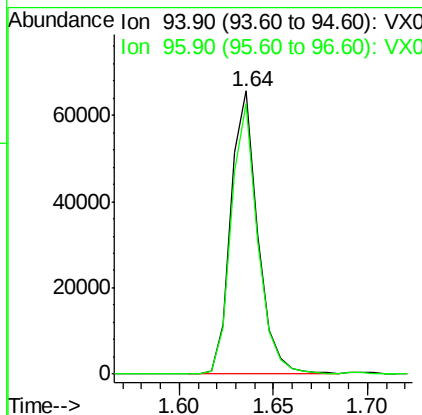
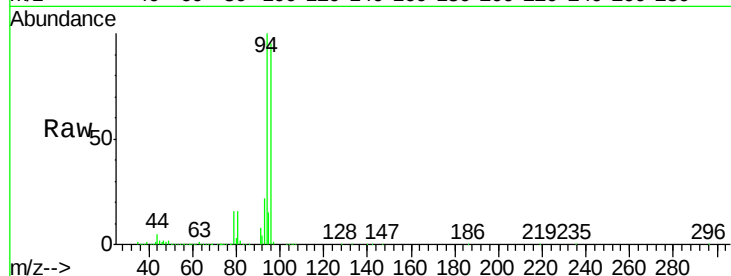
96 95.5 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 47.79 ug/l

RT: 1.71 min Scan# 185

Delta R.T. 0.01 min

Lab File: VX003252.D

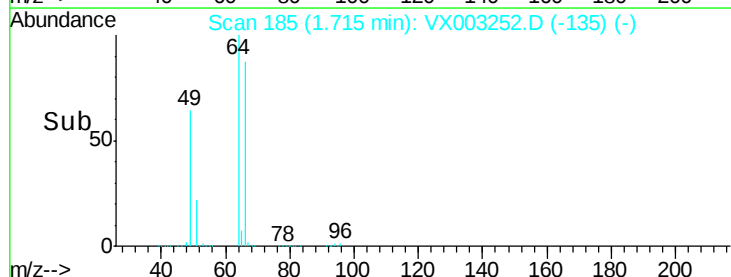
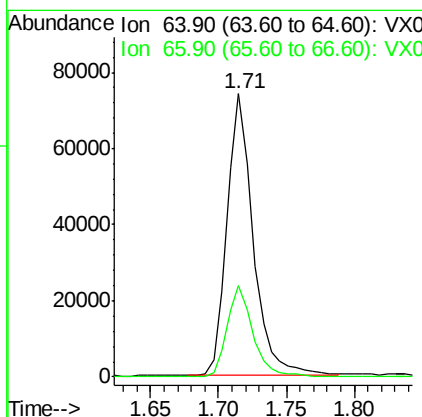
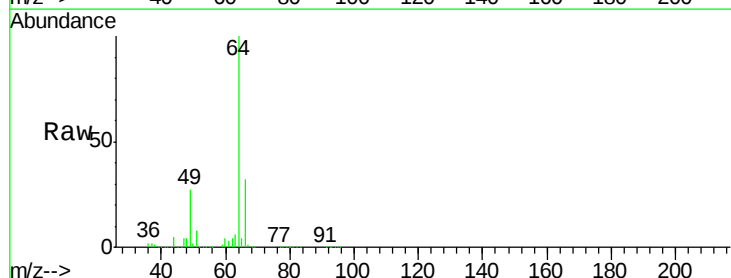
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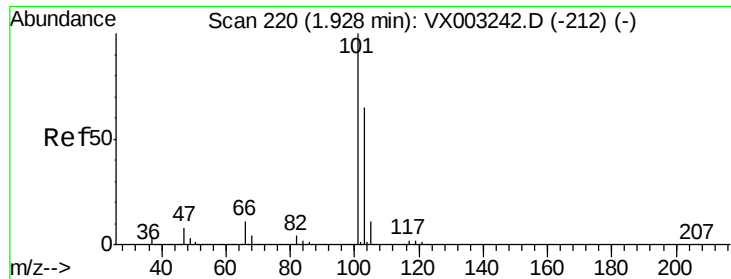
Tgt Ion: 64 Resp: 99776

Ion Ratio Lower Upper

64 100

66 32.2 25.5 38.3





#7

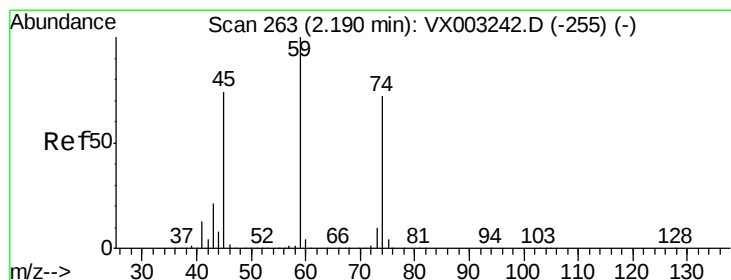
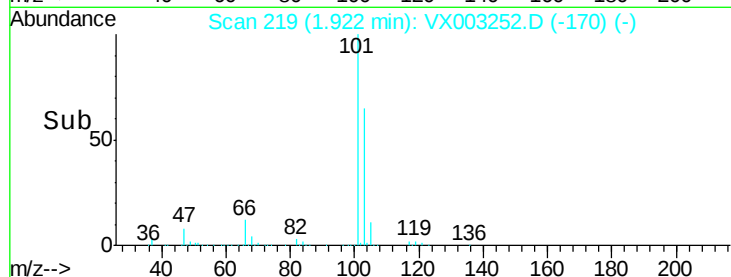
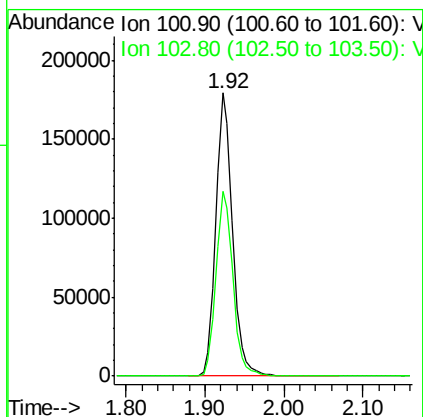
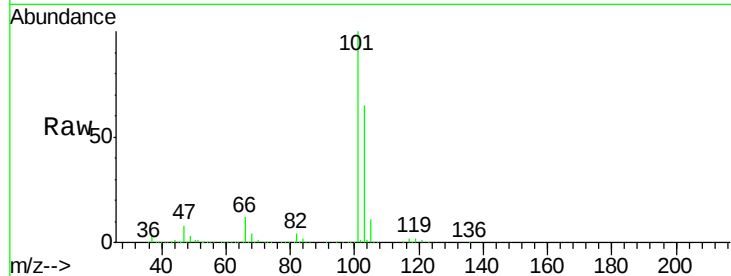
Trichlorofluoromethane
 Concen: 47.43 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX003252.D
 Acq: 09 Jul 2018 18:44

Instrument :
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 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	52.8	79.2

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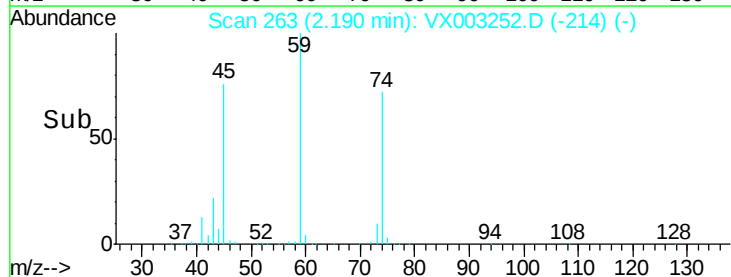
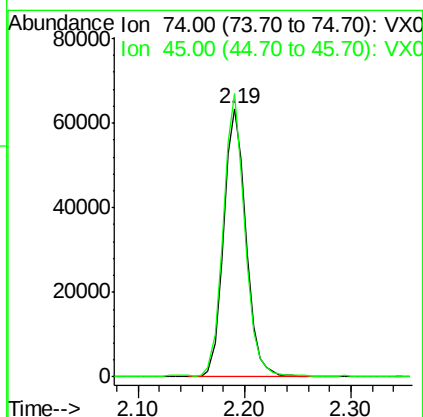
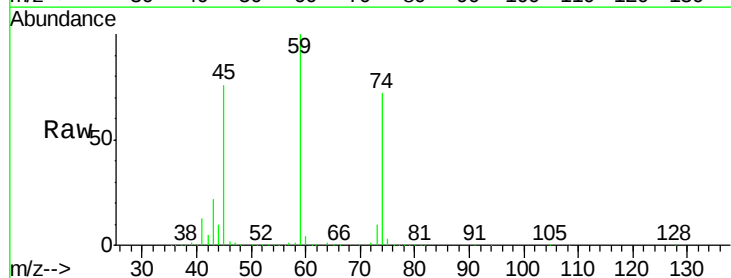
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 7/10/2018 3:11:49 PM

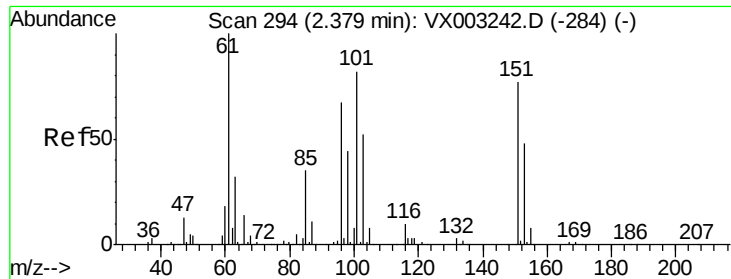


#8

Diethyl Ether
 Concen: 46.08 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX003252.D
 Acq: 09 Jul 2018 18:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.2	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.68 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX003252.D

Acq: 09 Jul 2018 18:44

Instrument :

MSVOA_X

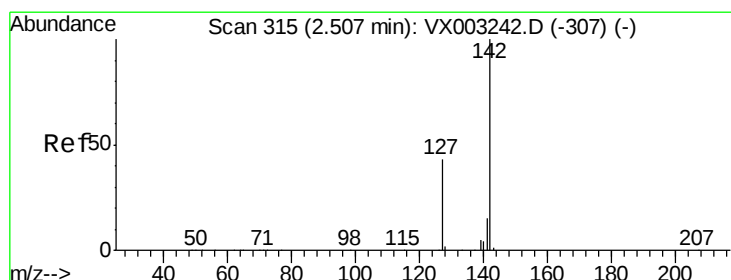
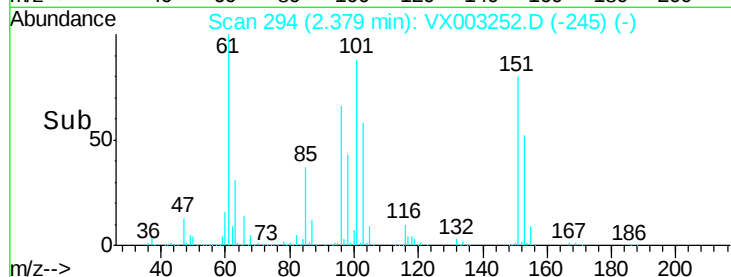
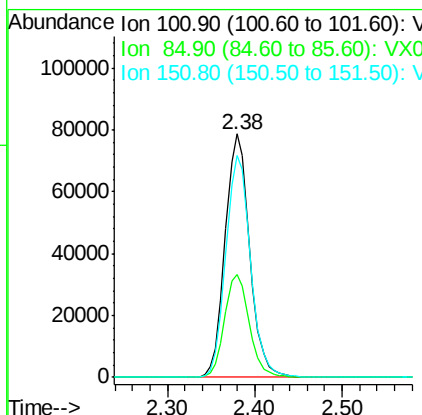
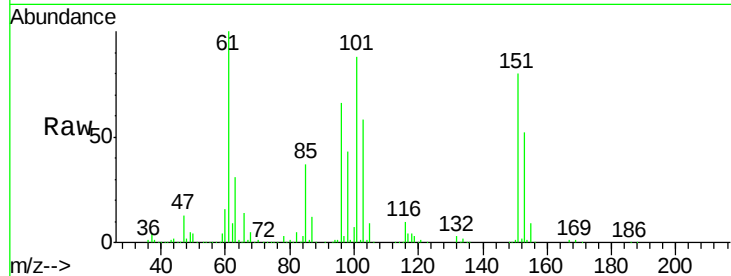
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	153114
Ion Ratio	Lower	Upper	
101	100		
85	42.5	36.0	54.0
151	91.9	70.9	106.3

Manual Integrations
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7/10/2018 3:11:49 PM



#10

Methyl Iodide

Concen: 42.02 ug/l

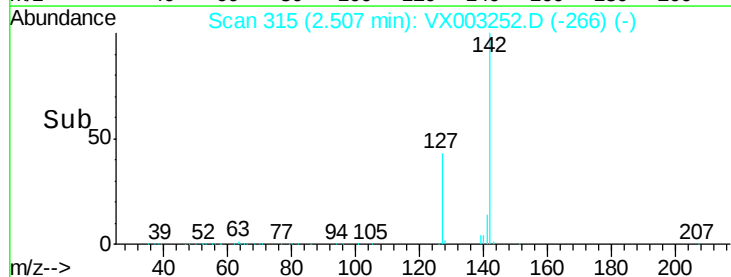
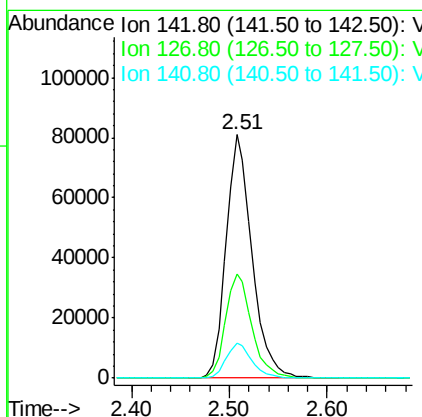
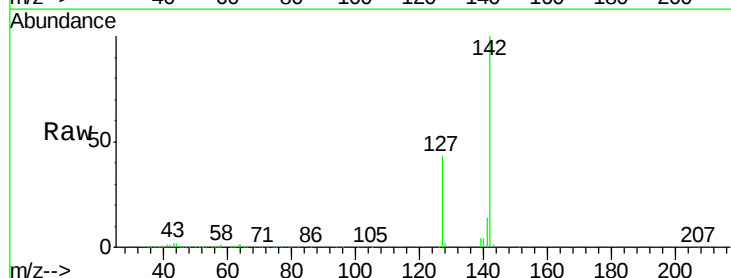
RT: 2.51 min Scan# 315

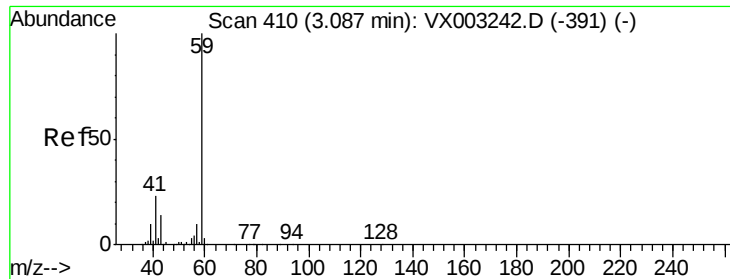
Delta R.T. 0.00 min

Lab File: VX003252.D

Acq: 09 Jul 2018 18:44

Tgt Ion:	142	Resp:	148486
Ion Ratio	Lower	Upper	
142	100		
127	43.5	36.6	55.0
141	14.4	11.3	16.9





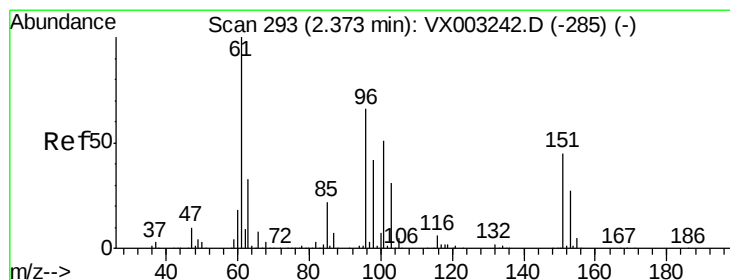
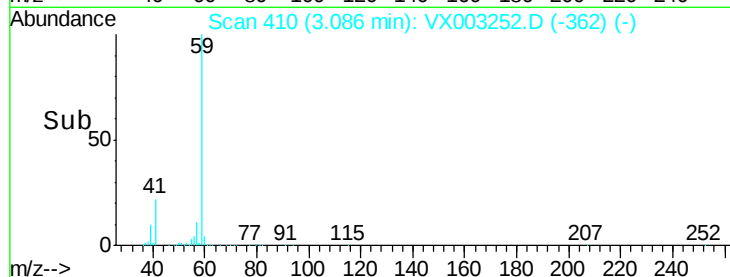
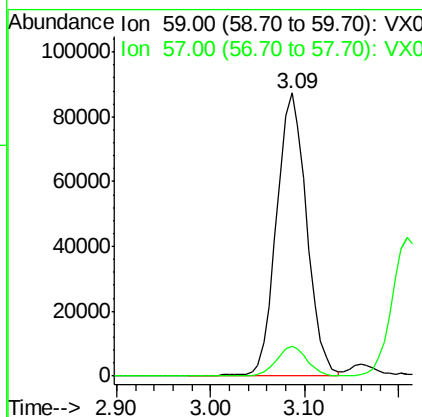
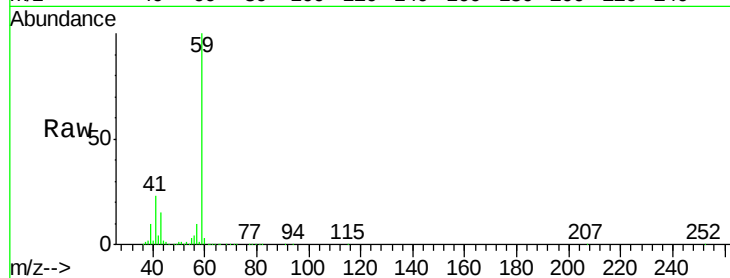
#11
Tert butyl alcohol
Concen: 256.49 ug/l
RT: 3.09 min Scan# 410
Delta R.T. -0.01 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	194390
Ion Ratio	100	Lower	Upper
57	10.6	8.2	12.2

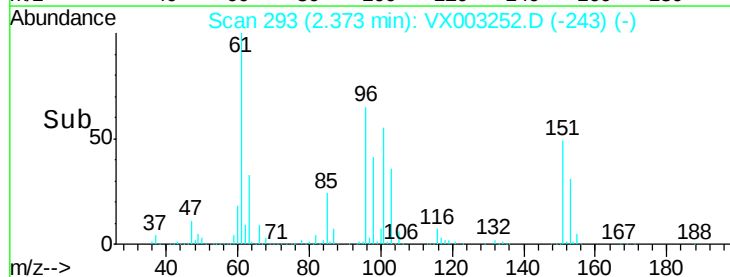
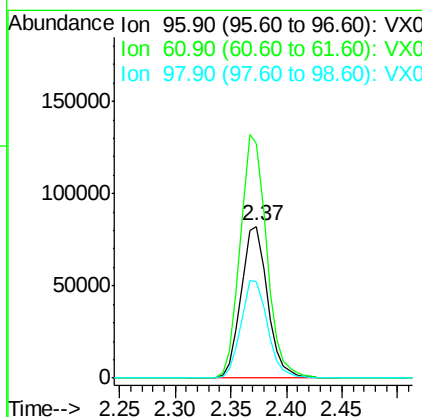
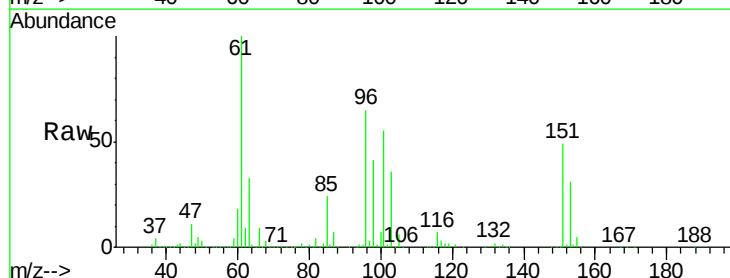
Manual Integrations
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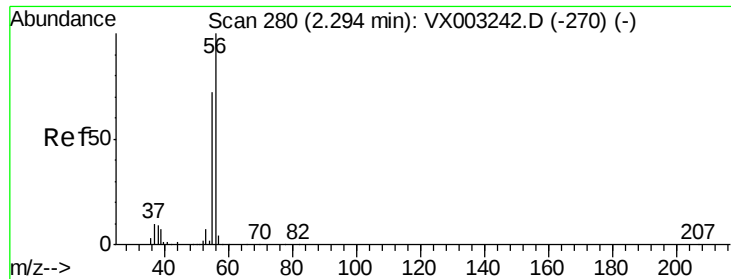
MMDadoda
7/10/2018 3:11:49 PM



#12
1,1-Dichloroethene
Concen: 45.78 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Tgt Ion	96	Resp	136651
Ion Ratio	100	Lower	Upper
61	154.6	137.9	206.9
98	63.4	51.6	77.4





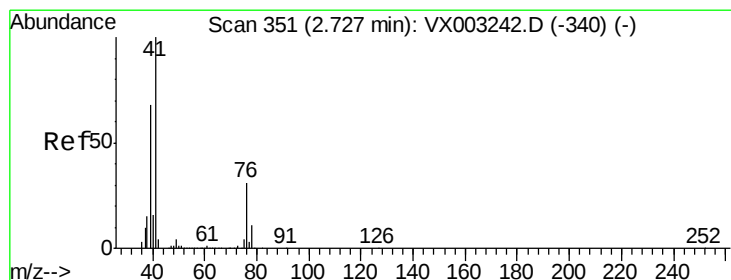
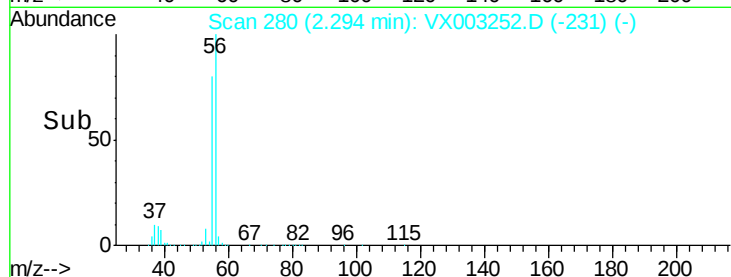
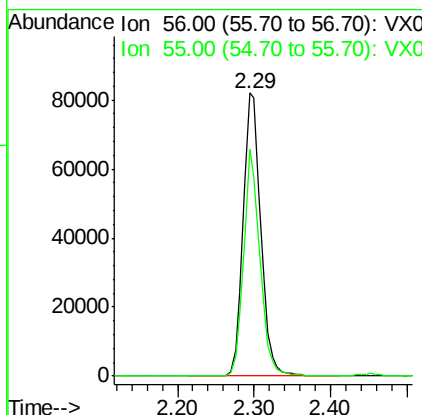
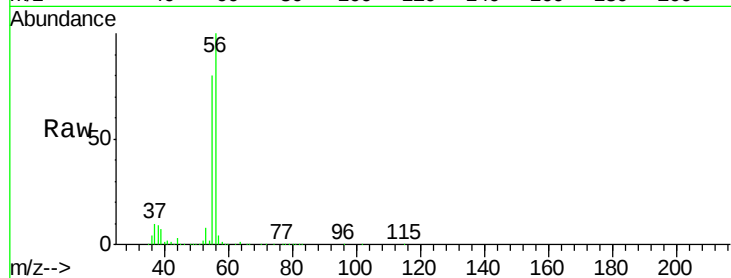
#13
Acrolein
Concen: 215.57 ug/l
RT: 2.29 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	131658
Ion Ratio	Lower	Upper	
56	100		
55	72.9	57.0	85.4

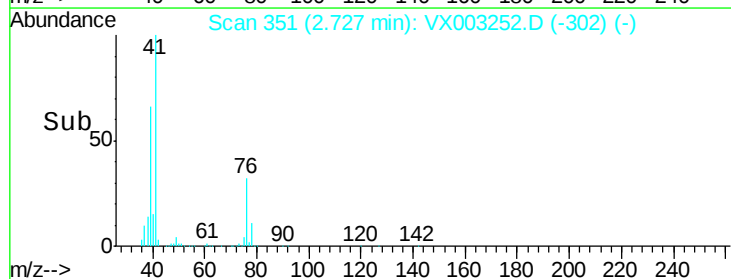
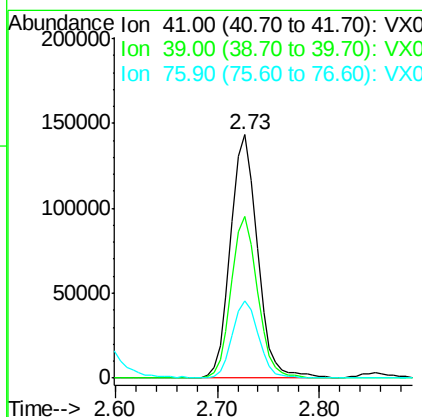
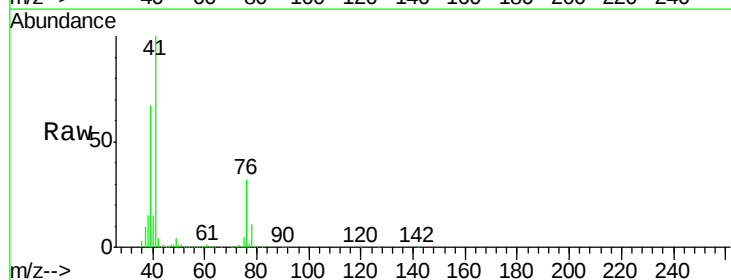
Manual Integrations
APPROVED

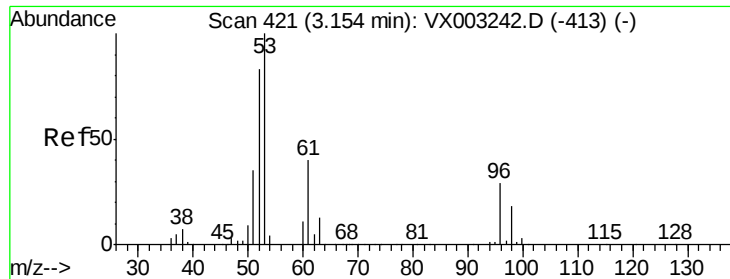
MMDadoda
7/10/2018 3:11:49 PM



#14
Allyl chloride
Concen: 47.39 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Tgt Ion	41	Resp	262012
Ion Ratio	Lower	Upper	
41	100		
39	65.0	56.8	85.2
76	30.9	23.8	35.8





#15

Acrylonitrile

Concen: 242.31 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX003252.D

Acq: 09 Jul 2018 18:44

Instrument :

MSVOA_X

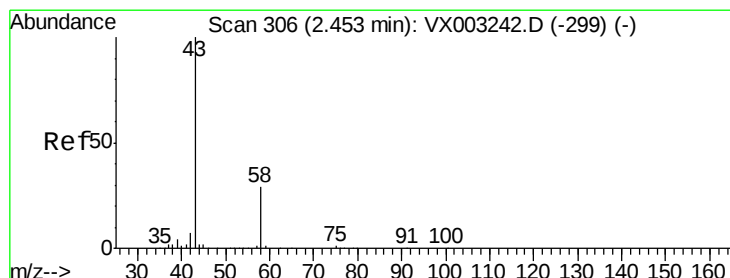
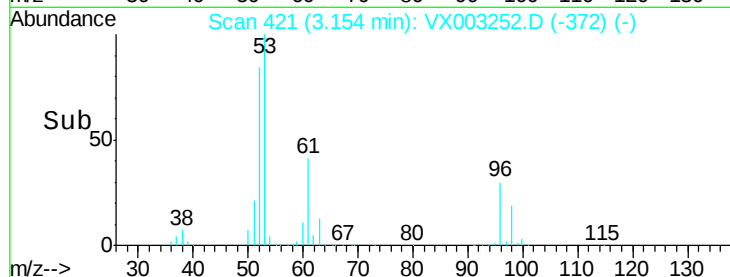
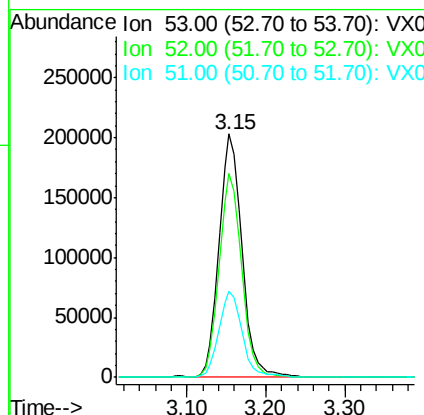
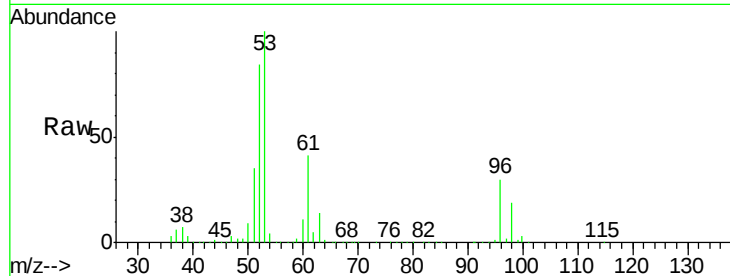
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	410066
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.7	100.1
51	35.8	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 251.95 ug/l

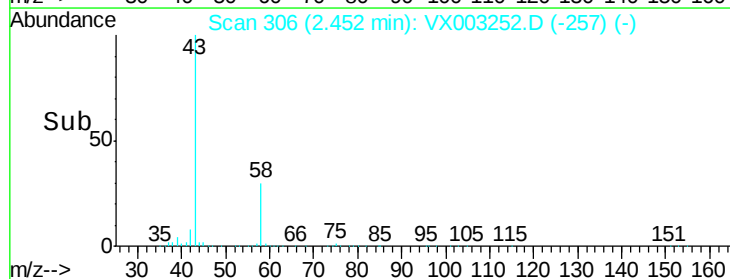
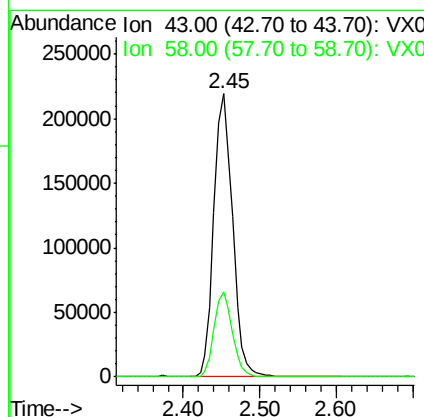
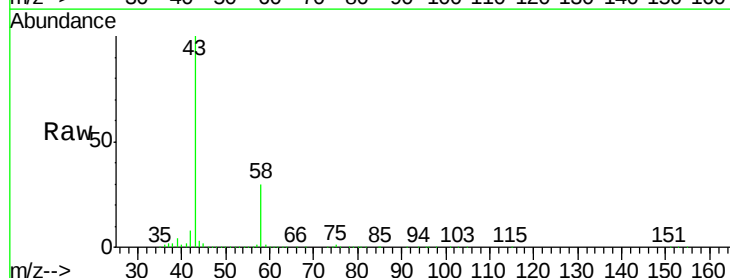
RT: 2.45 min Scan# 306

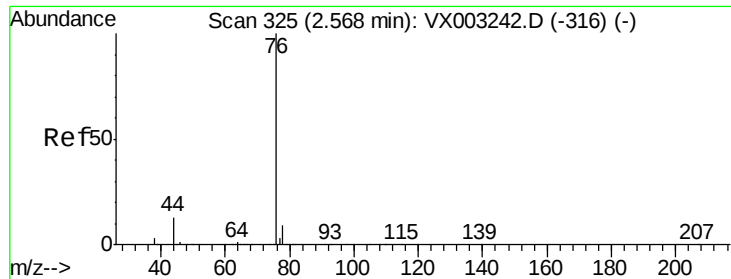
Delta R.T. -0.00 min

Lab File: VX003252.D

Acq: 09 Jul 2018 18:44

Tgt Ion:	43	Resp:	373934
Ion	Ratio	Lower	Upper
43	100		
58	30.2	22.1	33.1





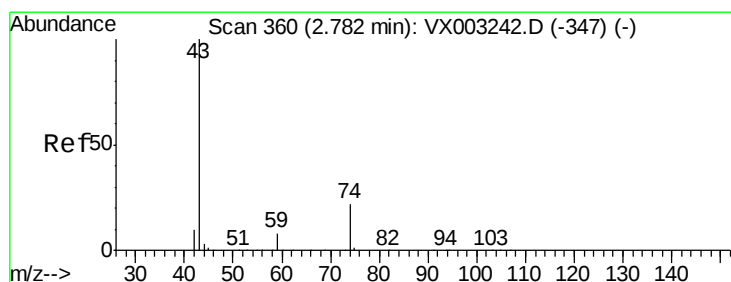
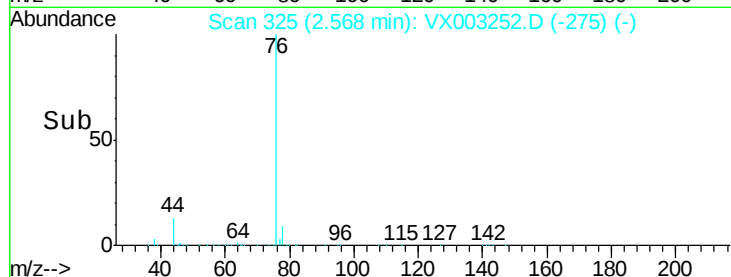
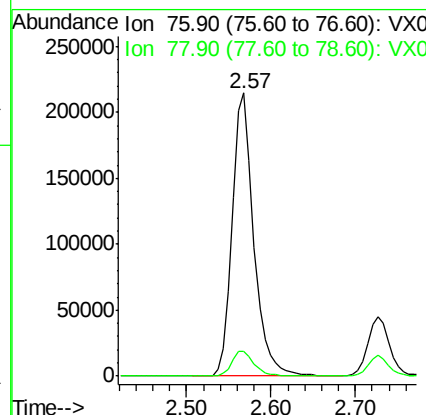
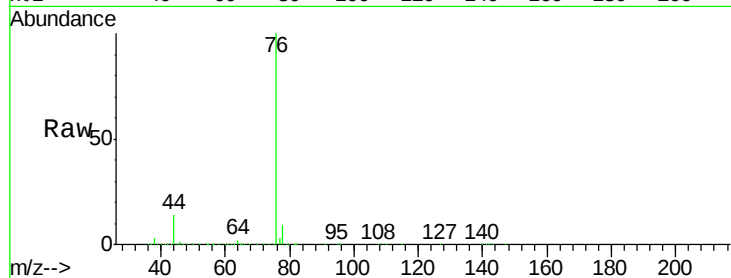
#17
Carbon Disulfide
Concen: 45.43 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	6.9	10.3

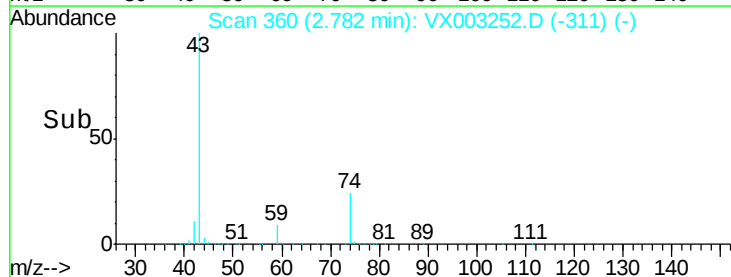
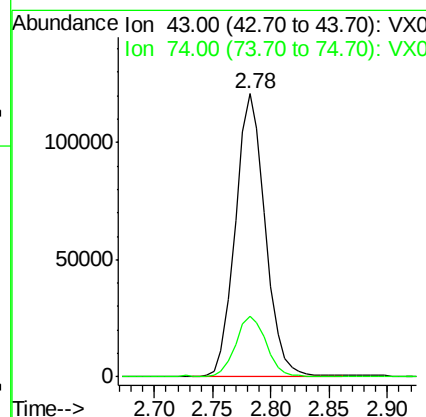
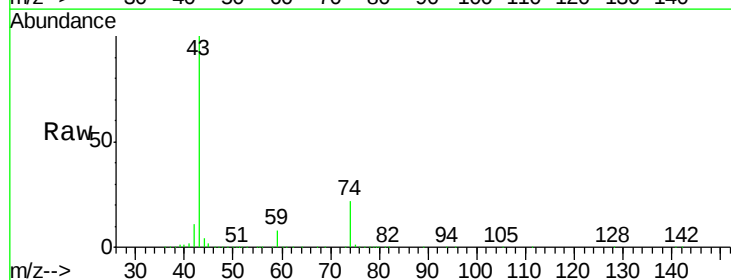
Manual Integrations
APPROVED

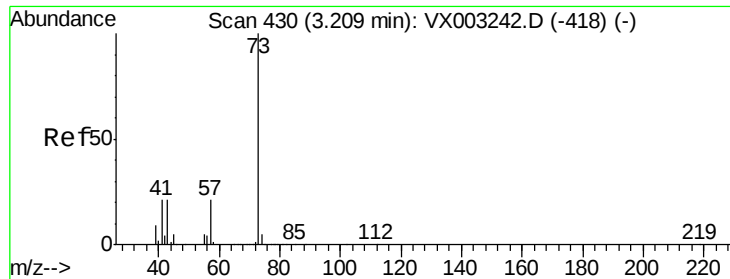
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#18
Methyl Acetate
Concen: 51.45 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.1	16.7	25.1





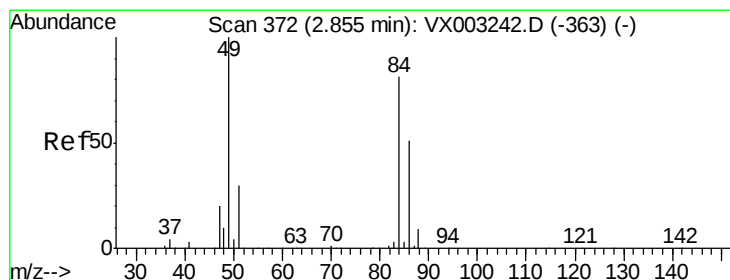
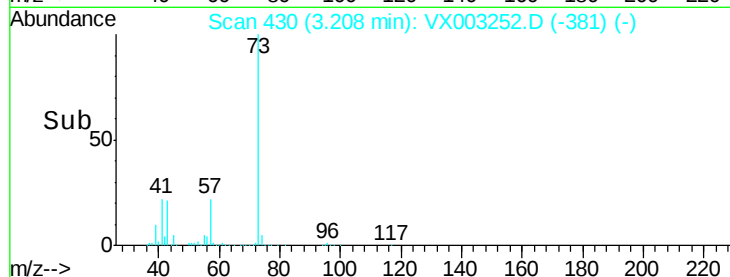
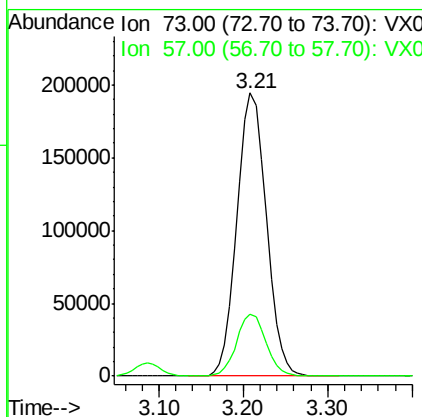
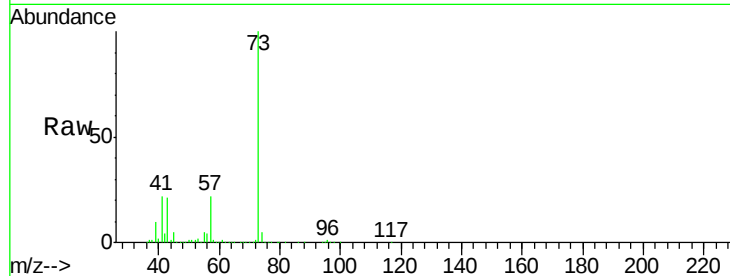
#19
Methvl tert-butvl Ether
Concen: 46.14 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 460060
Ion Ratio Lower Upper
73 100
57 21.9 17.7 26.5

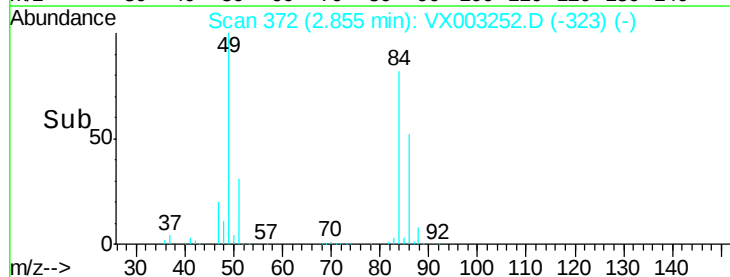
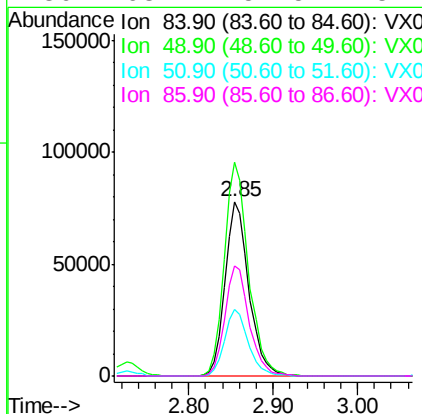
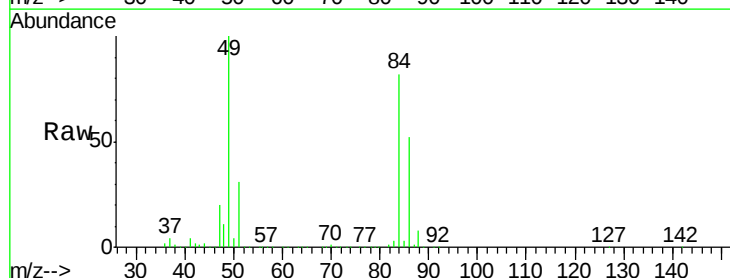
Manual Integrations
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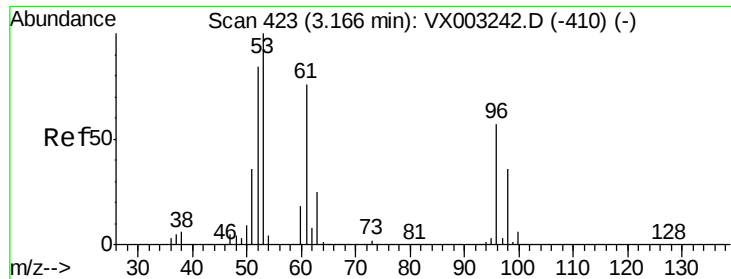
MMDadoda
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#20
Methylene Chloride
Concen: 49.59 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Tgt Ion: 84 Resp: 150845
Ion Ratio Lower Upper
84 100
49 122.3 107.8 161.6
51 37.8 32.8 49.2
86 63.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 45.86 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX003252.D

Acq: 09 Jul 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 145939

Ion Ratio Lower Upper

96 100

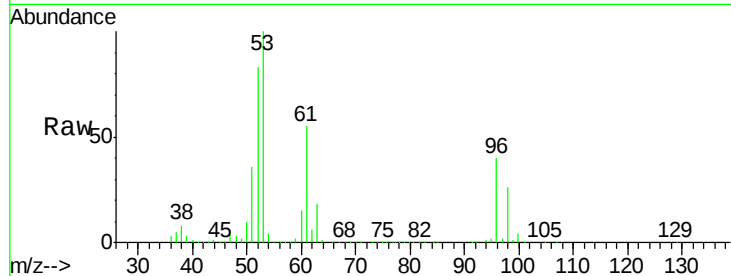
61 138.7 117.0 175.4

98 64.1 52.4 78.6

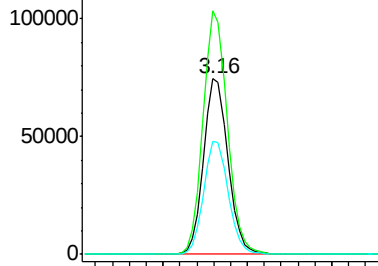
Manual Integrations
APPROVED

MMDadoda

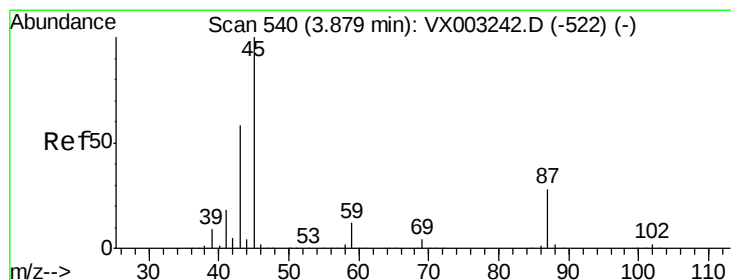
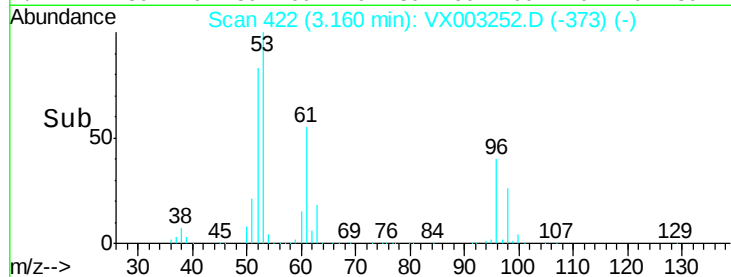
7/10/2018 3:11:49 PM



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



Time-->



#22

Diisopropyl ether

Concen: 42.19 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX003252.D

Acq: 09 Jul 2018 18:44

Tgt Ion: 45 Resp: 474573

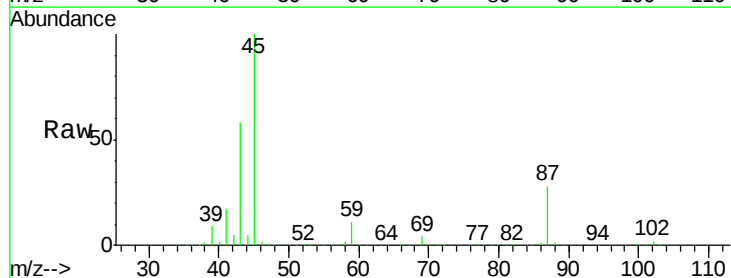
Ion Ratio Lower Upper

45 100

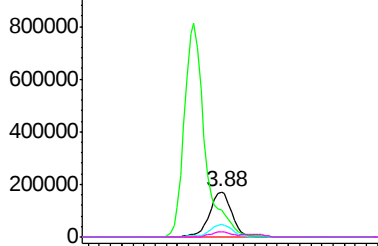
43 58.4 46.8 70.2

87 27.7 20.2 30.4

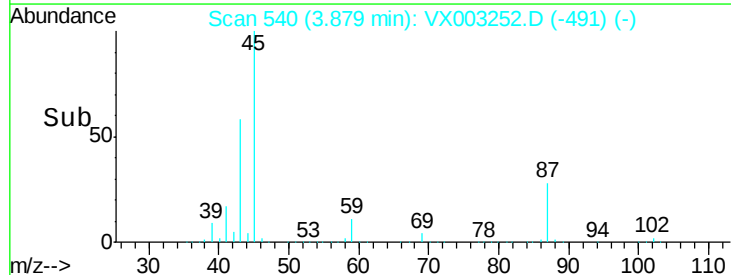
59 11.5 8.7 13.1

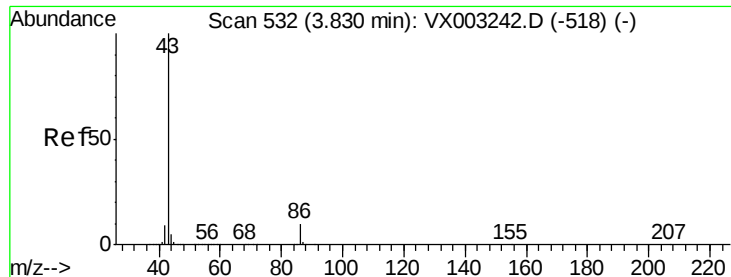


Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0



Time-->





#23

Vinyl Acetate

Concen: 219.01 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX003252.D

Acq: 09 Jul 2018 18:44

Tot Ion: 43 Resp: 2091637

Ion Ratio Lower Upper

43 100

86 10.4 7.4 11.0

Instrument :

MSVOA_X

ClientSampleId :

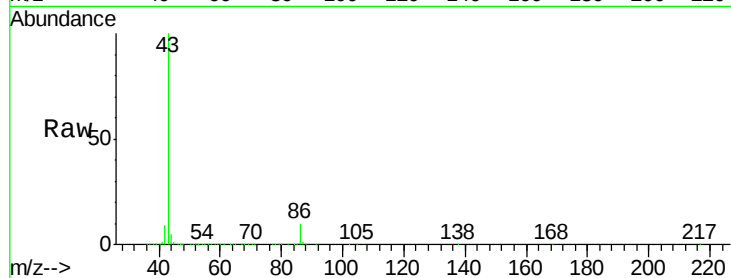
VSTDCCC050

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

800000

600000

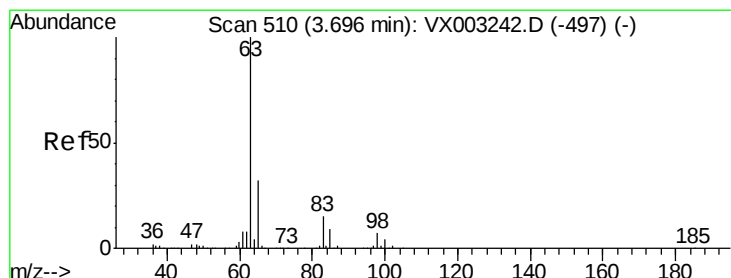
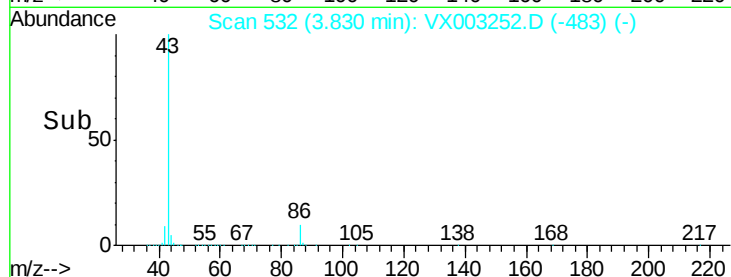
400000

200000

0

3.83

Time-->



#24

1,1-Dichloroethane

Concen: 46.12 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX003252.D

Acq: 09 Jul 2018 18:44

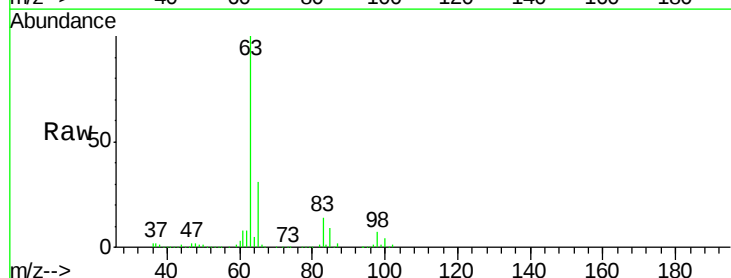
Tgt Ion: 63 Resp: 270025

Ion Ratio Lower Upper

63 100

98 6.7 3.4 10.2

100 4.2 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

150000

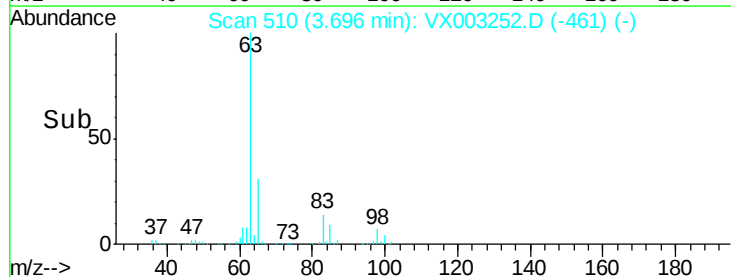
100000

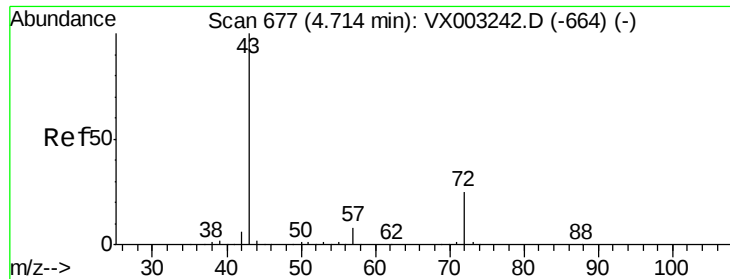
50000

0

3.70

Time-->





#25

2-Butanone

Concen: 245.36 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX003252.D

Acq: 09 Jul 2018 18:44

Tot Ion: 43 Resp: 644368

Ion Ratio Lower Upper

43 100

72 26.1 18.5 27.7

Instrument :

MSVOA_X

ClientSampleId :

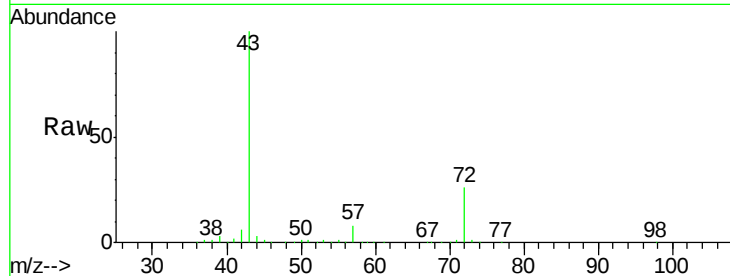
VSTDCCC050

Manual Integrations

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7/10/2018 3:11:49 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

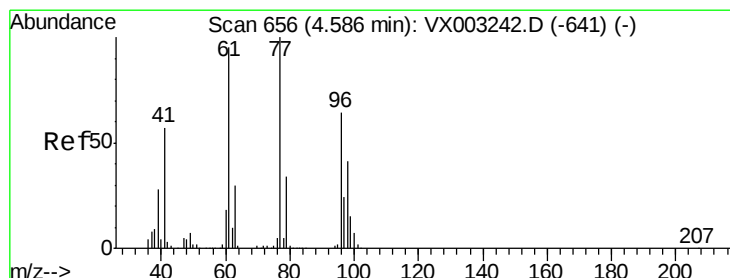
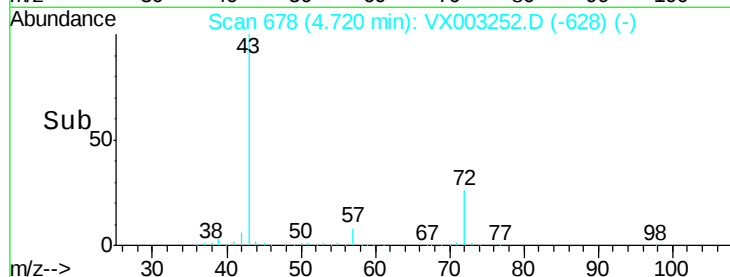
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 44.91 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX003252.D

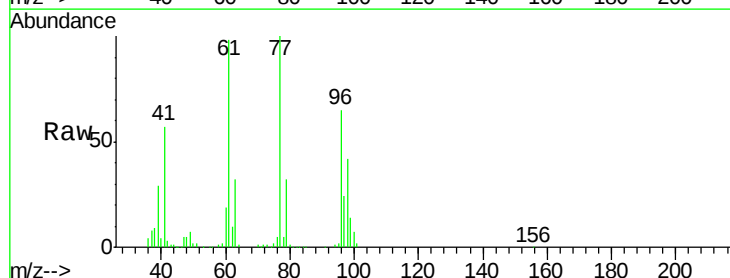
Acq: 09 Jul 2018 18:44

Tgt Ion: 77 Resp: 229968

Ion Ratio Lower Upper

77 100

97 24.5 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

80000

60000

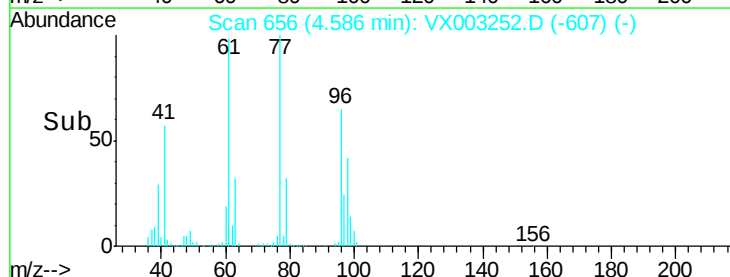
40000

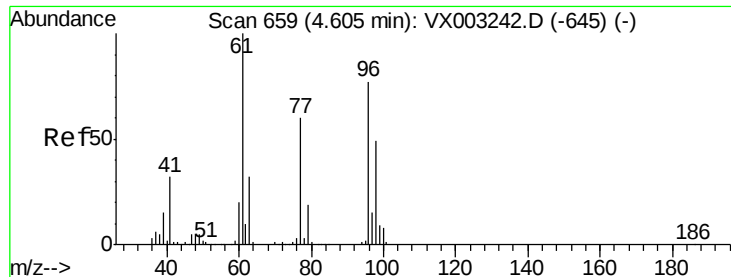
20000

0

4.40 4.50 4.60 4.70

Time-->





#27

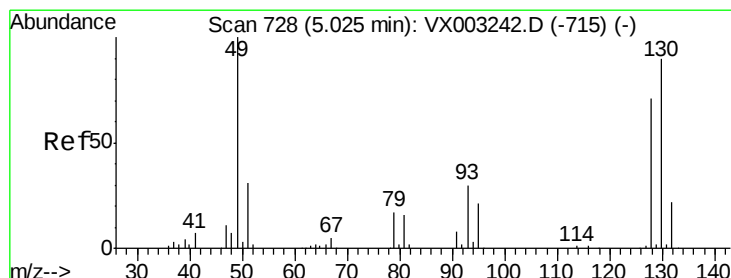
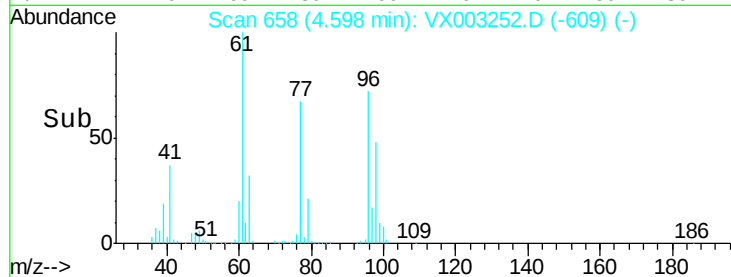
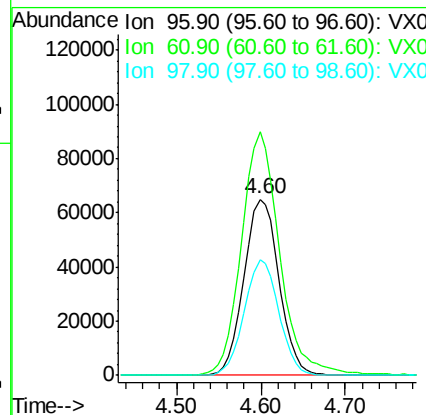
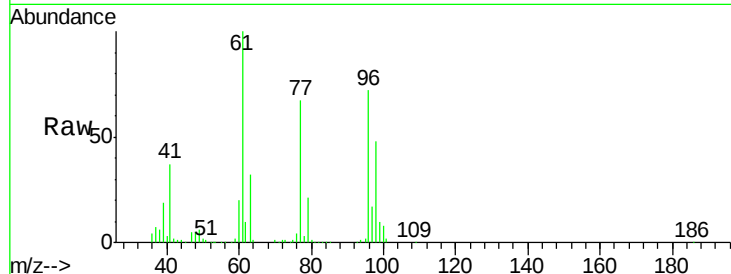
cis-1,2-Dichloroethene
Concen: 46.77 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	182910		
61	152.1	0.0	330.2	
98	64.9	0.0	130.2	

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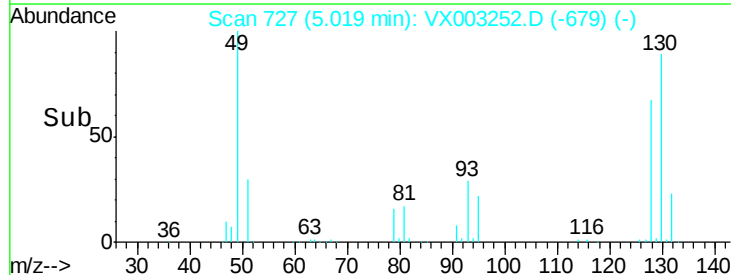
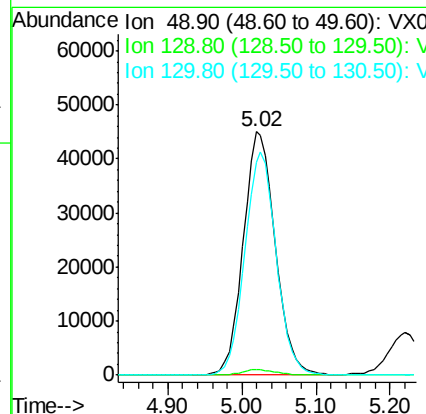
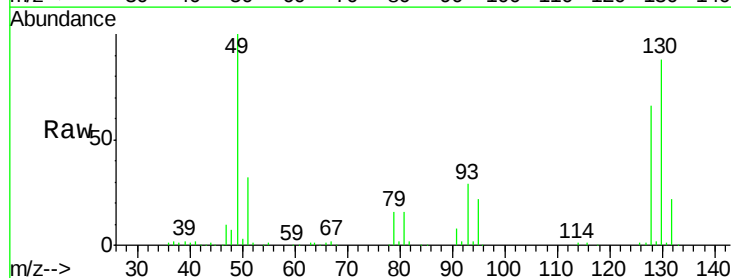
MMDadoda
7/10/2018 3:11:49 PM

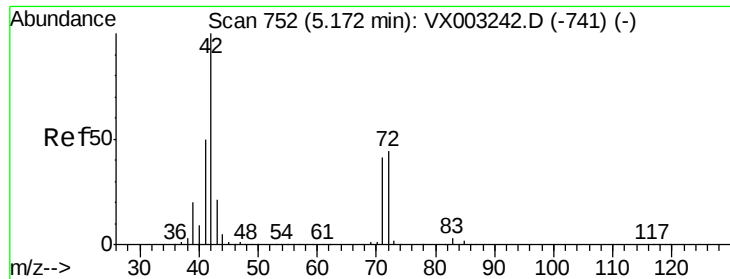


#28

Bromochloromethane
Concen: 46.02 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	135760		
129	2.3	0.0	4.2	
130	89.9	61.2	91.8	





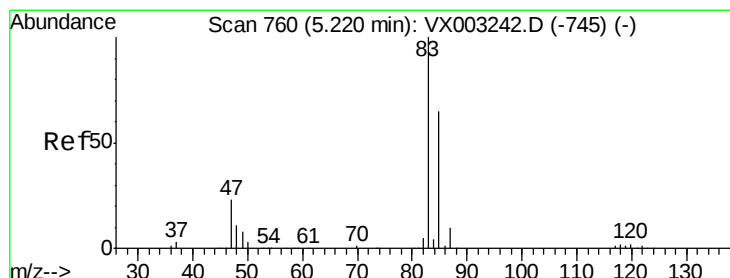
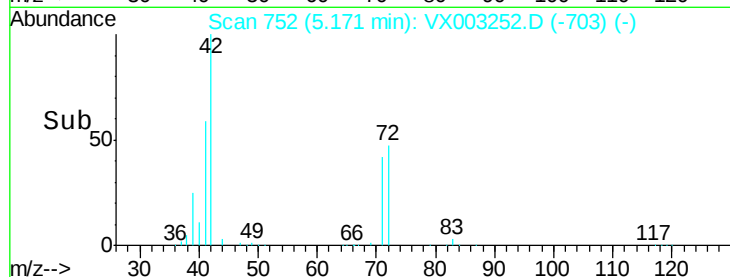
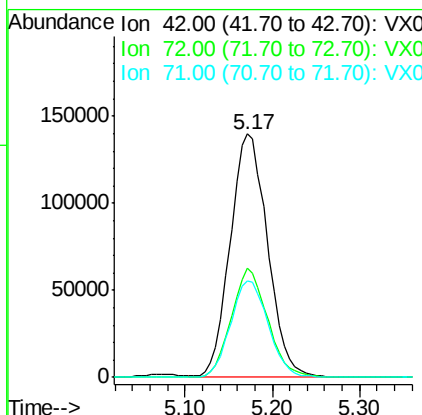
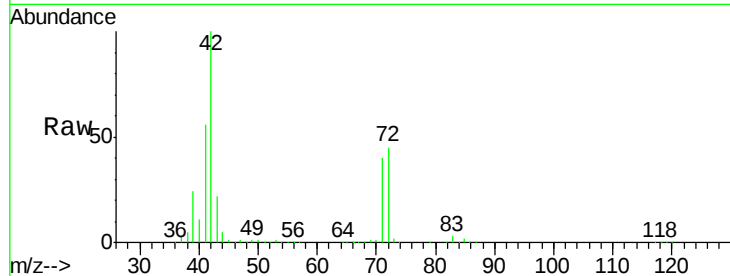
#29
Tetrahydrofuran
Concen: 241.83 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.7	32.0	48.0
71	40.3	30.1	45.1

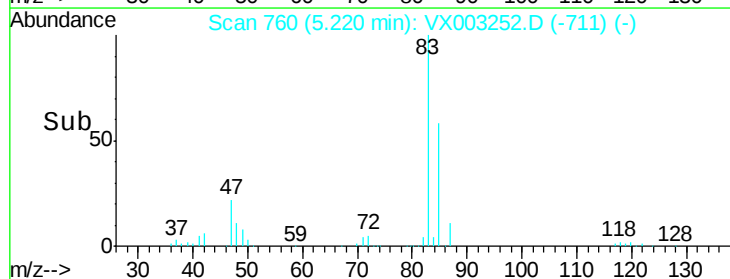
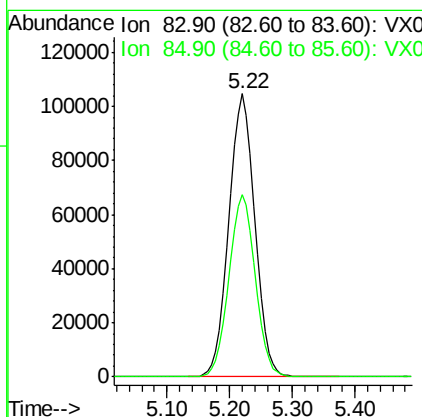
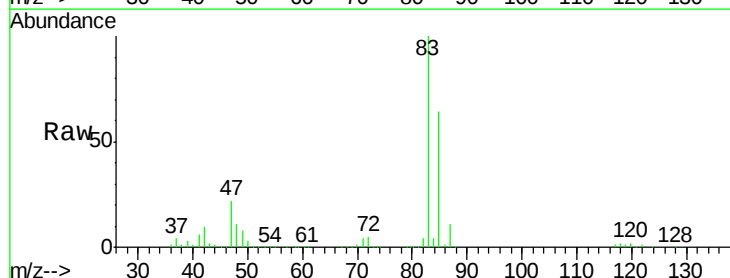
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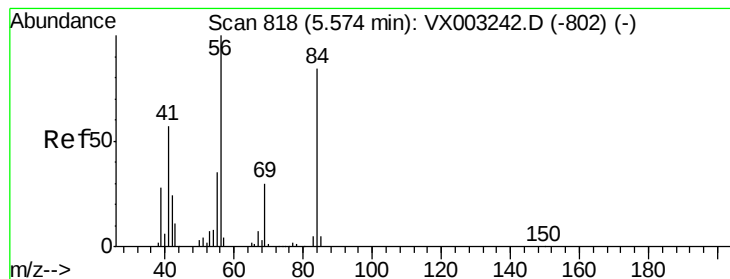
MMDadoda
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#30
Chloroform
Concen: 46.70 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.4	75.6





#31

Cyclohexane

Concen: 47.55 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX003252.D

Acq: 09 Jul 2018 18:44

Instrument :

MSVOA_X

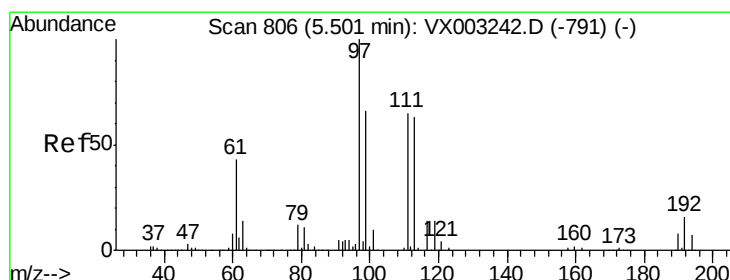
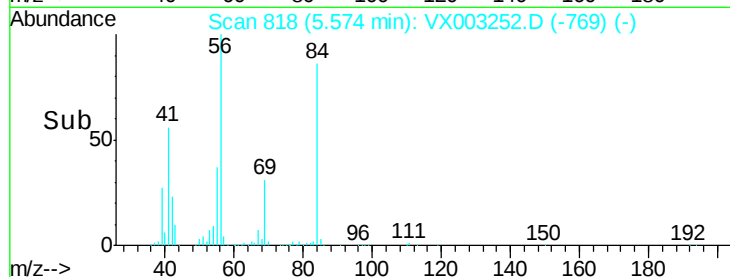
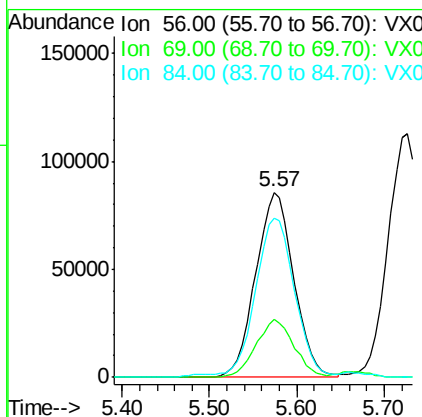
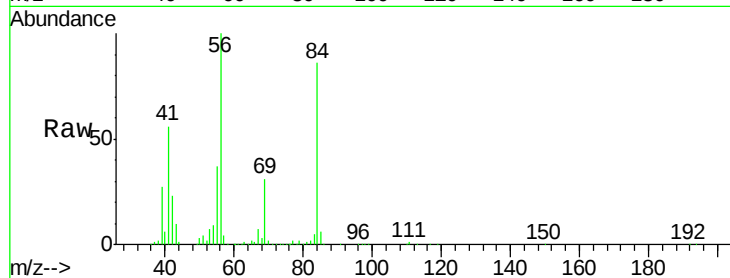
ClientSampleId :

VSTDCCC050

Tot Ion	56	Resp	260697
Ion	Ratio	Lower	Upper
56	100		
69	31.2	23.7	35.5
84	85.2	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 47.90 ug/l

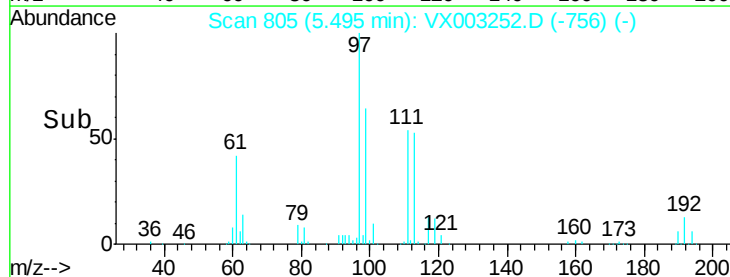
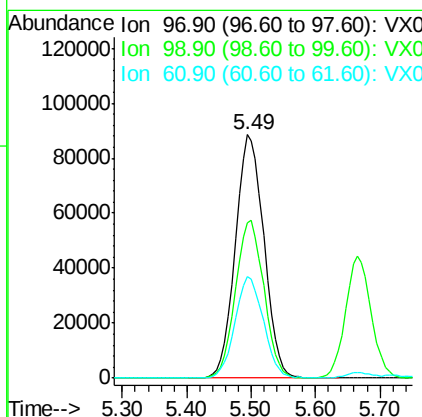
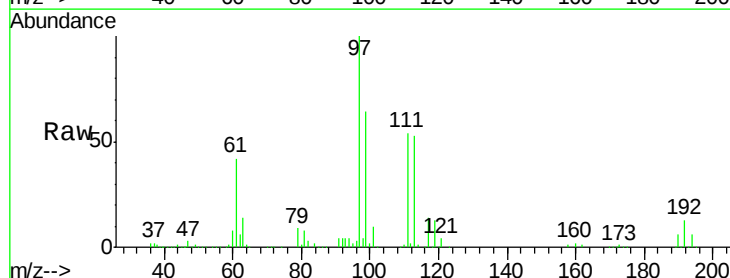
RT: 5.49 min Scan# 805

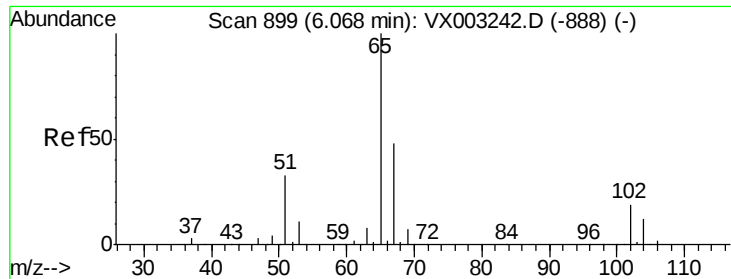
Delta R.T. -0.00 min

Lab File: VX003252.D

Acq: 09 Jul 2018 18:44

Tgt Ion	97	Resp	272145
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.6	77.4
61	41.6	36.4	54.6





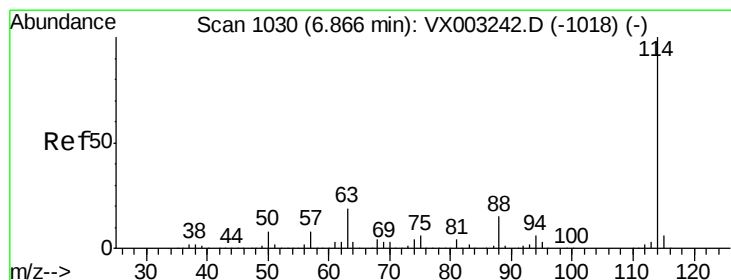
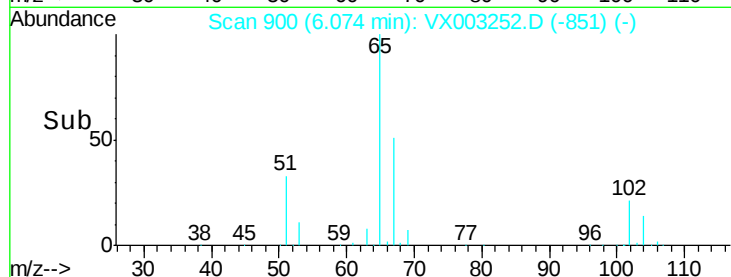
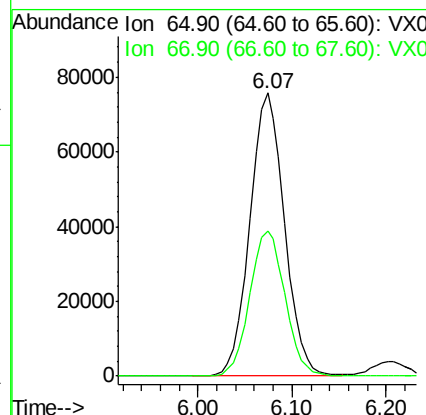
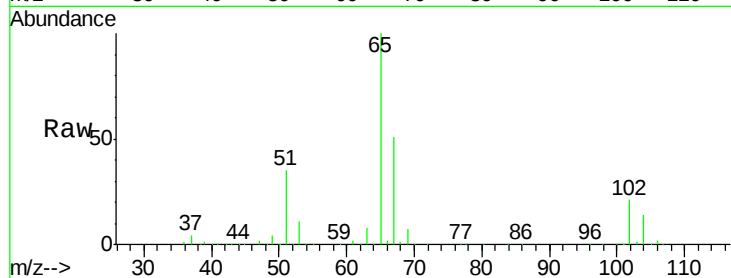
#33
 1,2-Dichloroethane-d4
 Concen: 46.70 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX003252.D
 Acq: 09 Jul 2018 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	102.6

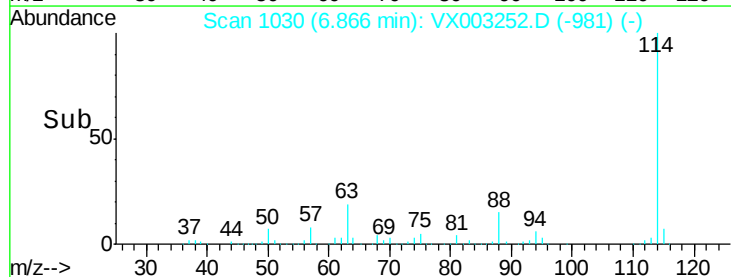
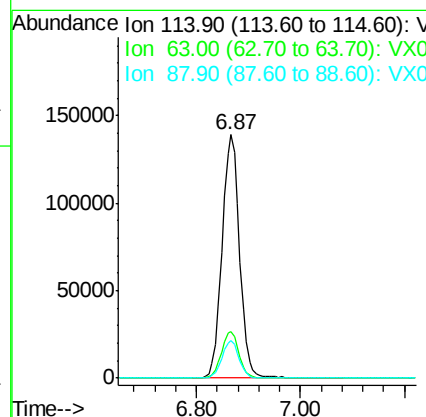
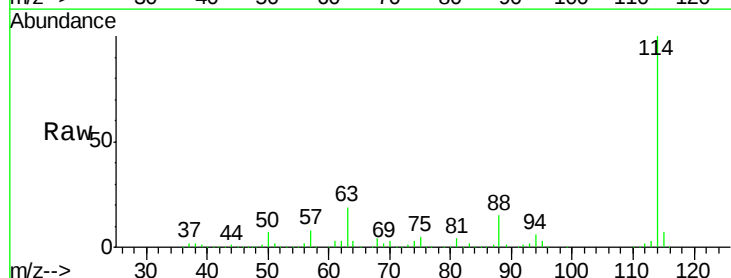
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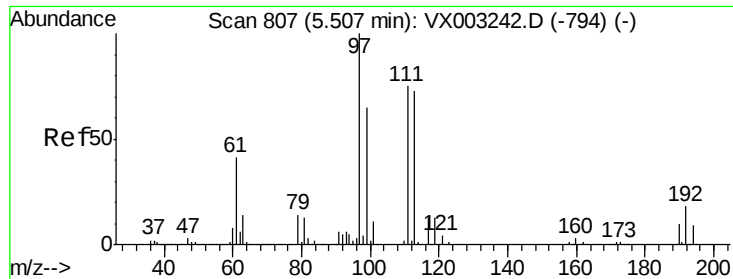
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003252.D
 Acq: 09 Jul 2018 18:44

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	41.4
88	15.3	0.0	30.0





#35

Dibromofluoromethane

Concen: 48.26 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003252.D

Acq: 09 Jul 2018 18:44

Instrument :

MSVOA_X

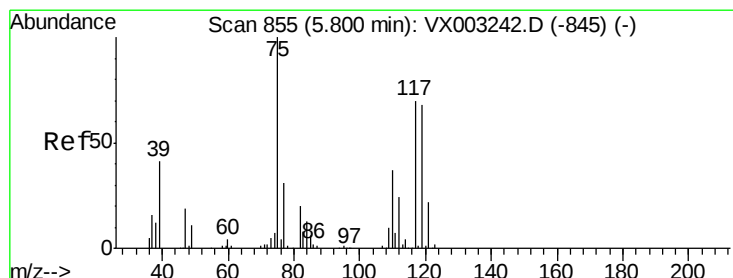
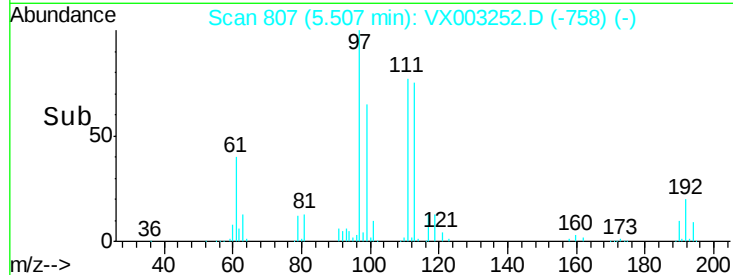
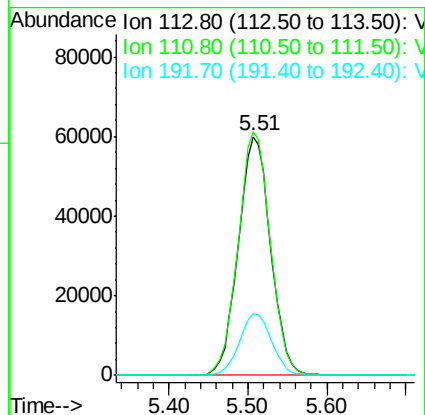
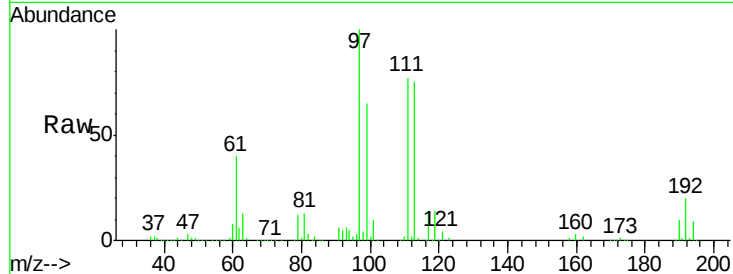
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	170464
Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.4	122.0
192	26.0	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 48.22 ug/l

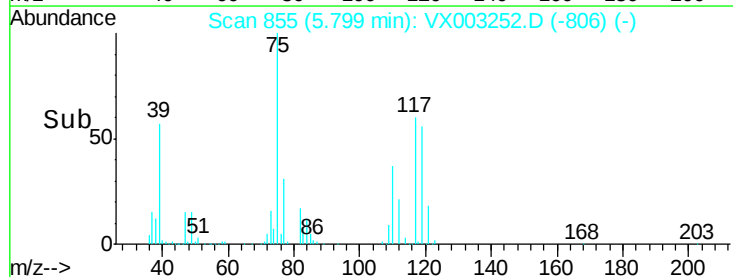
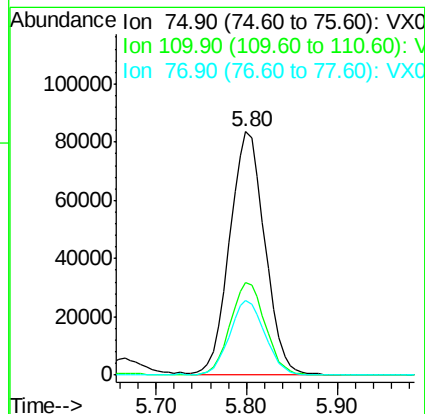
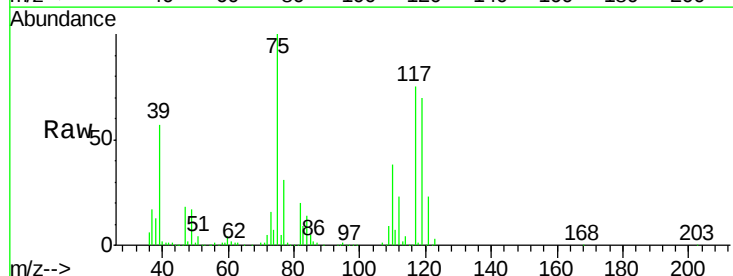
RT: 5.80 min Scan# 855

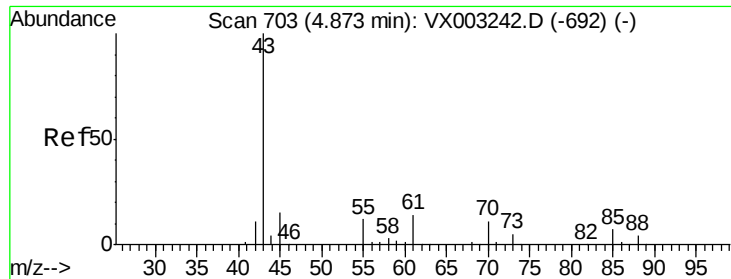
Delta R.T. -0.00 min

Lab File: VX003252.D

Acq: 09 Jul 2018 18:44

Tgt Ion:	75	Resp:	224433
Ion	Ratio	Lower	Upper
75	100		
110	38.3	18.1	54.4
77	30.6	24.3	36.5





#37

Ethyl Acetate

Concen: 47.44 ug/l

RT: 4.87 min Scan# 703

Delta R.T. -0.00 min

Lab File: VX003252.D

Acq: 09 Jul 2018 18:44

Instrument :

MSVOA_X

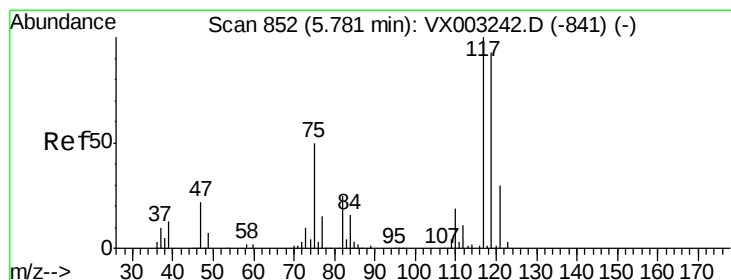
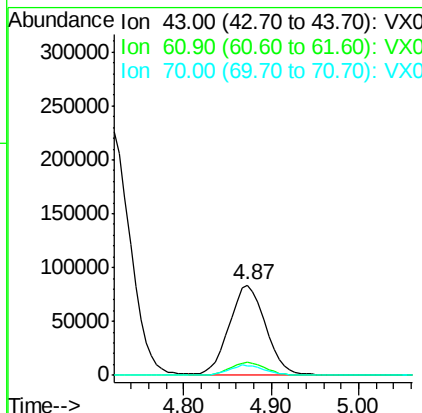
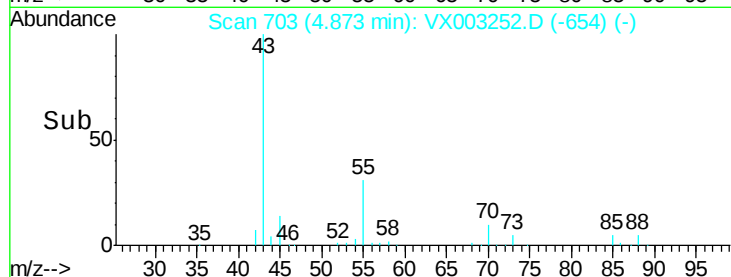
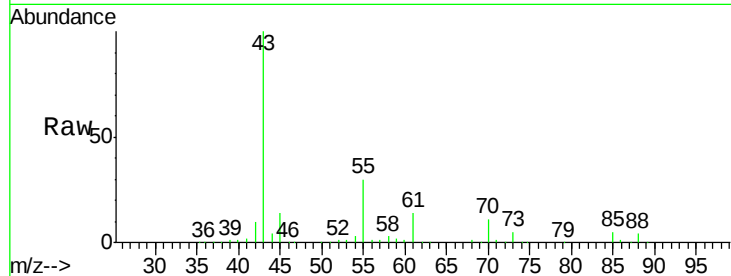
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	242058
Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.4	15.6
70	10.9	7.6	11.4

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#38

Carbon Tetrachloride

Concen: 48.99 ug/l

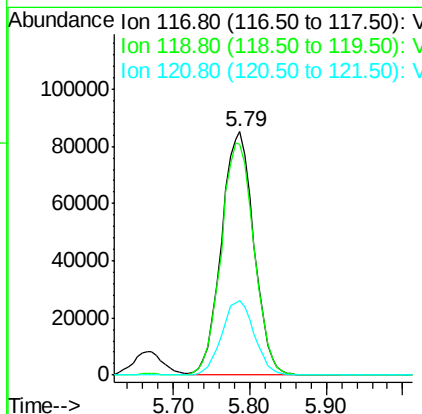
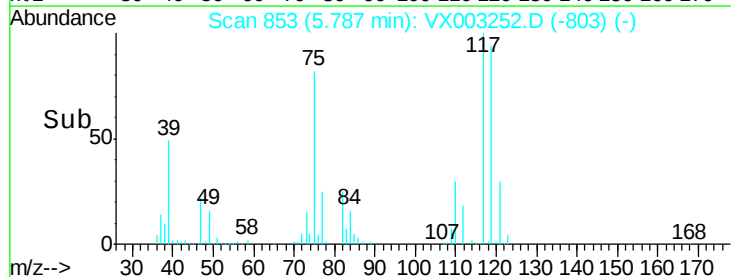
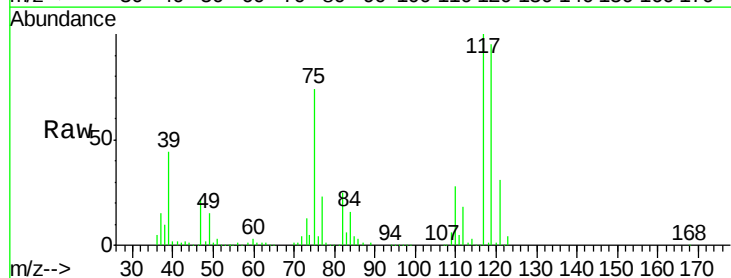
RT: 5.79 min Scan# 853

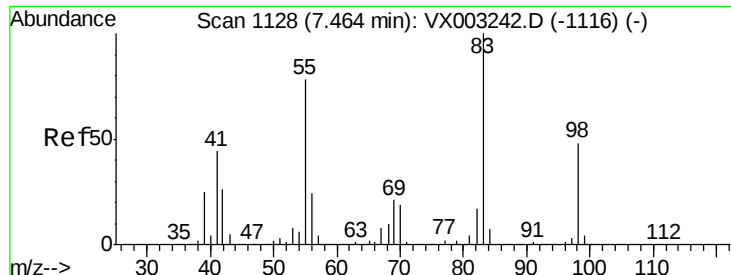
Delta R.T. 0.01 min

Lab File: VX003252.D

Acq: 09 Jul 2018 18:44

Tgt Ion:	117	Resp:	249427
Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.4	116.0
121	30.5	24.4	36.6





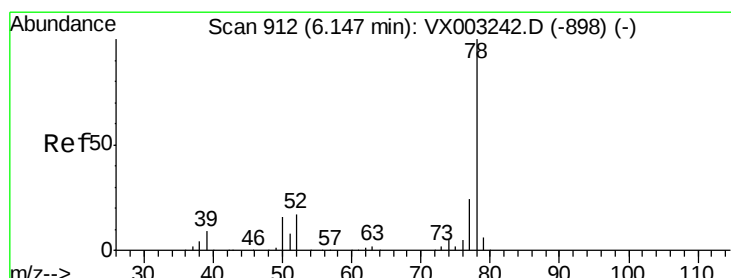
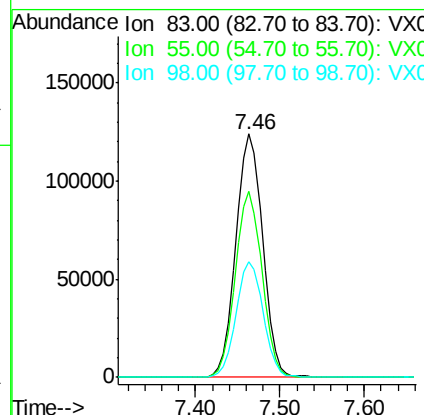
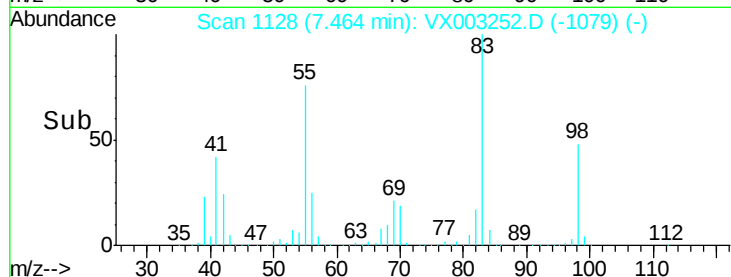
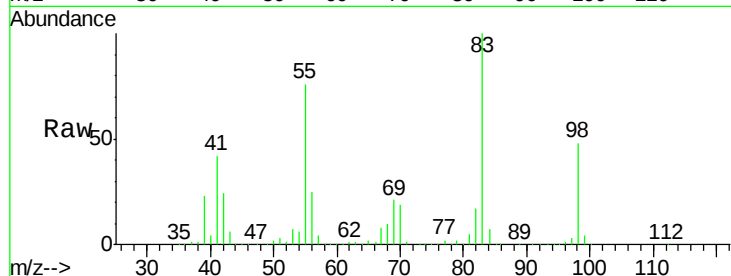
#39
Methvlcvclohexane
Concen: 48.80 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	267562
Ion Ratio	Lower	Upper	
83	100		
55	76.2	65.4	98.0
98	47.7	37.4	56.0

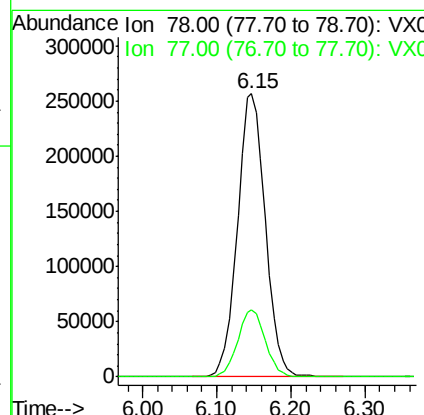
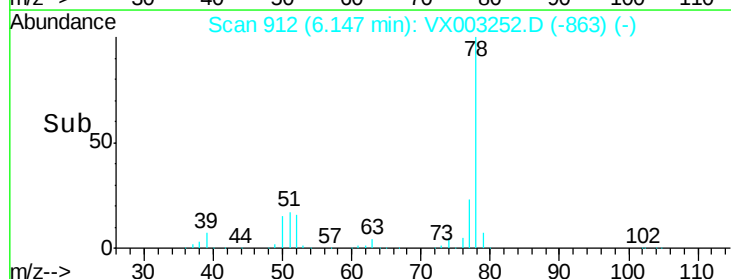
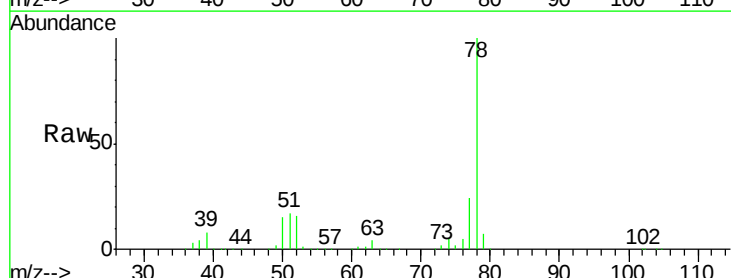
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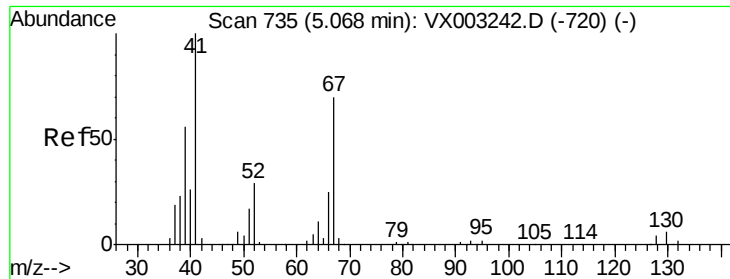
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#40
Benzene
Concen: 48.75 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Tgt Ion	78	Resp	672406
Ion Ratio	Lower	Upper	
78	100		
77	23.7	19.1	28.7





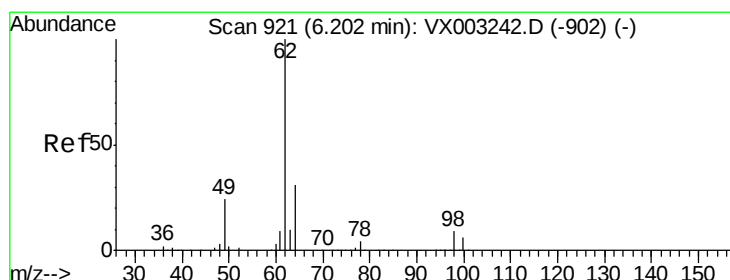
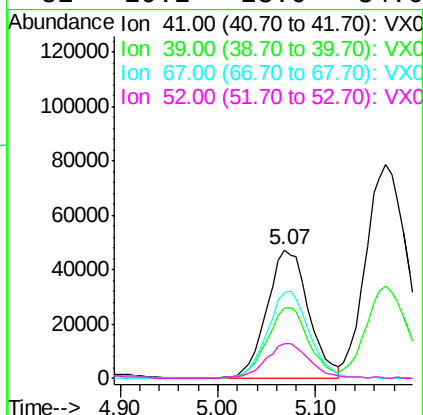
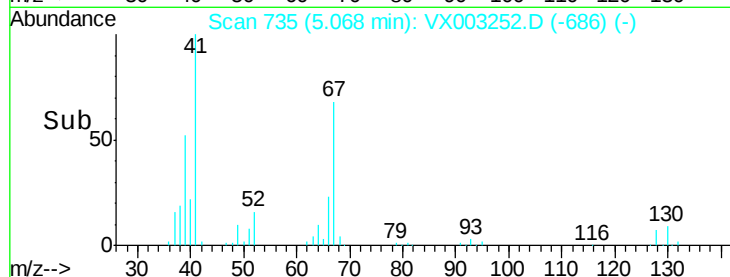
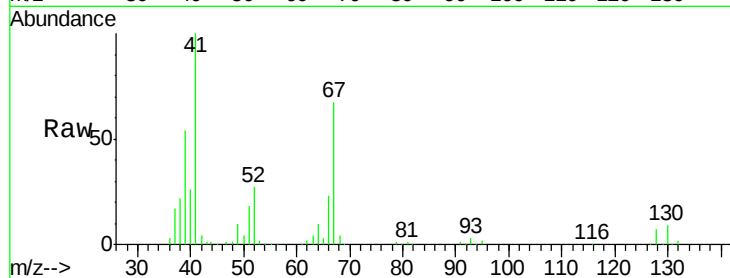
#41
Methacrylonitrile
Concen: 49.93 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.7	45.8	68.6	
67	68.5	51.3	76.9	
52	29.2	23.0	34.6	

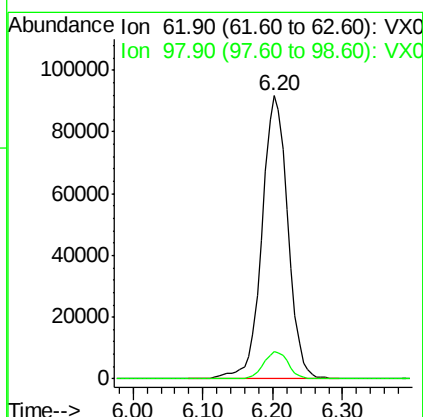
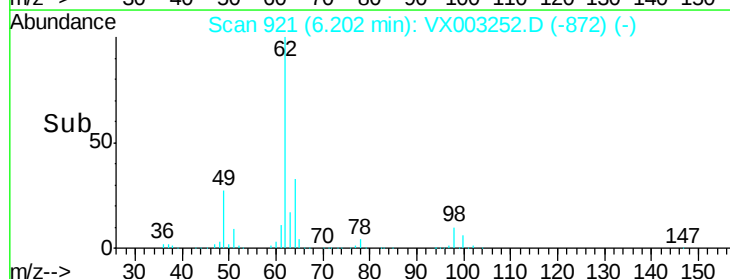
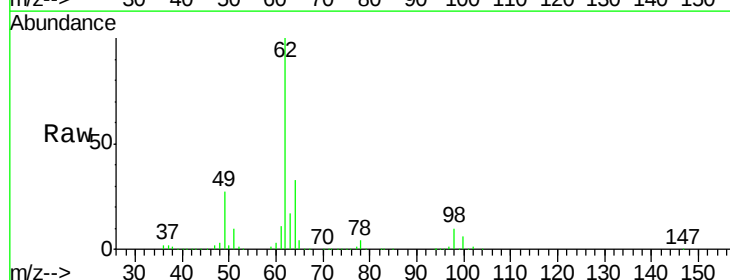
Manual Integrations
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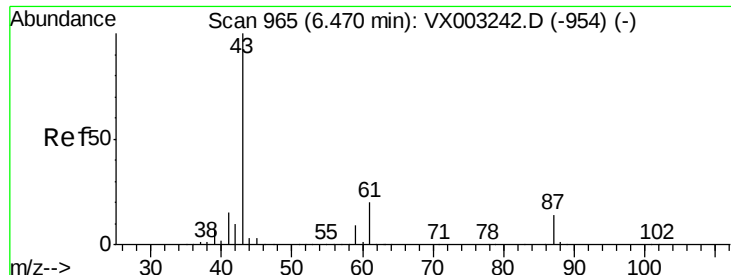
MMDadoda
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#42
1,2-Dichloroethane
Concen: 46.06 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.4	0.0	16.6	





#43

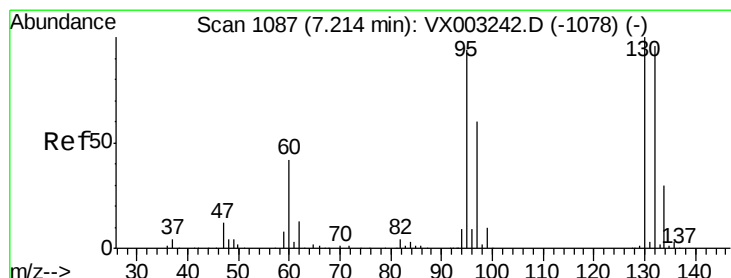
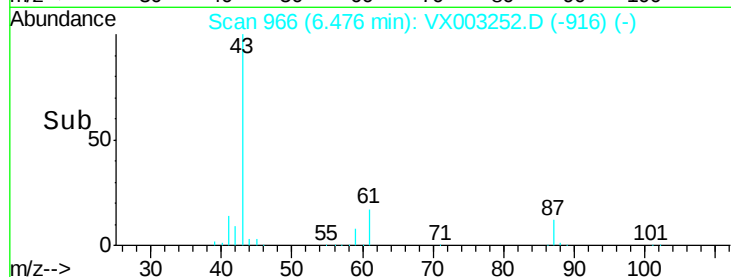
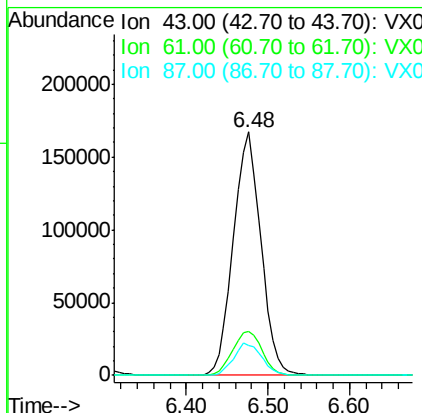
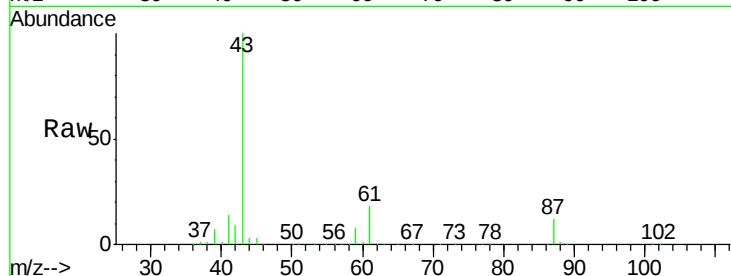
Isopropyl Acetate
 Concen: 48.70 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX003252.D
 Acq: 09 Jul 2018 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	14.4	21.6
87	13.5	9.5	14.3

Manual Integrations
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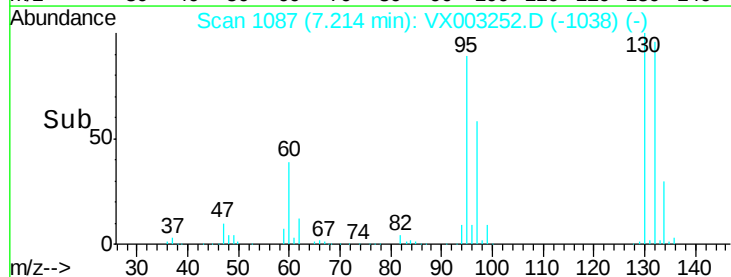
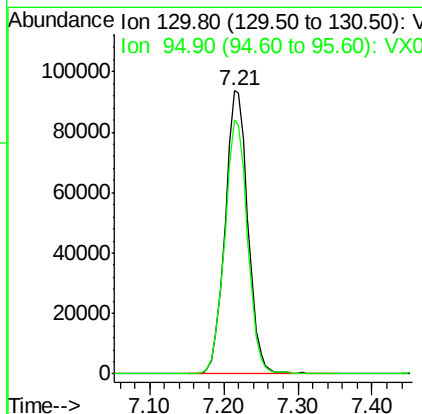
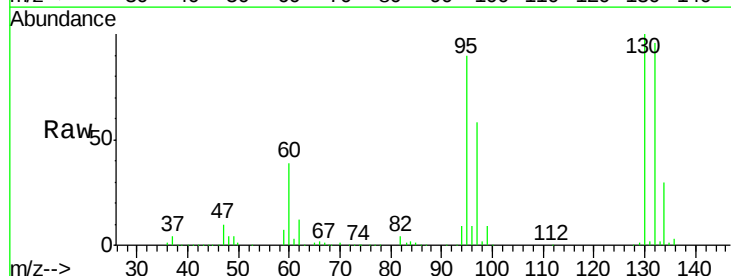
MMDadoda
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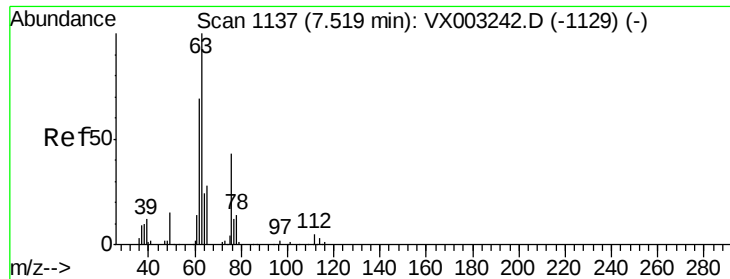


#44

Trichloroethene
 Concen: 49.18 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX003252.D
 Acq: 09 Jul 2018 18:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.6	0.0	185.4





#45

1,2-Dichloropropane

Concen: 46.80 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.00 min

Lab File: VX003252.D

Acq: 09 Jul 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 167807

Ion Ratio Lower Upper

63 100

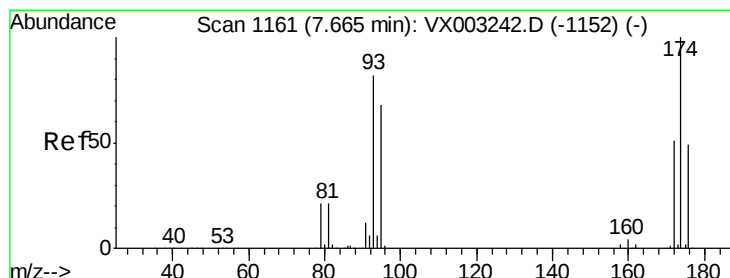
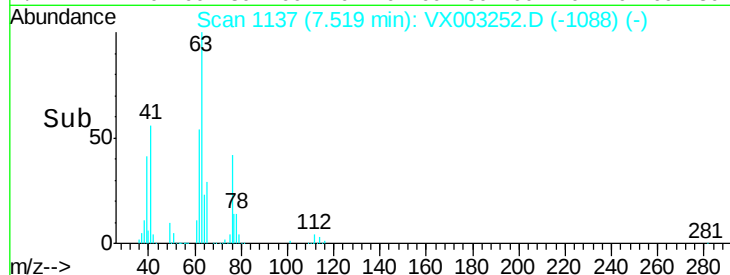
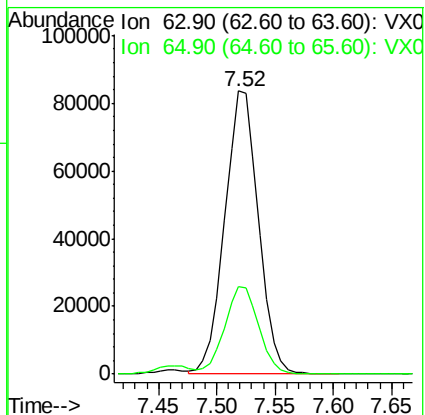
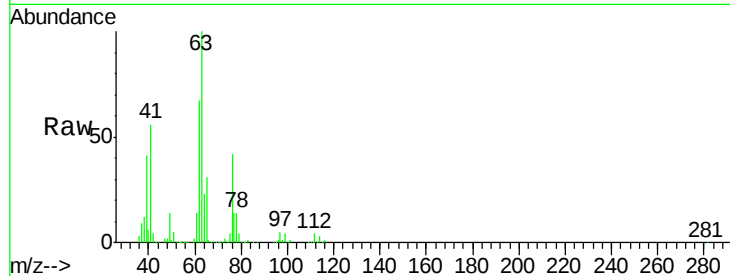
65 30.7 24.7 37.1

Manual Integrations

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#46

Dibromomethane

Concen: 47.71 ug/l

RT: 7.66 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX003252.D

Acq: 09 Jul 2018 18:44

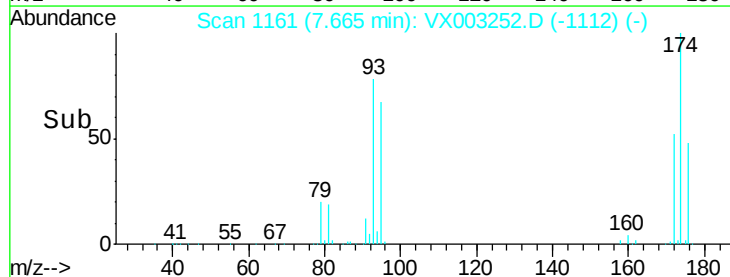
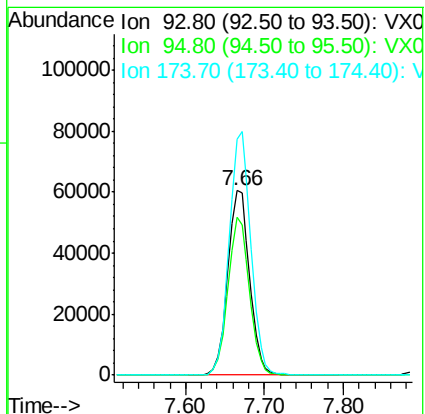
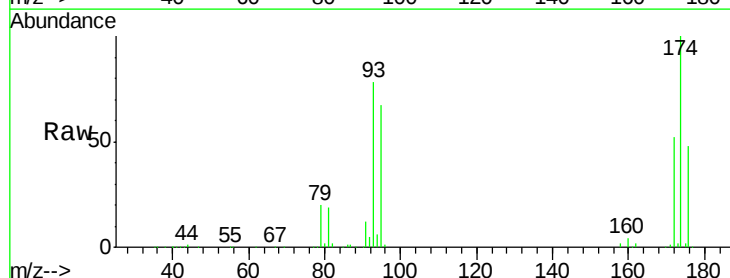
Tgt Ion: 93 Resp: 116611

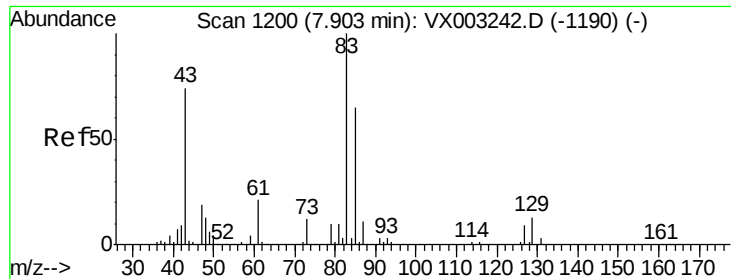
Ion Ratio Lower Upper

93 100

95 83.9 65.9 98.9

174 130.3 92.4 138.6





#47

Bromodichloromethane

Concen: 48.69 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003252.D

Acq: 09 Jul 2018 18:44

Instrument :

MSVOA_X

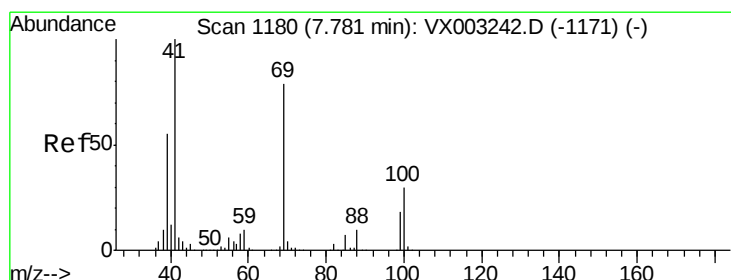
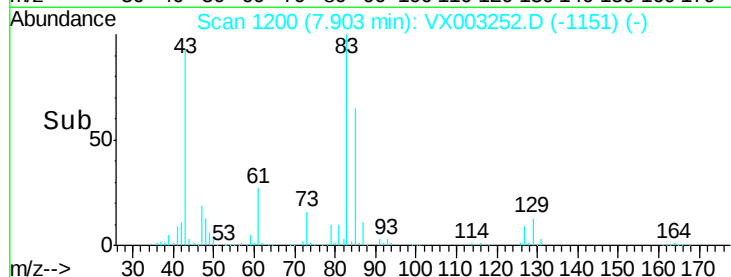
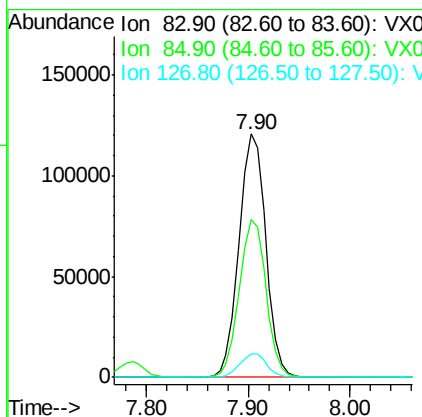
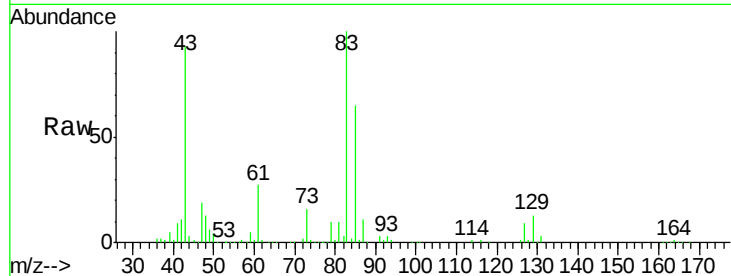
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	21952
Ion Ratio	Lower	Upper	
83	100		
85	65.0	50.3	75.5
127	9.4	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.19 ug/l

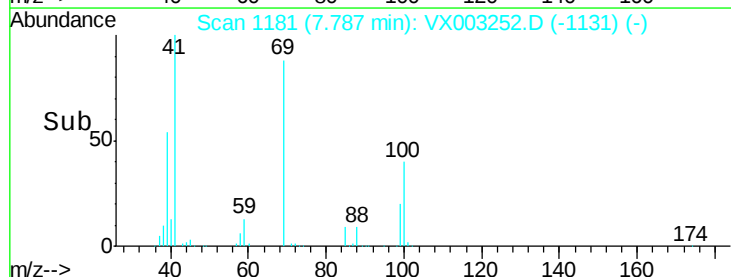
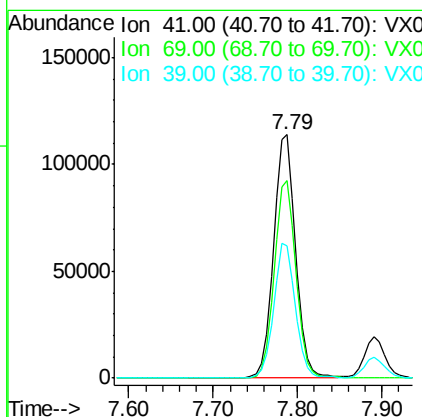
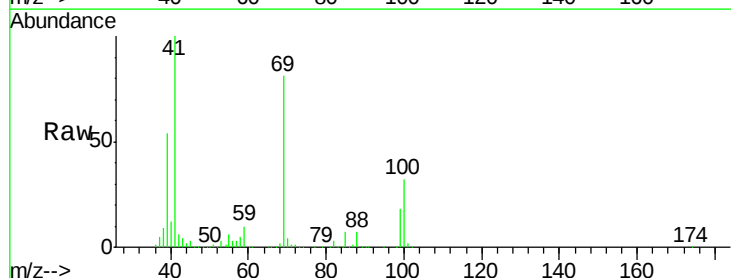
RT: 7.79 min Scan# 1181

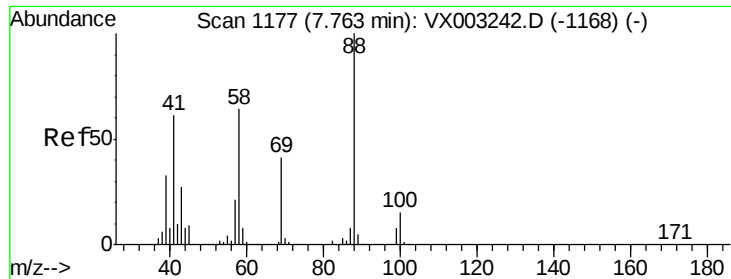
Delta R.T. 0.01 min

Lab File: VX003252.D

Acq: 09 Jul 2018 18:44

Tgt Ion:	41	Resp:	206224
Ion Ratio	Lower	Upper	
41	100		
69	80.4	59.1	88.7
39	54.2	48.9	73.3





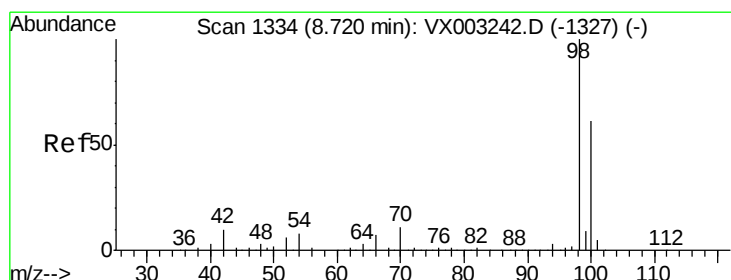
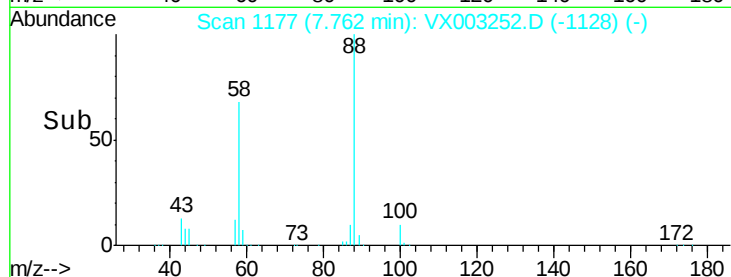
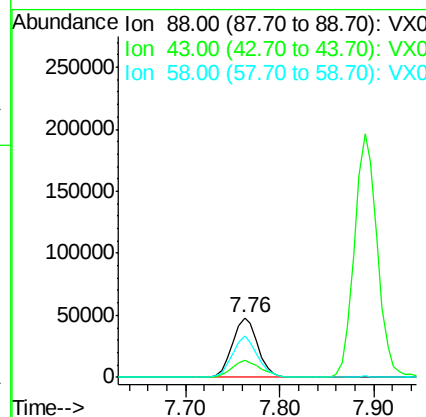
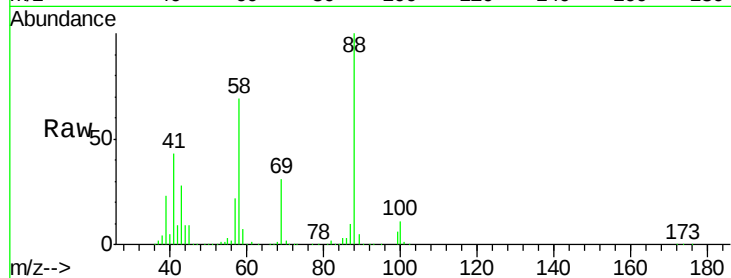
#49
1,4-Dioxane
Concen: 1044.18 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.7	29.8	44.6
58	69.2	57.1	85.7

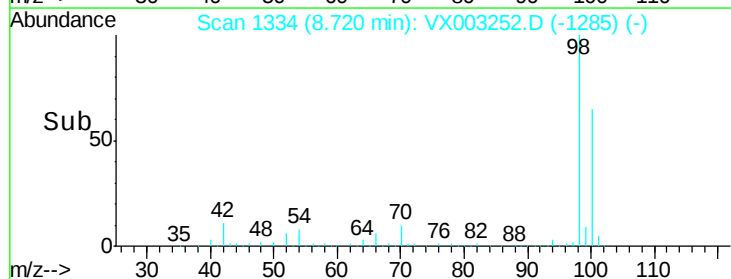
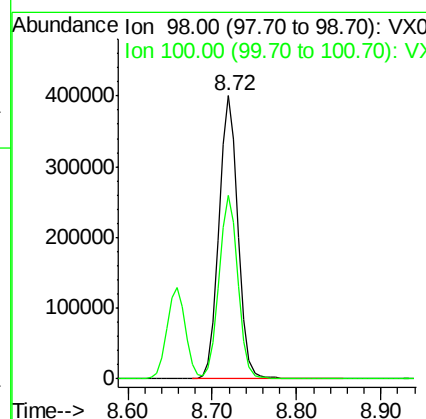
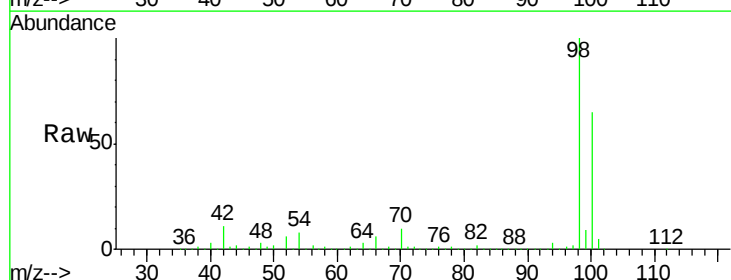
Manual Integrations
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#50
Toluene-d8
Concen: 49.69 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 253.18 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX003252.D

Acq: 09 Jul 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1262855

Ion Ratio Lower Upper

43 100

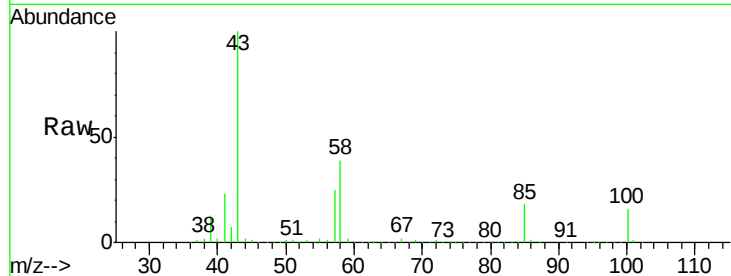
58 38.2 28.6 42.8

Manual Integrations

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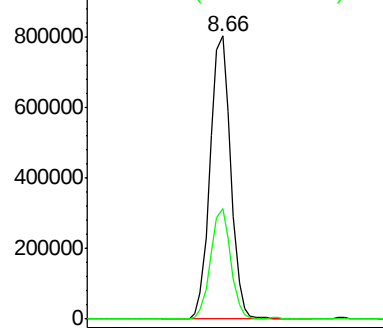
MMDadoda

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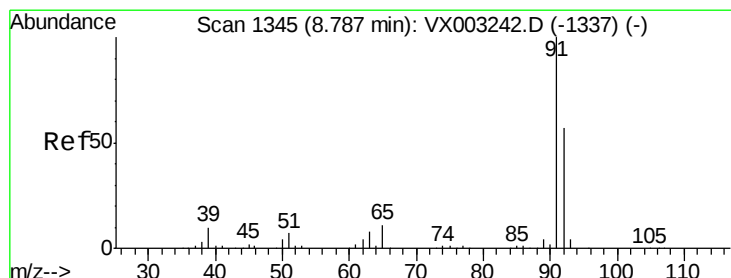
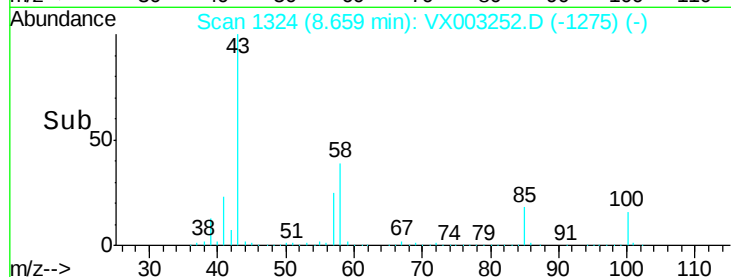


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 49.09 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003252.D

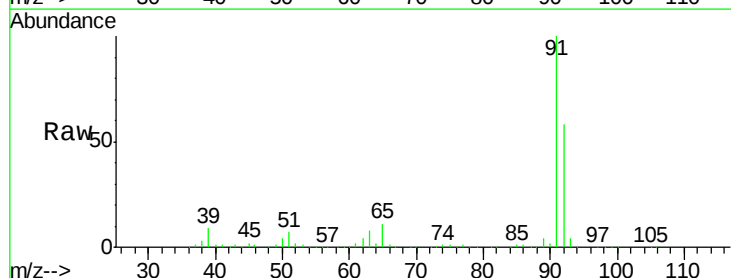
Acq: 09 Jul 2018 18:44

Tgt Ion: 92 Resp: 427957

Ion Ratio Lower Upper

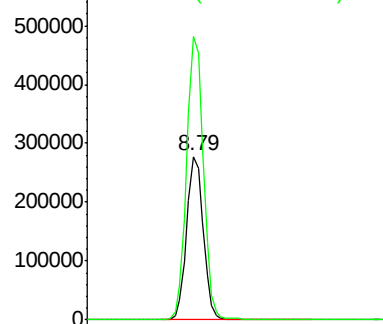
92 100

91 174.2 140.4 210.6

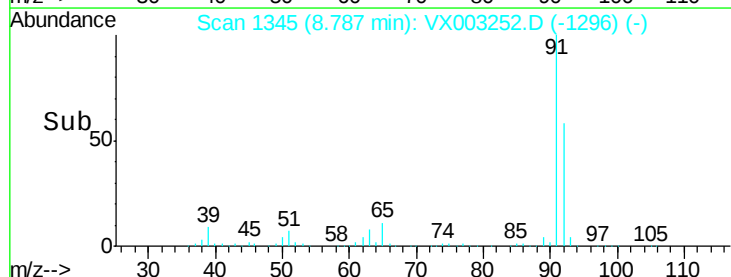


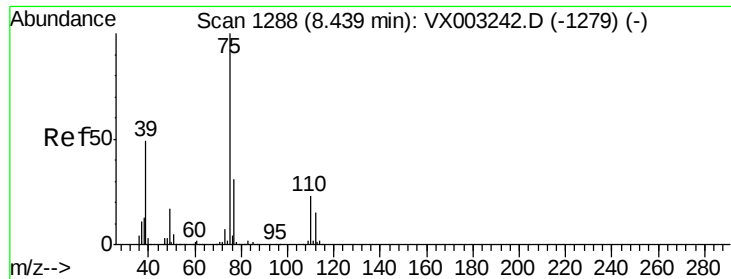
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





#53

t-1,3-Dichloropropene

Concen: 49.53 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX003252.D

Acq: 09 Jul 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 262819

Ion Ratio Lower Upper

75 100

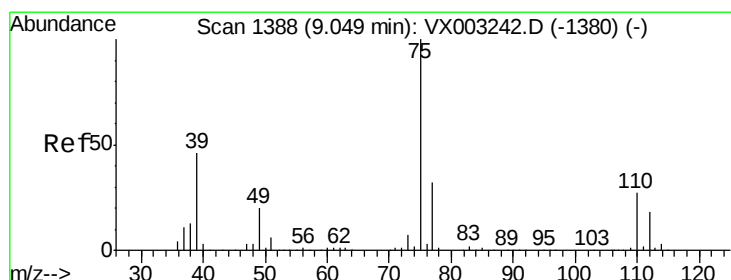
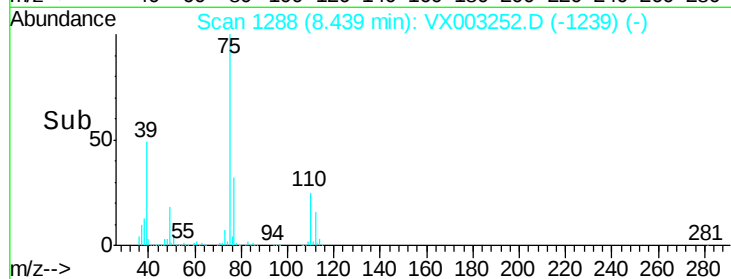
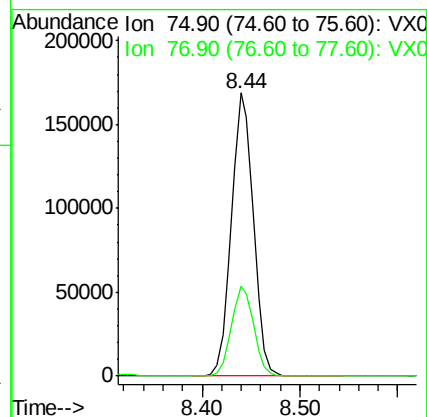
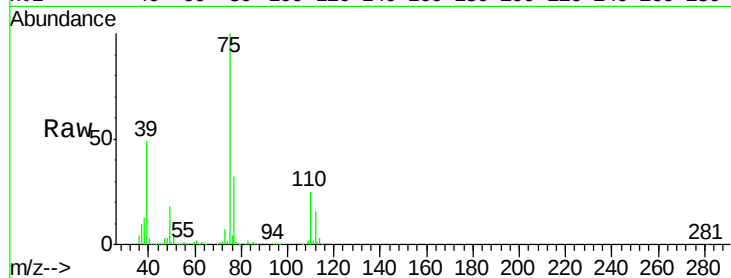
77 31.8 25.4 38.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 49.91 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX003252.D

Acq: 09 Jul 2018 18:44

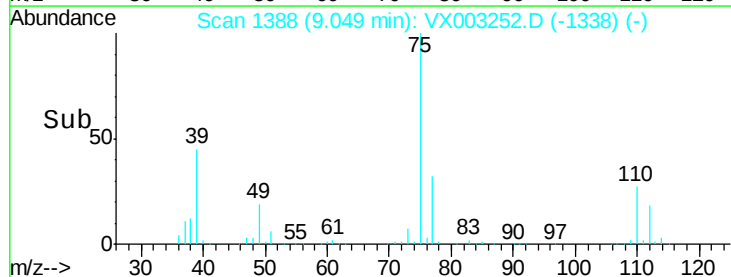
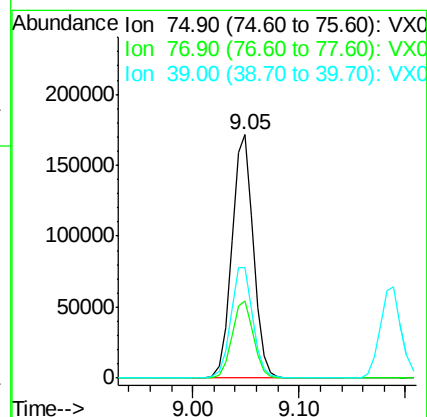
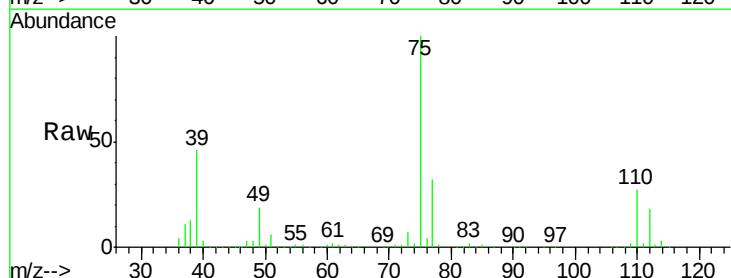
Tgt Ion: 75 Resp: 241039

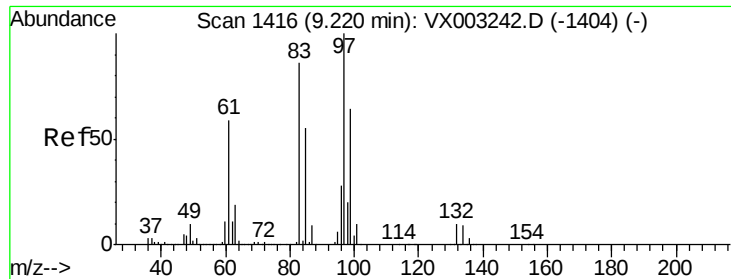
Ion Ratio Lower Upper

75 100

77 31.9 24.8 37.2

39 45.4 42.4 63.6





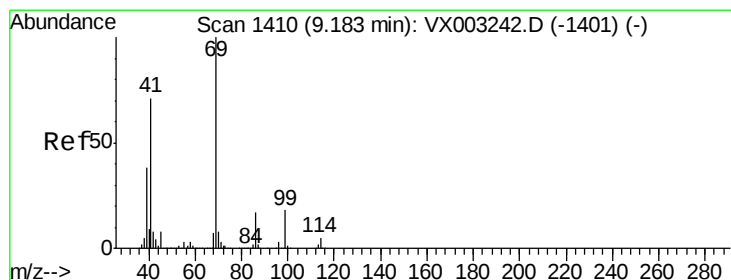
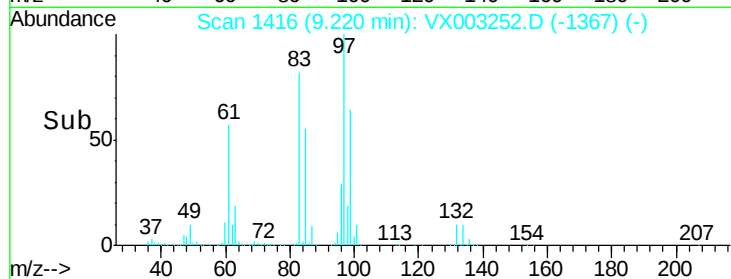
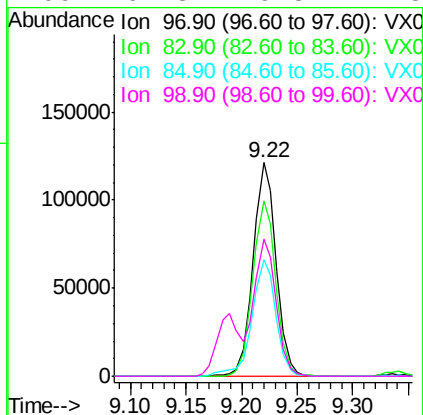
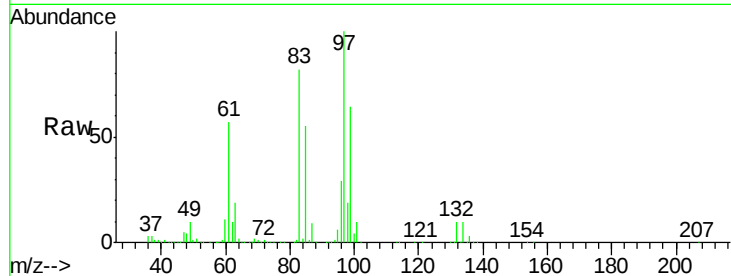
#55
 1,1,2-Trichloroethane
 Concen: 48.39 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003252.D
 Acq: 09 Jul 2018 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	175004
Ion	Ratio	Lower	Upper
97	100		
83	82.2	70.2	105.2
85	54.6	44.9	67.3
99	64.3	49.8	74.8

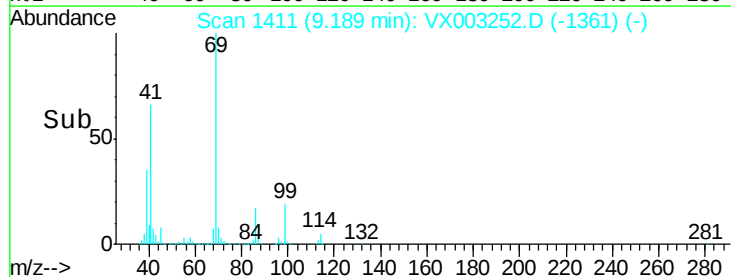
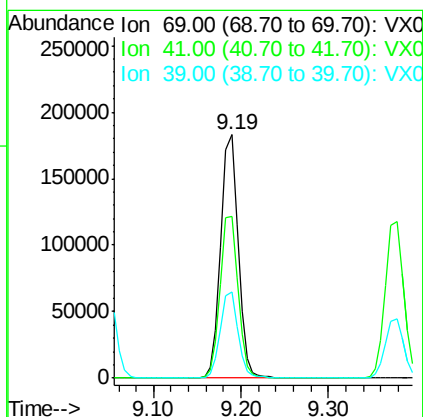
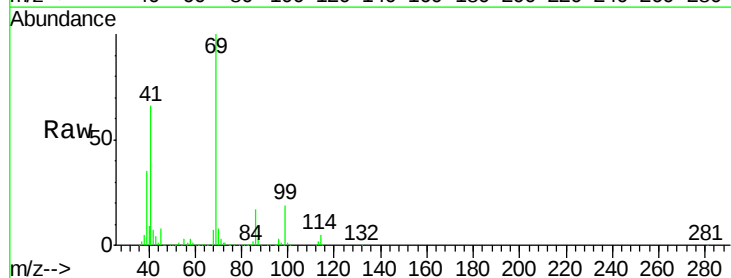
Manual Integrations
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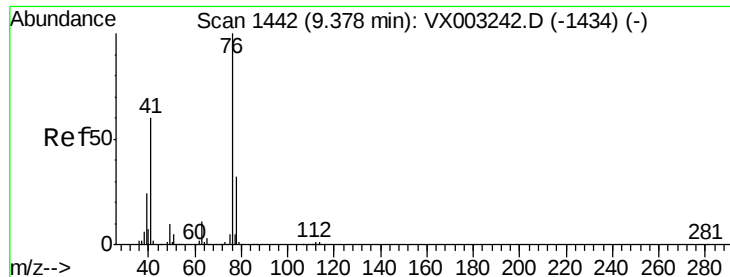
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#56
 Ethyl methacrylate
 Concen: 51.10 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX003252.D
 Acq: 09 Jul 2018 18:44

Tgt Ion:	69	Resp:	253130
Ion	Ratio	Lower	Upper
69	100		
41	67.9	60.3	90.5
39	35.6	35.8	53.8#





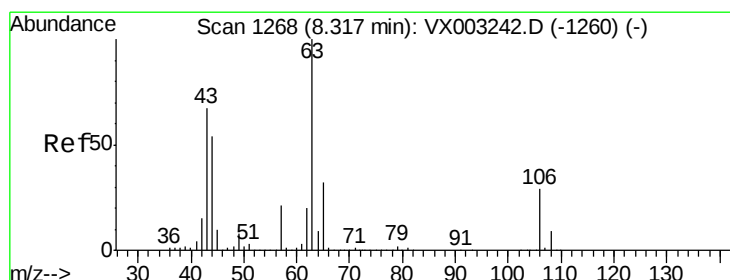
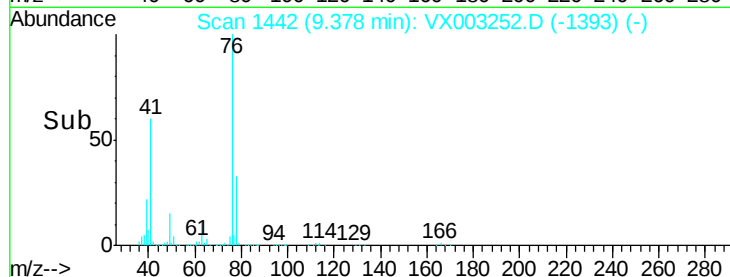
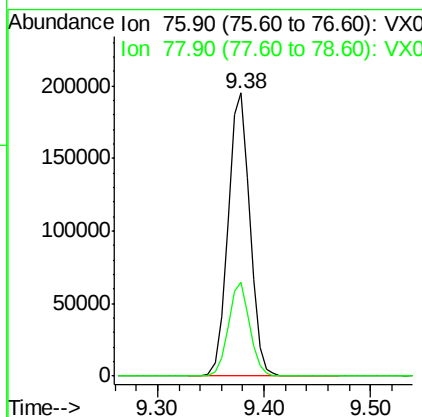
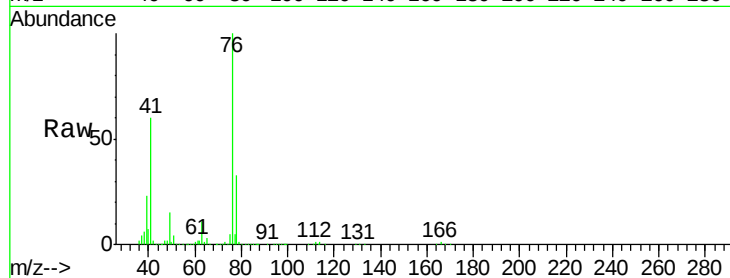
#57
 1,3-Dichloropropane
 Concen: 48.21 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX003252.D
 Acq: 09 Jul 2018 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.8	38.6

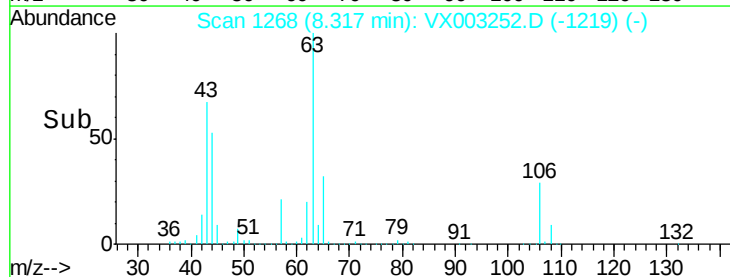
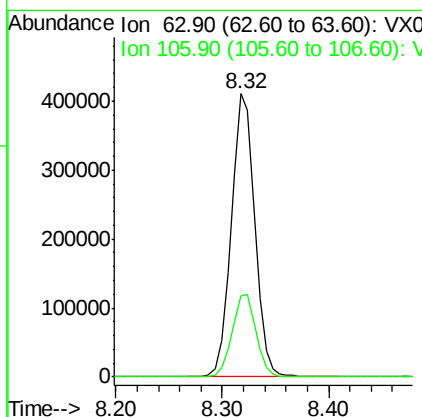
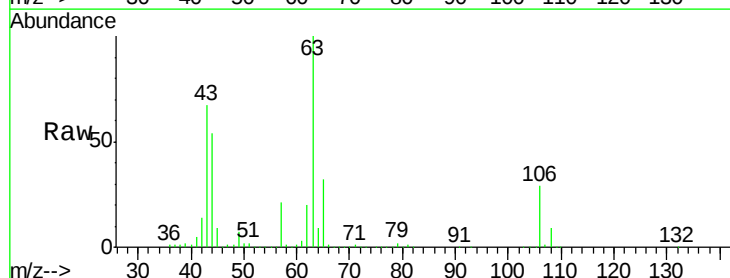
Manual Integrations
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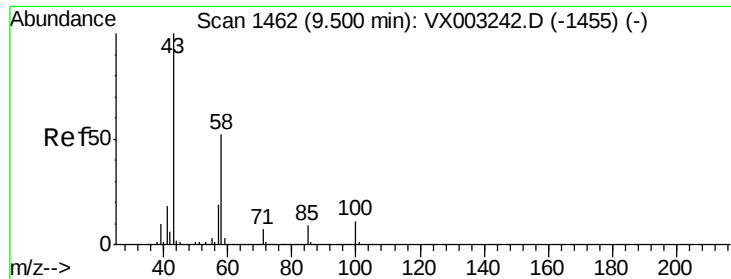
MMDadoda
 7/10/2018 3:11:49 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 265.81 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX003252.D
 Acq: 09 Jul 2018 18:44

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.7	21.8	32.8





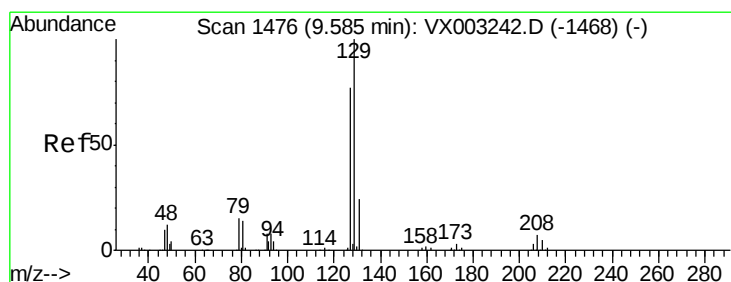
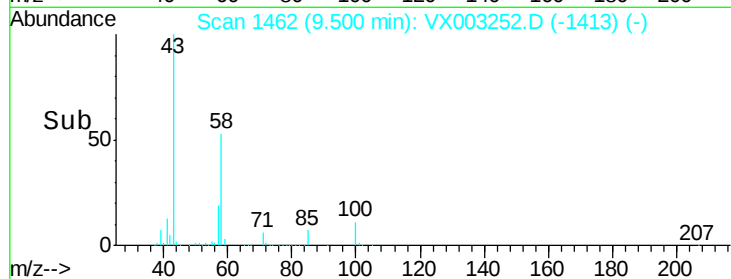
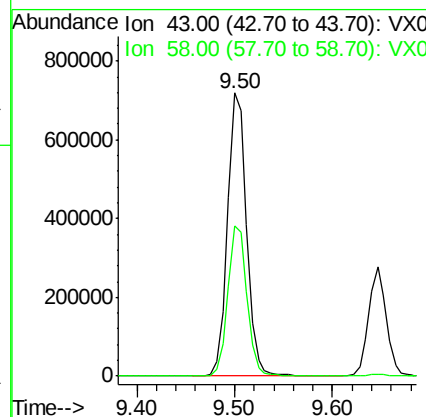
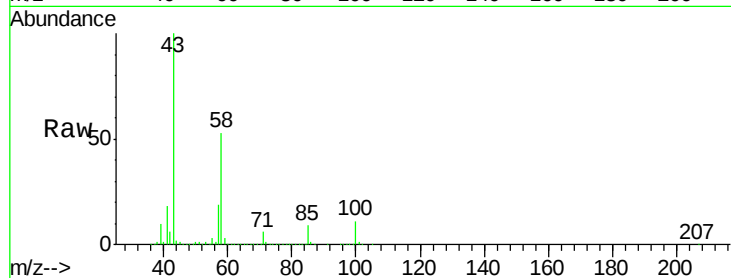
#59
2-Hexanone
Concen: 256.60 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 972140
Ion Ratio Lower Upper
43 100
58 53.4 24.6 73.6

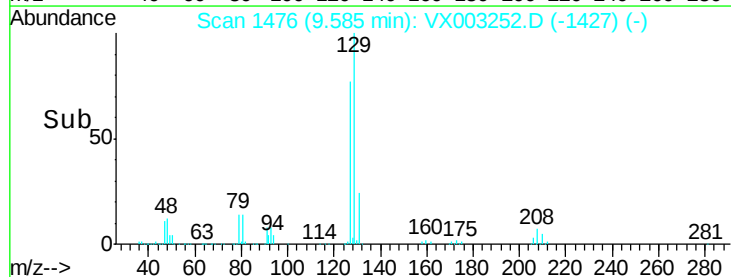
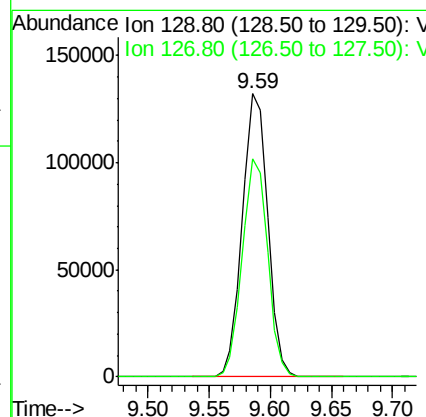
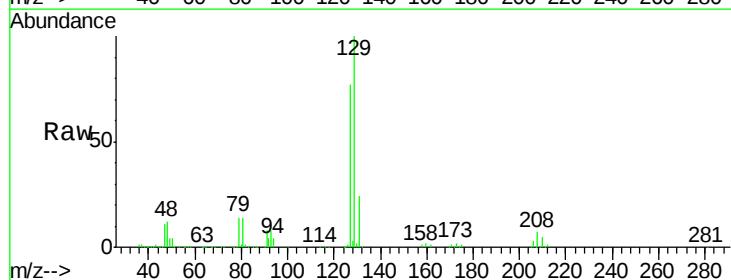
Manual Integrations
APPROVED

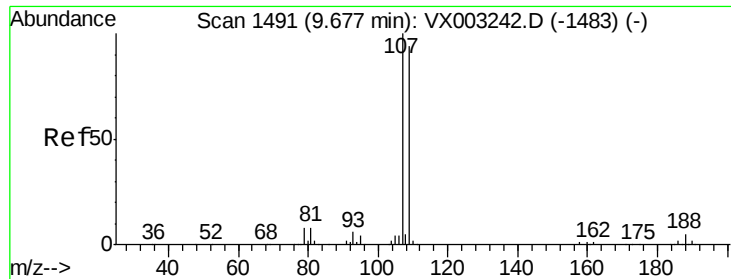
MMDadoda
7/10/2018 3:11:49 PM



#60
Dibromochloromethane
Concen: 50.44 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Tgt Ion: 129 Resp: 190474
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.3





#61

1,2-Dibromoethane

Concen: 48.94 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003252.D

Acq: 09 Jul 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 185521

Ion Ratio Lower Upper

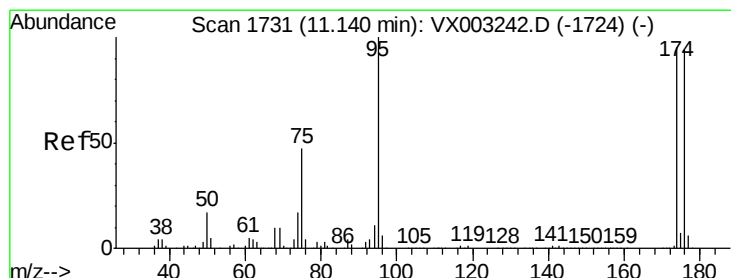
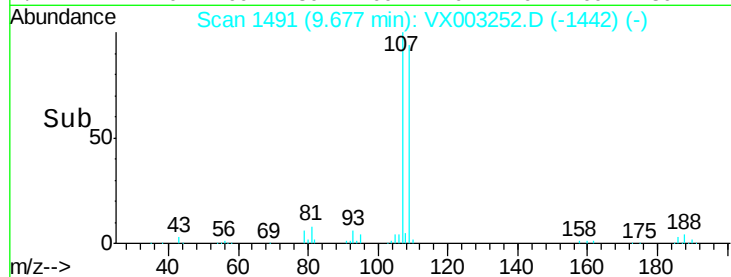
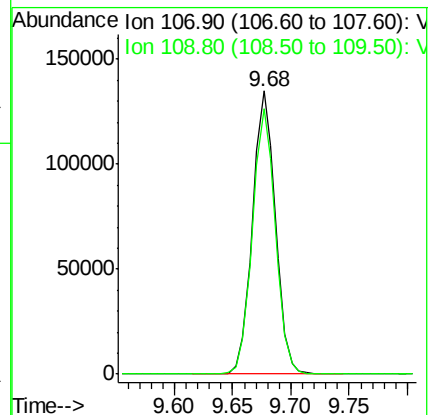
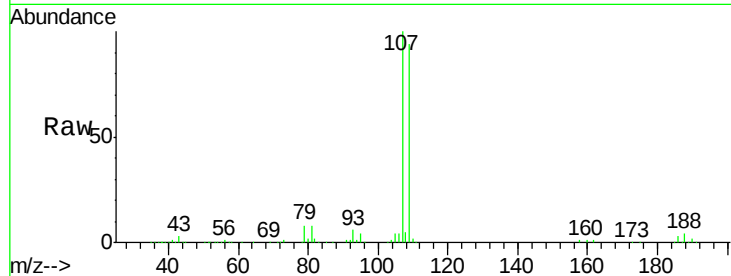
107 100

109 94.3 75.3 112.9

Manual Integrations
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MMDadoda

7/10/2018 3:11:49 PM



#62

4-Bromofluorobenzene

Concen: 49.85 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003252.D

Acq: 09 Jul 2018 18:44

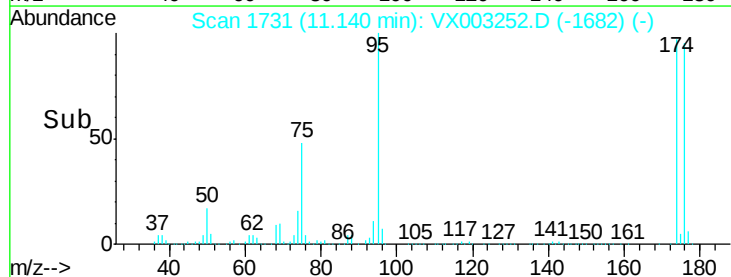
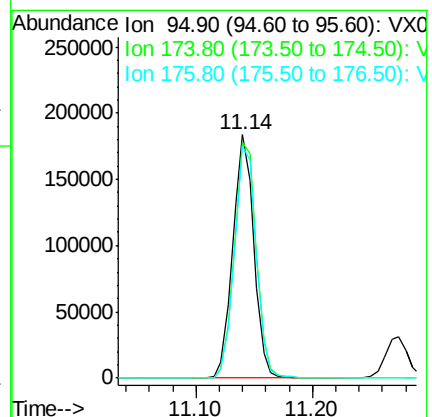
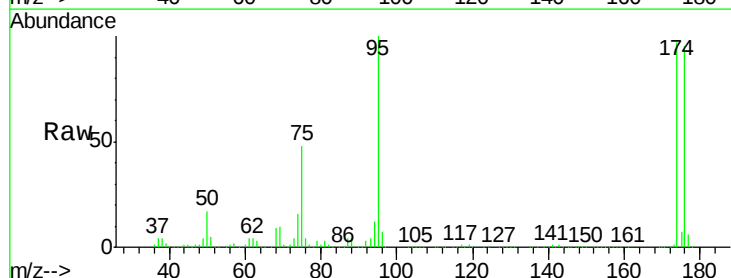
Tgt Ion: 95 Resp: 231111

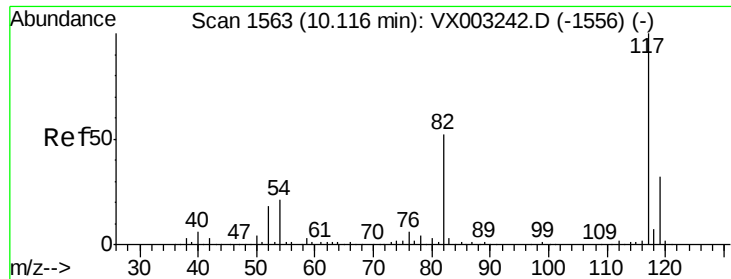
Ion Ratio Lower Upper

95 100

174 101.6 0.0 187.4

176 99.1 0.0 181.0





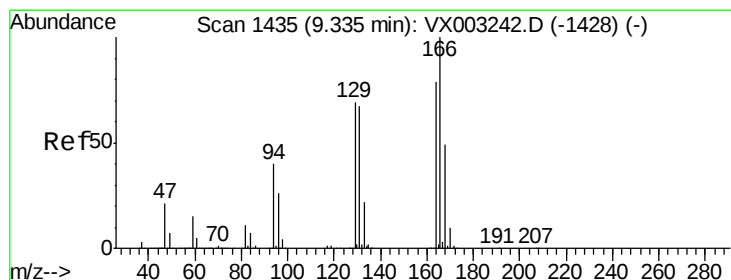
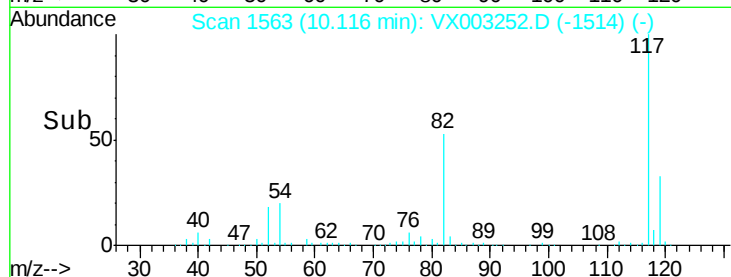
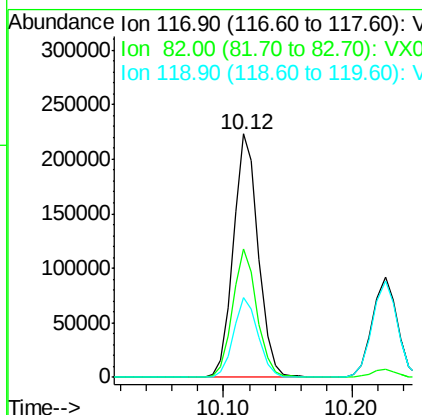
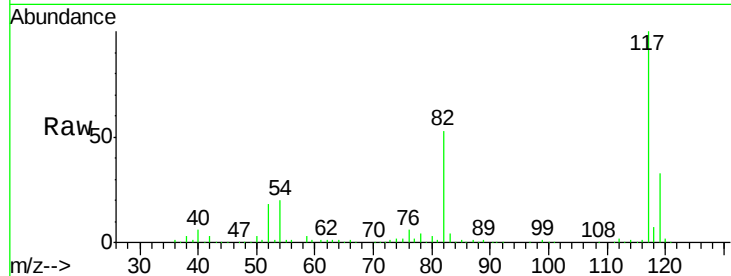
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	45.0	67.4
119	32.8	25.8	38.6

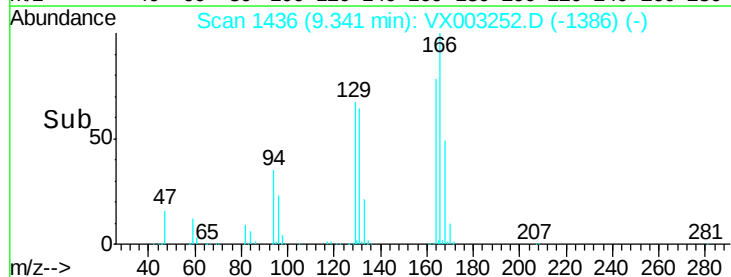
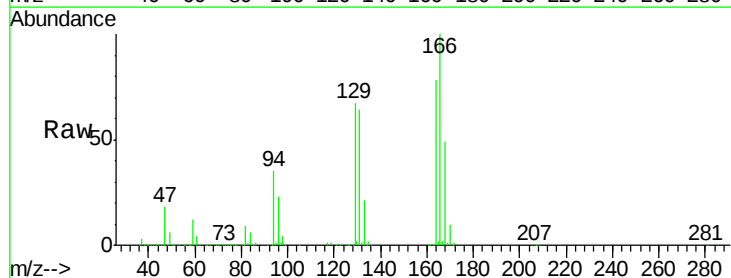
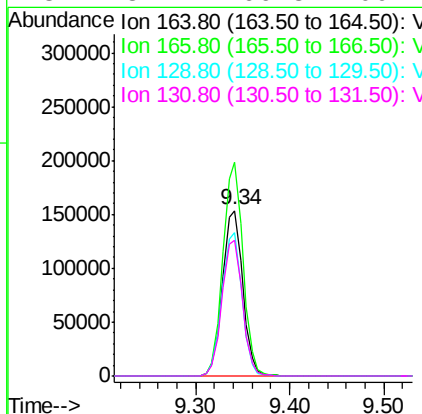
Manual Integrations
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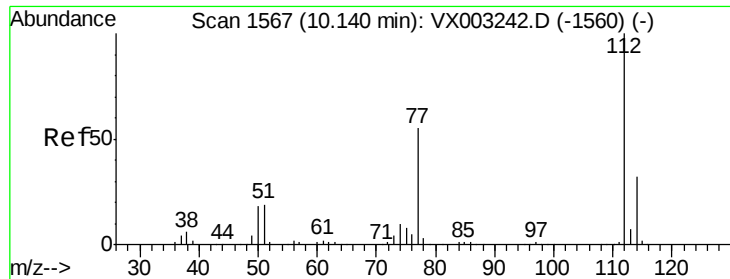
MMDadoda
7/10/2018 3:11:49 PM



#64
Tetrachloroethene
Concen: 50.45 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.01 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.9	102.9	154.3
129	86.2	68.6	102.8
131	82.2	66.8	100.2





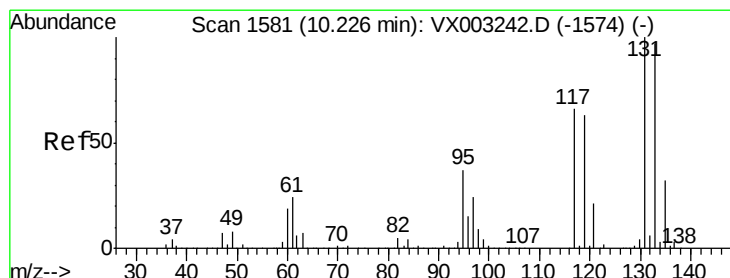
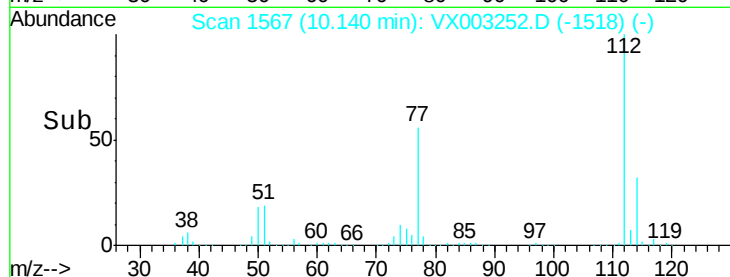
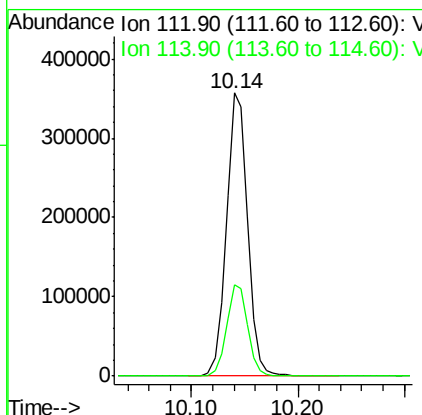
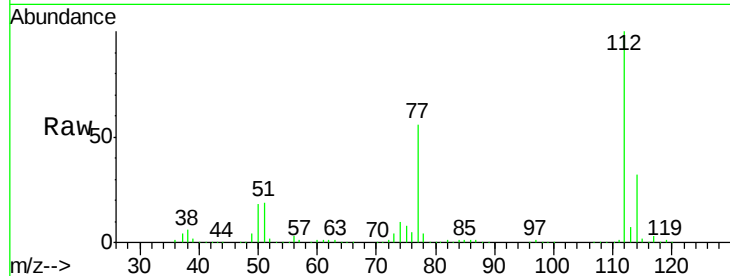
#65
Chlorobenzene
Concen: 48.51 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 495400
Ion Ratio Lower Upper
112 100
114 32.2 25.3 37.9

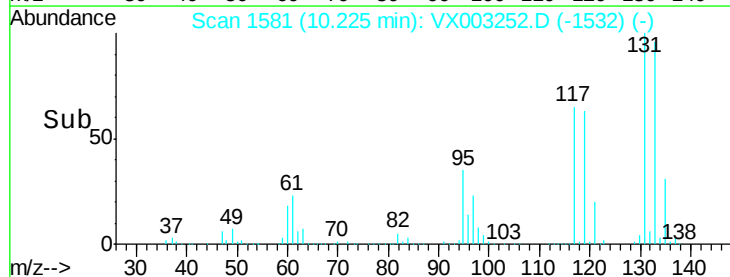
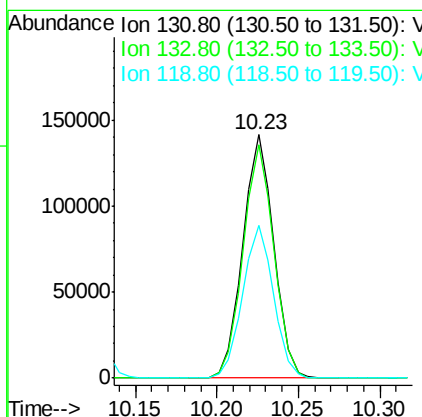
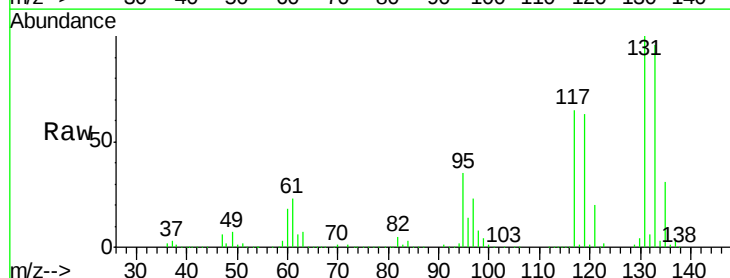
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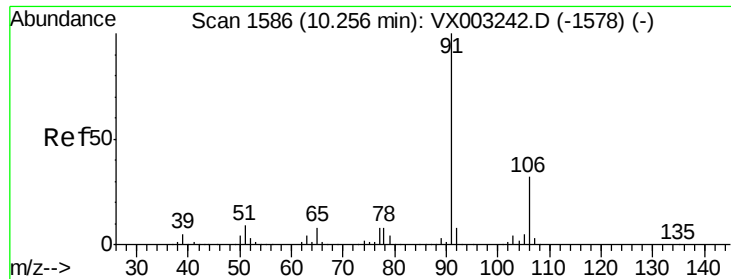
MMDadoda
7/10/2018 3:11:49 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.85 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Tgt Ion:131 Resp: 187340
Ion Ratio Lower Upper
131 100
133 95.5 47.9 143.6
119 62.6 31.8 95.3





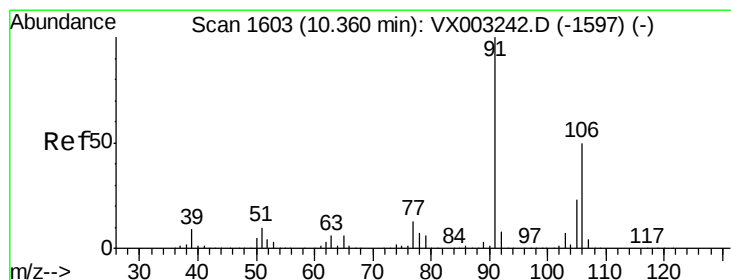
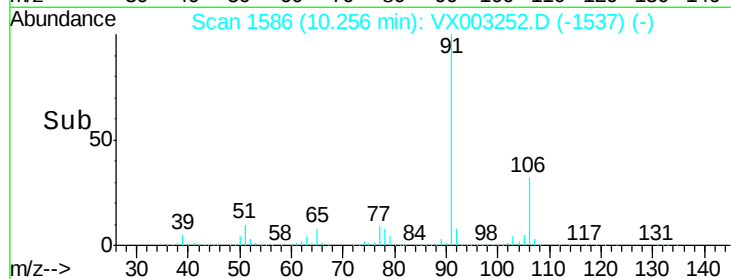
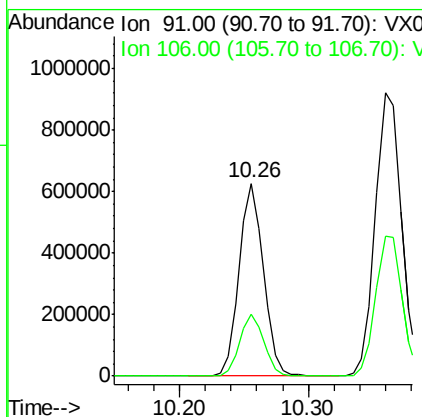
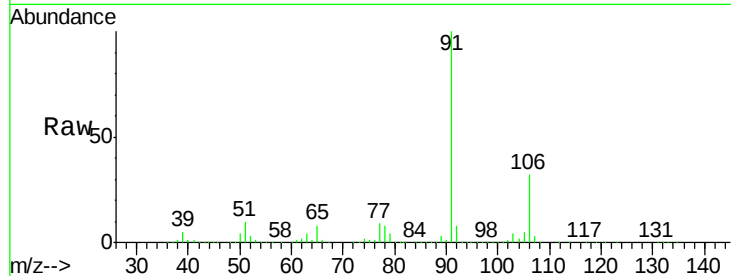
#67
Ethyl Benzene
Concen: 49.86 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 823406
Ion Ratio Lower Upper
91 100
106 32.2 25.5 38.3

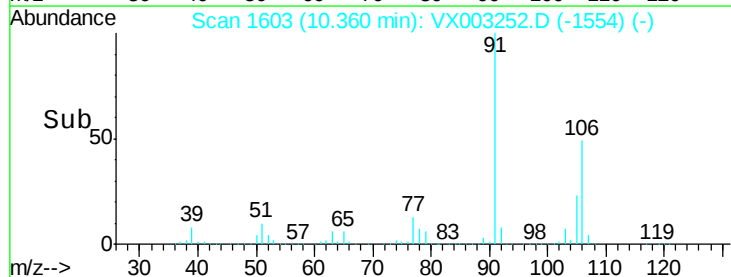
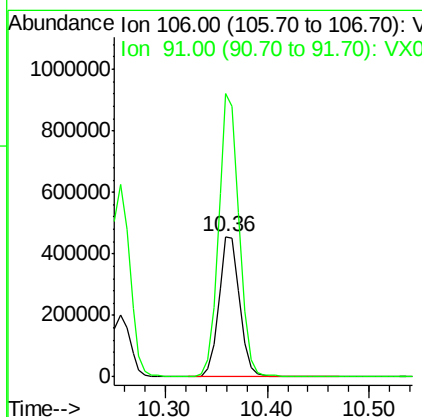
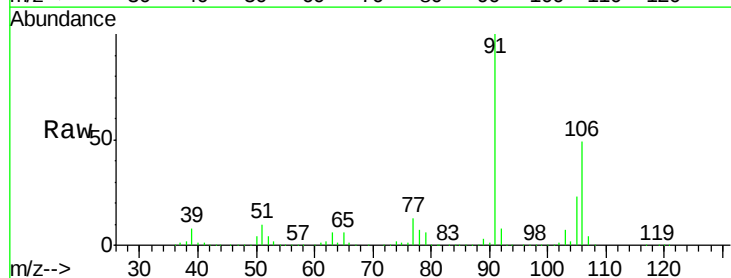
Manual Integrations
APPROVED

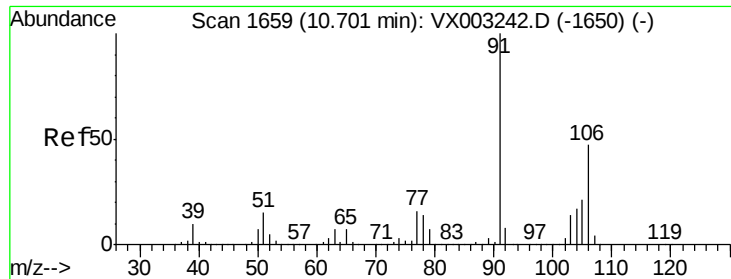
MMDadoda
7/10/2018 3:11:49 PM



#68
m/p-Xylenes
Concen: 100.94 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Tgt Ion: 106 Resp: 648471
Ion Ratio Lower Upper
106 100
91 199.9 163.4 245.2





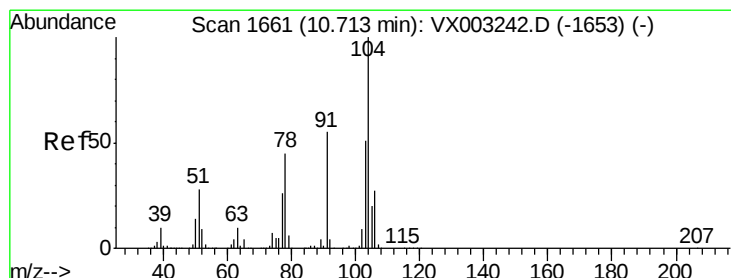
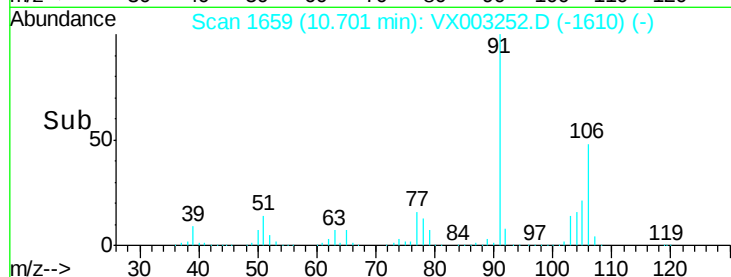
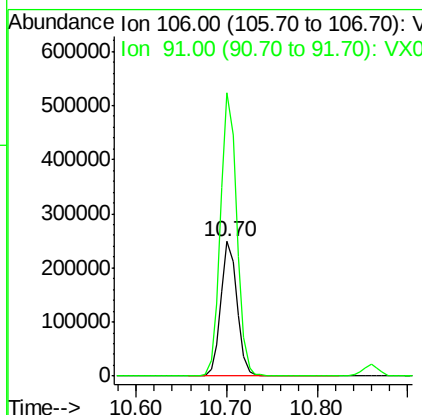
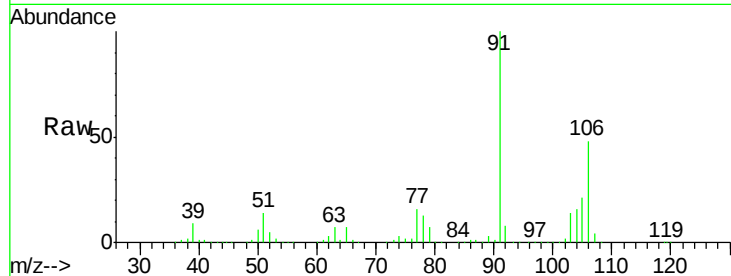
#69
o-Xylene
Concen: 50.29 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	211.5	108.2	324.6	

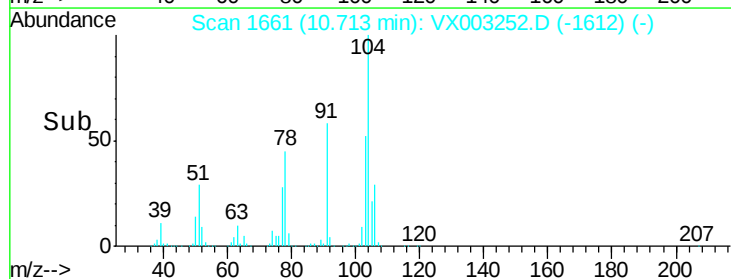
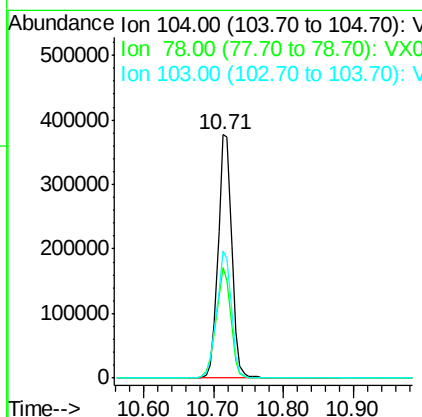
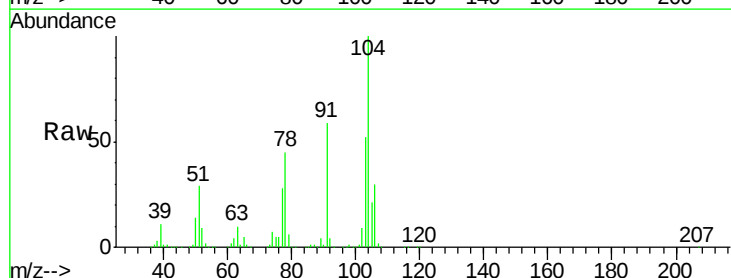
Manual Integrations
APPROVED

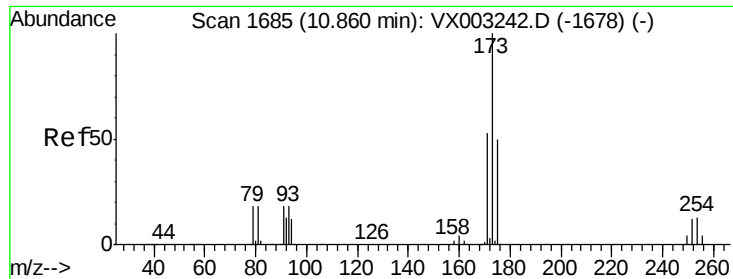
MMDadoda
7/10/2018 3:11:49 PM



#70
Styrene
Concen: 50.91 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.7	41.0	61.6	
103	55.9	44.2	66.4	





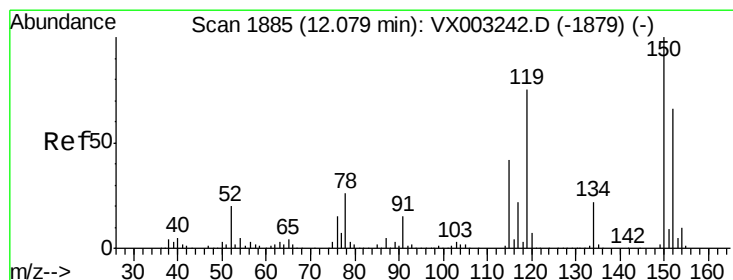
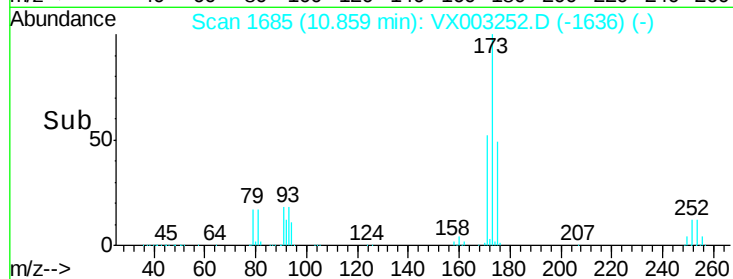
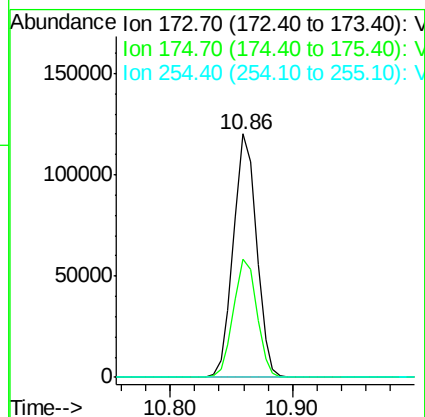
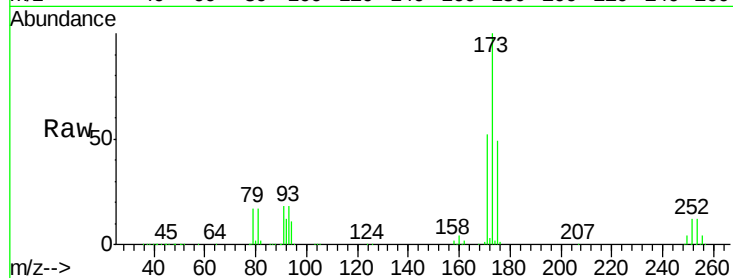
#71
Bromoform
Concen: 51.78 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 156963
Ion Ratio Lower Upper
173 100
175 49.2 24.7 74.1
254 0.2 0.2 0.2

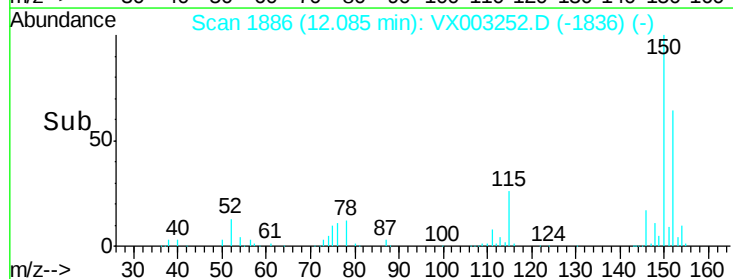
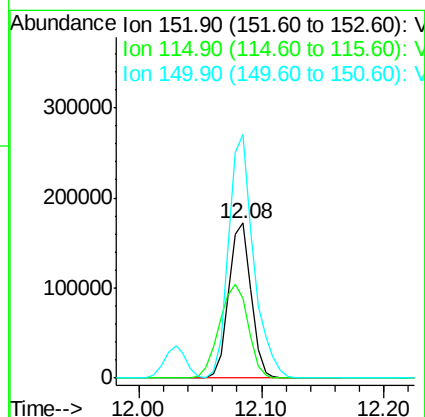
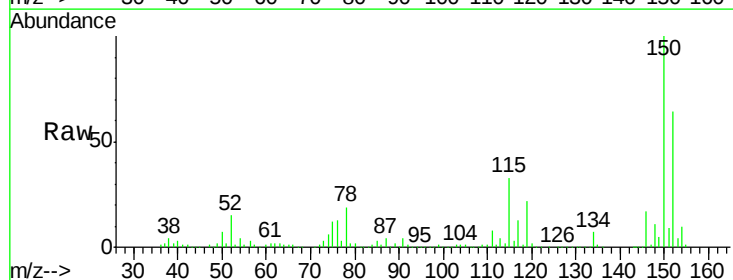
Manual Integrations
APPROVED

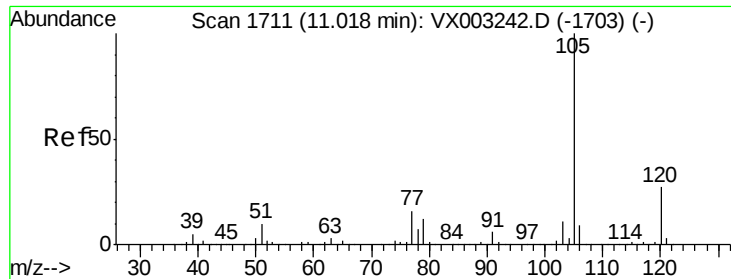
MMDadoda
7/10/2018 3:11:49 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Tgt Ion:152 Resp: 215688
Ion Ratio Lower Upper
152 100
115 78.6 40.1 120.2
150 176.0 0.0 347.2





#73

Isopropylbenzene

Concen: 49.93 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX003252.D

Acq: 09 Jul 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 850314

Ion Ratio Lower Upper

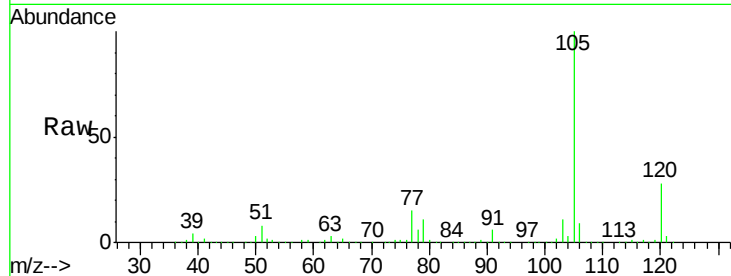
105 100

120 27.3 13.5 40.4

Manual Integrations
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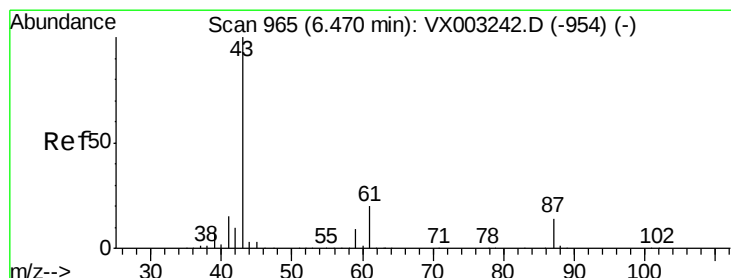
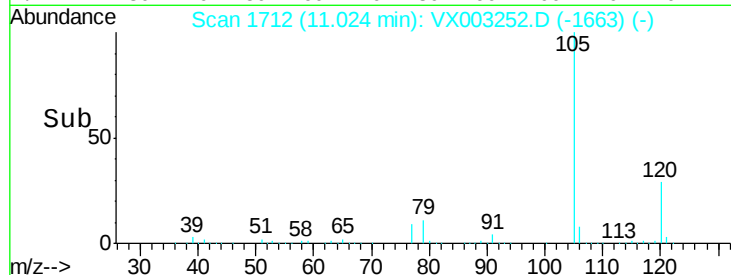
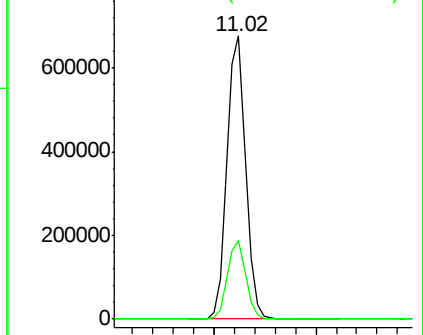
MMDadoda

7/10/2018 3:11:49 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.03 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX003252.D

Acq: 09 Jul 2018 18:44

Tgt Ion: 43 Resp: 390159

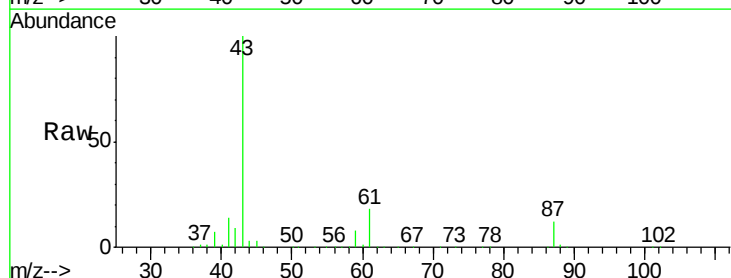
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 19.5 14.4 21.6

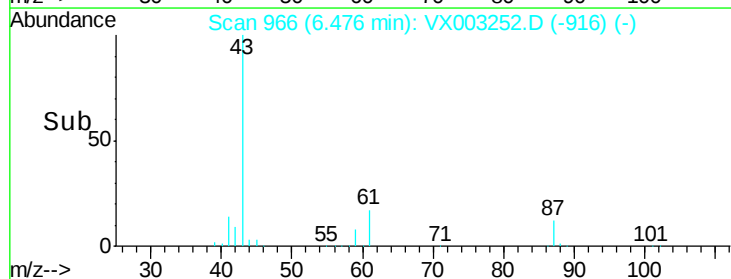
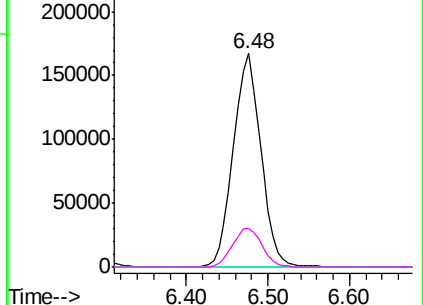


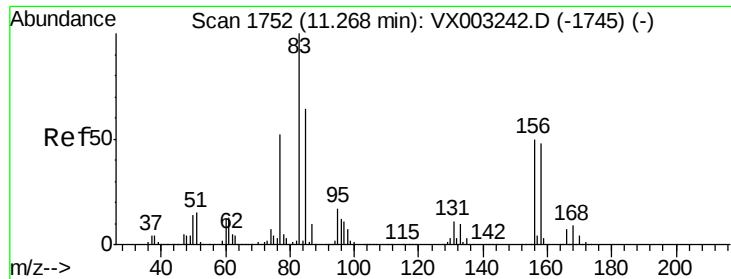
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.91 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003252.D

Acq: 09 Jul 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 253078

Ion Ratio Lower Upper

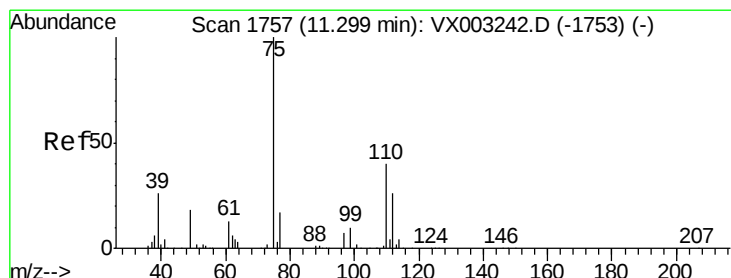
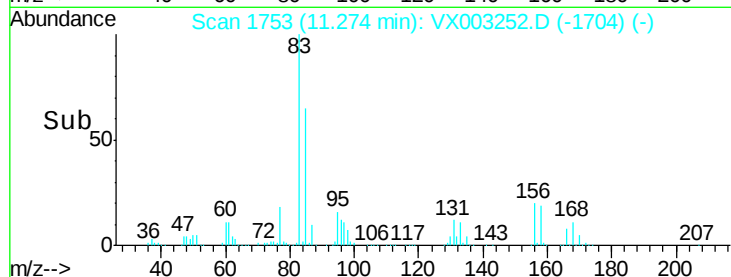
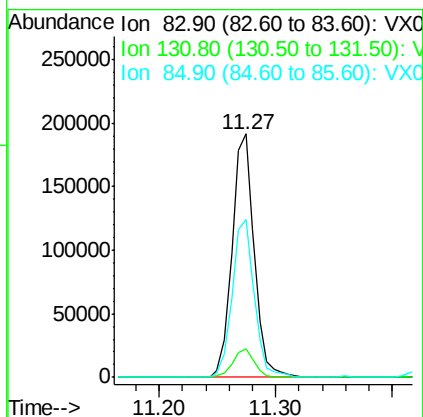
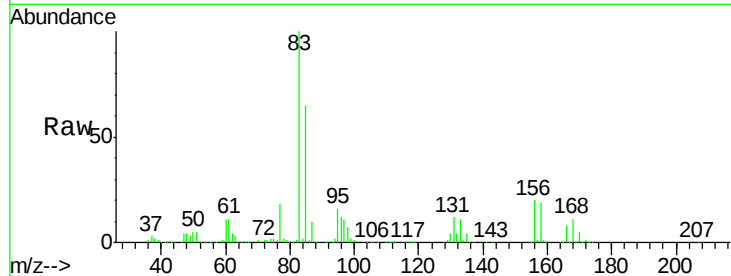
83 100

131 11.6 5.6 16.8

85 64.9 32.4 97.2

Manual Integrations
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7/10/2018 3:11:49 PM



#76

1,2,3-Trichloropropane

Concen: 54.92 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX003252.D

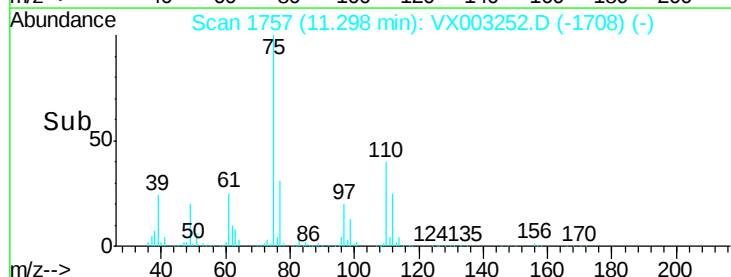
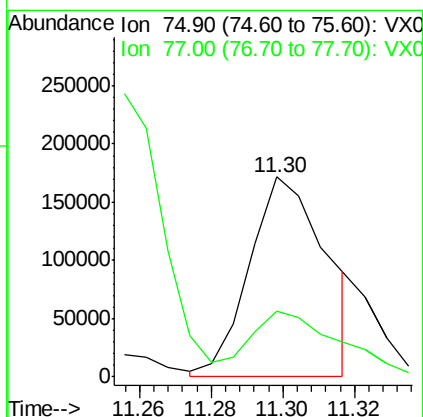
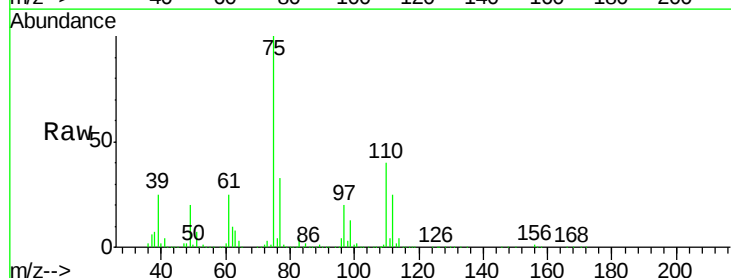
Acq: 09 Jul 2018 18:44

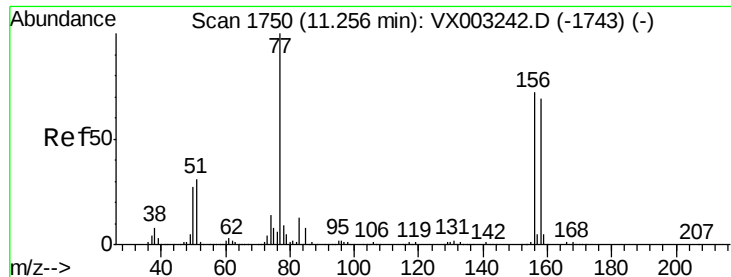
Tgt Ion: 75 Resp: 255995

Ion Ratio Lower Upper

75 100

77 38.3 22.8 68.3





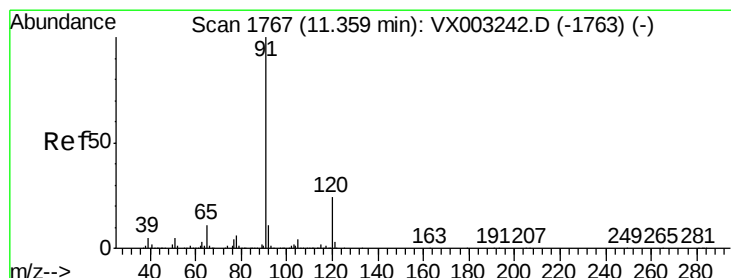
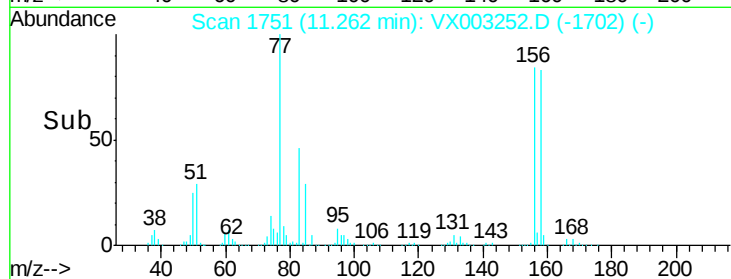
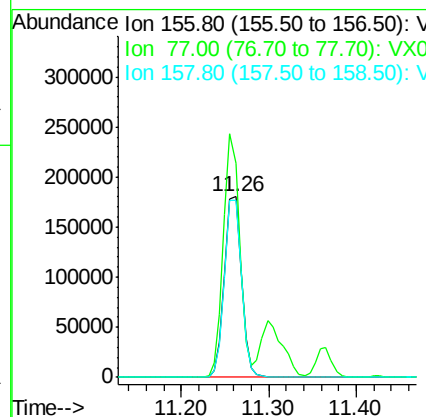
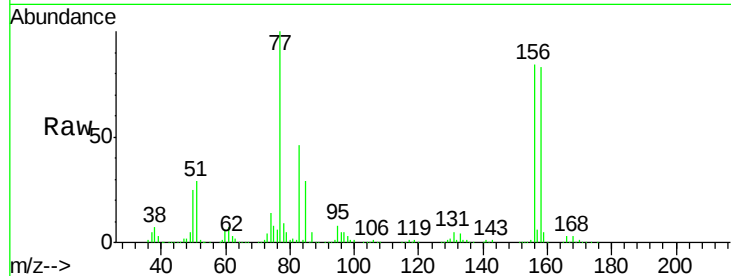
#77
Bromobenzene
Concen: 49.52 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.00 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	128.6	71.4	214.2
158	98.1	48.9	146.6

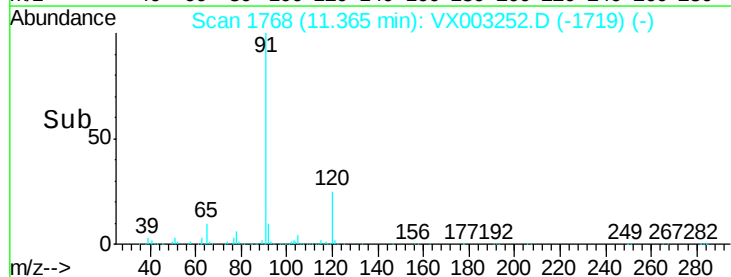
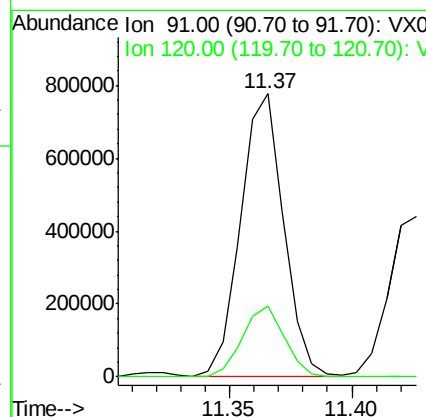
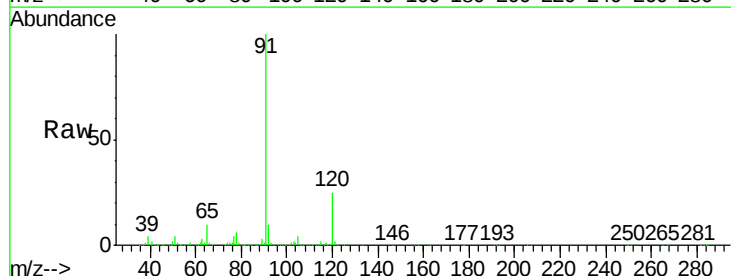
Manual Integrations
APPROVED

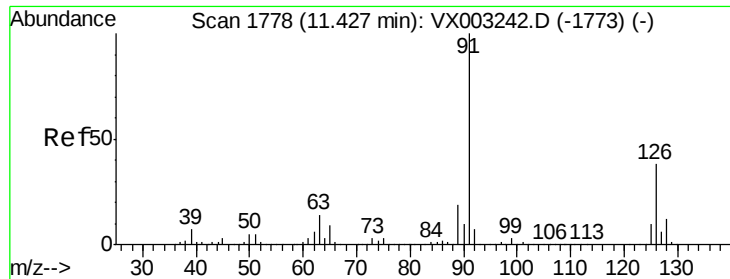
MMDadoda
7/10/2018 3:11:49 PM



#78
n-propylbenzene
Concen: 49.79 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.3	11.8	35.4





#79

2-Chlorotoluene

Concen: 48.60 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003252.D

Acq: 09 Jul 2018 18:44

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 560622

Ion Ratio Lower Upper

91 100

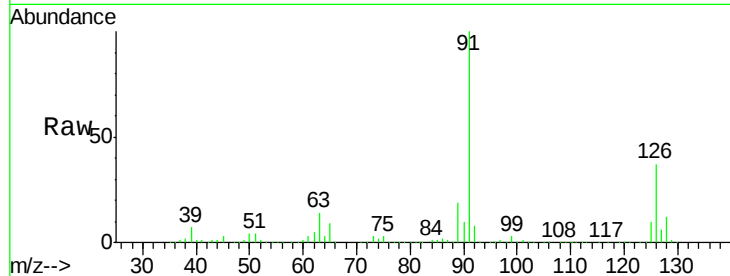
126 36.9 17.7 53.1

Manual Integrations

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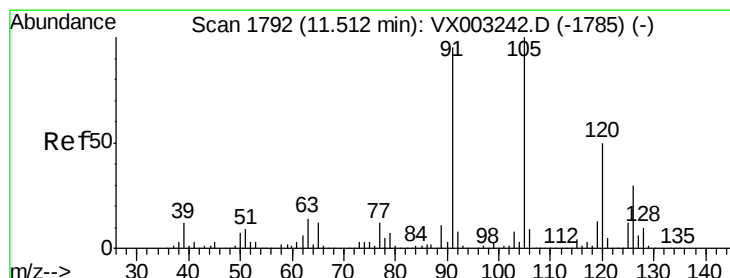
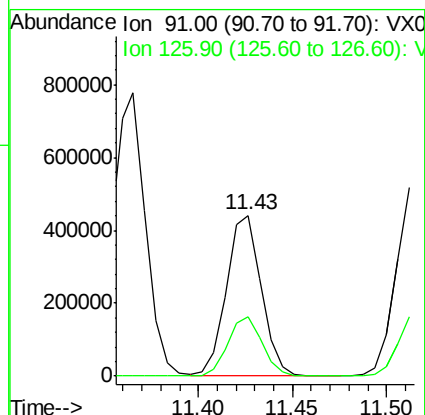
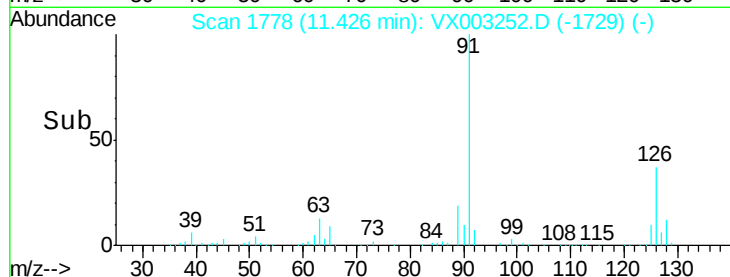
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Abundance Ion 91.00 (90.70 to 91.70): VX003242.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX003242.D (-1773) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.26 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003252.D

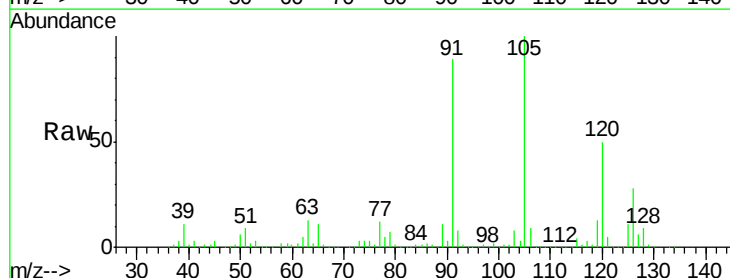
Acq: 09 Jul 2018 18:44

Tgt Ion: 105 Resp: 712761

Ion Ratio Lower Upper

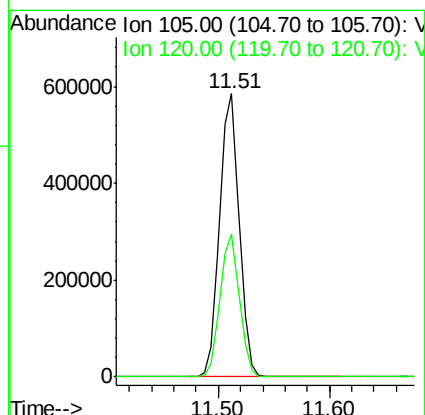
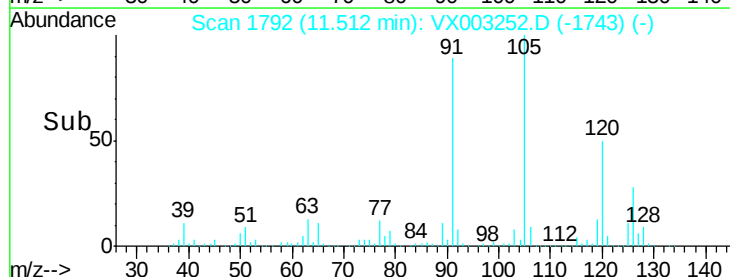
105 100

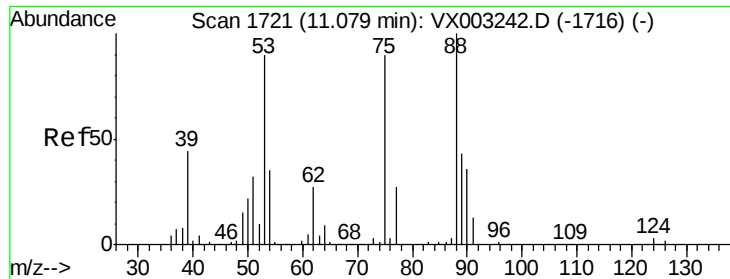
120 49.8 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX003242.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX003242.D (-1785) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.78 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX003252.D

Acq: 09 Jul 2018 18:44

Instrument :

MSVOA_X

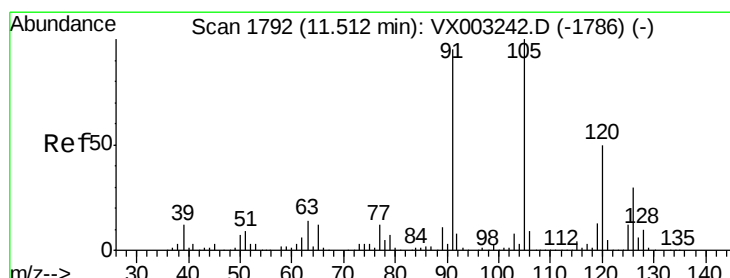
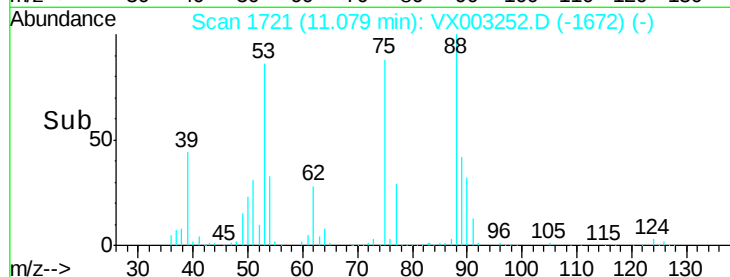
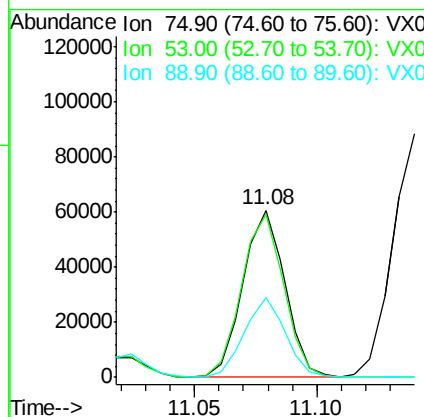
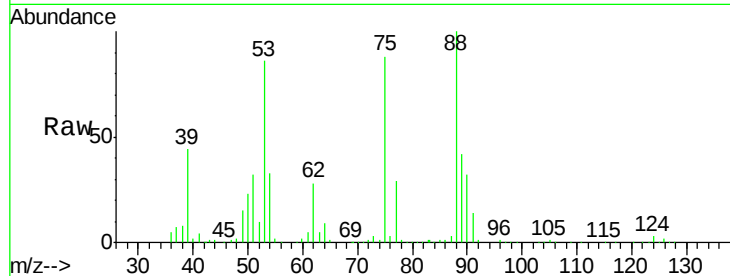
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	72423
Ion	Ratio	Lower	Upper
75	100		
53	99.3	86.8	130.2
89	47.4	38.2	57.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 48.67 ug/l

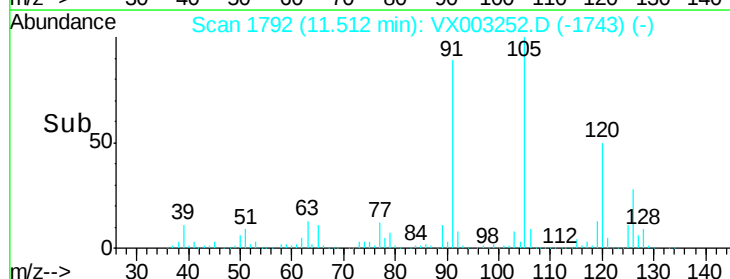
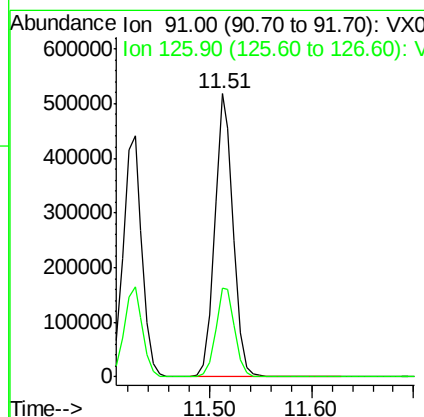
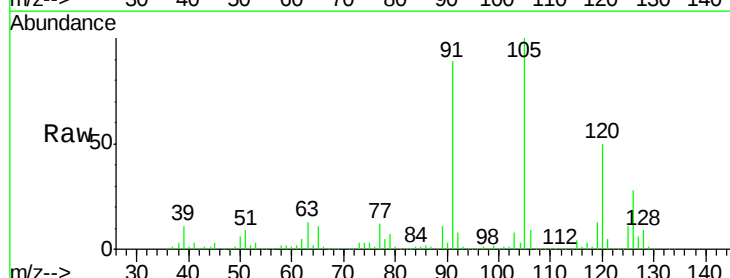
RT: 11.51 min Scan# 1792

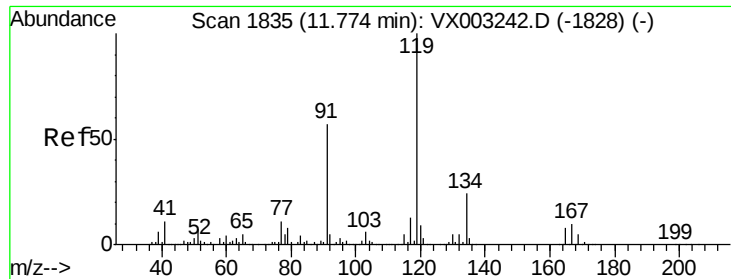
Delta R.T. -0.00 min

Lab File: VX003252.D

Acq: 09 Jul 2018 18:44

Tgt Ion:	91	Resp:	655555
Ion	Ratio	Lower	Upper
91	100		
126	32.6	15.4	46.4





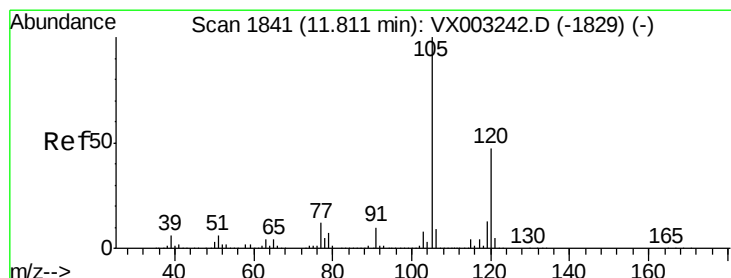
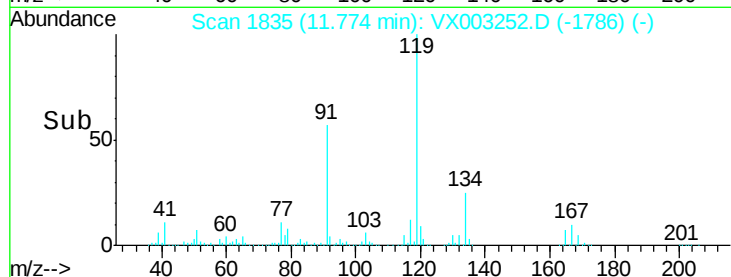
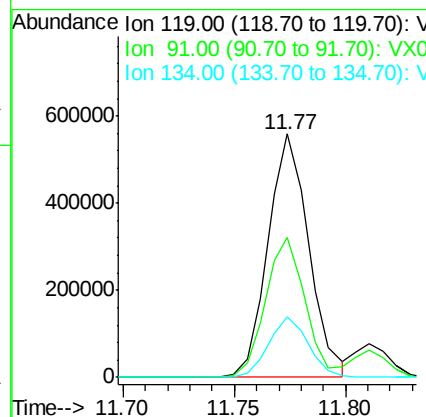
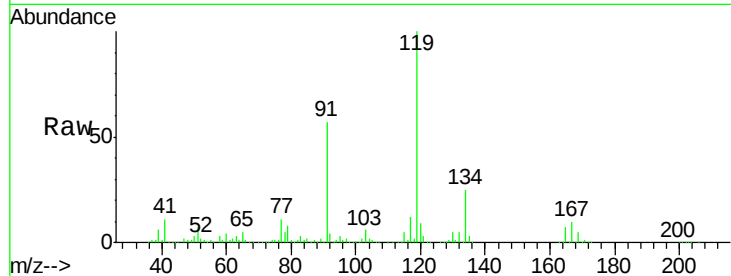
#83
 tert-Butylbenzene
 Concen: 50.22 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX003252.D
 Acq: 09 Jul 2018 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	711387		
91	56.4	30.3	90.9	
134	23.8	11.7	35.1	

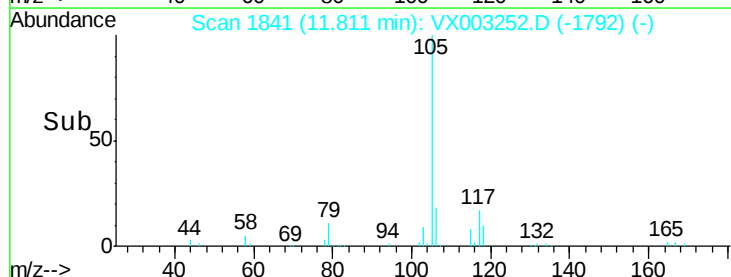
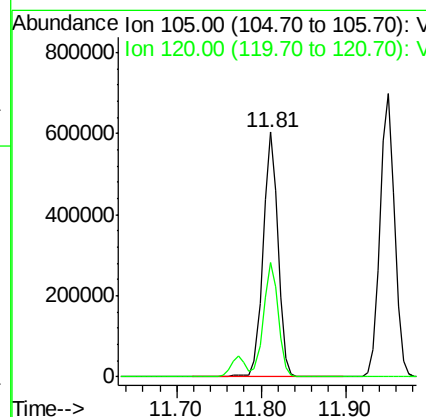
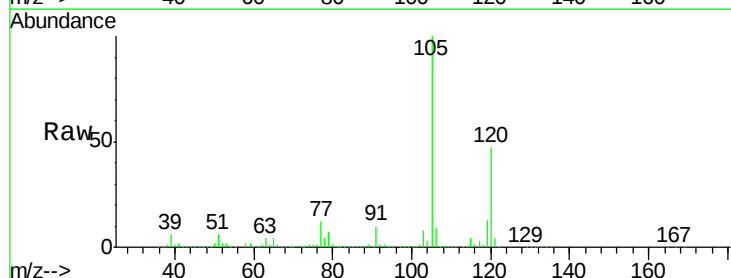
Manual Integrations
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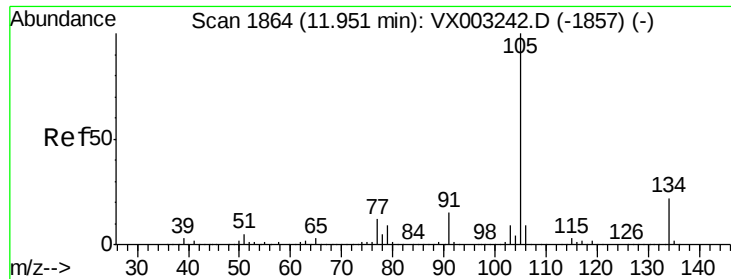
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.29 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX003252.D
 Acq: 09 Jul 2018 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	730191		
120	46.5	22.3	66.8	





#85

sec-Butylbenzene

Concen: 50.33 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003252.D

Acq: 09 Jul 2018 18:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 842619

Ion Ratio Lower Upper

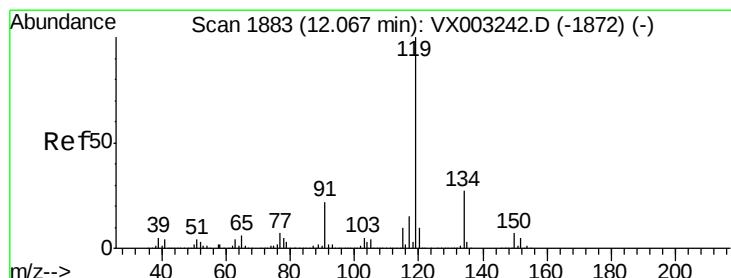
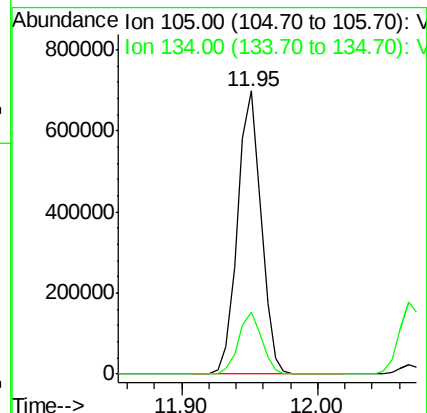
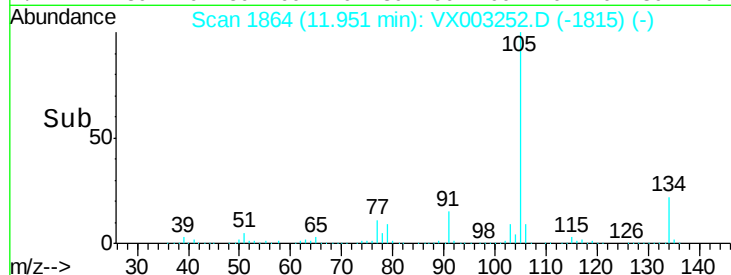
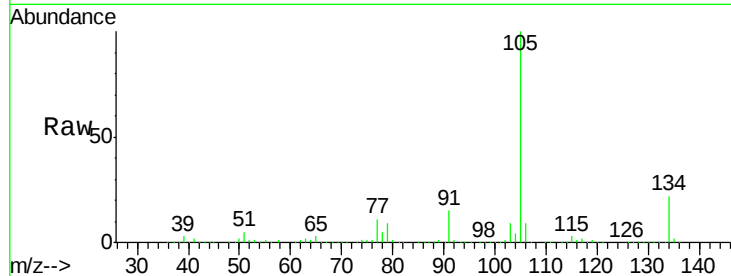
105 100

134 21.5 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 50.53 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003252.D

Acq: 09 Jul 2018 18:44

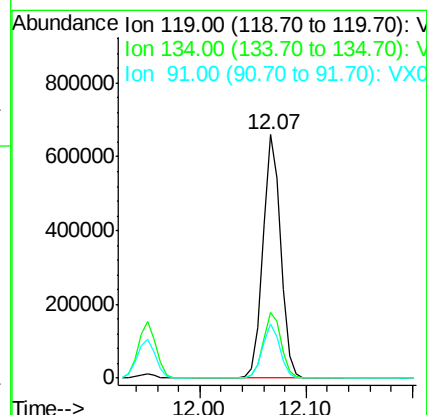
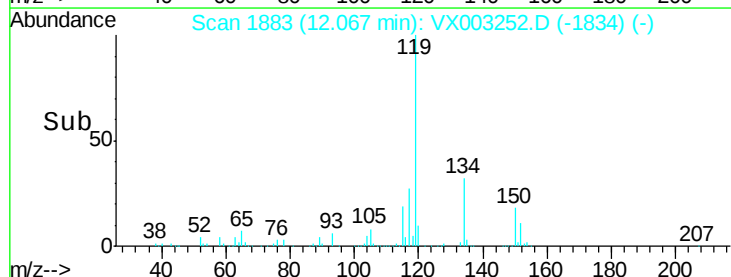
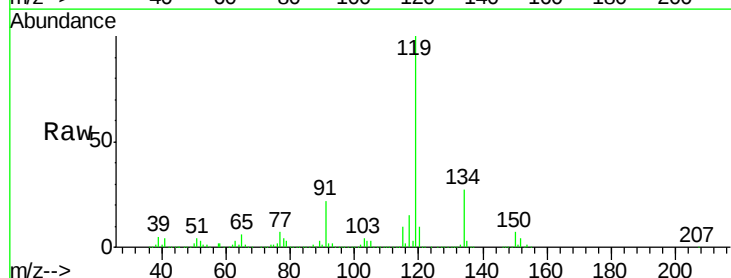
Tgt Ion:119 Resp: 770750

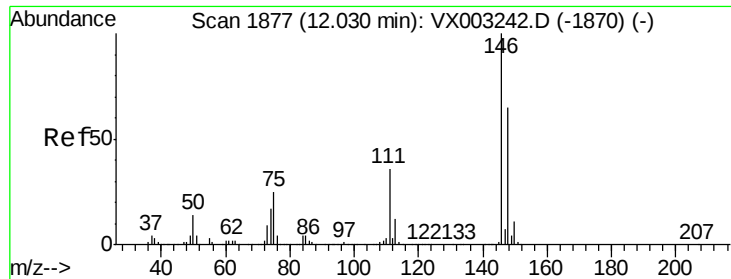
Ion Ratio Lower Upper

119 100

134 27.4 13.4 40.1

91 22.1 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 48.45 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX003252.D

Acq: 09 Jul 2018 18:44

Instrument :

MSVOA_X

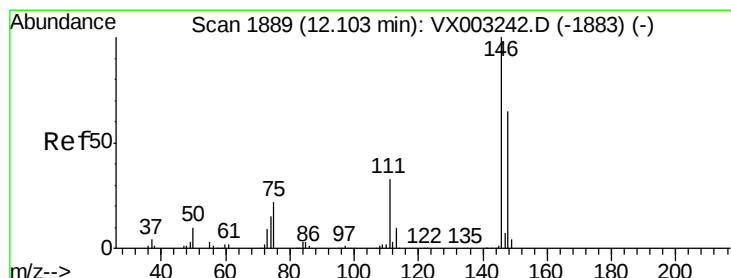
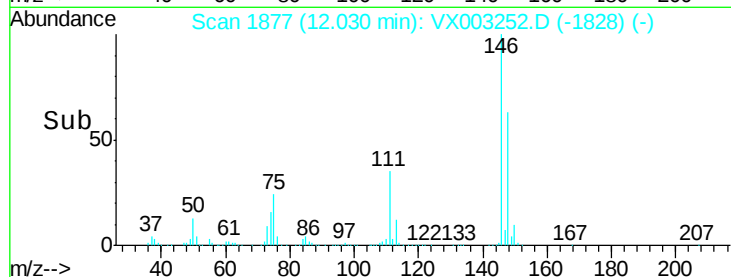
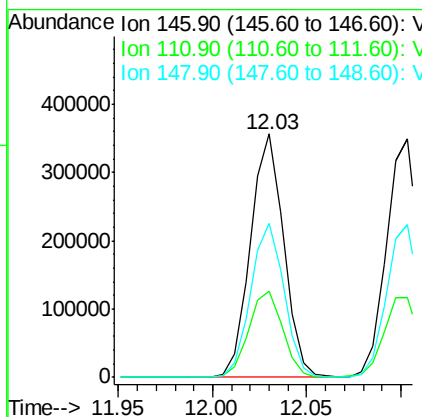
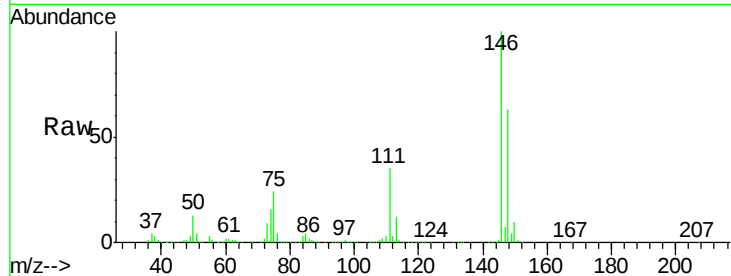
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	436962
Ion Ratio	Lower	Upper	
146	100		
111	36.3	18.9	56.7
148	63.5	32.1	96.3

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#88

1,4-Dichlorobenzene

Concen: 47.90 ug/l

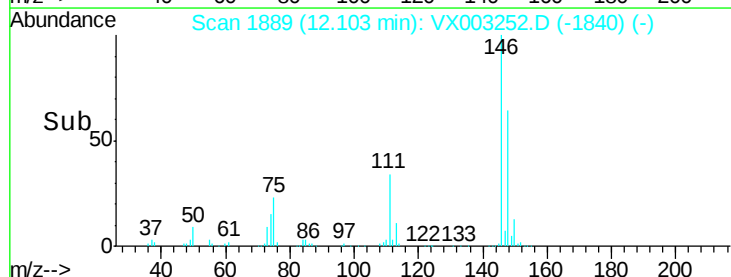
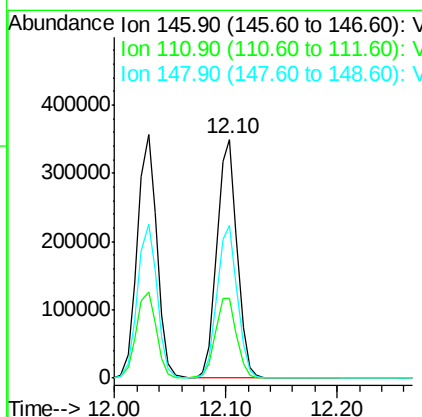
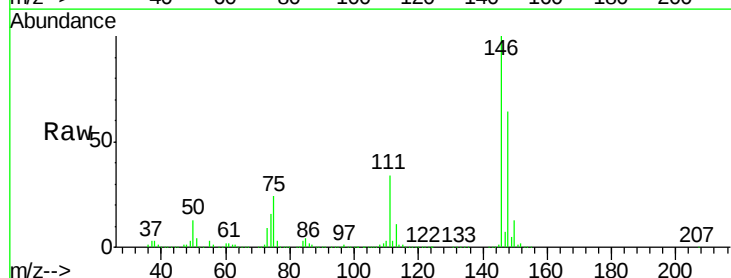
RT: 12.10 min Scan# 1889

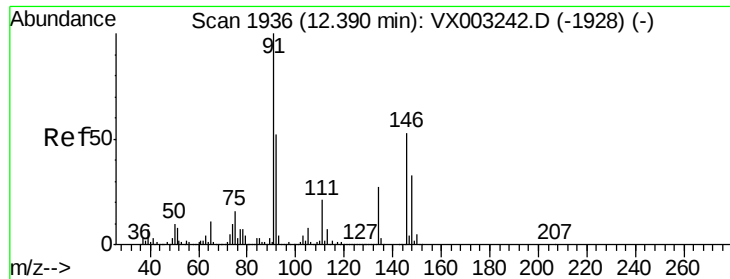
Delta R.T. -0.00 min

Lab File: VX003252.D

Acq: 09 Jul 2018 18:44

Tgt Ion:	146	Resp:	437418
Ion Ratio	Lower	Upper	
146	100		
111	35.2	18.7	56.1
148	64.3	32.4	97.0





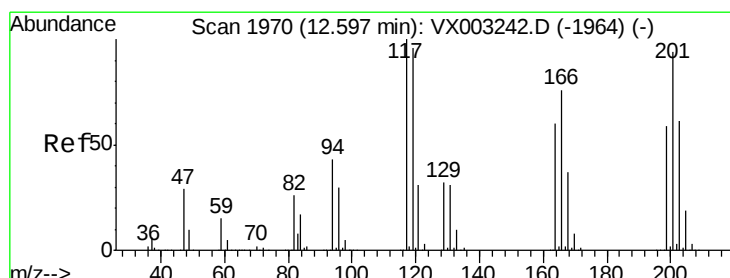
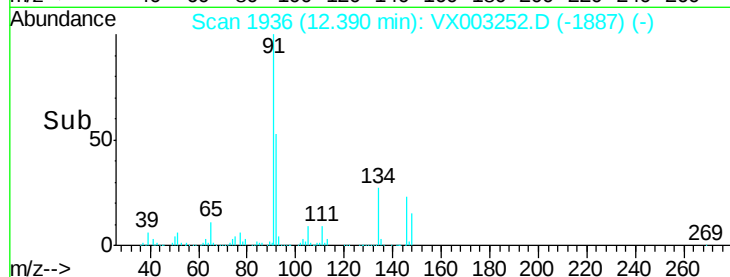
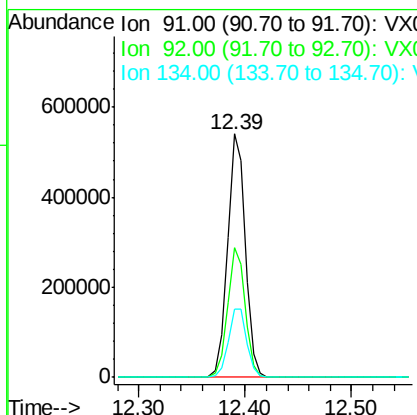
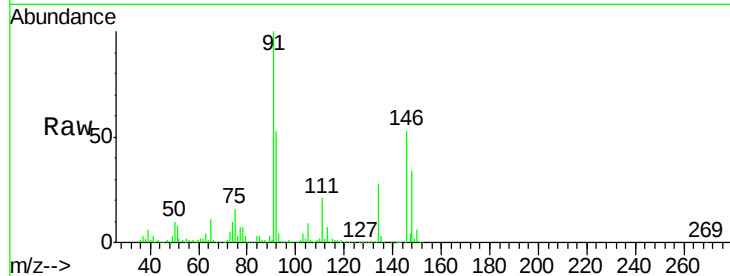
#89
n-Butylbenzene
Concen: 49.37 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.0	78.0
134	29.2	13.5	40.5

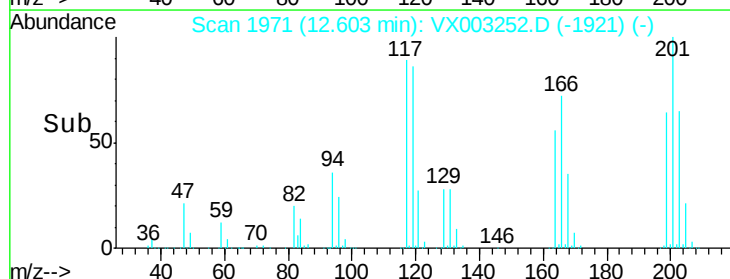
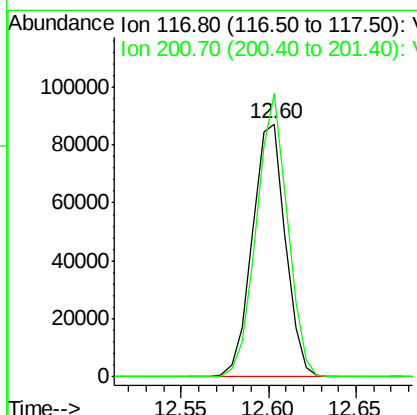
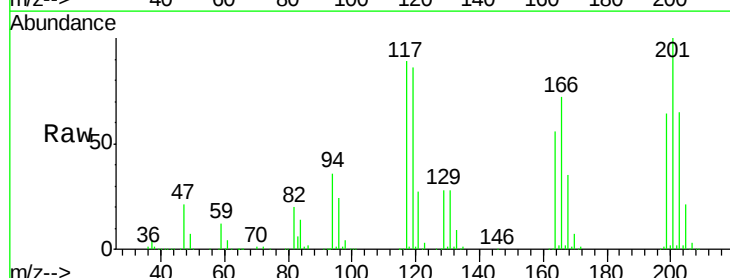
Manual Integrations
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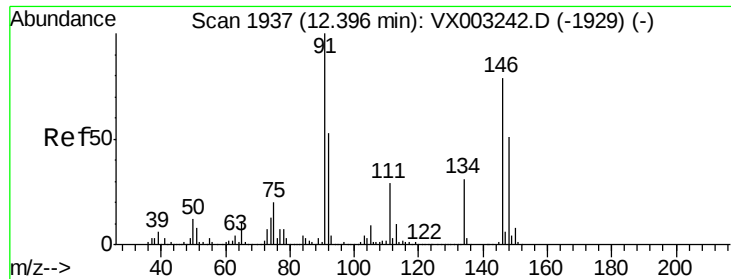
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#90
Hexachloroethane
Concen: 49.28 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.01 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	104.9	49.0	147.0





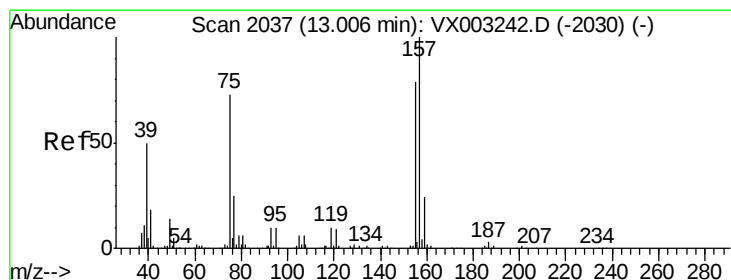
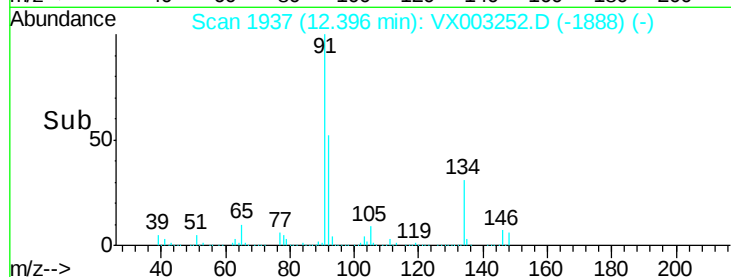
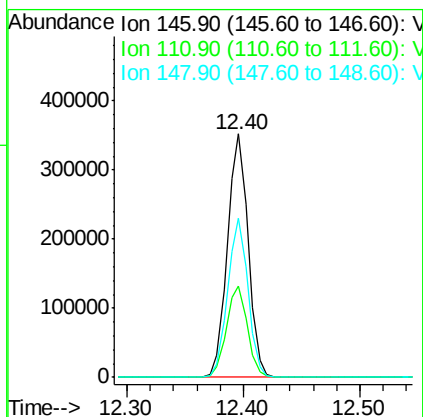
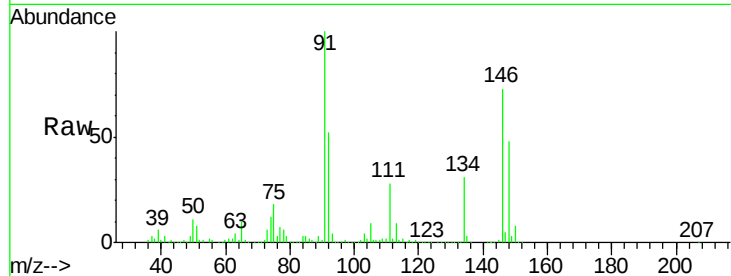
#91
 1,2-Dichlorobenzene
 Concen: 47.99 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003252.D
 Acq: 09 Jul 2018 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.4	58.1
148	64.4	31.7	95.1

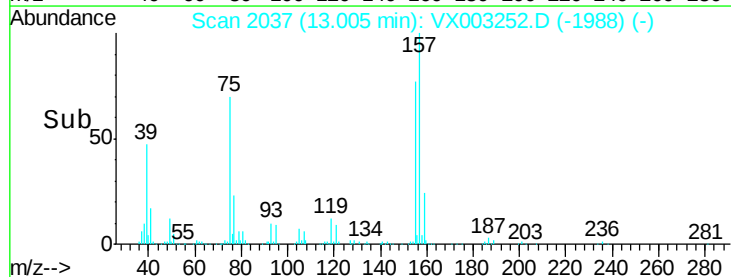
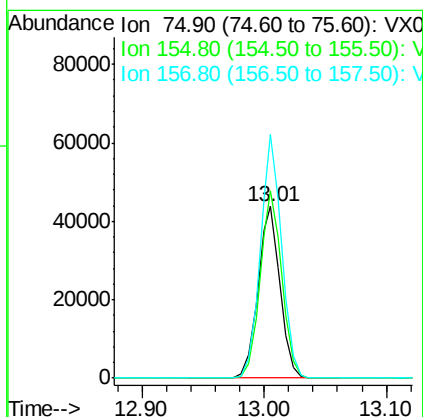
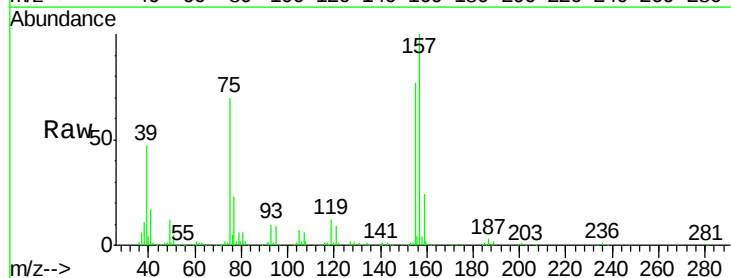
Manual Integrations
 APPROVED

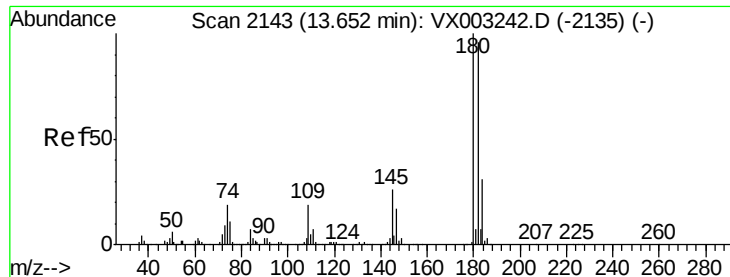
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.56 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003252.D
 Acq: 09 Jul 2018 18:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	107.2	45.8	137.4
157	136.9	60.1	180.3





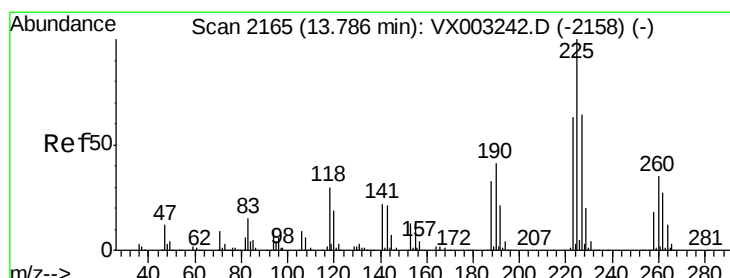
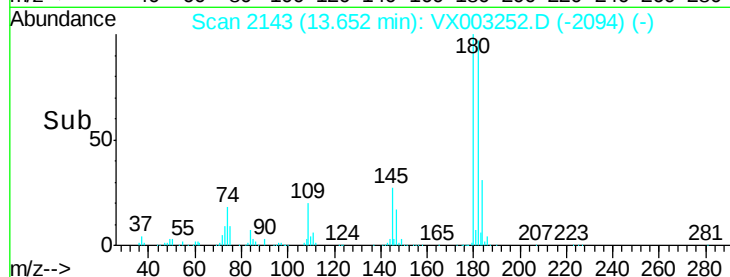
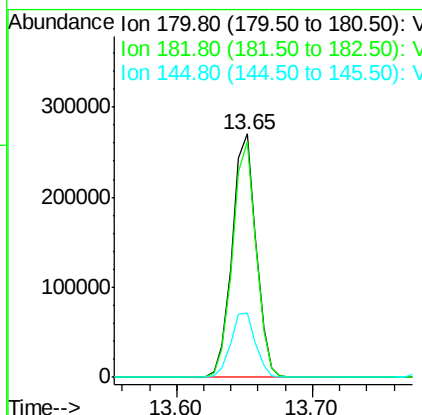
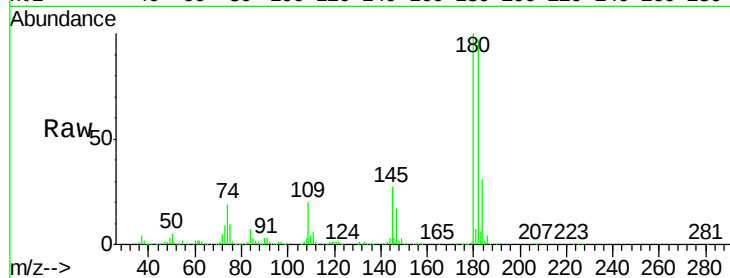
#93
 1,2,4-Trichlorobenzene
 Concen: 49.89 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003252.D
 Acq: 09 Jul 2018 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.7	47.7	143.1	
145	27.4	14.1	42.4	

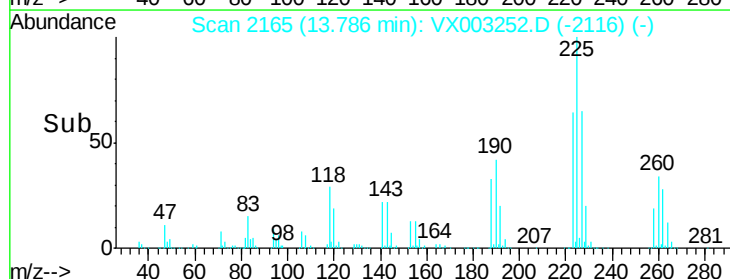
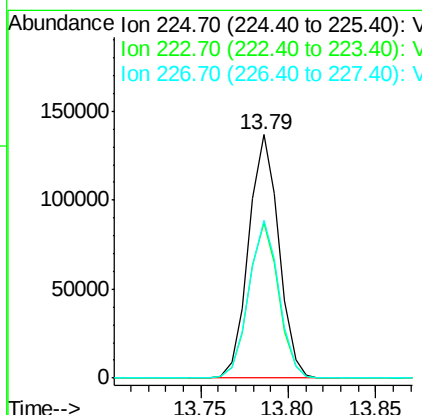
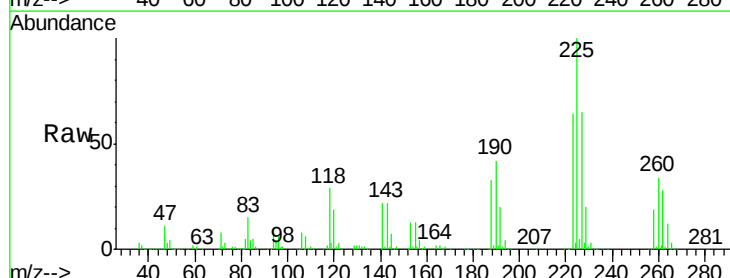
Manual Integrations
 APPROVED

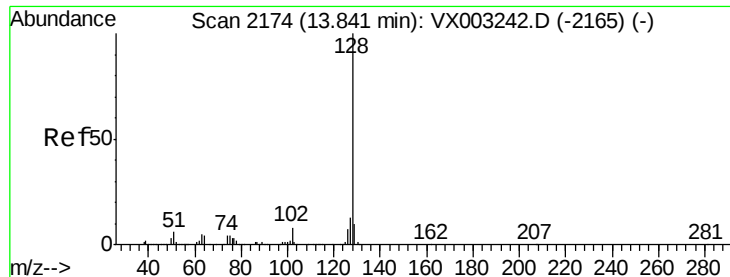
MMDadoda
 7/10/2018 3:11:49 PM



#94
 Hexachlorobutadiene
 Concen: 49.67 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003252.D
 Acq: 09 Jul 2018 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.4	31.6	95.0	
227	64.4	32.4	97.2	





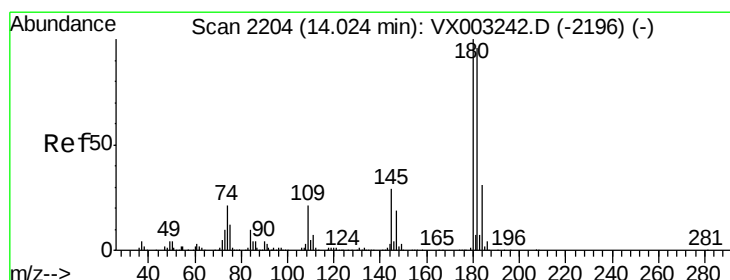
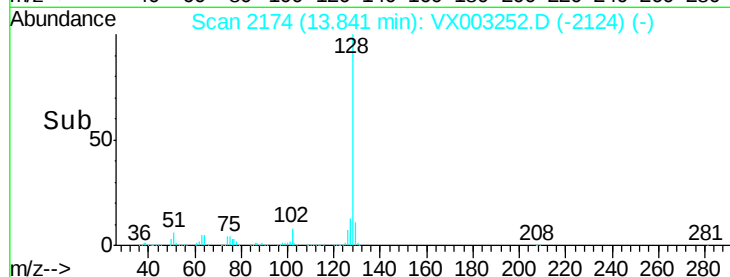
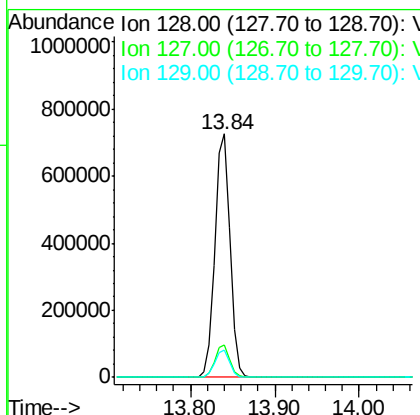
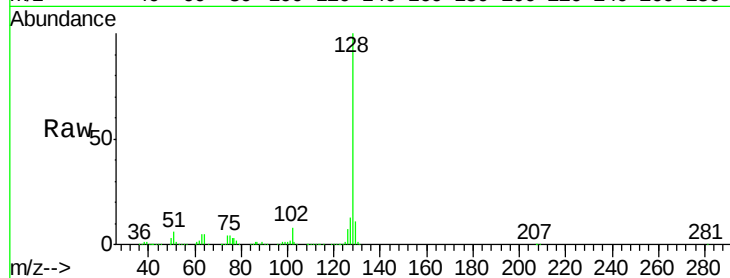
#95
Naphthalene
Concen: 52.48 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.01 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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

Manual Integrations
APPROVED

MMDadoda
7/10/2018 3:11:49 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.92 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX003252.D
Acq: 09 Jul 2018 18:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.0	144.0
145	28.6	14.8	44.3

