

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080618\
 Data File : VX003867.D
 Acq On : 06 Aug 2018 17:47
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 8/7/2018 1:12:56 PM

Quant Time: Aug 07 07:22:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 06:57:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	361123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	531519	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	465693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	260347	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	239825	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
35) Dibromofluoromethane	5.50	113	202868	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
50) Toluene-d8	8.72	98	796181	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
62) 4-Bromofluorobenzene	11.14	95	245168	44.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.06%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	188956	53.28	ug/l	100
3) Chloromethane	1.32	50	240499	41.41	ug/l	100
4) Vinyl Chloride	1.40	62	245425	53.31	ug/l	100
5) Bromomethane	1.64	94	142535	57.47	ug/l	100
6) Chloroethane	1.71	64	166489	63.15	ug/l	100
7) Trichlorofluoromethane	1.92	101	321590	54.48	ug/l	100
8) Diethyl Ether	2.19	74	144011	55.99	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	195990	52.43	ug/l	100
10) Methyl Iodide	2.51	142	262259	52.51	ug/l	100
11) Tert butyl alcohol	3.08	59	283886	275.88	ug/l	100
12) 1,1-Dichloroethene	2.37	96	188170	52.01	ug/l	100
13) Acrolein	2.29	56	145975	186.23	ug/l	100
14) Allyl chloride	2.73	41	374242	55.53	ug/l	100
15) Acrylonitrile	3.15	53	674366	275.07	ug/l	100
16) Acetone	2.45	43	685084	272.58	ug/l	100
17) Carbon Disulfide	2.56	76	540582	52.88	ug/l	100
18) Methyl Acetate	2.78	43	304365	52.87	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	678245	54.24	ug/l	100
20) Methylene Chloride	2.85	84	225180	51.31	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	207830	52.12	ug/l	100
22) Diisopropyl ether	3.87	45	666373	51.92	ug/l	100
23) Vinyl Acetate	3.82	43	2870290	269.91	ug/l	100
24) 1,1-Dichloroethane	3.70	63	400263	55.04	ug/l	100
25) 2-Butanone	4.71	43	1078864	257.98	ug/l	100
26) 2,2-Dichloropropane	4.58	77	285003	57.00	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	229845	51.04	ug/l	100
28) Bromochloromethane	5.02	49	174031	51.64	ug/l	100
29) Tetrahydrofuran	5.17	42	550722	258.40	ug/l	100
30) Chloroform	5.21	83	380058	50.91	ug/l	100
31) Cyclohexane	5.57	56	342734	54.36	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	324621	52.11	ug/l	100
36) 1,1-Dichloropropene	5.80	75	288884	50.19	ug/l	100
37) Ethyl Acetate	4.87	43	325427	49.65	ug/l	100
38) Carbon Tetrachloride	5.78	117	284739	49.78	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	346034	52.55	ug/l	100
40) Benzene	6.14	78	872098	49.46	ug/l	100
41) Methacrylonitrile	5.07	41	178649	50.50	ug/l	100
42) 1,2-Dichloroethane	6.20	62	295212	50.04	ug/l	100
43) Isopropyl Acetate	6.47	43	496857	50.53	ug/l	100
44) Trichloroethene	7.21	130	232421	48.83	ug/l	100
45) 1,2-Dichloropropane	7.52	63	227655	49.88	ug/l	100
46) Dibromomethane	7.67	93	146060	49.83	ug/l	100
47) Bromodichloromethane	7.90	83	284510	51.37	ug/l	100
48) Methyl methacrylate	7.78	41	260009	52.33	ug/l	100
49) 1,4-Dioxane	7.76	88	121933	1037.02	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	2102409	256.65	ug/l	100
52) Toluene	8.79	92	569454	52.24	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	327239	54.00	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	356661	53.93	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	228822	49.99	ug/l	100
56) Ethyl methacrylate	9.18	69	350726	54.67	ug/l	100
57) 1,3-Dichloropropane	9.37	76	372281	50.09	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	874585	266.96	ug/l	100
59) 2-Hexanone	9.50	43	1585237	253.76	ug/l	100
60) Dibromochloromethane	9.59	129	223099	50.14	ug/l	100
61) 1,2-Dibromoethane	9.68	107	229743	49.27	ug/l	100
64) Tetrachloroethene	9.34	164	217665	50.48	ug/l	100
65) Chlorobenzene	10.14	112	606475	52.24	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	217752	53.45	ug/l	100
67) Ethyl Benzene	10.26	91	1013604	54.29	ug/l	100
68) m/p-Xylenes	10.36	106	790556	108.57	ug/l	100
69) o-Xylene	10.70	106	382742	54.73	ug/l	100
70) Styrene	10.71	104	626513	54.44	ug/l	100
71) Bromoform	10.86	173	164945	49.82	ug/l	100
73) Isopropylbenzene	11.02	105	1020296	58.66	ug/l	100
74) N-amyl acetate	6.47	43	496857	58.27	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	308324	50.61	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	275909m	52.27	ug/l	
77) Bromobenzene	11.26	156	240428	50.61	ug/l	100
78) n-propylbenzene	11.36	91	1071802	55.34	ug/l	100
79) 2-Chlorotoluene	11.42	91	628202	53.10	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	774948	54.55	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	98221	58.04	ug/l	100
82) 4-Chlorotoluene	11.51	91	740868	54.10	ug/l	100
83) tert-Butylbenzene	11.77	119	780234	54.19	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	802165	54.77	ug/l	100
85) sec-Butylbenzene	11.95	105	936051	55.60	ug/l	100
86) p-Isopropyltoluene	12.07	119	842194	55.55	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	449973	50.58	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	455110	49.60	ug/l	100
89) n-Butylbenzene	12.39	91	726118	55.51	ug/l	100
90) Hexachloroethane	12.60	117	134760	54.81	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	453616	50.09	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	68824	51.23	ug/l	100

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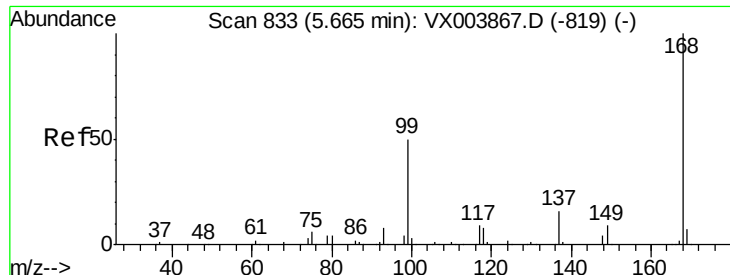
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	330845	51.52	ug/l	100
94) Hexachlorobutadiene	13.79	225	147421	47.50	ug/l	100
95) Naphthalene	13.83	128	1037358	55.69	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	334616	50.37	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 361123

Ion Ratio Lower Upper

168 100

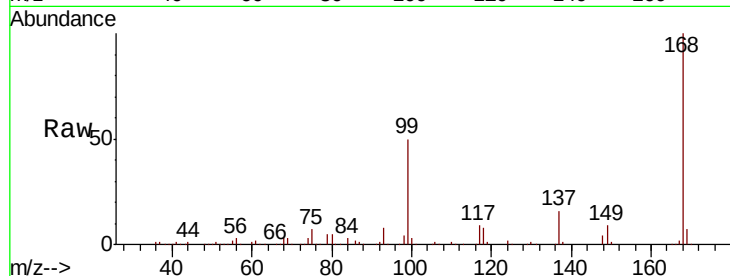
99 50.1 40.1 60.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

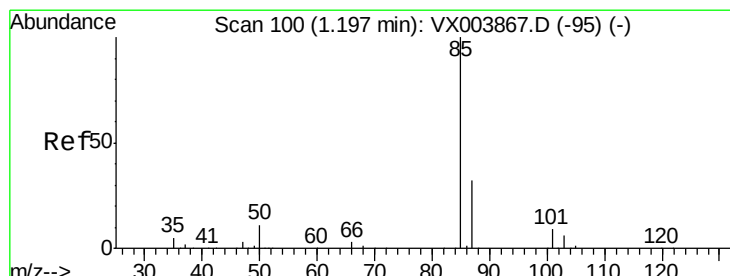
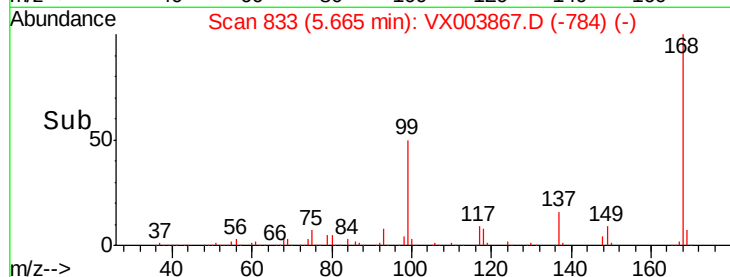
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 53.28 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003867.D

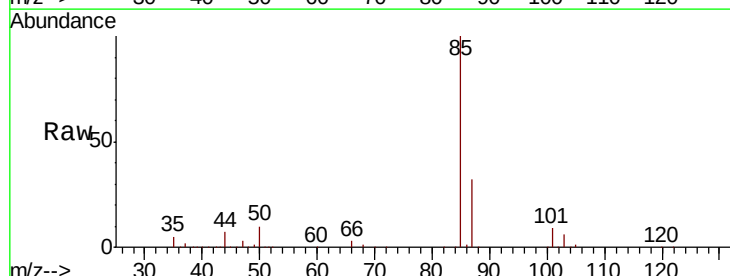
Acq: 06 Aug 2018 17:47

Tgt Ion: 85 Resp: 188956

Ion Ratio Lower Upper

85 100

87 32.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

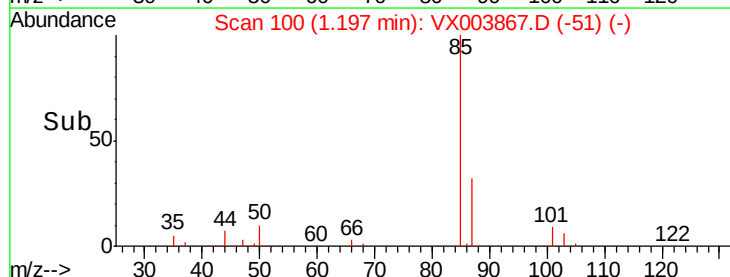
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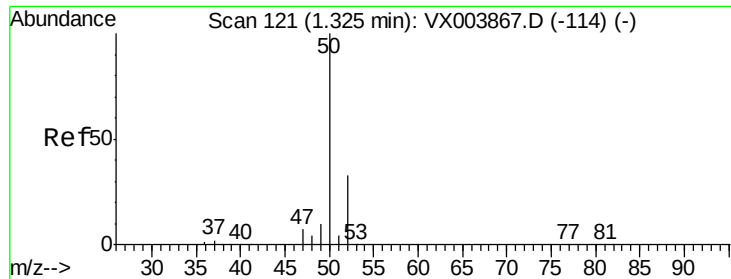
100000

50000

0

Time-->





#3

Chloromethane

Concen: 41.41 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 240499

Ion Ratio Lower Upper

50 100

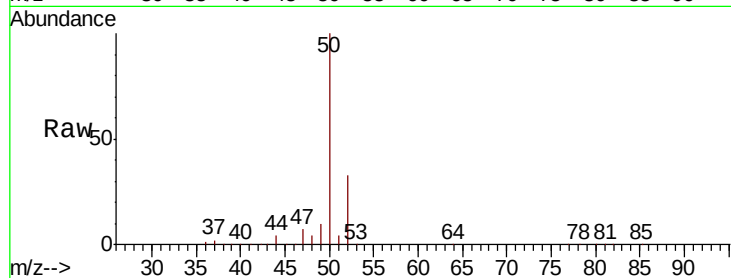
52 33.2 26.6 39.8

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

200000

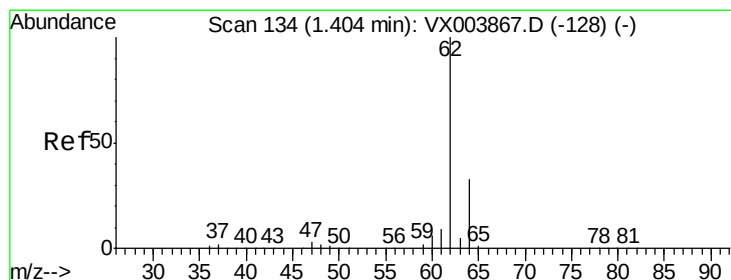
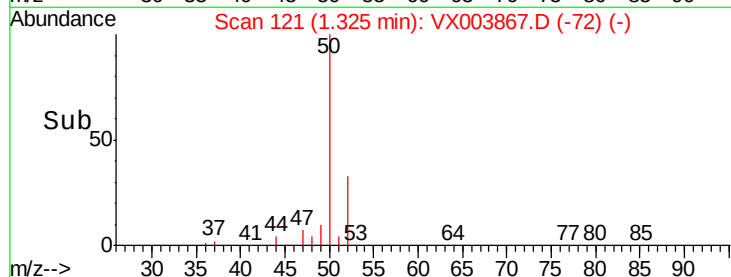
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 53.31 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003867.D

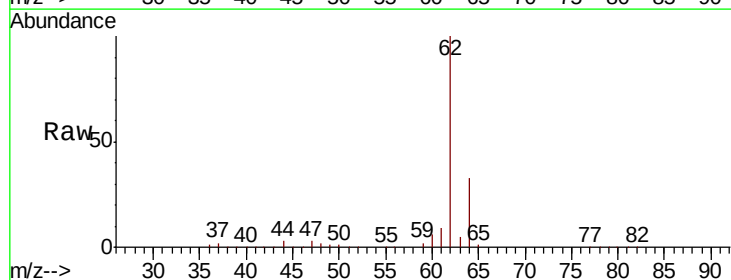
Acq: 06 Aug 2018 17:47

Tgt Ion: 62 Resp: 245425

Ion Ratio Lower Upper

62 100

64 32.5 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

250000

200000

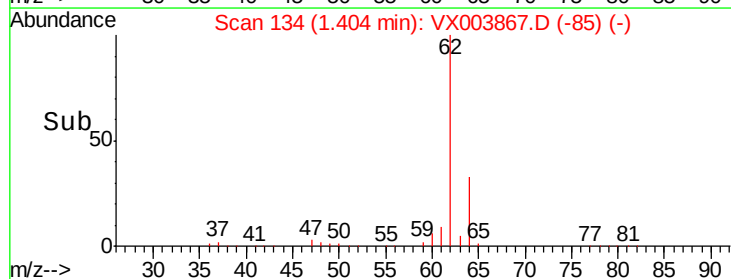
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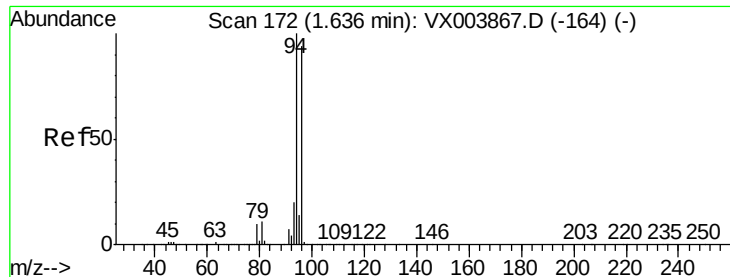
100000

50000

0

Time-->





#5

Bromomethane

Concen: 57.47 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 142535

Ion Ratio Lower Upper

94 100

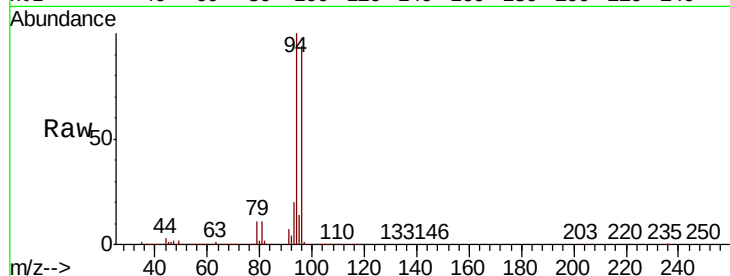
96 94.0 75.2 112.8

Manual Integrations

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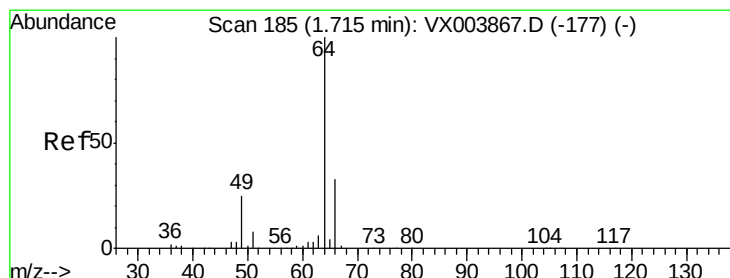
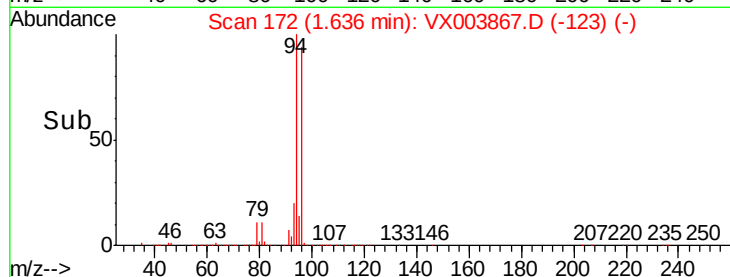
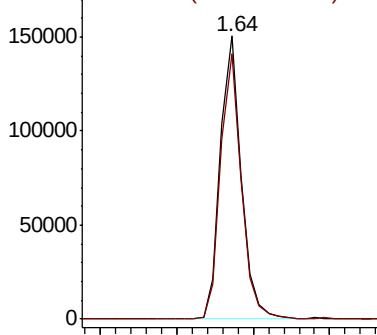
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 63.15 ug/l

RT: 1.71 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003867.D

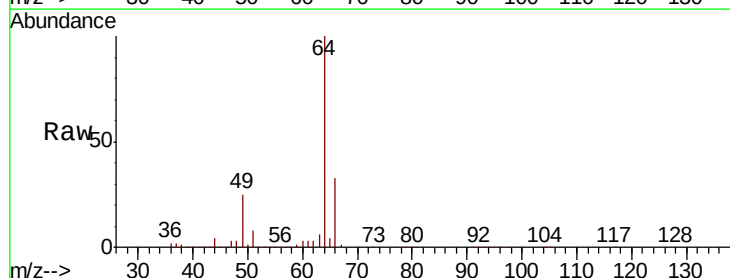
Acq: 06 Aug 2018 17:47

Tgt Ion: 64 Resp: 166489

Ion Ratio Lower Upper

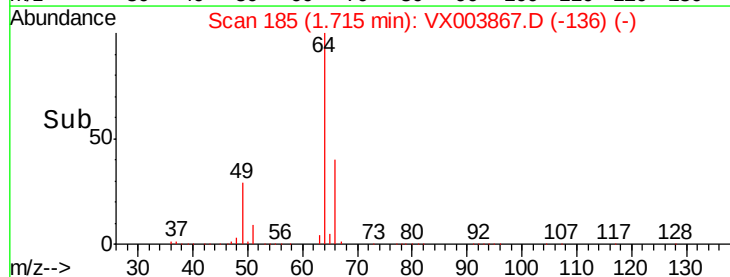
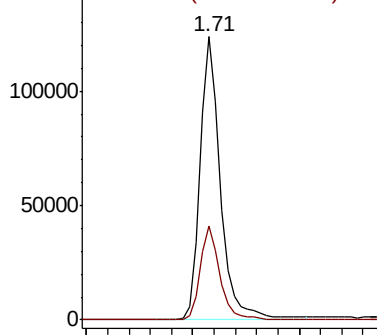
64 100

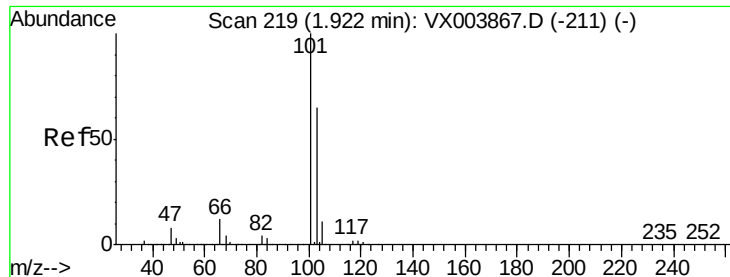
66 33.1 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

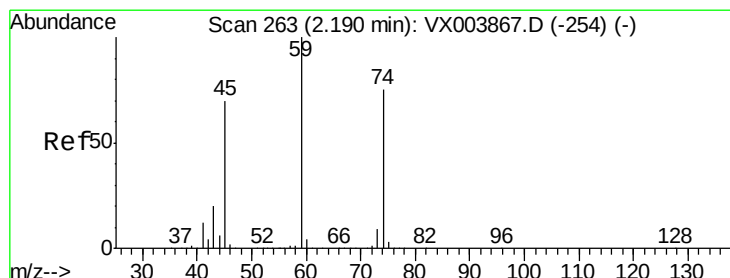
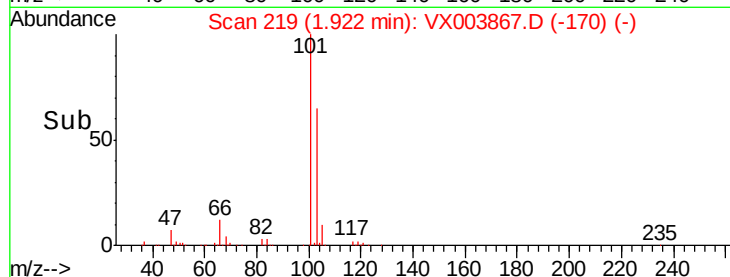
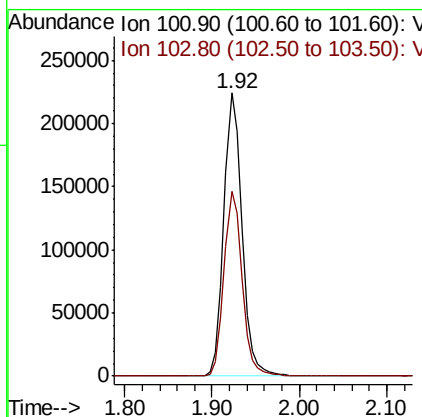
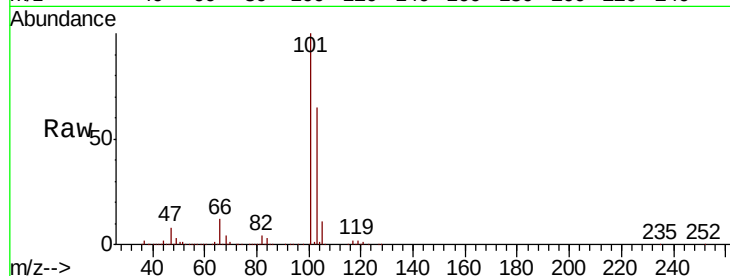
Trichlorofluoromethane
 Concen: 54.48 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX003867.D
 Acq: 06 Aug 2018 17:47

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 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	52.3	78.5

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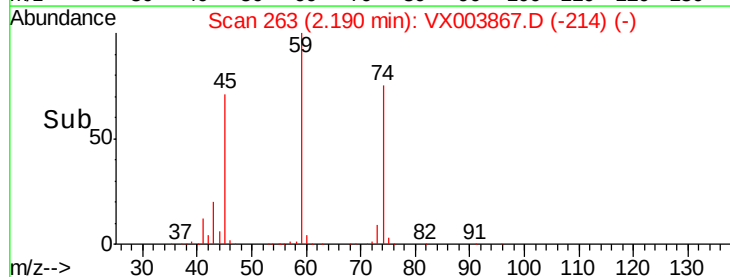
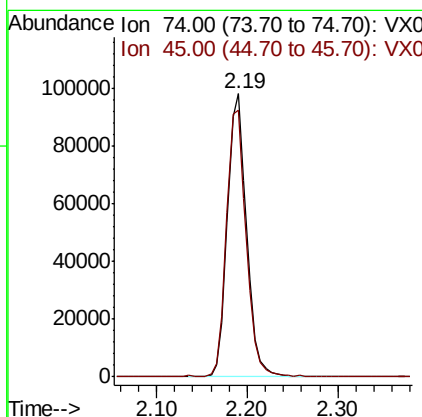
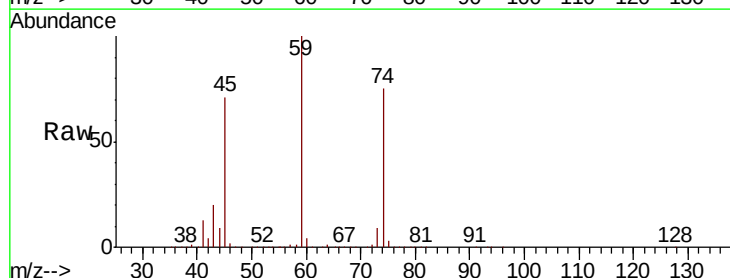
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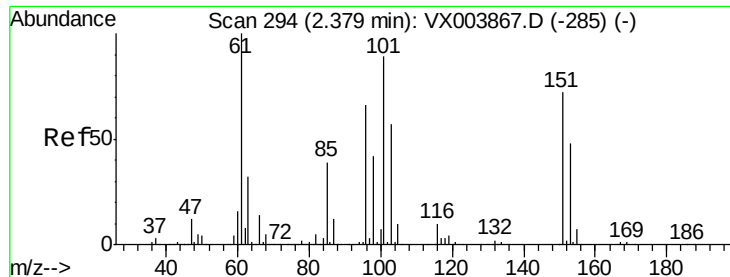


#8

Diethyl Ether
 Concen: 55.99 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003867.D
 Acq: 06 Aug 2018 17:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.6	48.3	144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.43 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

Instrument :

MSVOA_X

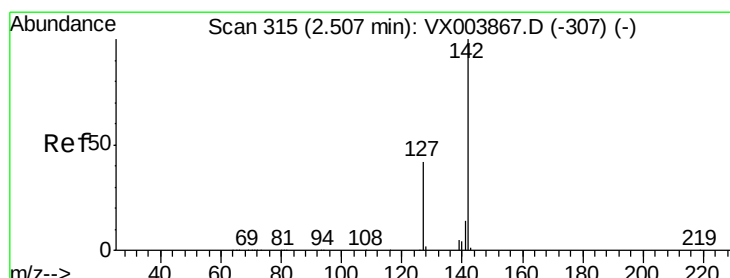
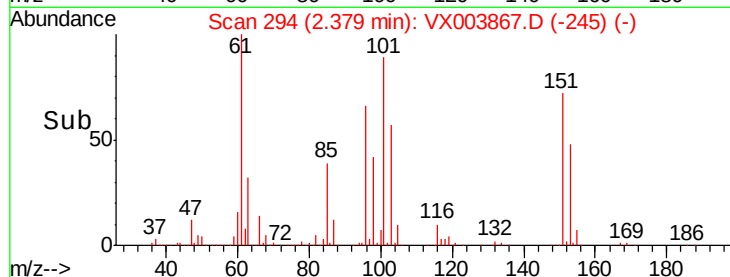
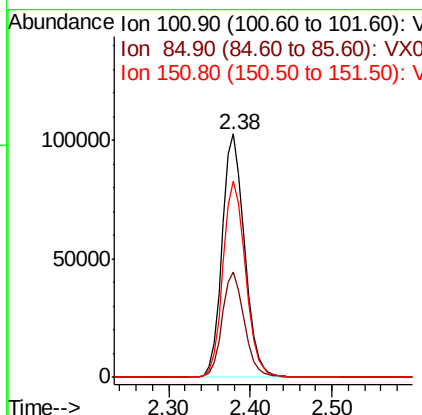
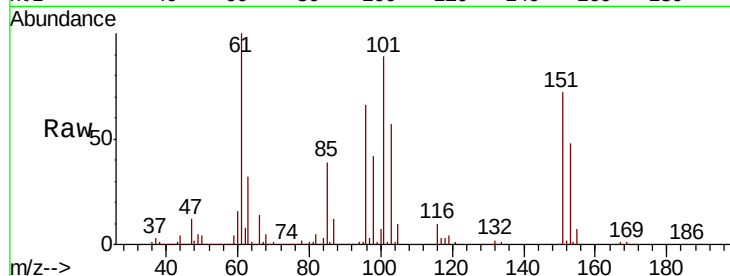
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	195990
Ion Ratio	Lower	Upper	
101	100		
85	42.8	34.2	51.4
151	81.2	65.0	97.4

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#10

Methyl Iodide

Concen: 52.51 ug/l

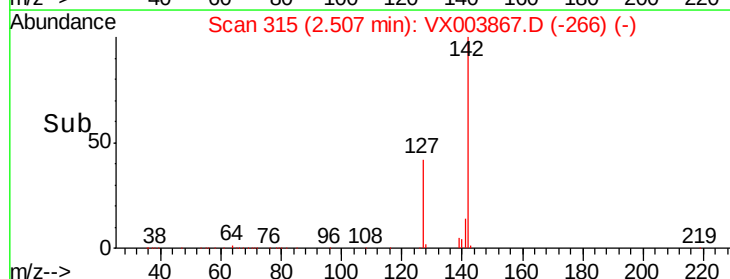
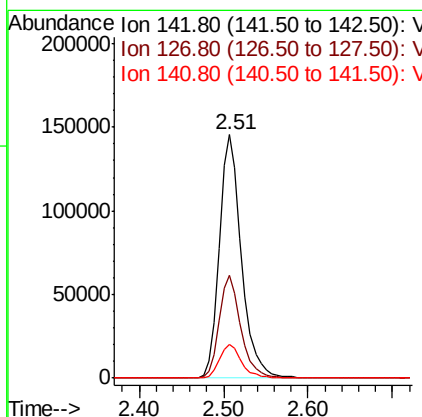
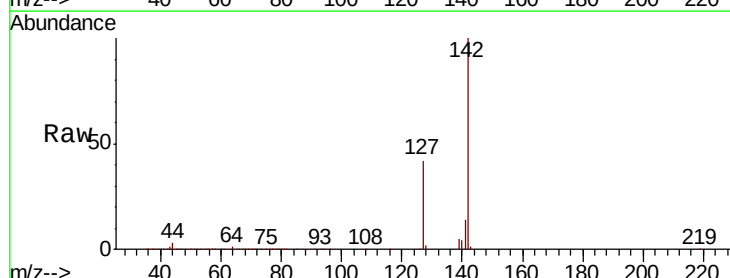
RT: 2.51 min Scan# 315

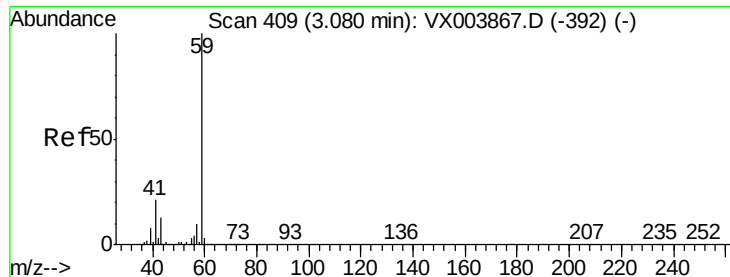
Delta R.T. 0.00 min

Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

Tgt Ion:	142	Resp:	262259
Ion Ratio	Lower	Upper	
142	100		
127	41.4	33.1	49.7
141	13.9	11.1	16.7





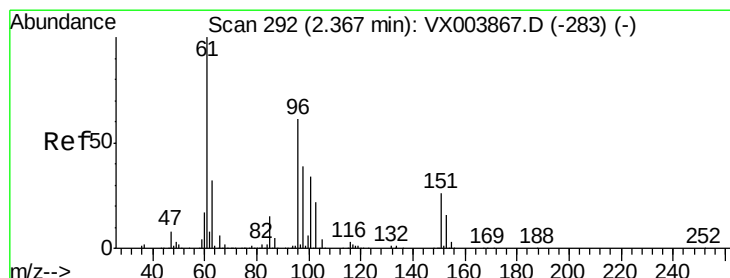
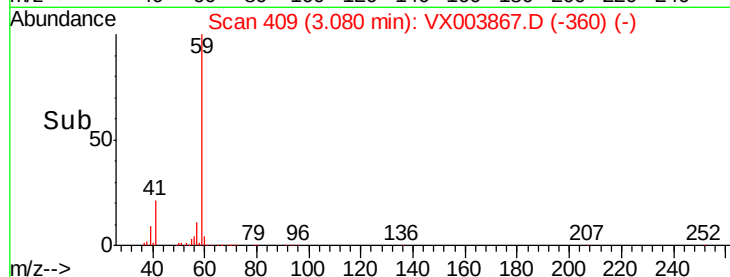
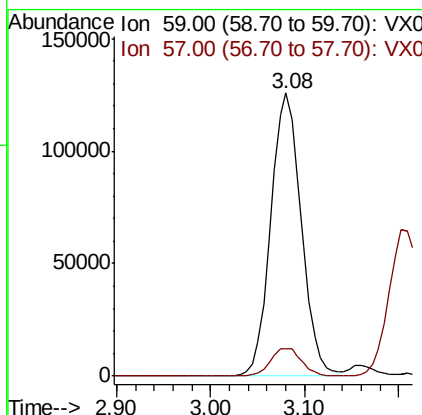
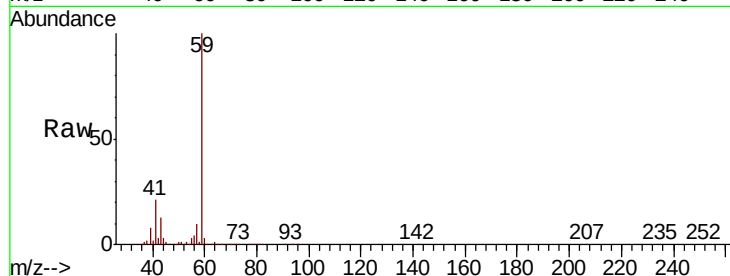
#11
Tert butyl alcohol
Concen: 275.88 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX003867.D
Acq: 06 Aug 2018 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.1	12.1

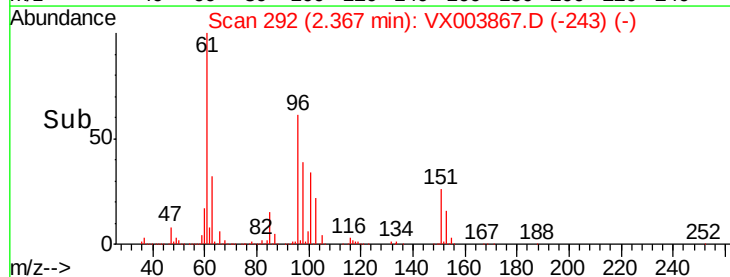
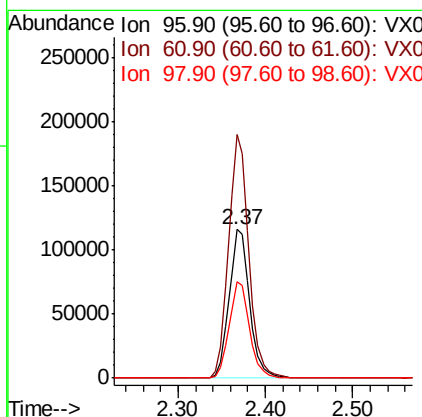
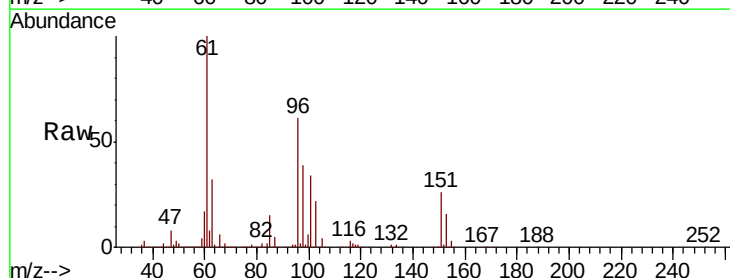
Manual Integrations
APPROVED

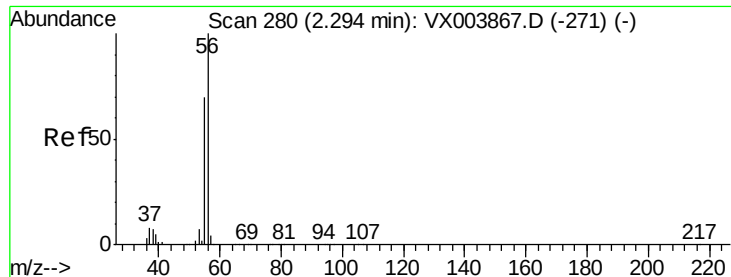
MMDadoda
8/7/2018 1:12:56 PM



#12
1,1-Dichloroethene
Concen: 52.01 ug/l
RT: 2.37 min Scan# 292
Delta R.T. 0.00 min
Lab File: VX003867.D
Acq: 06 Aug 2018 17:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.1	131.3	196.9
98	64.7	51.8	77.6





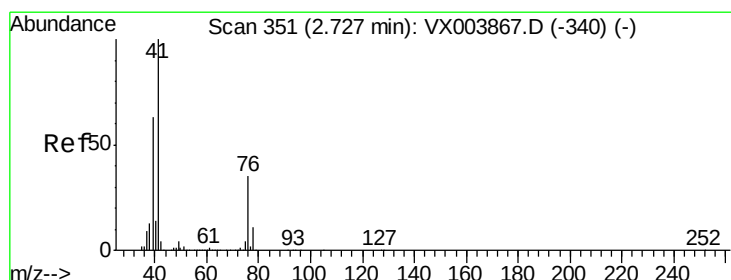
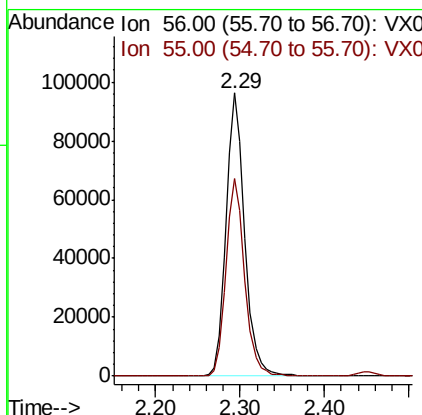
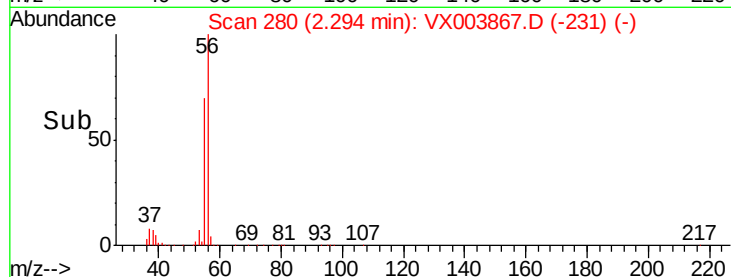
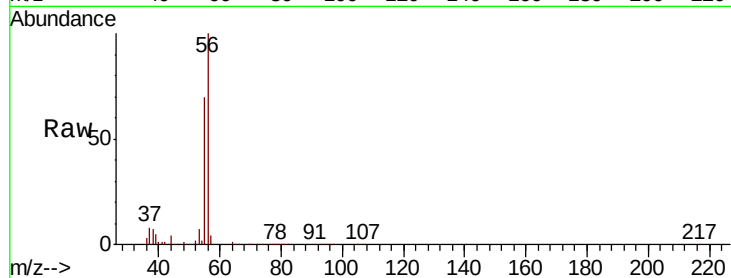
#13
 Acrolein
 Concen: 186.23 ug/l
 RT: 2.29 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX003867.D
 Acq: 06 Aug 2018 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.1	56.1	84.1

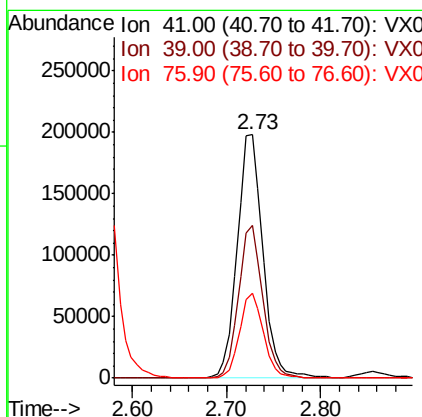
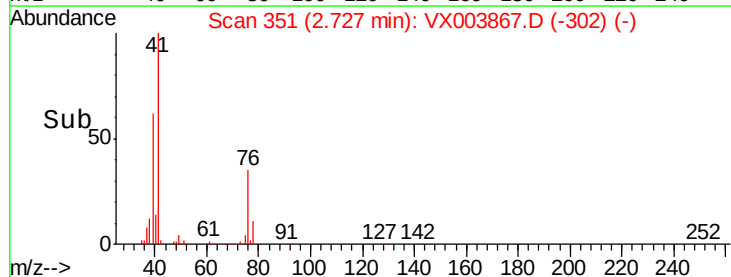
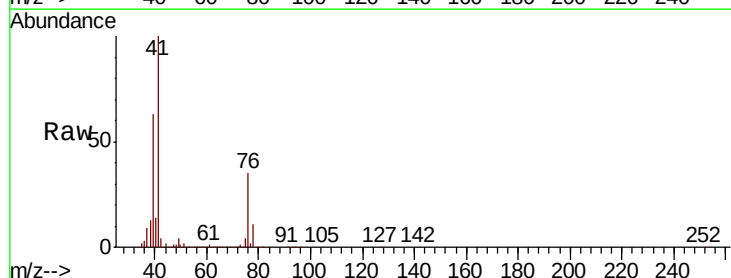
Manual Integrations
 APPROVED

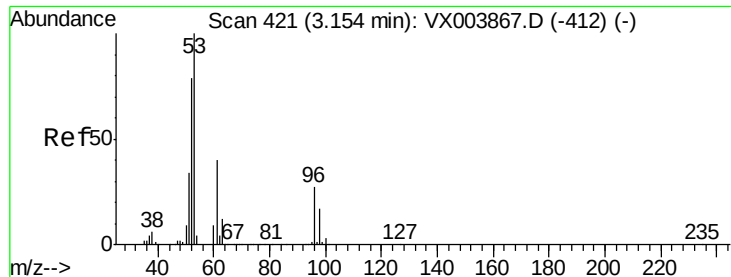
MMDadoda
 8/7/2018 1:12:56 PM



#14
 Allyl chloride
 Concen: 55.53 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX003867.D
 Acq: 06 Aug 2018 17:47

Tgt Ion	Ratio	Lower	Upper
41	100		
39	59.2	47.4	71.0
76	32.5	26.0	39.0





#15

Acrylonitrile

Concen: 275.07 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

Instrument :

MSVOA_X

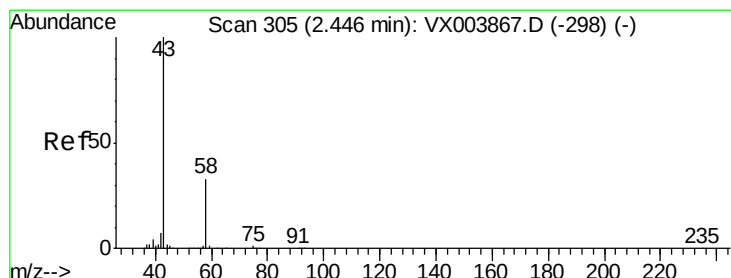
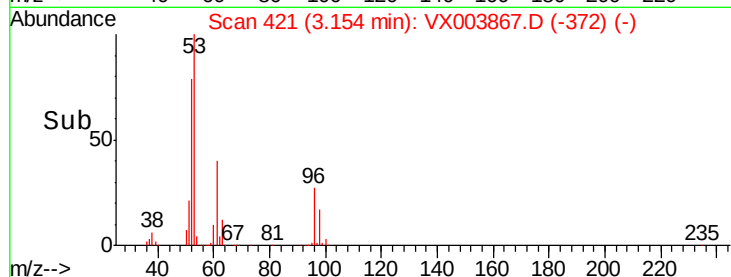
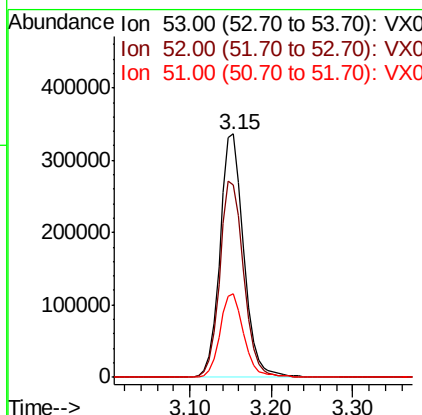
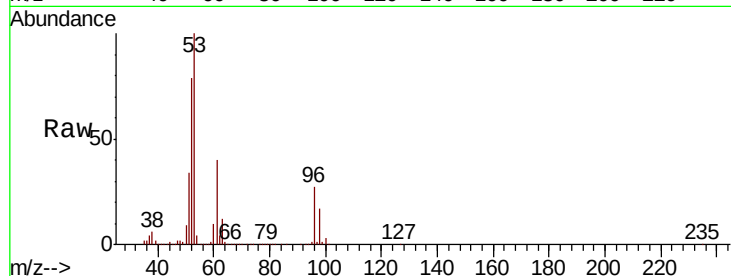
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	674366
Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.3	97.9
51	34.9	27.9	41.9

Manual Integrations
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#16

Acetone

Concen: 272.58 ug/l

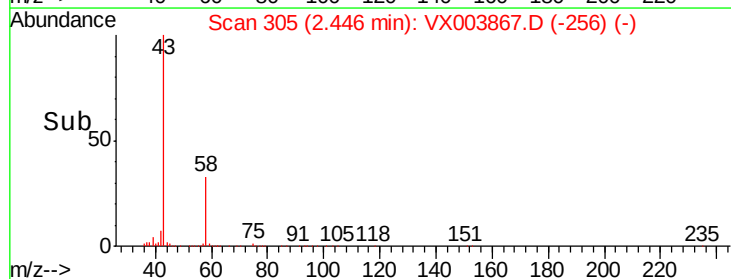
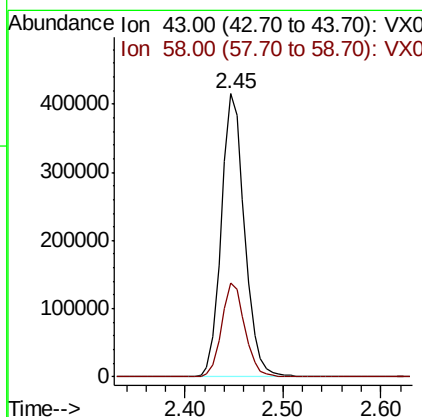
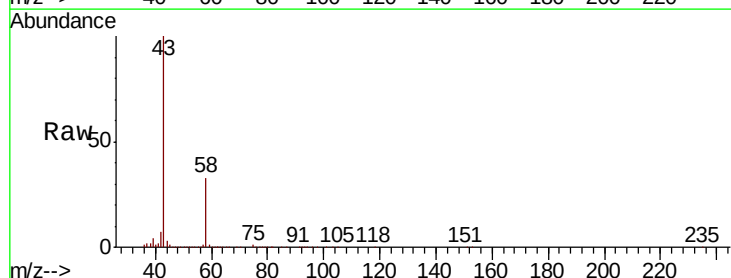
RT: 2.45 min Scan# 305

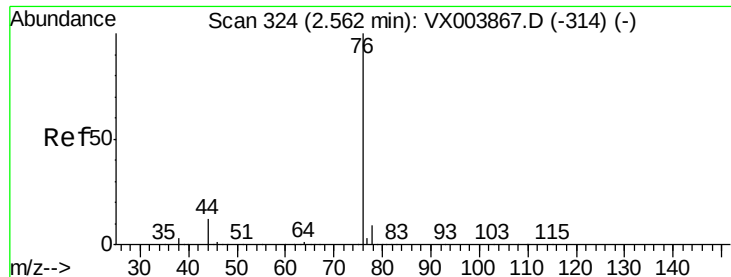
Delta R.T. 0.00 min

Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

Tgt Ion:	43	Resp:	685084
Ion	Ratio	Lower	Upper
43	100		
58	33.0	26.4	39.6





#17

Carbon Disulfide

Concen: 52.88 ug/l

RT: 2.56 min Scan# 324

Delta R.T. 0.00 min

Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 540582

Ion Ratio Lower Upper

76 100

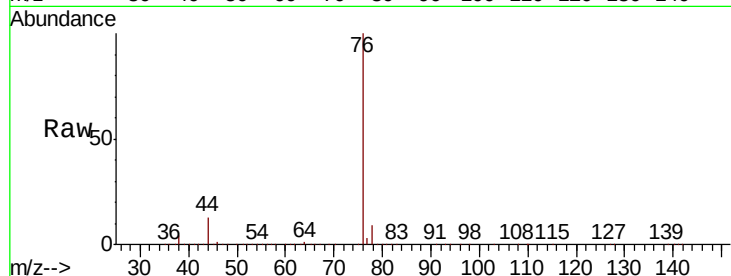
78 9.4 7.5 11.3

Manual Integrations

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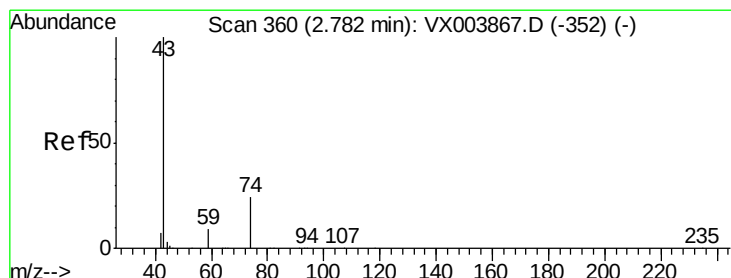
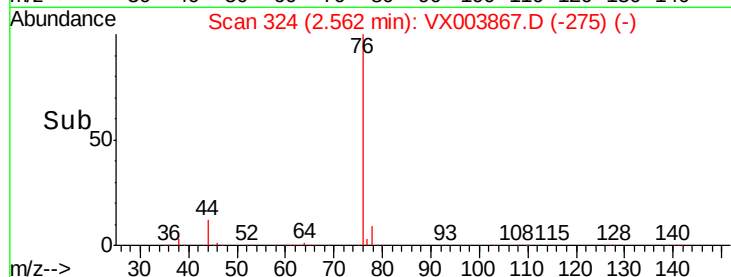
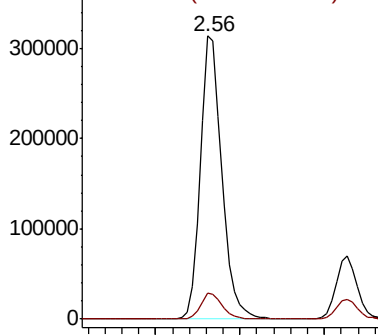
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 52.87 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003867.D

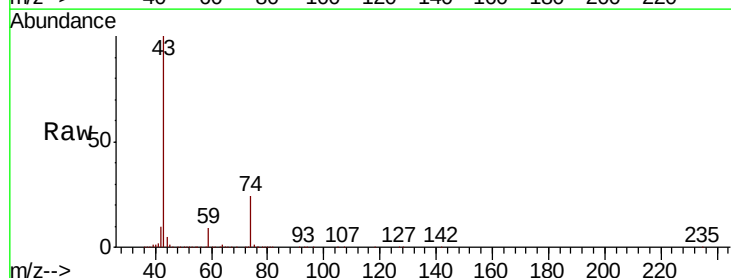
Acq: 06 Aug 2018 17:47

Tgt Ion: 43 Resp: 304365

Ion Ratio Lower Upper

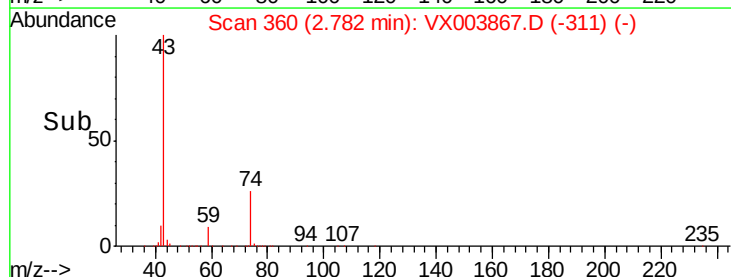
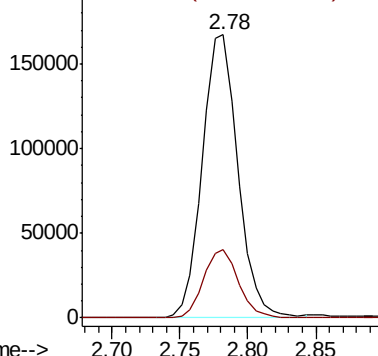
43 100

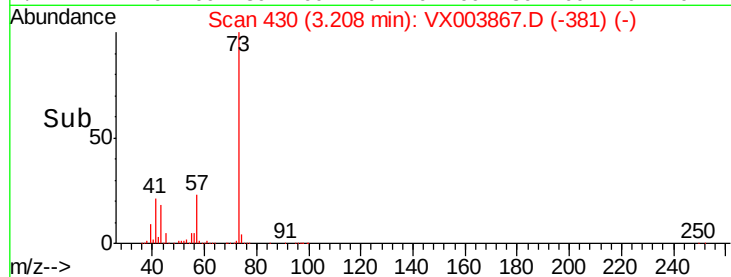
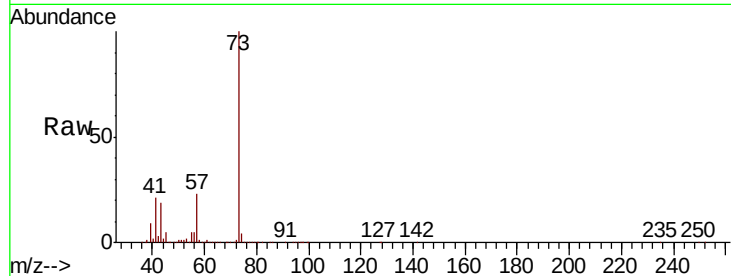
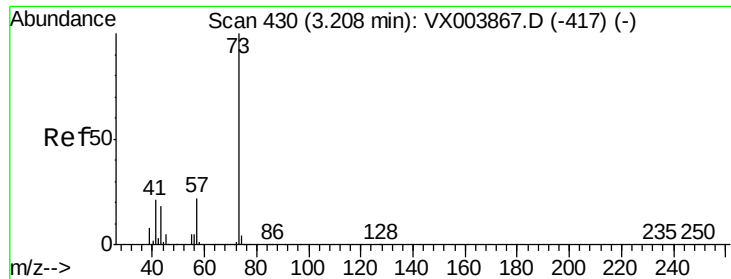
74 23.6 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 54.24 ug/l

RT: 3.21 min Scan# 430

Delta R.T. 0.00 min

Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

Tot Ion: 73 Resp: 678245

Ion Ratio Lower Upper

73 100

57 22.5 18.0 27.0

Instrument :

MSVOA_X

ClientSampleId :

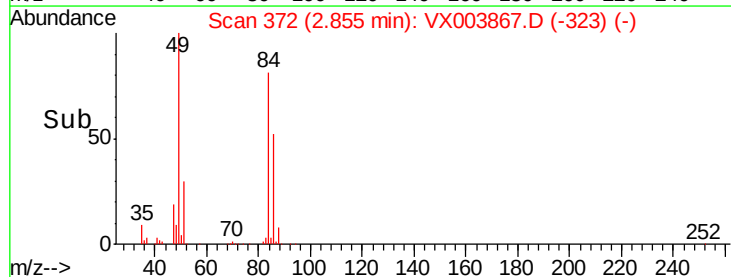
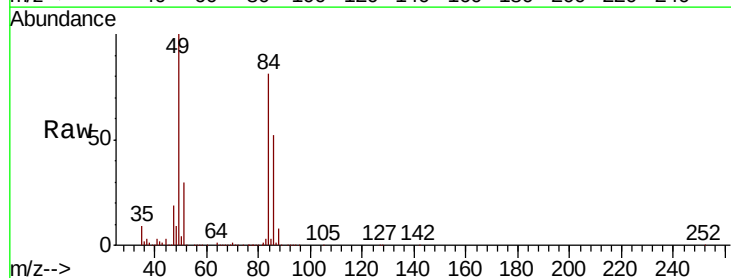
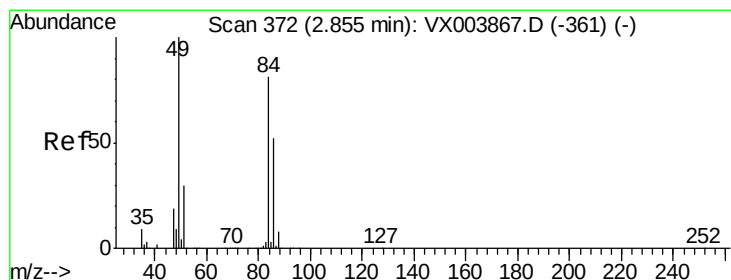
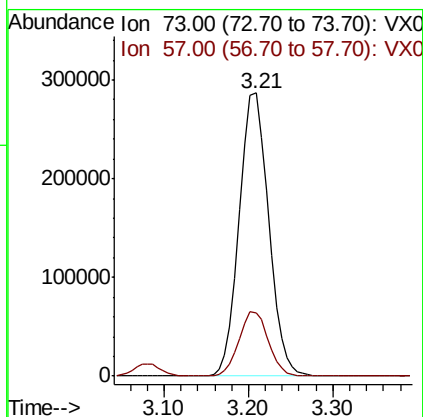
VSTDICCC050

Manual Integrations

APPROVED

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#20

Methylene Chloride

Concen: 51.31 ug/l

RT: 2.85 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

Tgt Ion: 84 Resp: 225180

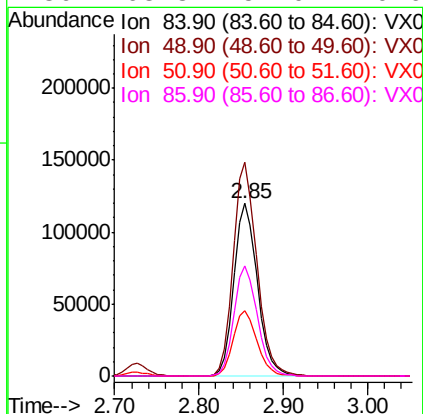
Ion Ratio Lower Upper

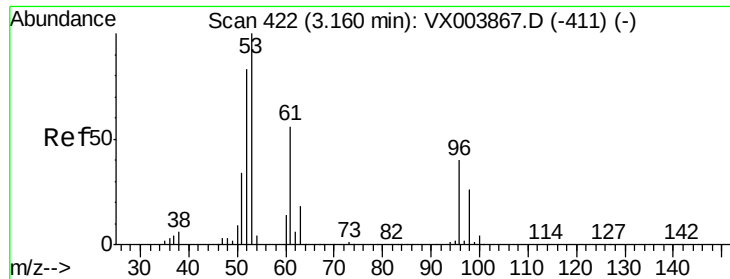
84 100

49 123.6 98.9 148.3

51 37.4 29.9 44.9

86 63.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 52.12 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 96 Resp: 207830

Ion Ratio Lower Upper

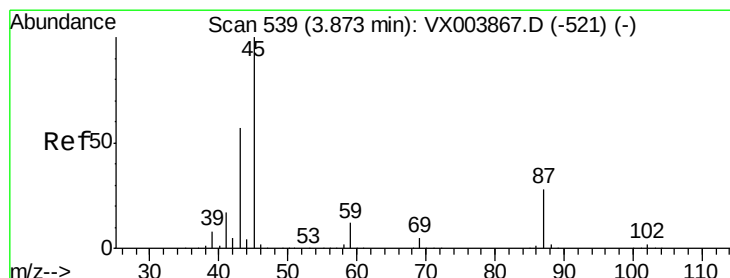
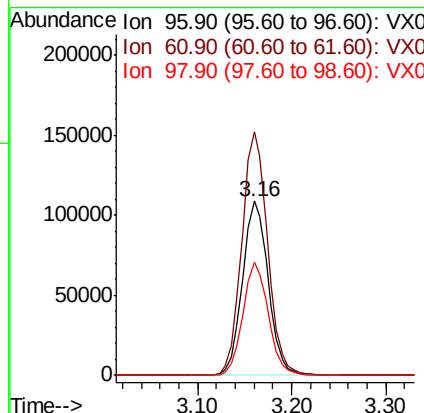
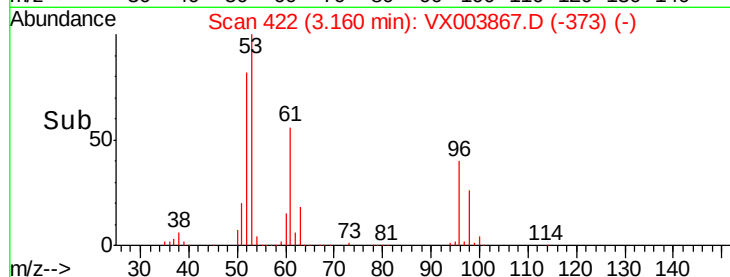
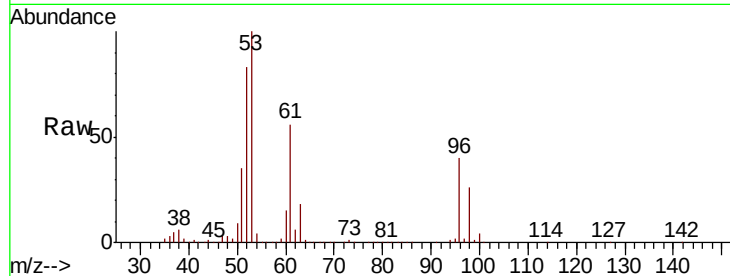
96 100

61 139.7 111.8 167.6

98 64.7 51.8 77.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.92 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

Tgt Ion: 45 Resp: 666373

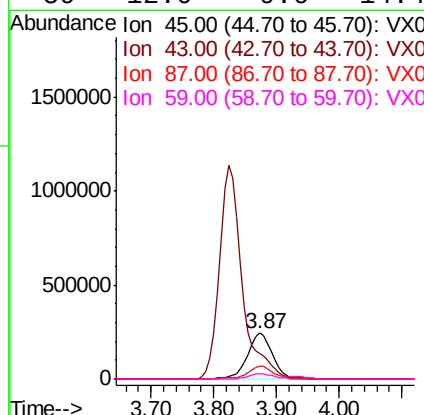
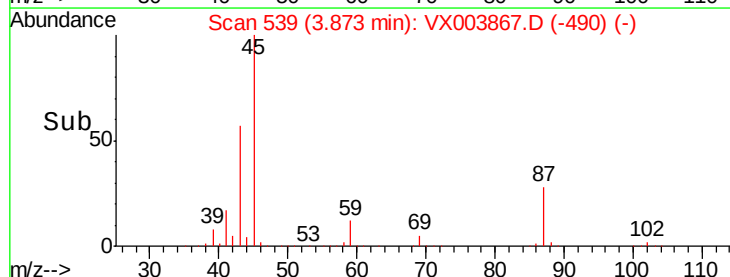
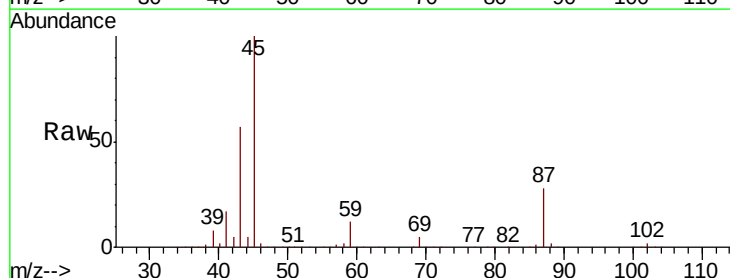
Ion Ratio Lower Upper

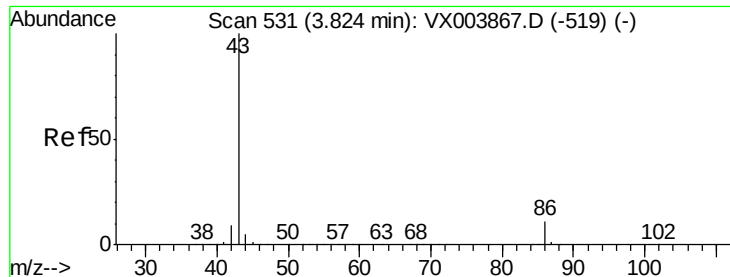
45 100

43 56.6 45.3 67.9

87 28.4 22.7 34.1

59 12.0 9.6 14.4





#23

Vinyl Acetate

Concen: 269.91 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

Tot Ion: 43 Resp: 2870290

Ion Ratio Lower Upper

43 100

86 11.1 8.9 13.3

Instrument :

MSVOA_X

ClientSampleId :

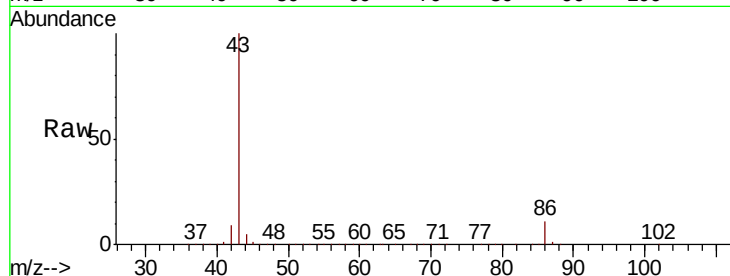
VSTDICCC050

Manual Integrations

APPROVED

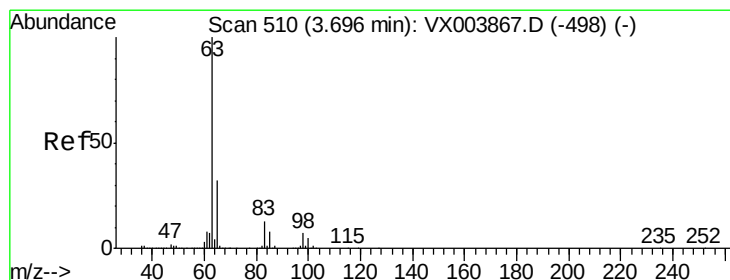
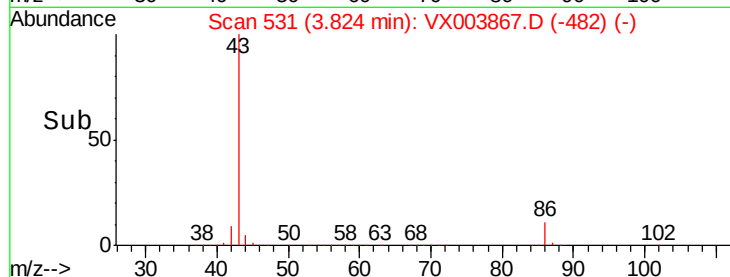
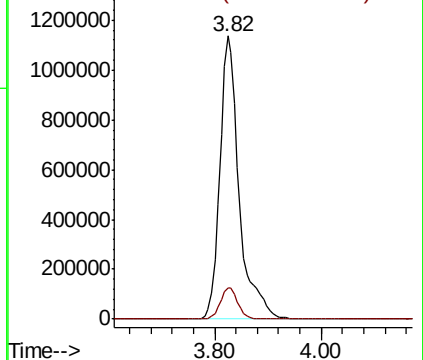
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 55.04 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

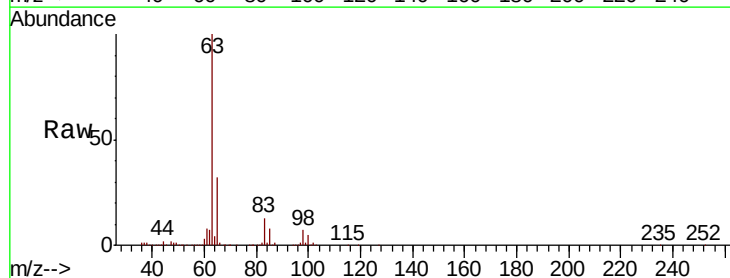
Tgt Ion: 63 Resp: 400263

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

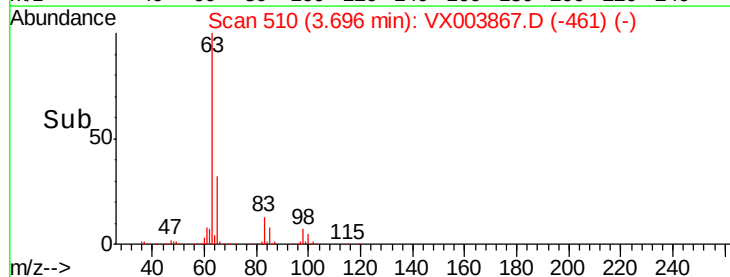
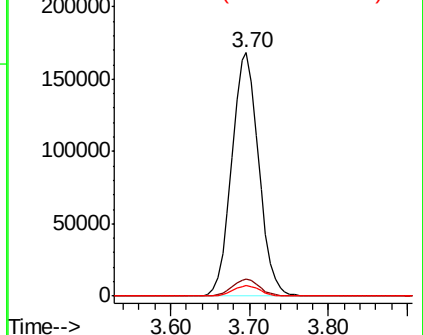
100 4.5 2.3 6.8

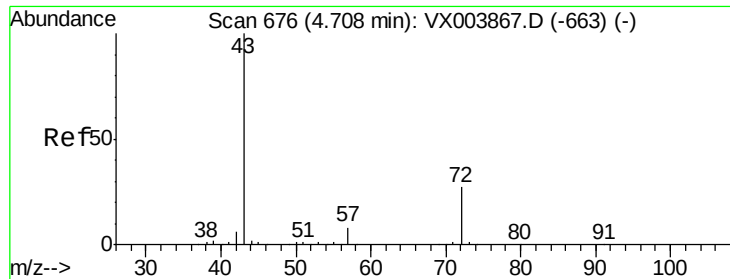


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 257.98 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1078864

Ion Ratio Lower Upper

43 100

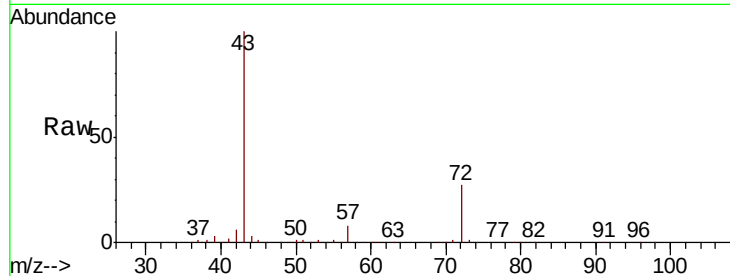
72 26.7 21.4 32.0

Manual Integrations

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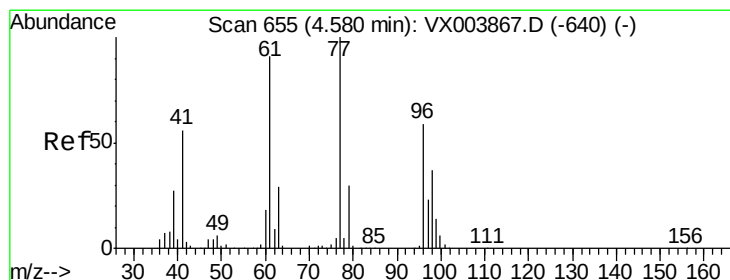
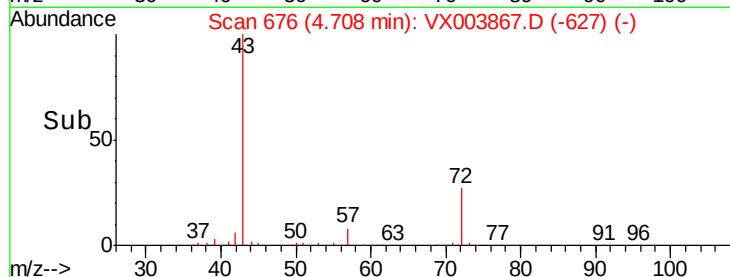
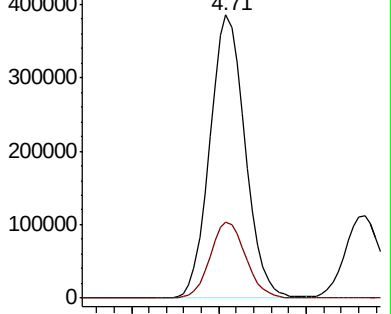
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 57.00 ug/l

RT: 4.58 min Scan# 655

Delta R.T. 0.00 min

Lab File: VX003867.D

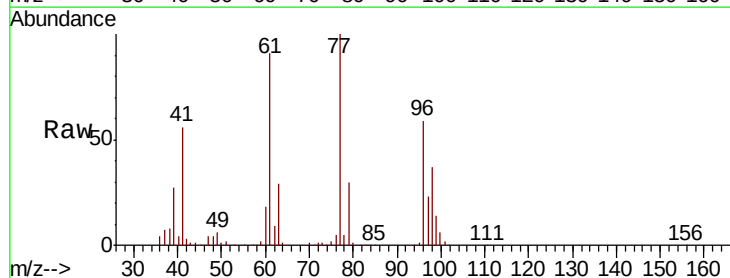
Acq: 06 Aug 2018 17:47

Tgt Ion: 77 Resp: 285003

Ion Ratio Lower Upper

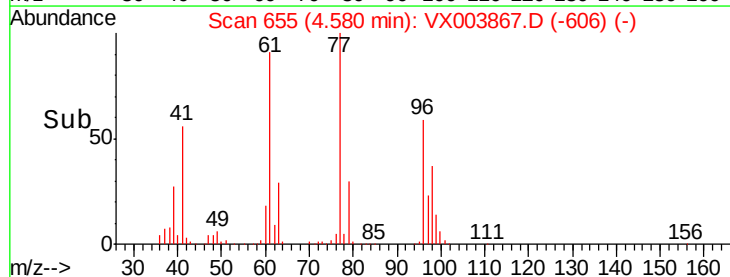
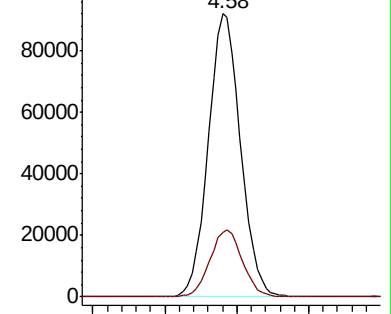
77 100

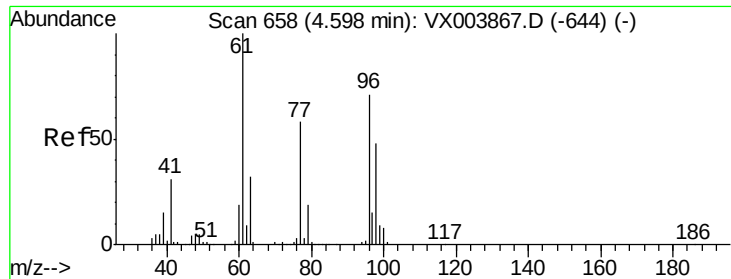
97 23.9 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

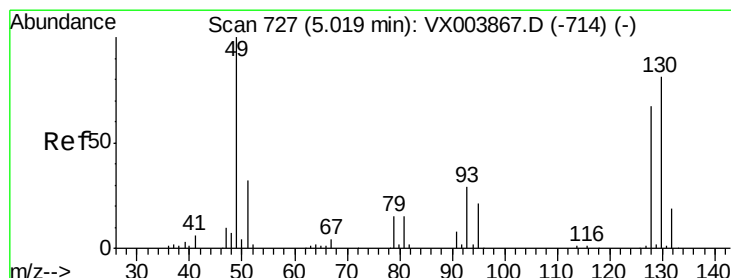
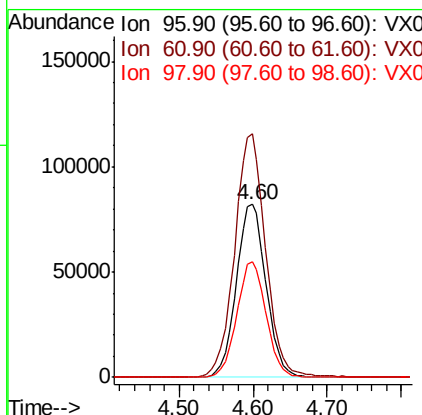
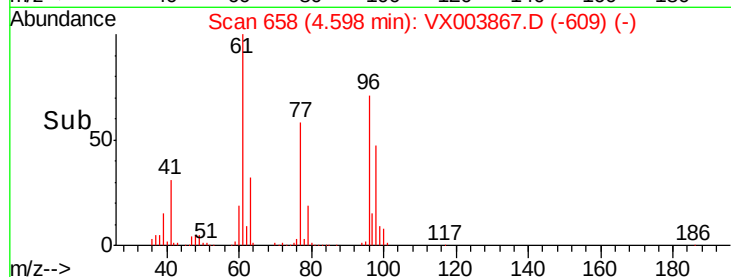
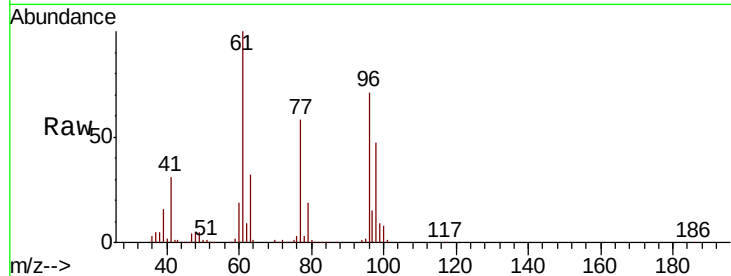
cis-1,2-Dichloroethene
Concen: 51.04 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX003867.D
Acq: 06 Aug 2018 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	229845		
61	146.5	0.0	293.0	
98	65.9	0.0	131.8	

Manual Integrations
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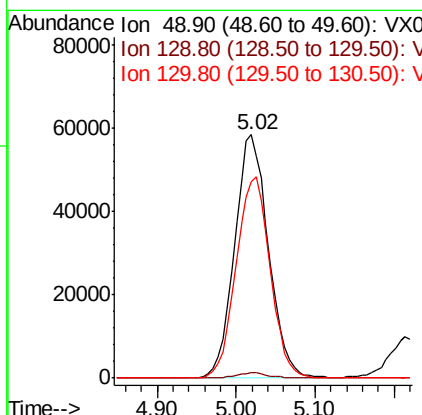
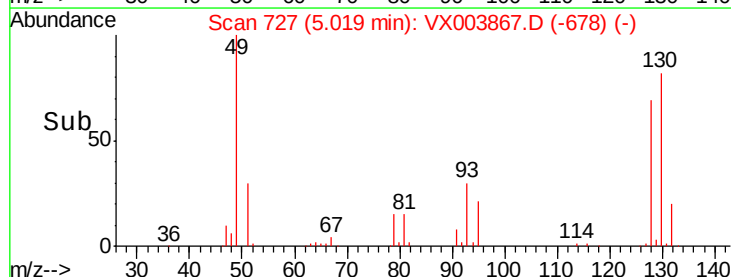
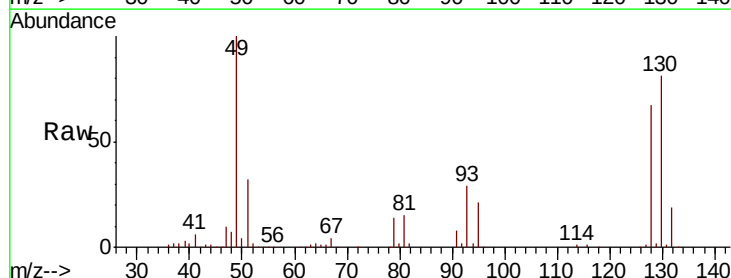
MMDadoda
8/7/2018 1:12:56 PM

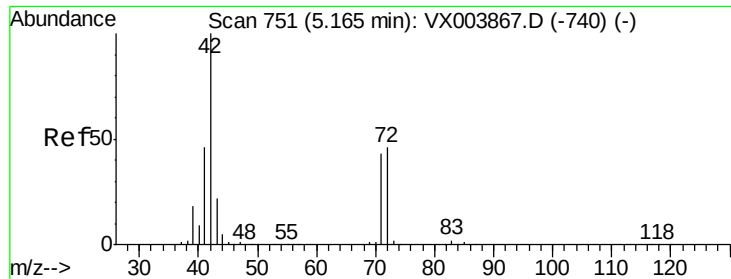


#28

Bromochloromethane
Concen: 51.64 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.00 min
Lab File: VX003867.D
Acq: 06 Aug 2018 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	174031		
129	2.1	0.0	4.2	
130	83.1	66.5	99.7	





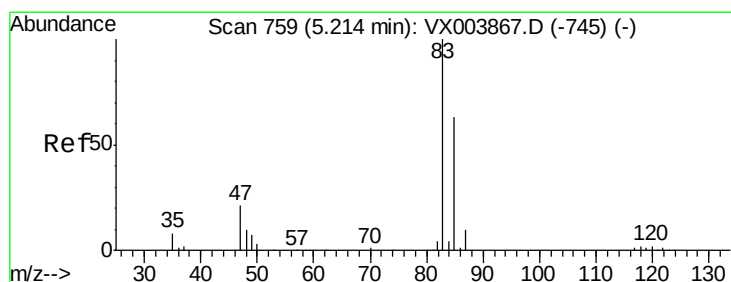
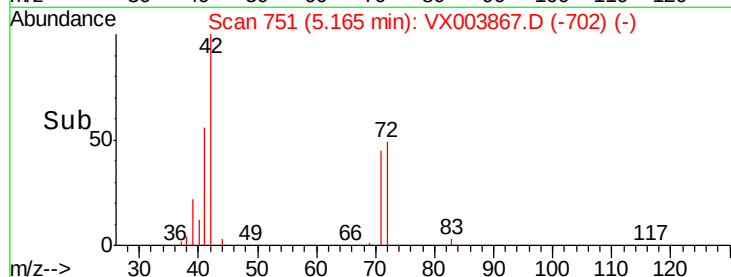
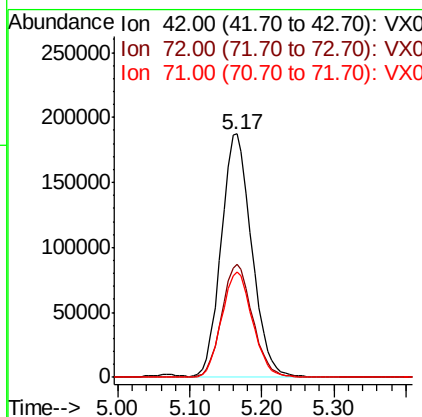
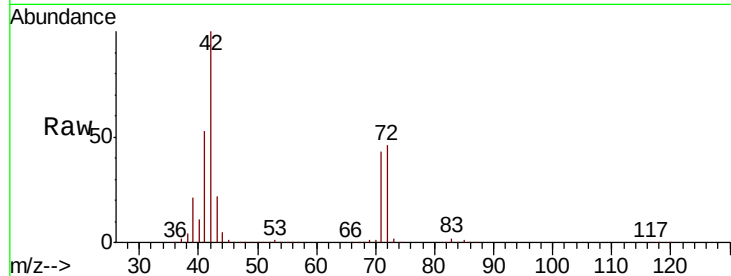
#29
Tetrahydrofuran
Concen: 258.40 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003867.D
Acq: 06 Aug 2018 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.1	37.7	56.5
71	43.8	35.0	52.6

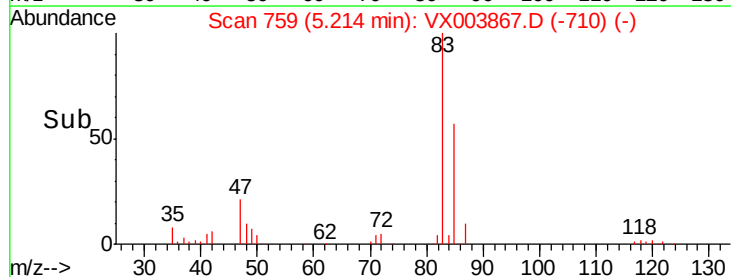
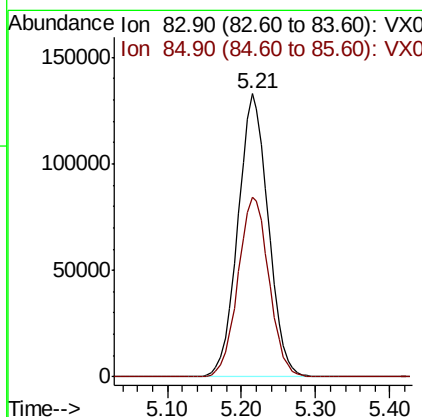
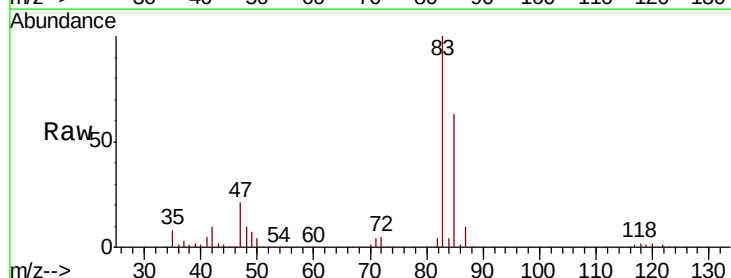
Manual Integrations
APPROVED

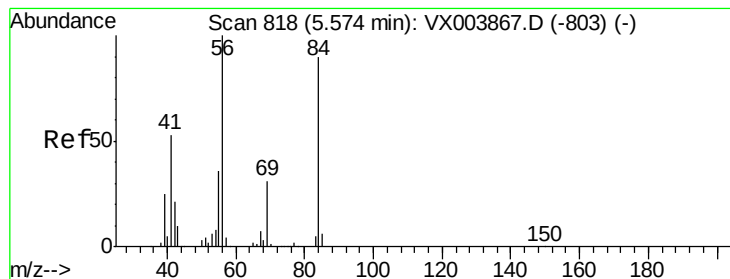
MMDadoda
8/7/2018 1:12:56 PM



#30
Chloroform
Concen: 50.91 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX003867.D
Acq: 06 Aug 2018 17:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.7	76.1





#31

Cyclohexane

Concen: 54.36 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

Instrument :

MSVOA_X

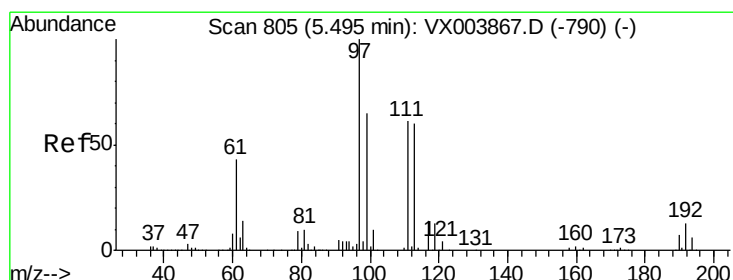
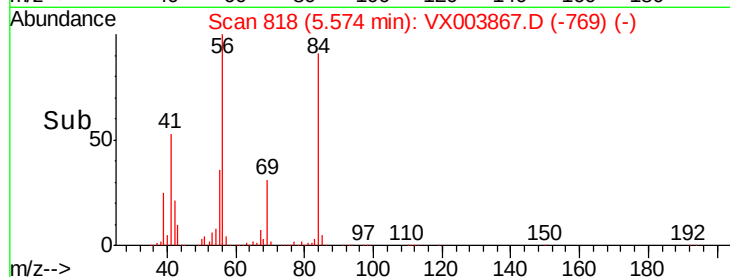
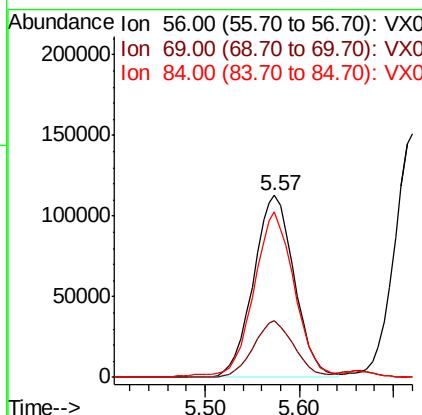
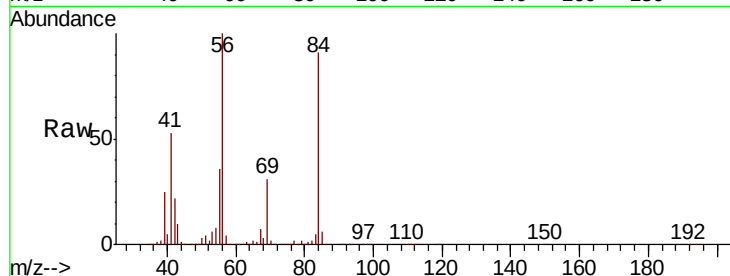
ClientSampleId :

VSTDICCC050

Tot Ion:	56	Resp:	342734
Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.9	37.3
84	89.6	71.7	107.5

Manual Integrations
APPROVED

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#32

1,1,1-Trichloroethane

Concen: 52.11 ug/l

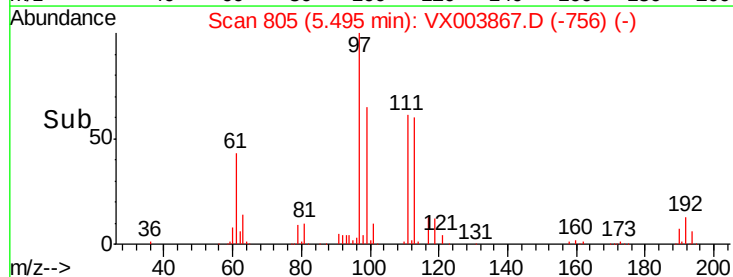
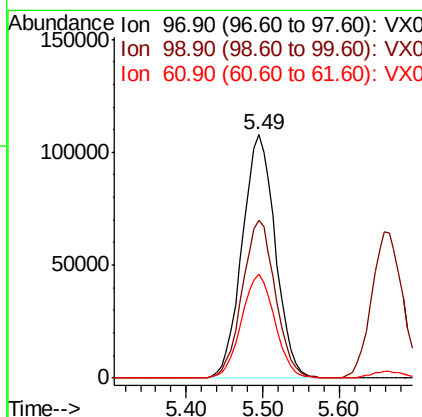
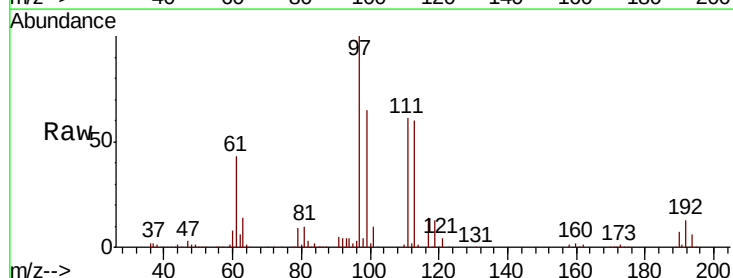
RT: 5.49 min Scan# 805

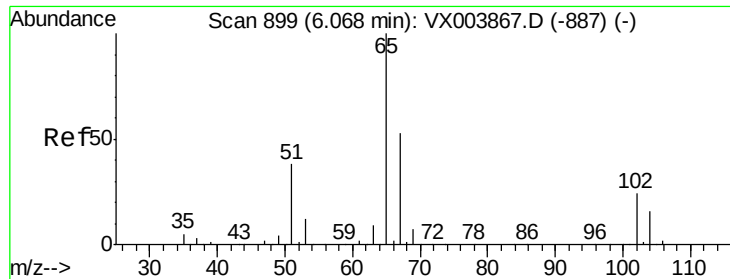
Delta R.T. 0.00 min

Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

Tgt Ion:	97	Resp:	324621
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.8	77.8
61	43.0	34.4	51.6





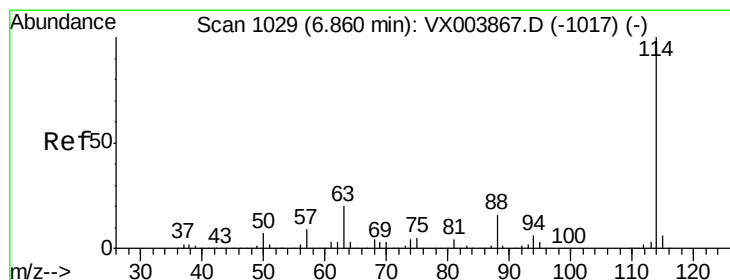
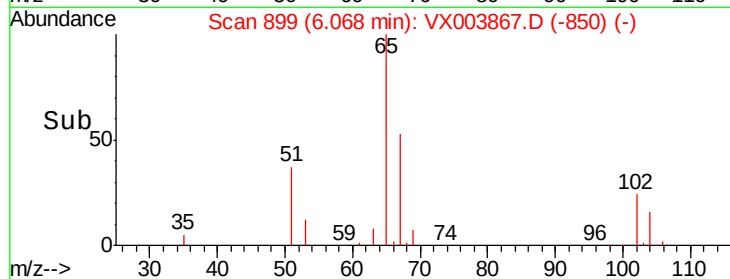
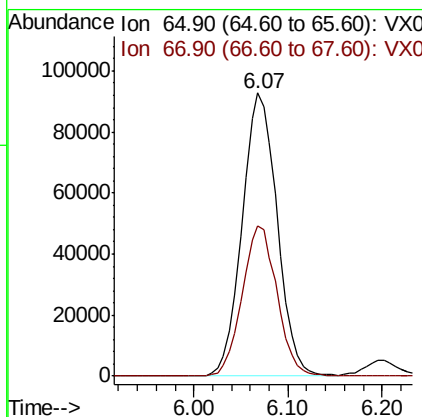
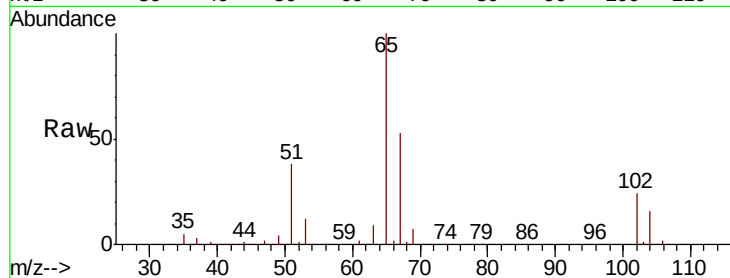
#33
 1,2-Dichloroethane-d4
 Concen: 51.48 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003867.D
 Acq: 06 Aug 2018 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	239825		
67	52.9	0.0	105.8	

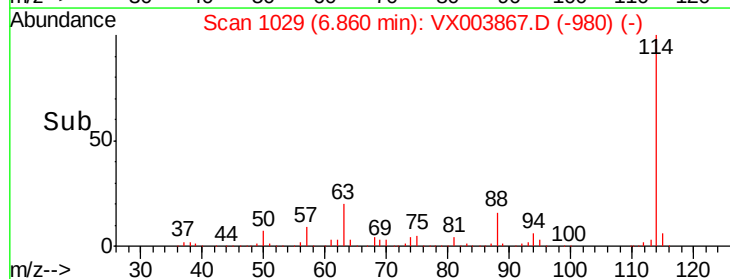
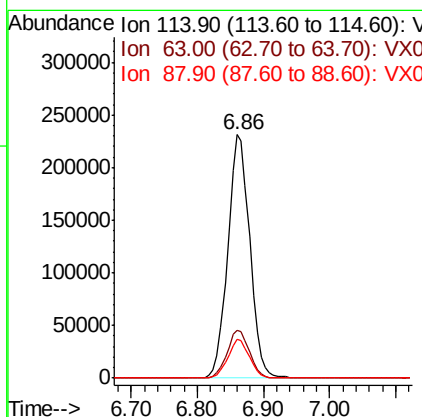
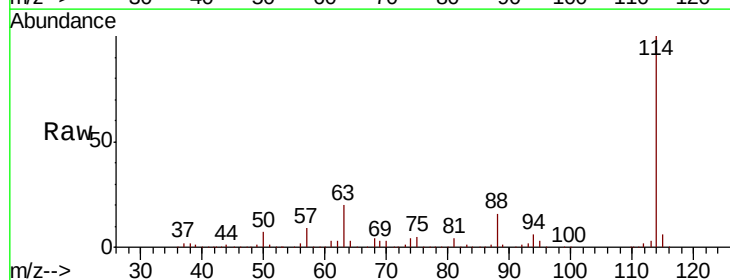
Manual Integrations
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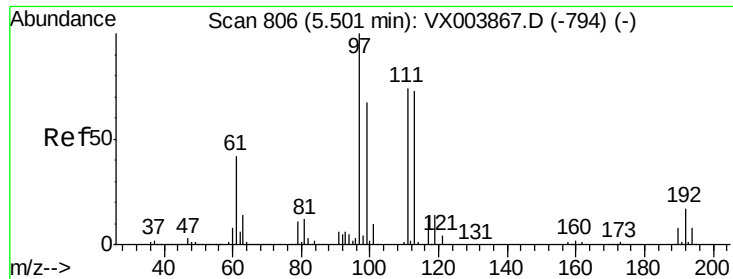
MMDadoda
 8/7/2018 1:12:56 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX003867.D
 Acq: 06 Aug 2018 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	531519		
63	19.5	0.0	39.0	
88	16.0	0.0	32.0	





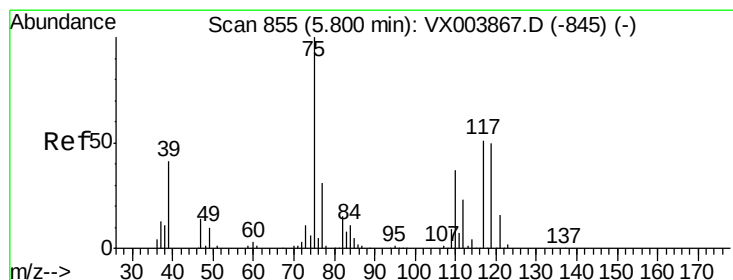
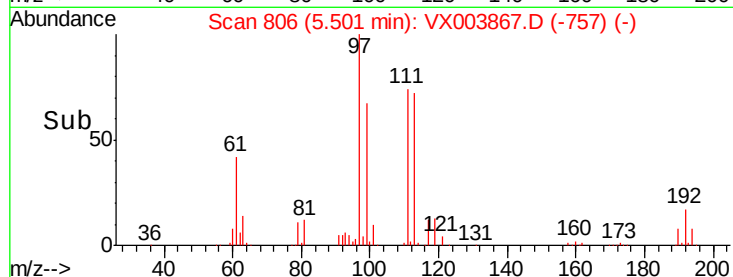
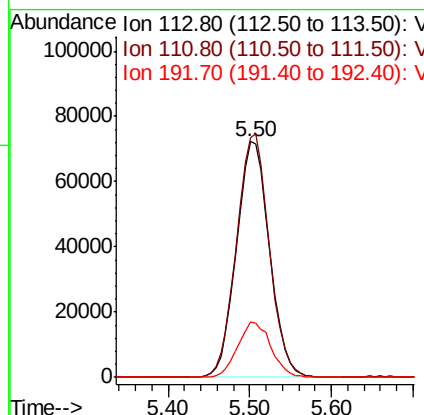
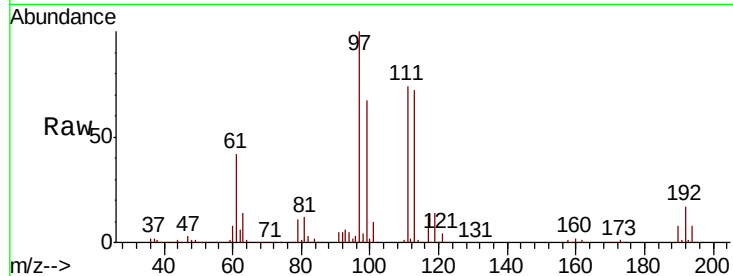
#35
 Dibromofluoromethane
 Concen: 49.15 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX003867.D
 Acq: 06 Aug 2018 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	202868		
111	102.5	82.0	123.0	
192	23.7	19.0	28.4	

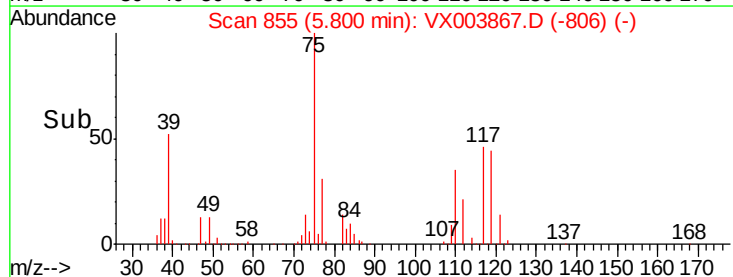
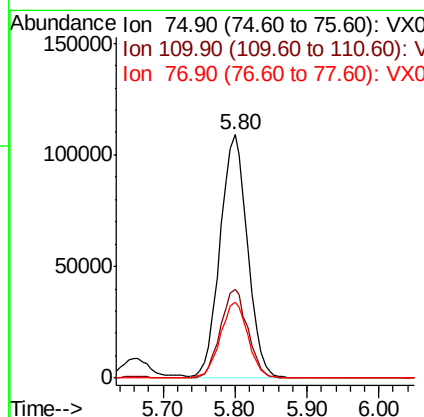
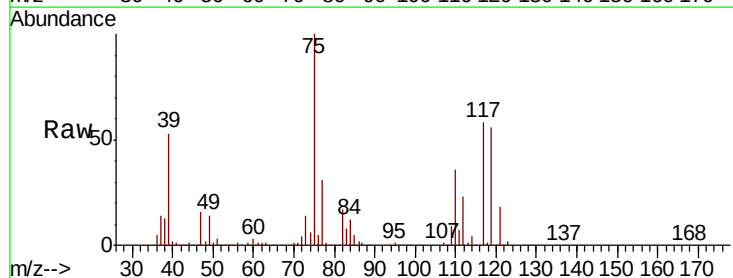
Manual Integrations
 APPROVED

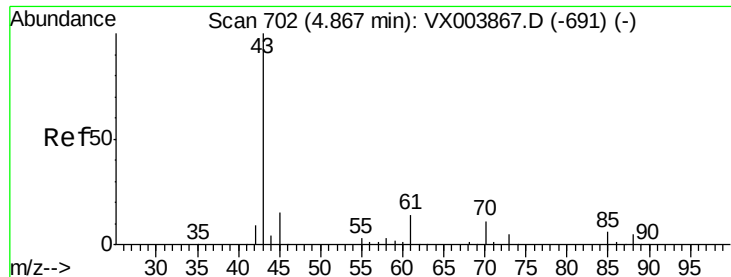
MMDadoda
 8/7/2018 1:12:56 PM



#36
 1,1-Dichloropropene
 Concen: 50.19 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003867.D
 Acq: 06 Aug 2018 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	288884		
110	36.4	18.2	54.6	
77	31.2	25.0	37.4	





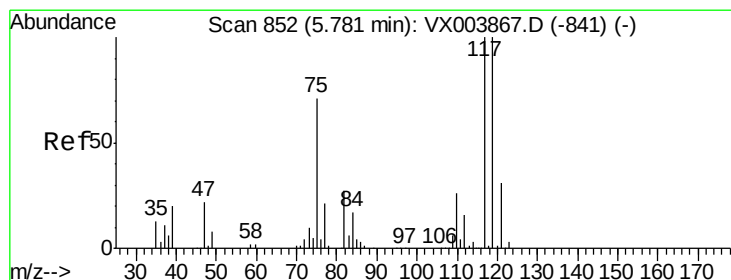
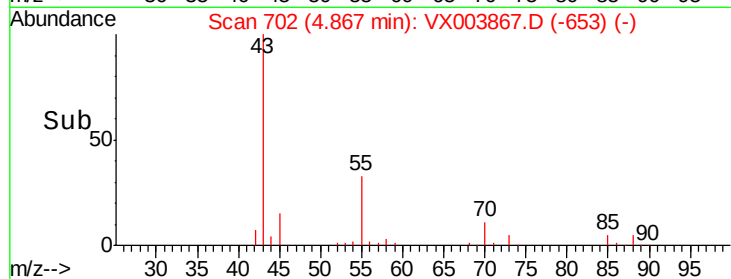
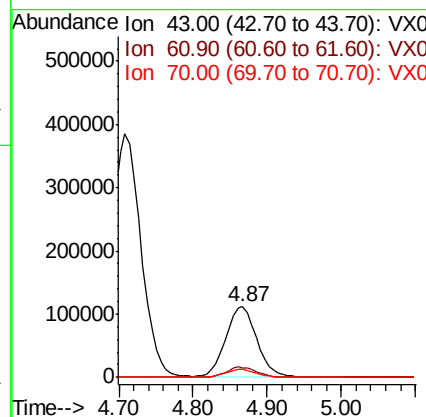
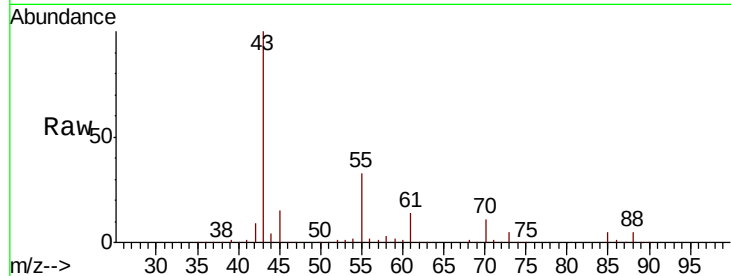
#37
Ethyl Acetate
Concen: 49.65 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003867.D
Acq: 06 Aug 2018 17:47

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.5	17.3
70	11.2	9.0	13.4

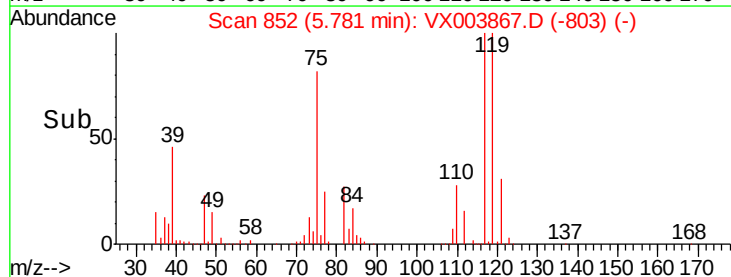
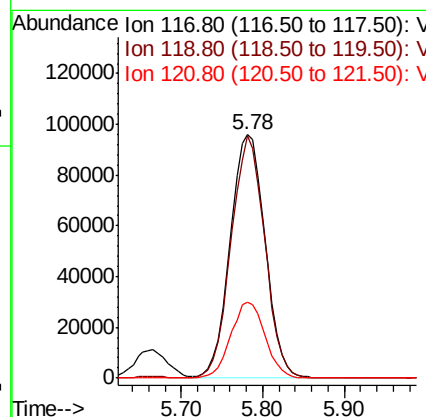
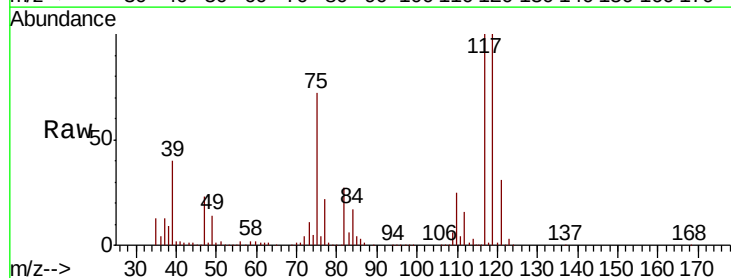
Manual Integrations
APPROVED

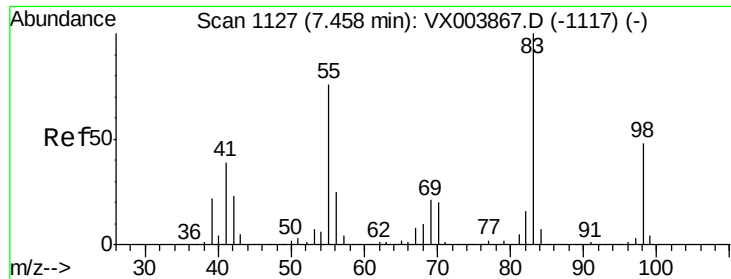
MMDadoda
8/7/2018 1:12:56 PM



#38
Carbon Tetrachloride
Concen: 49.78 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003867.D
Acq: 06 Aug 2018 17:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.4	79.5	119.3
121	31.2	25.0	37.4





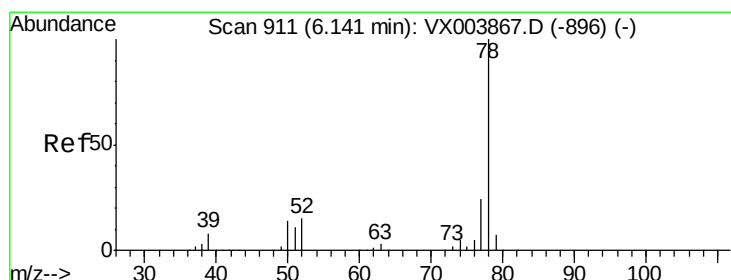
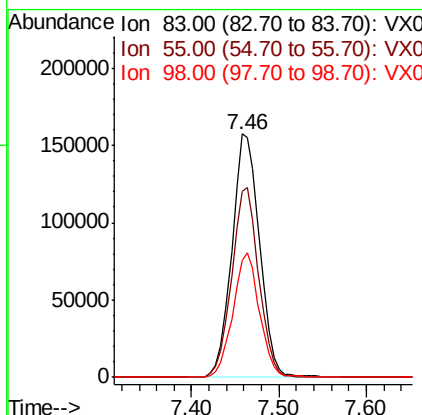
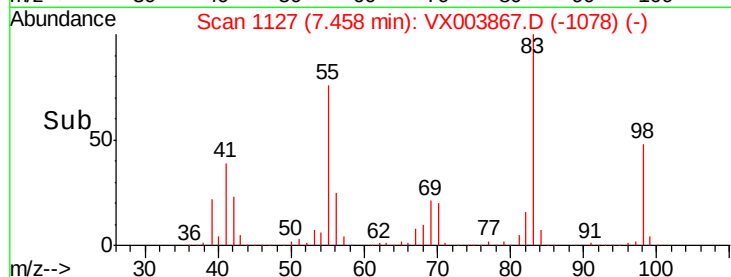
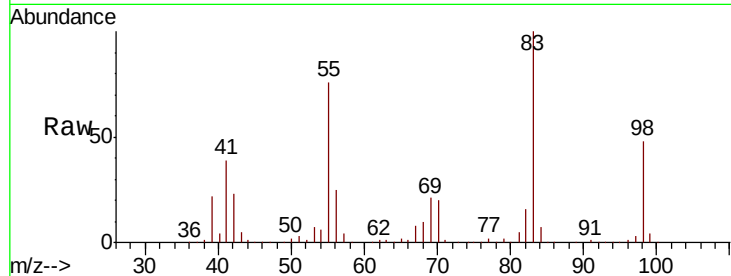
#39
Methylvlcyclohexane
Concen: 52.55 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. 0.00 min
Lab File: VX003867.D
Acq: 06 Aug 2018 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.3	61.0	91.6
98	48.2	38.6	57.8

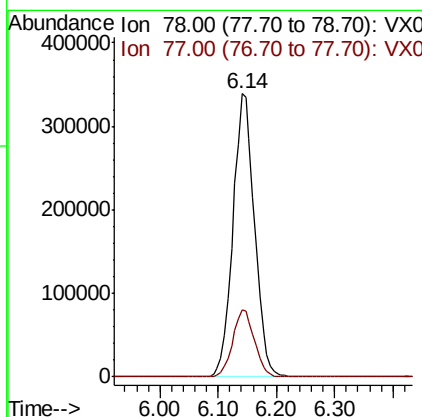
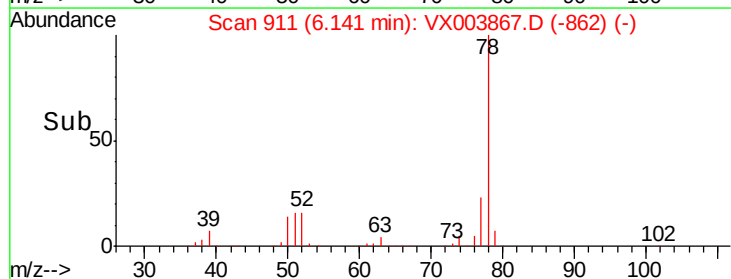
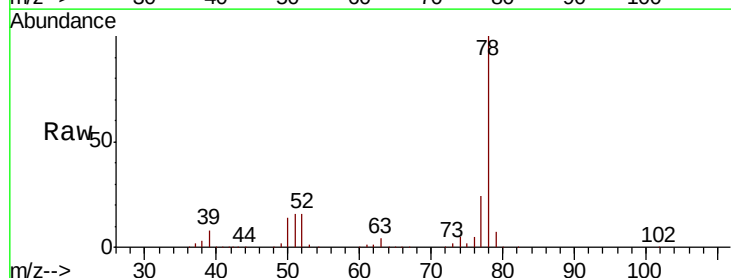
Manual Integrations
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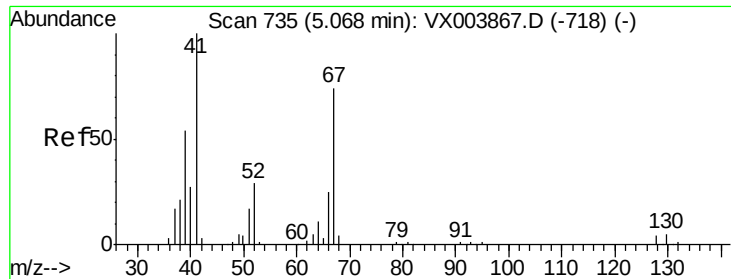
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#40
Benzene
Concen: 49.46 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX003867.D
Acq: 06 Aug 2018 17:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4





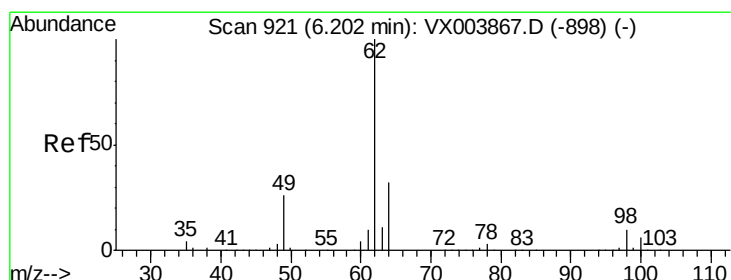
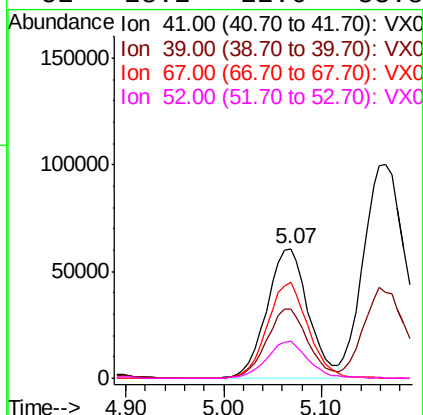
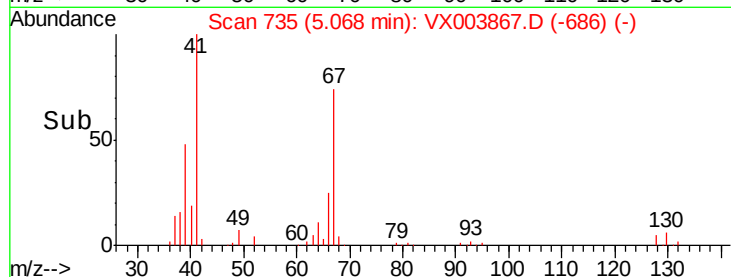
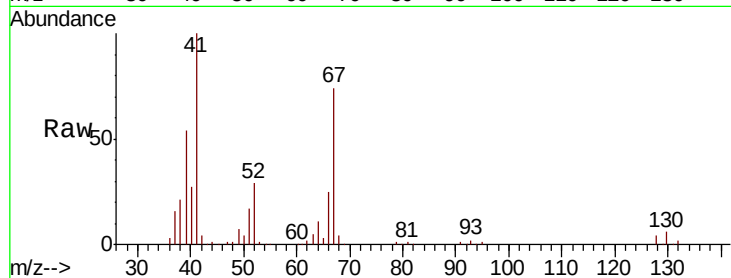
#41
Methacrylonitrile
Concen: 50.50 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003867.D
Acq: 06 Aug 2018 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.4	42.7	64.1	
67	73.6	58.9	88.3	
52	28.2	22.6	33.8	

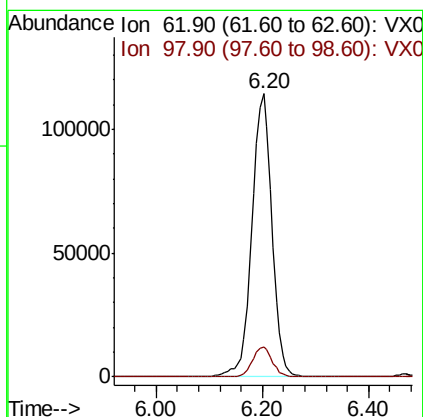
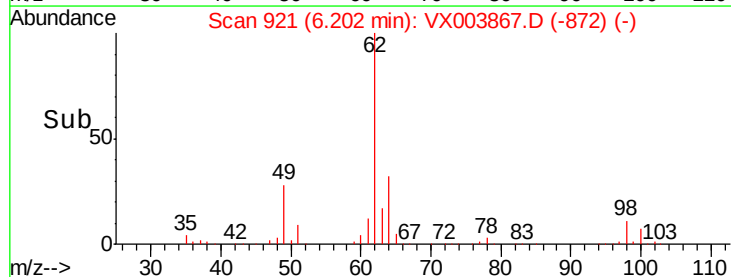
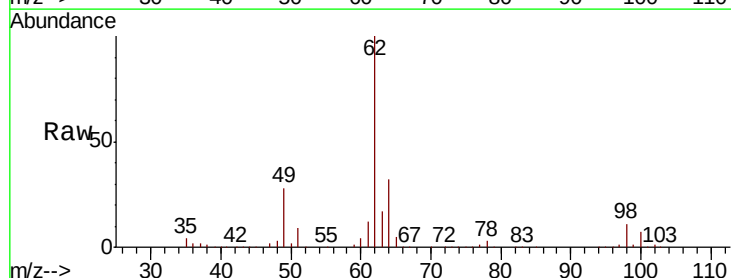
Manual Integrations
APPROVED

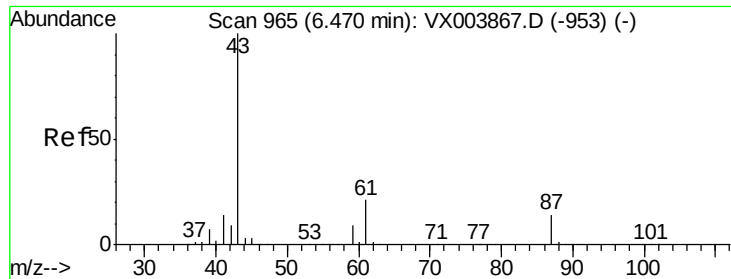
MMDadoda
8/7/2018 1:12:56 PM



#42
1,2-Dichloroethane
Concen: 50.04 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003867.D
Acq: 06 Aug 2018 17:47

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	0.0	20.4	





#43

Isopropyl Acetate

Concen: 50.53 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

Instrument :

MSVOA_X

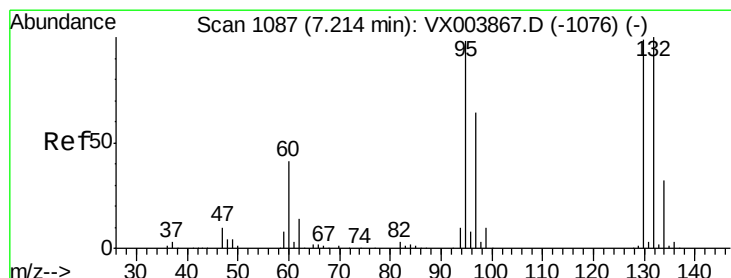
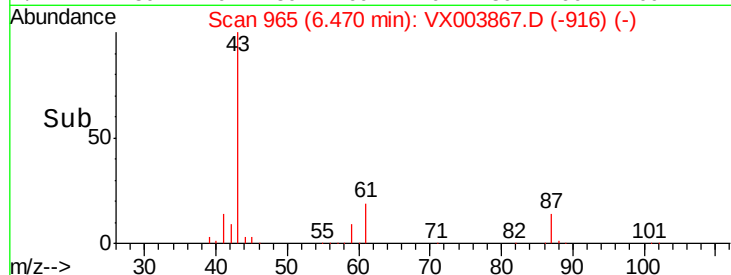
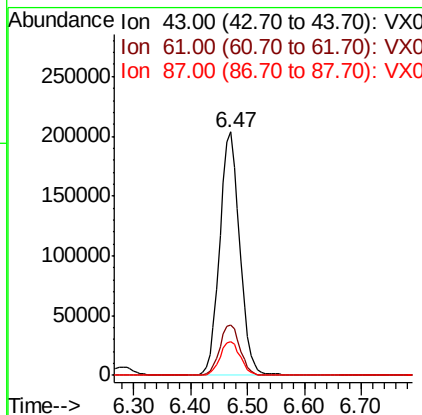
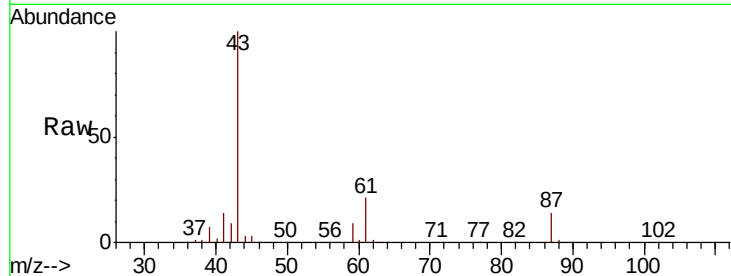
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	496857
Ion	Ratio	Lower	Upper
43	100		
61	21.1	16.9	25.3
87	14.1	11.3	16.9

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#44

Trichloroethene

Concen: 48.83 ug/l

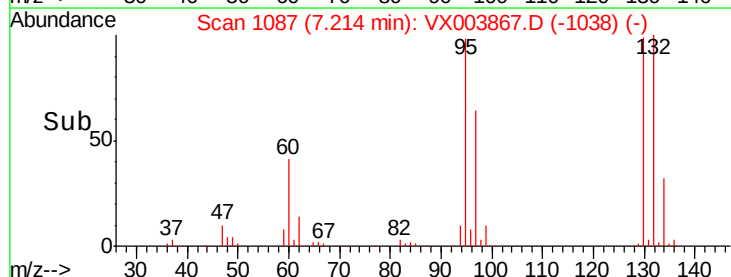
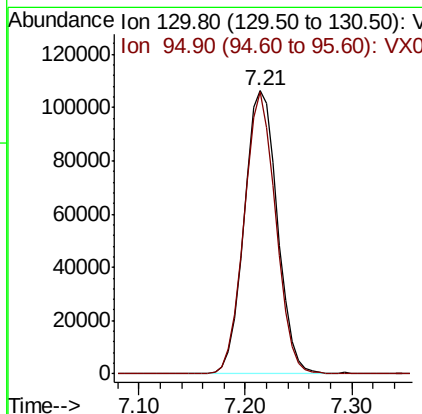
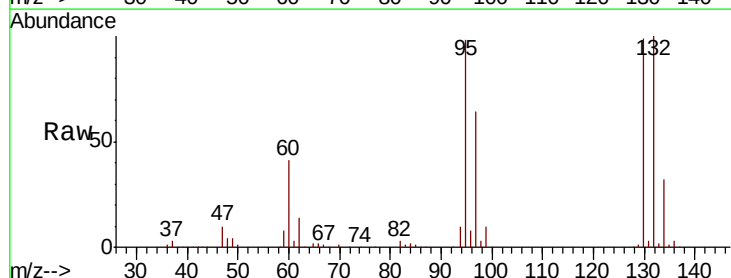
RT: 7.21 min Scan# 1087

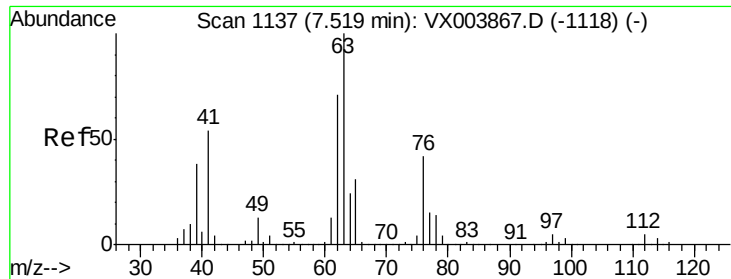
Delta R.T. 0.00 min

Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

Tgt Ion:	130	Resp:	232421
Ion	Ratio	Lower	Upper
130	100		
95	99.7	0.0	199.4





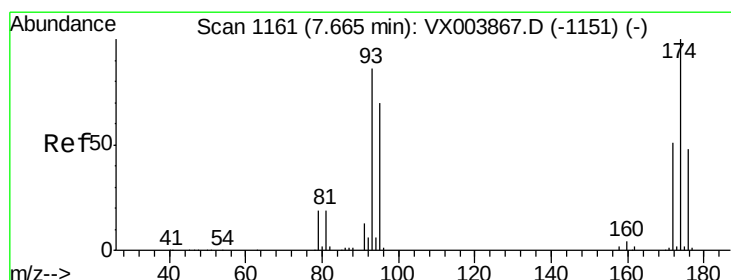
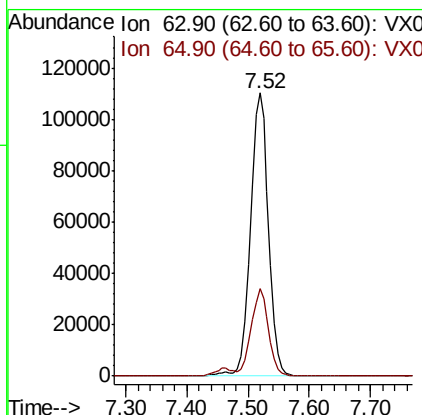
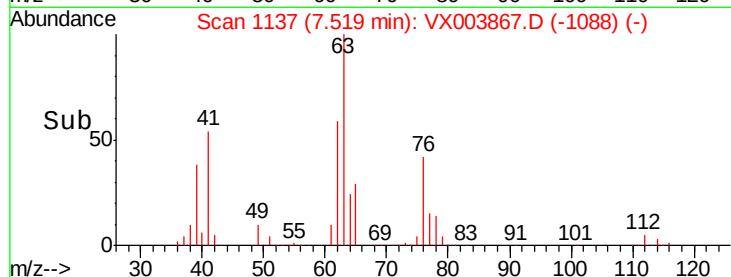
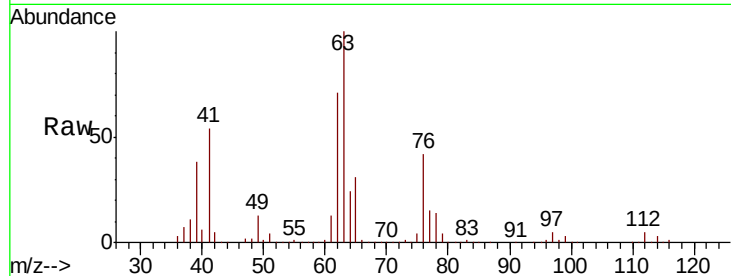
#45
 1,2-Dichloropropane
 Concen: 49.88 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003867.D
 Acq: 06 Aug 2018 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.6	36.8

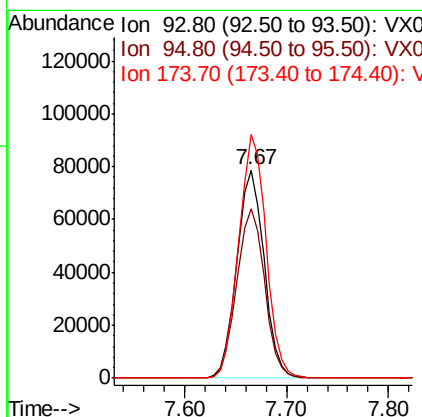
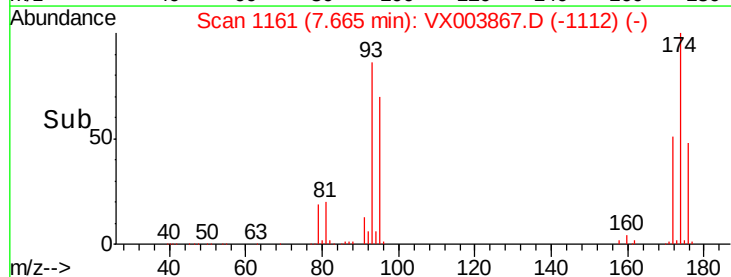
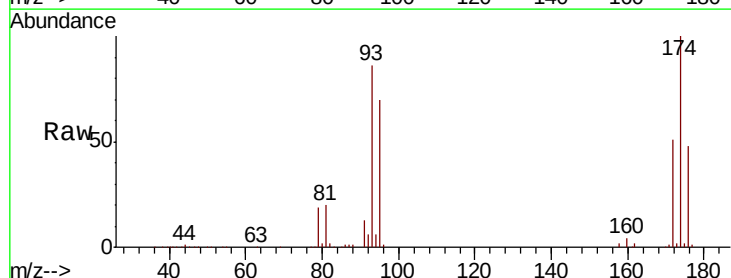
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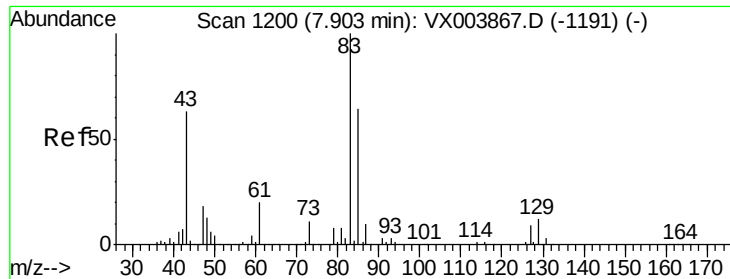
MMDadoda
 8/7/2018 1:12:56 PM



#46
 Dibromomethane
 Concen: 49.83 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003867.D
 Acq: 06 Aug 2018 17:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.0	66.4	99.6
174	117.9	94.3	141.5





#47

Bromodichloromethane

Concen: 51.37 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

Instrument :

MSVOA_X

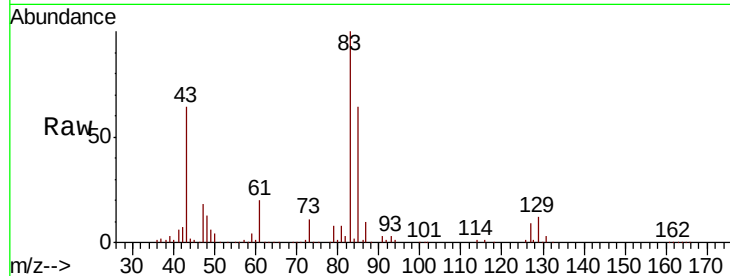
ClientSampleId :

VSTDICCC050

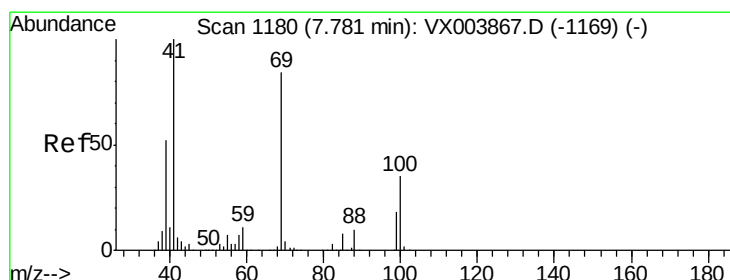
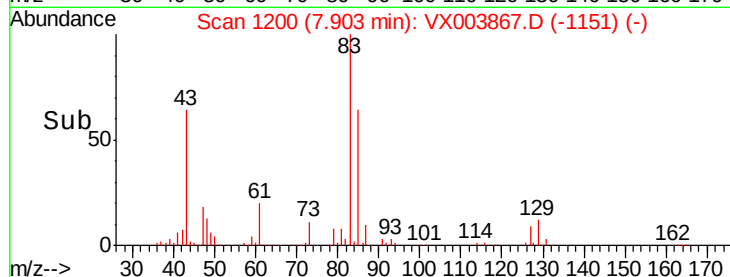
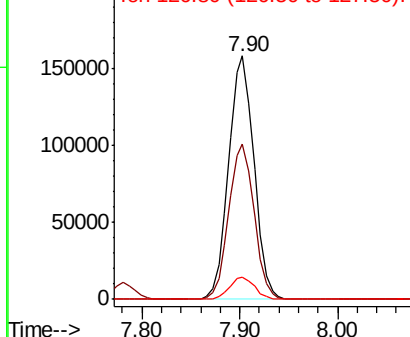
Tot Ion:	83	Resp:	284510
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.2	76.8
127	9.0	7.2	10.8

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.33 ug/l

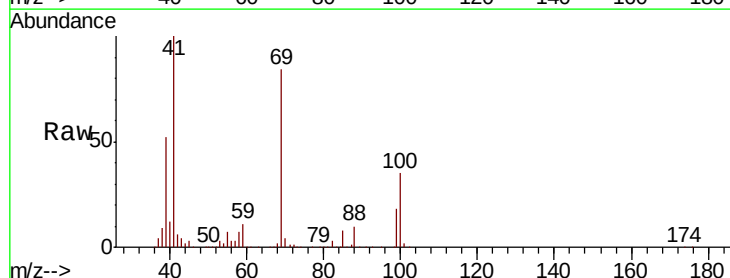
RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

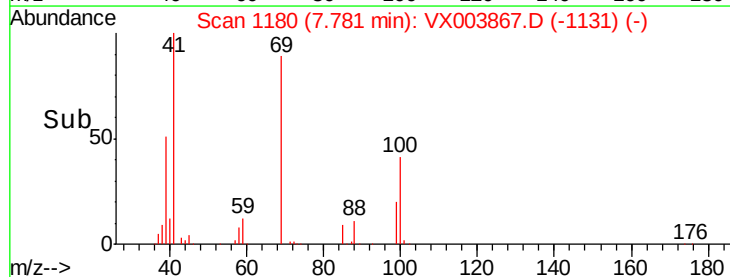
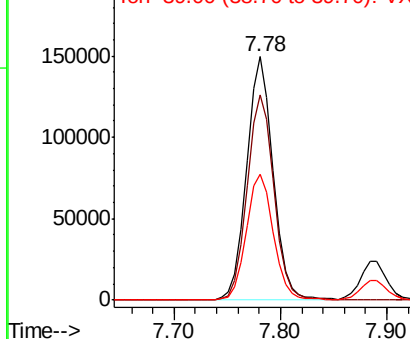
Lab File: VX003867.D

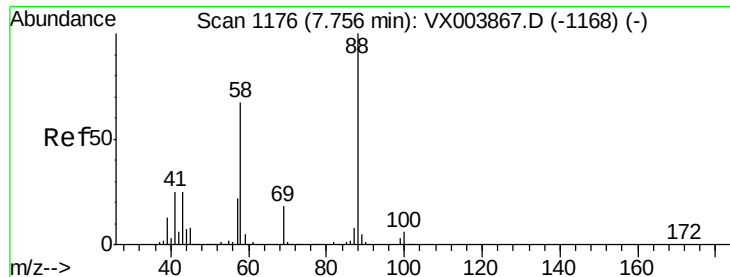
Acq: 06 Aug 2018 17:47

Tgt Ion:	41	Resp:	260009
Ion	Ratio	Lower	Upper
41	100		
69	86.0	68.8	103.2
39	52.9	42.3	63.5



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





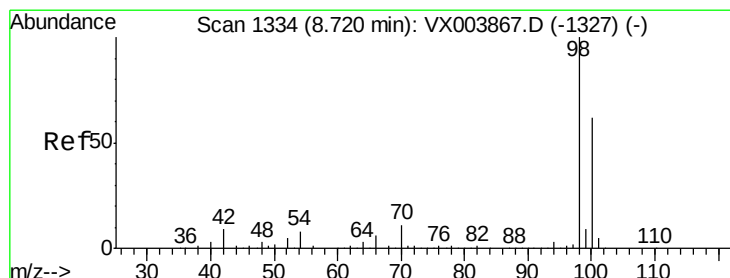
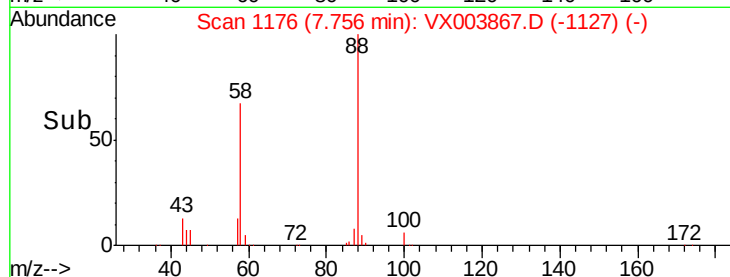
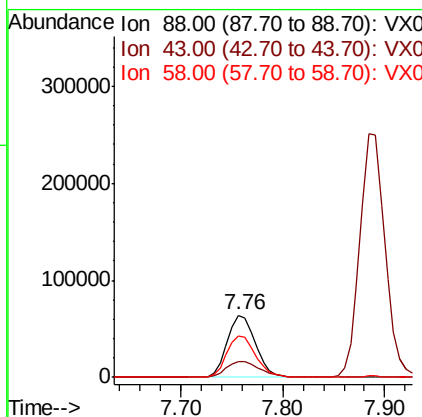
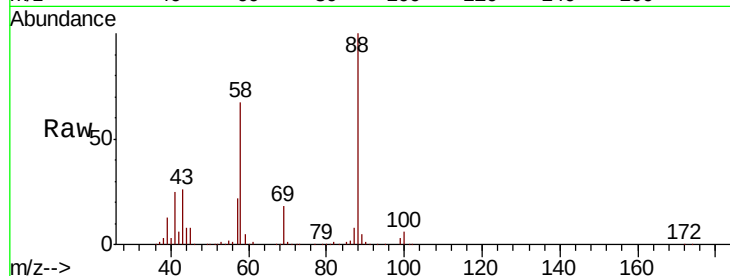
#49
1,4-Dioxane
Concen: 1037.02 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003867.D
Acq: 06 Aug 2018 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.8	23.8	35.8
58	69.2	55.4	83.0

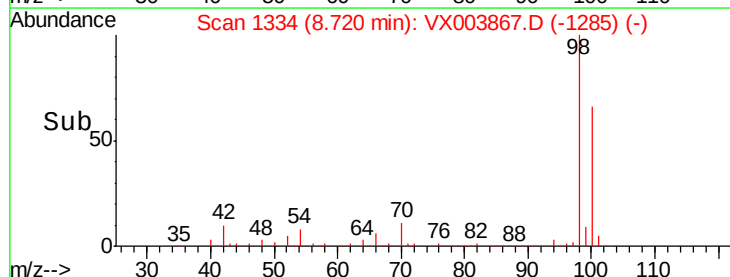
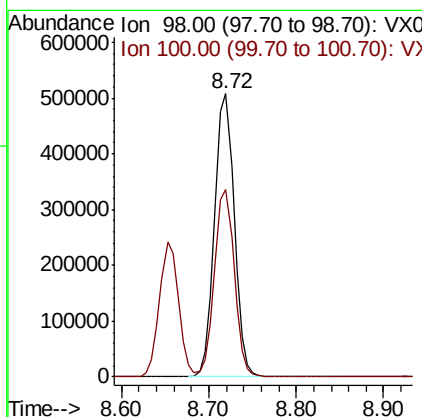
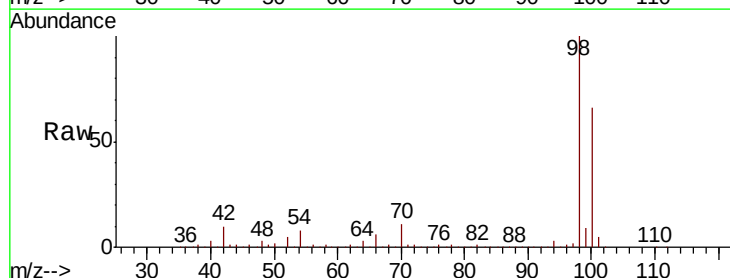
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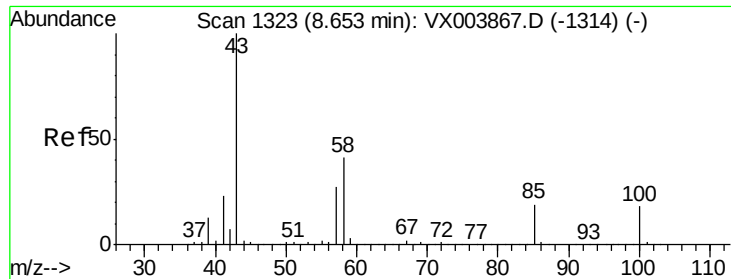
MMDadoda
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#50
Toluene-d8
Concen: 49.94 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003867.D
Acq: 06 Aug 2018 17:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.3	79.9





#51

4-Methyl-2-Pentanone

Concen: 256.65 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 2102409

Ion Ratio Lower Upper

43 100

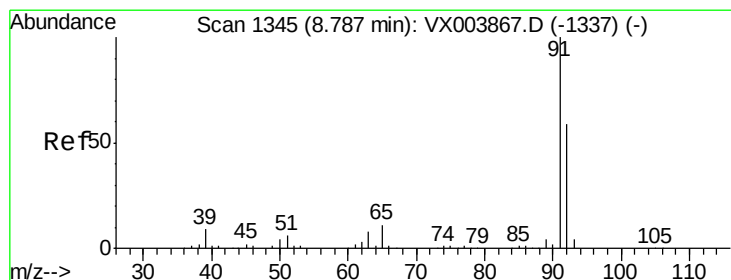
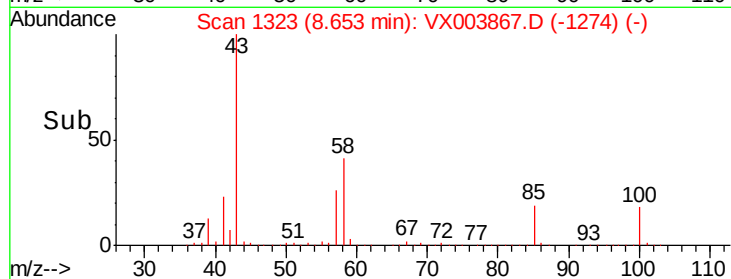
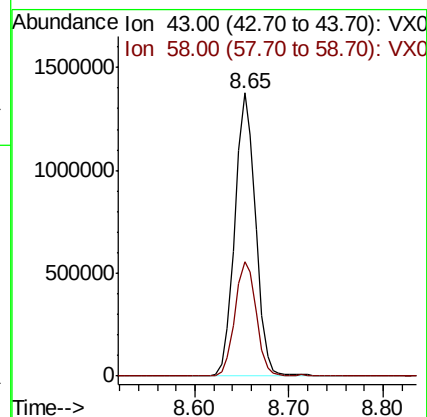
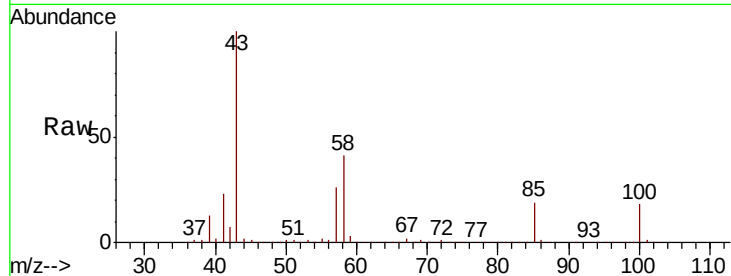
58 41.3 33.0 49.6

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#52

Toluene

Concen: 52.24 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003867.D

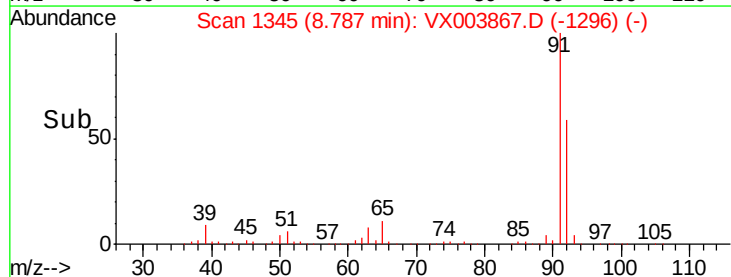
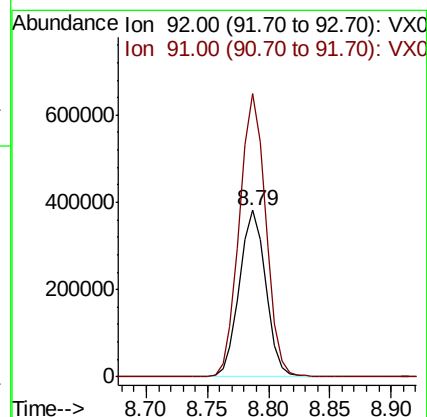
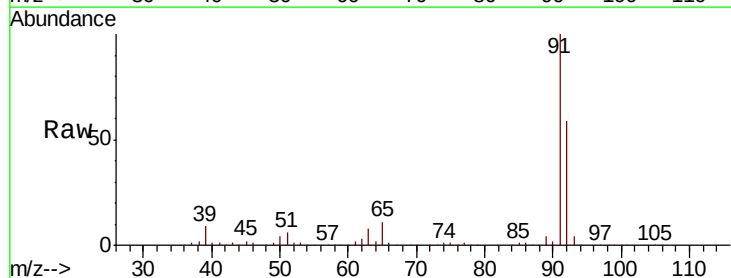
Acq: 06 Aug 2018 17:47

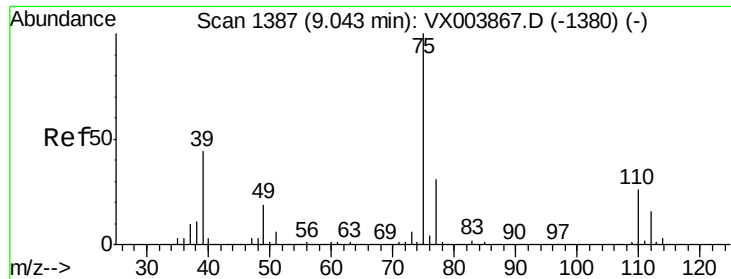
Tgt Ion: 92 Resp: 569454

Ion Ratio Lower Upper

92 100

91 170.1 136.1 204.1





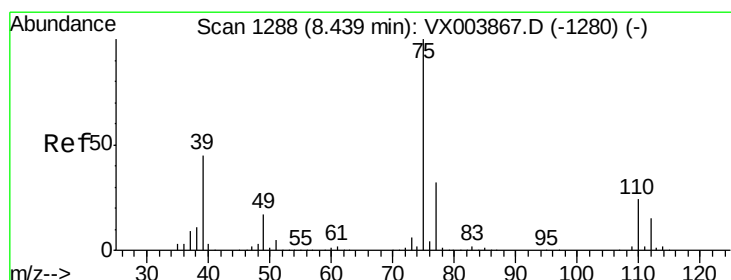
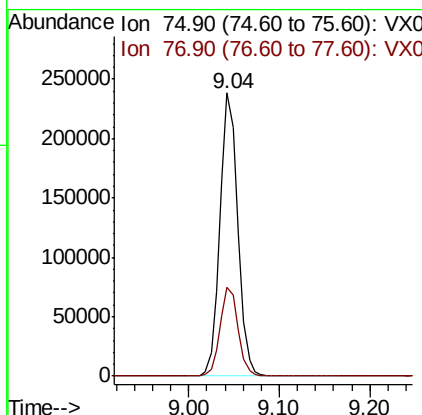
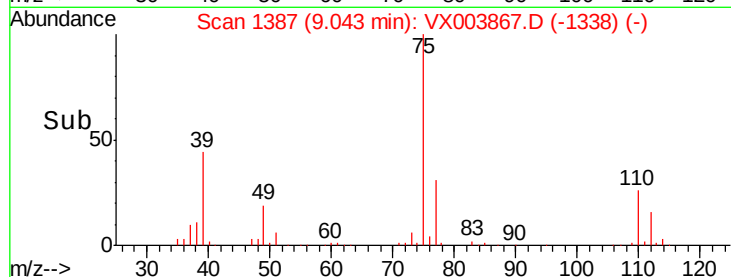
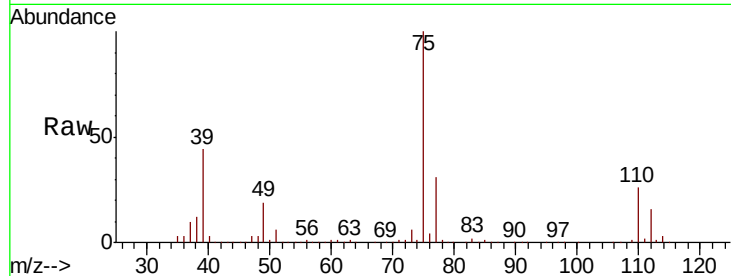
#53
 t-1,3-Dichloropropene
 Concen: 54.00 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VX003867.D
 Acq: 06 Aug 2018 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.1	37.7

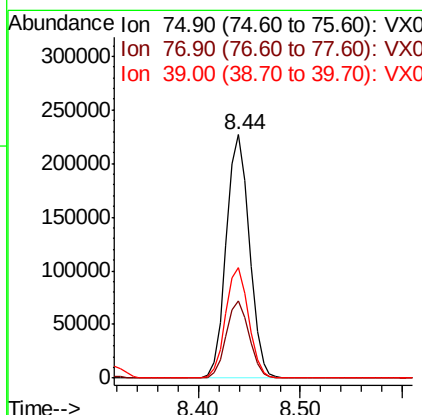
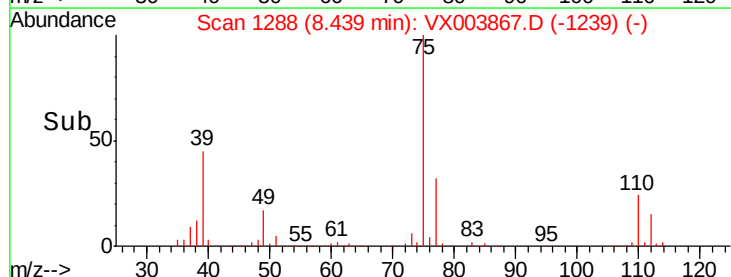
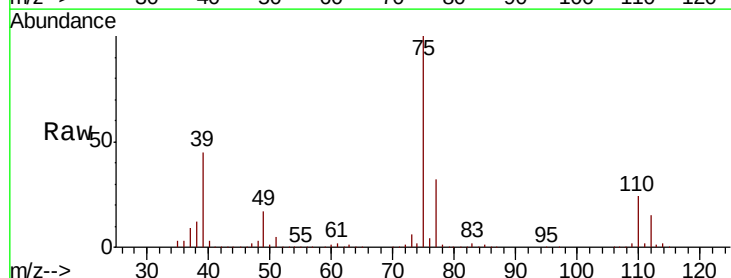
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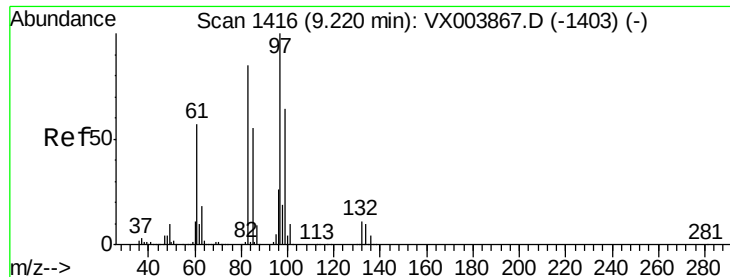
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#54
 cis-1,3-Dichloropropene
 Concen: 53.93 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003867.D
 Acq: 06 Aug 2018 17:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.3	37.9
39	45.2	36.2	54.2





#55

1,1,2-Trichloroethane

Concen: 49.99 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

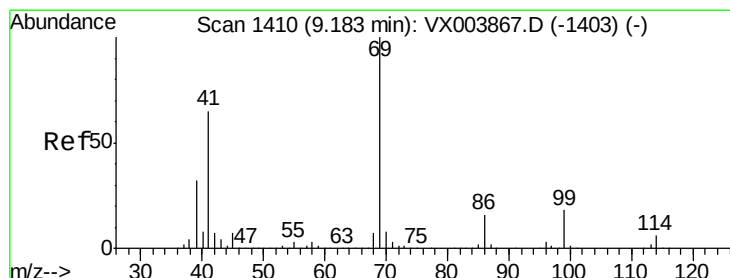
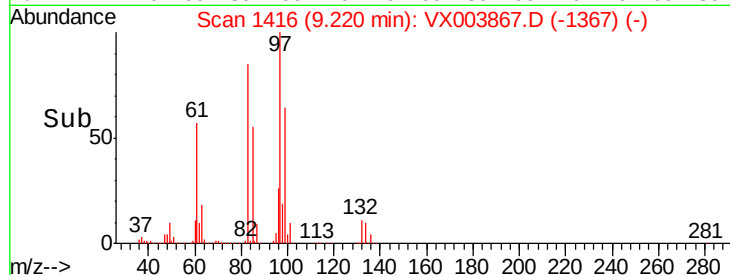
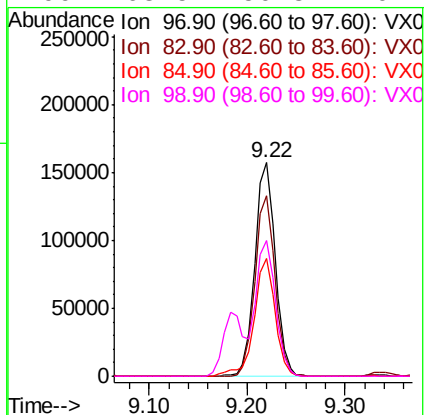
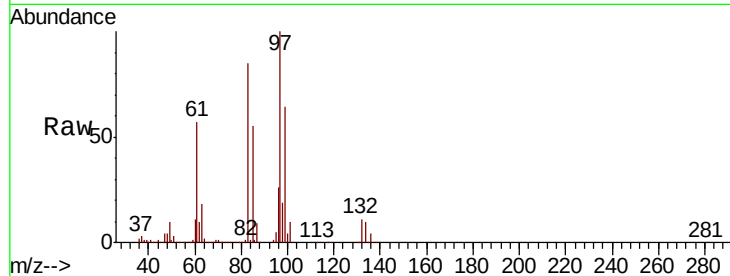
VSTDICCC050

Tot Ion: 97 Resp: 228822

Ion	Ratio	Lower	Upper
97	100		
83	84.7	67.8	101.6
85	55.2	44.2	66.2
99	63.5	50.8	76.2

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#56

Ethyl methacrylate

Concen: 54.67 ug/l

RT: 9.18 min Scan# 1410

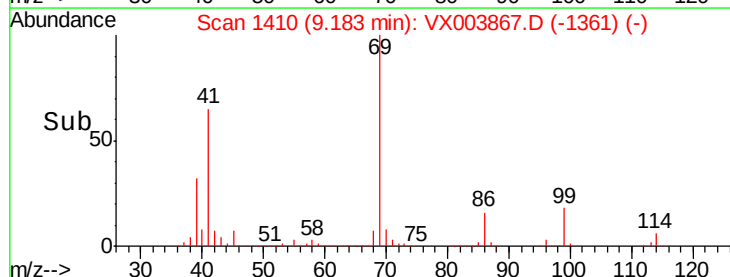
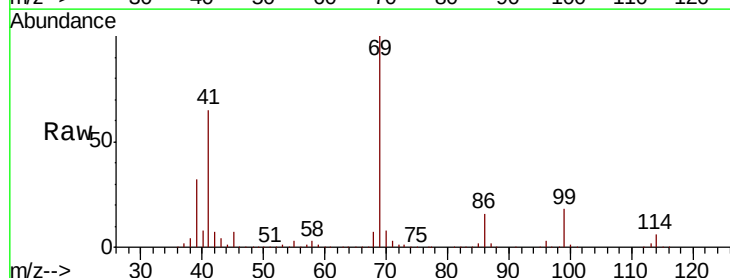
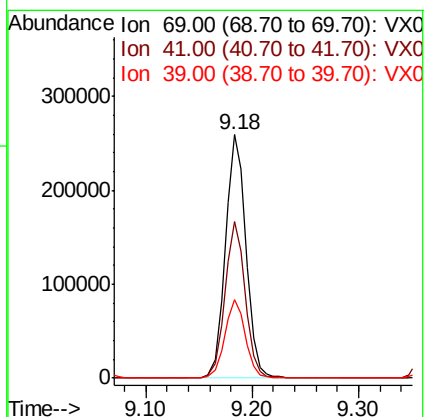
Delta R.T. 0.00 min

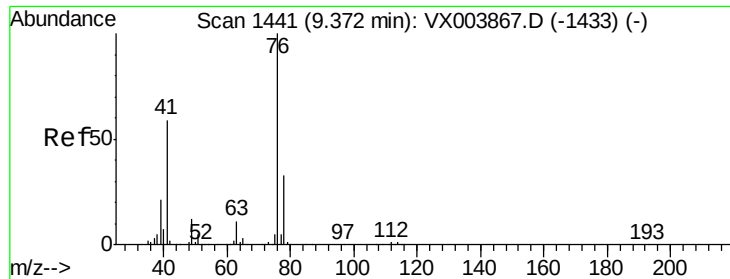
Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

Tgt Ion: 69 Resp: 350726

Ion	Ratio	Lower	Upper
69	100		
41	63.3	50.6	76.0
39	32.2	25.8	38.6





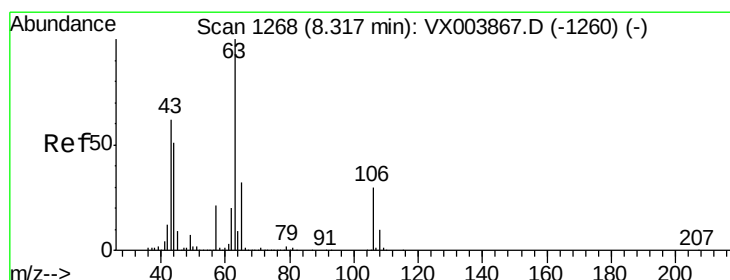
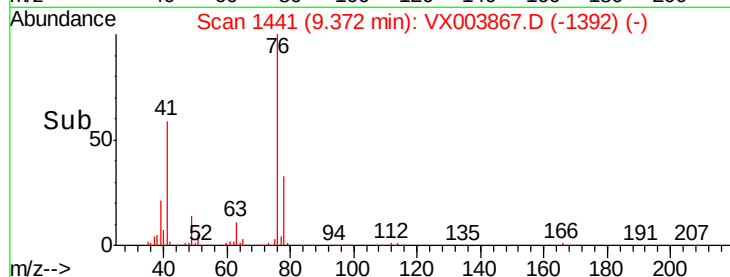
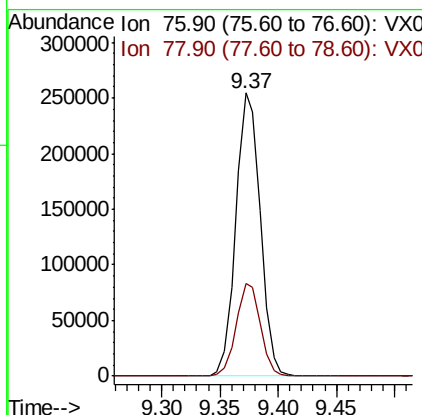
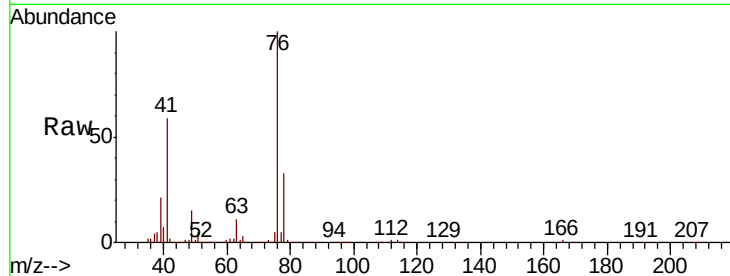
#57
 1,3-Dichloropropane
 Concen: 50.09 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX003867.D
 Acq: 06 Aug 2018 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.9	38.9

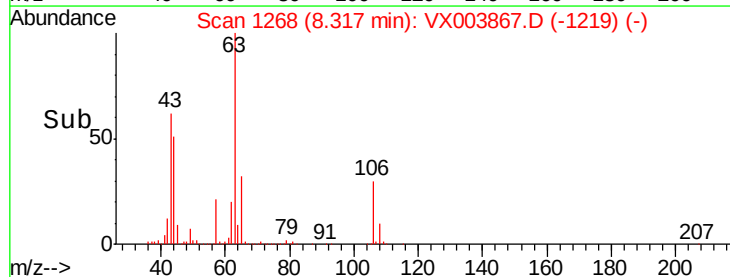
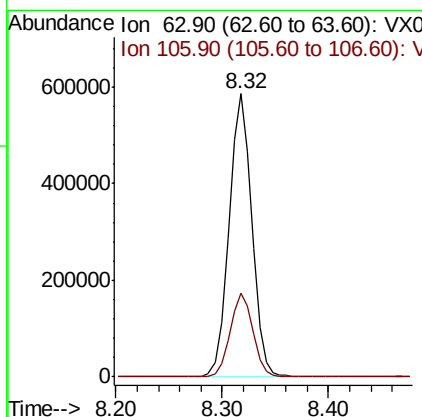
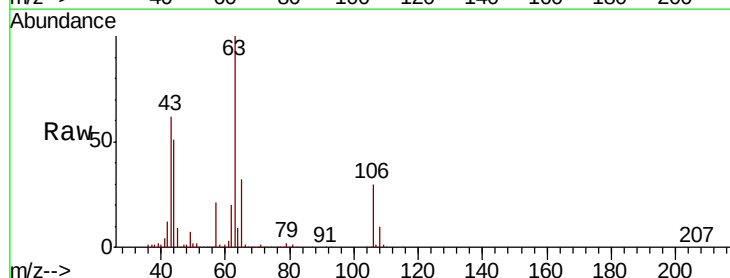
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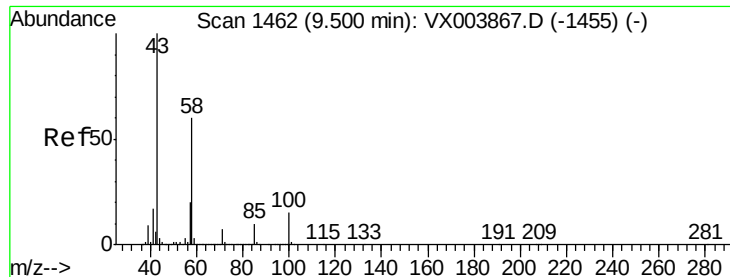
MMDadoda
 8/7/2018 1:12:56 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 266.96 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003867.D
 Acq: 06 Aug 2018 17:47

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.8	23.8	35.8





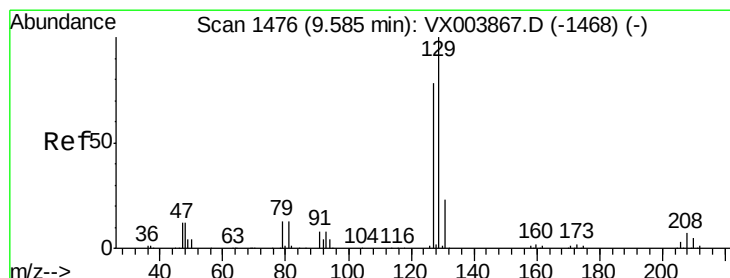
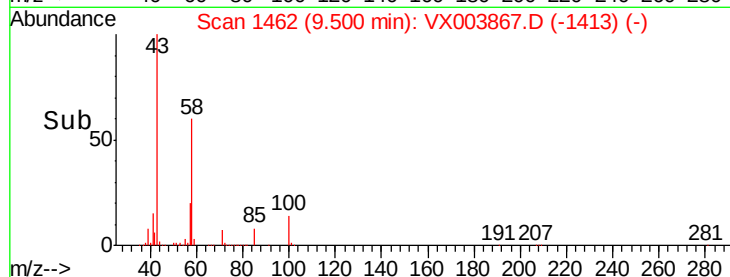
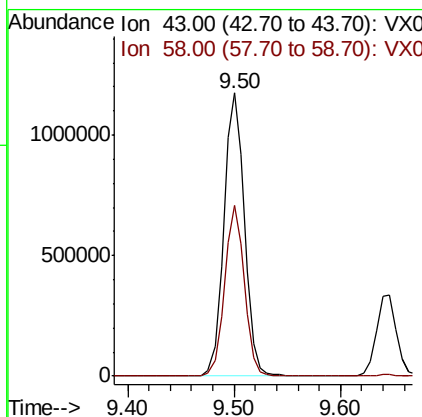
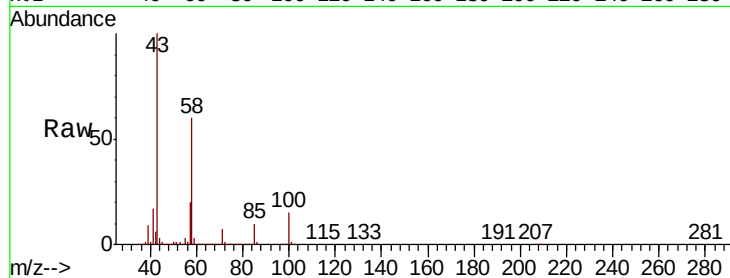
#59
2-Hexanone
Concen: 253.76 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003867.D
Acq: 06 Aug 2018 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 1585237
Ion Ratio Lower Upper
43 100
58 58.0 29.0 87.0

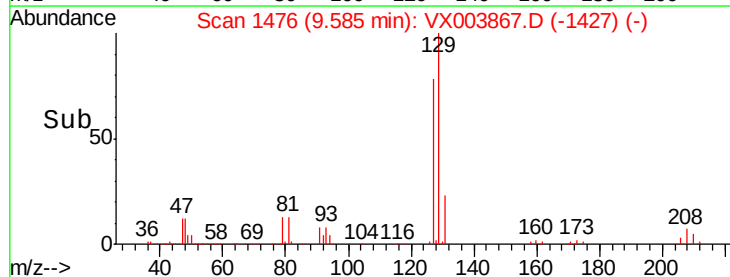
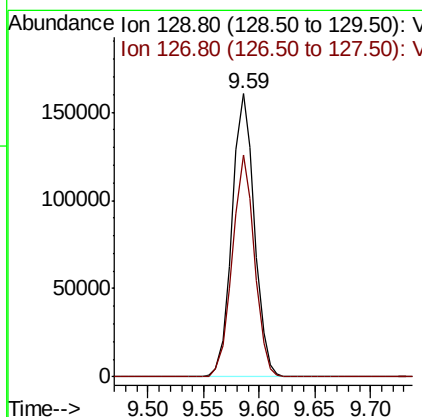
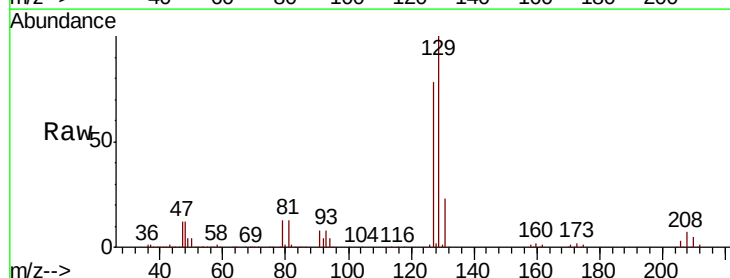
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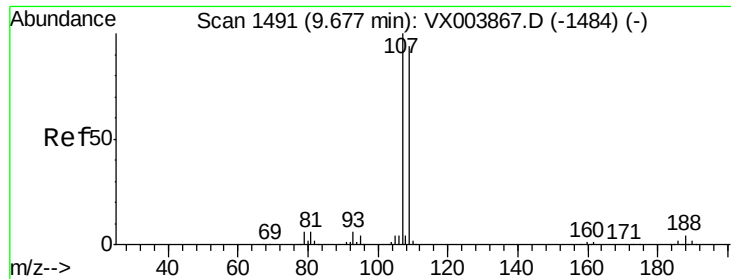
MMDadoda
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#60
Dibromochloromethane
Concen: 50.14 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003867.D
Acq: 06 Aug 2018 17:47

Tgt Ion: 129 Resp: 223099
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.3





#61

1,2-Dibromoethane

Concen: 49.27 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 107 Resp: 229743

Ion Ratio Lower Upper

107 100

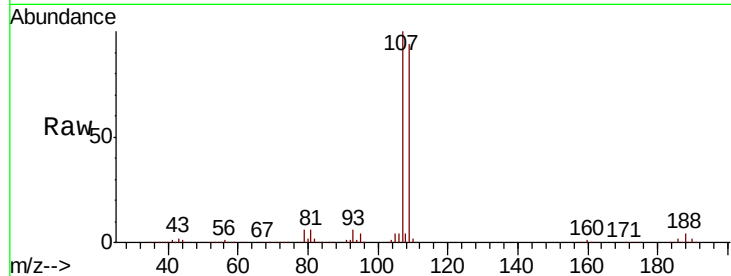
109 94.8 75.8 113.8

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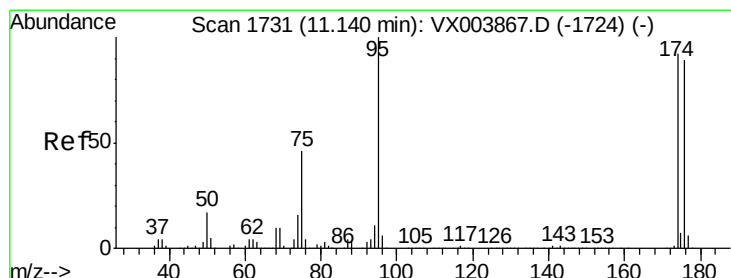
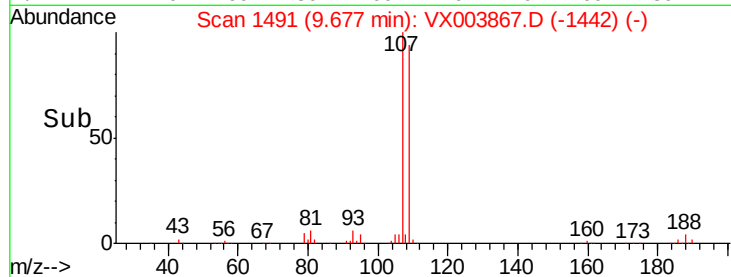
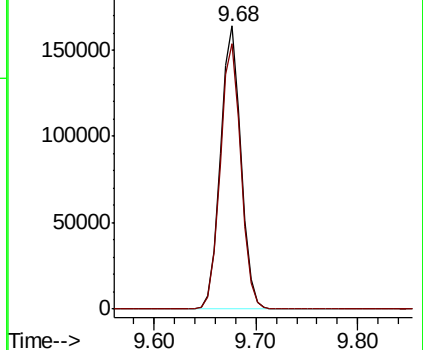
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 44.03 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

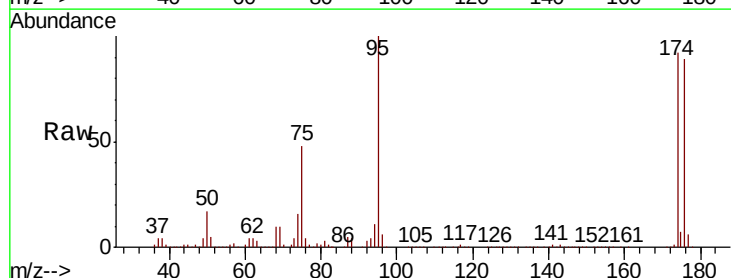
Tgt Ion: 95 Resp: 245168

Ion Ratio Lower Upper

95 100

174 91.4 0.0 182.8

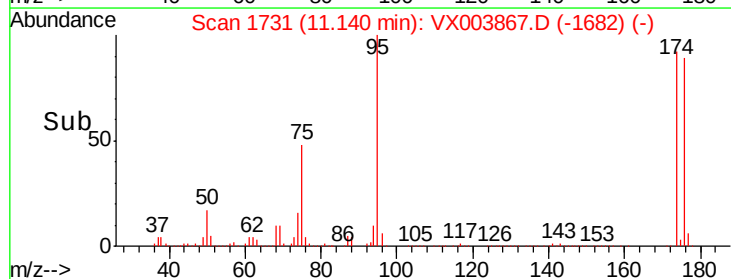
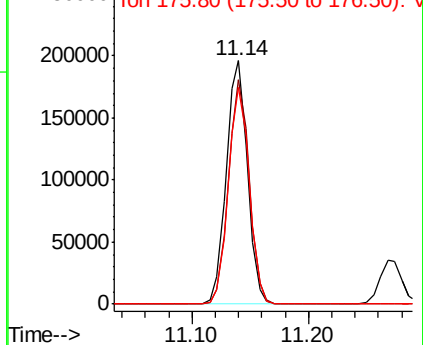
176 89.5 0.0 179.0

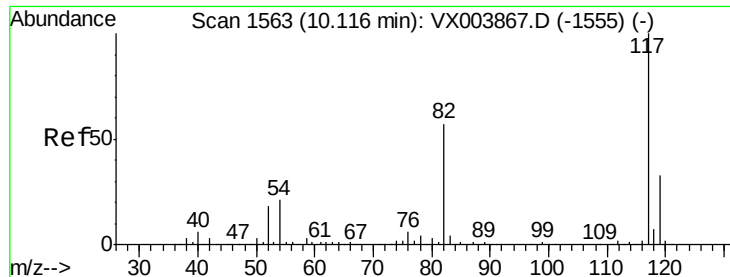


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





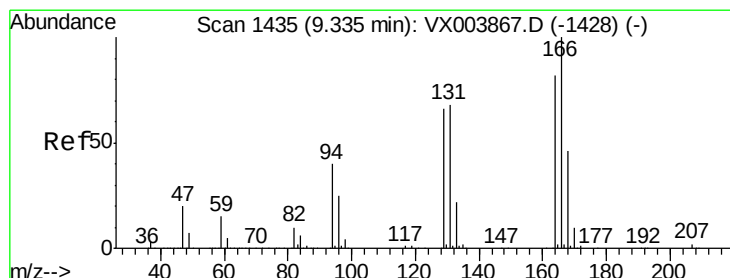
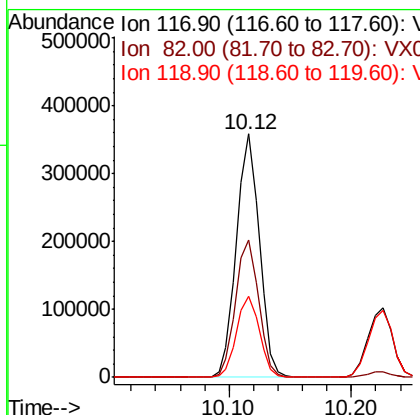
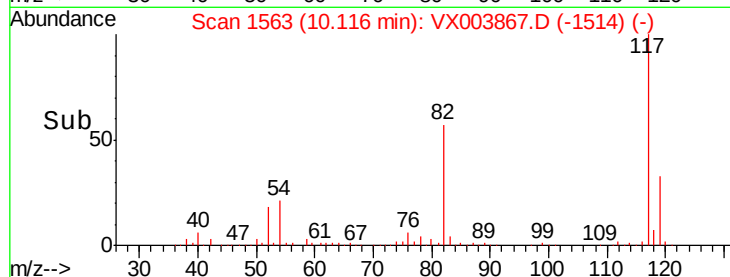
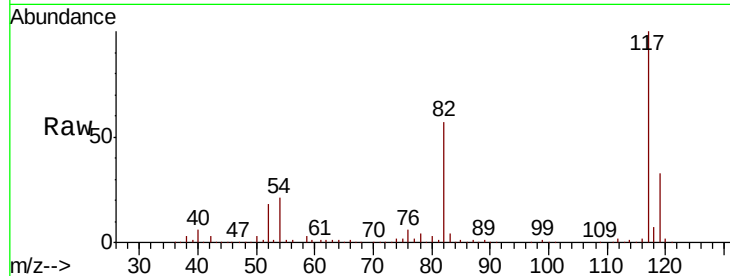
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003867.D
Acq: 06 Aug 2018 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	465693		
82	56.7	45.4	68.0	
119	33.3	26.6	40.0	

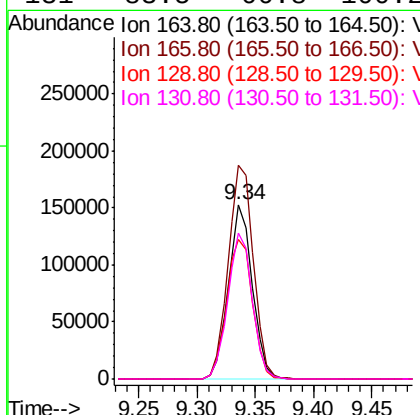
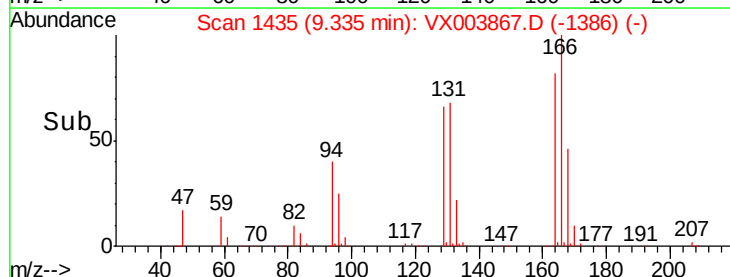
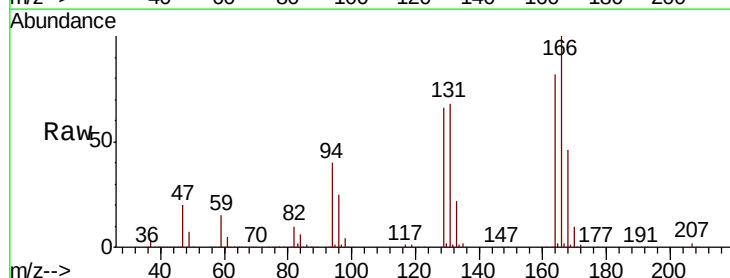
Manual Integrations
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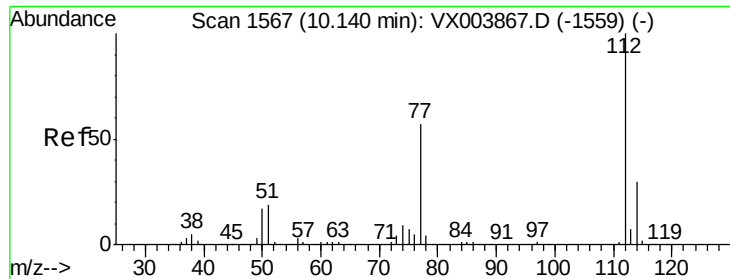
MMDadoda
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#64
Tetrachloroethene
Concen: 50.48 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003867.D
Acq: 06 Aug 2018 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	217665		
166	122.5	98.0	147.0	
129	80.4	64.3	96.5	
131	83.5	66.8	100.2	





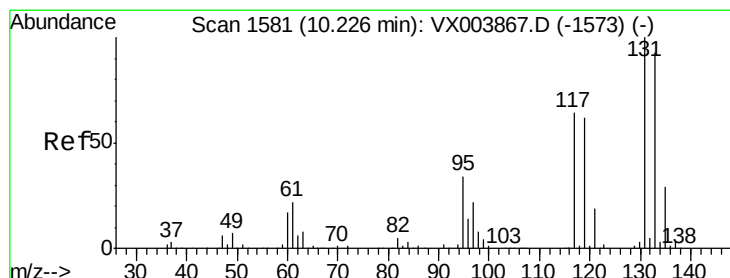
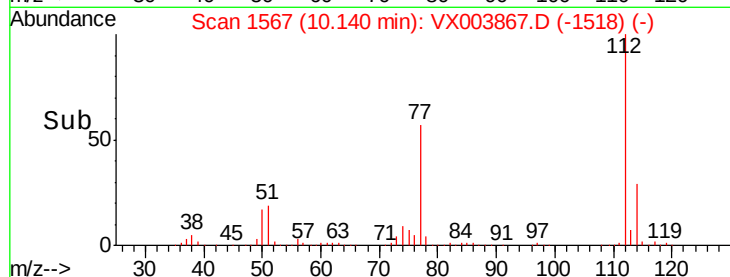
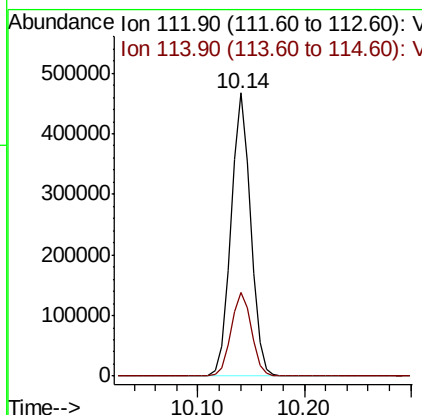
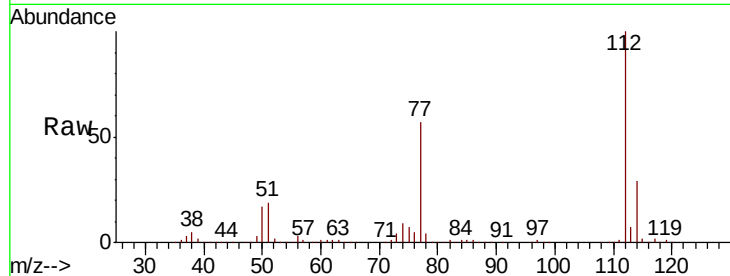
#65
Chlorobenzene
Concen: 52.24 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003867.D
Acq: 06 Aug 2018 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 606475
Ion Ratio Lower Upper
112 100
114 29.5 23.6 35.4

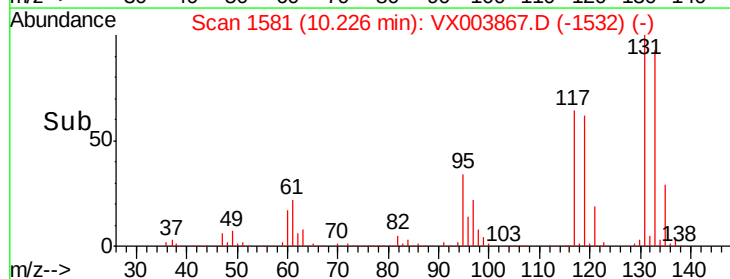
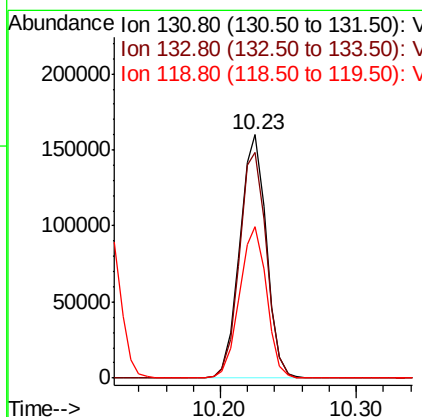
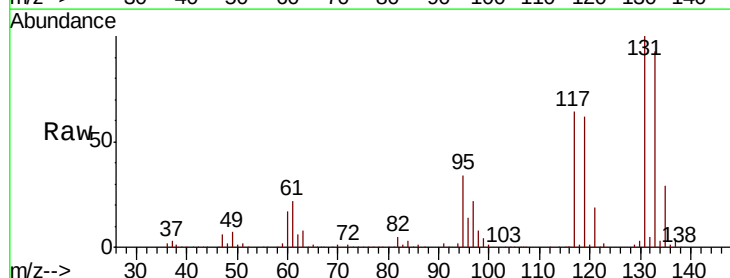
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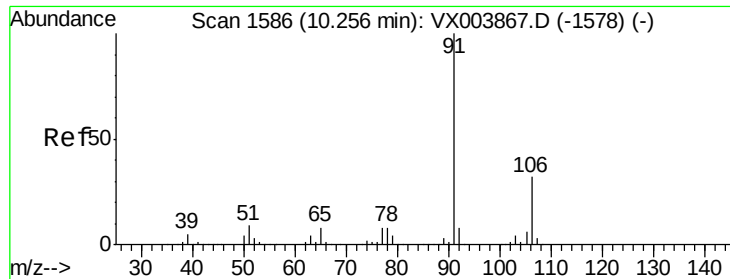
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.45 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003867.D
Acq: 06 Aug 2018 17:47

Tgt Ion:131 Resp: 217752
Ion Ratio Lower Upper
131 100
133 94.5 47.3 141.8
119 63.2 31.6 94.8





#67

Ethyl Benzene

Concen: 54.29 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 1013604

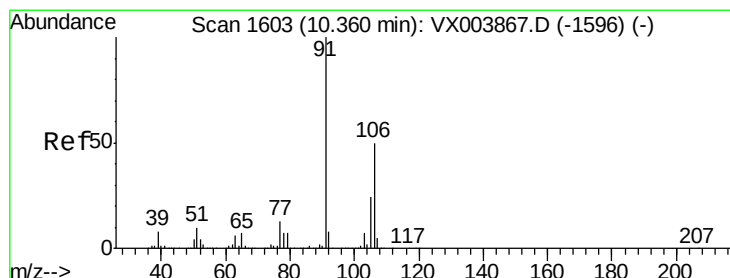
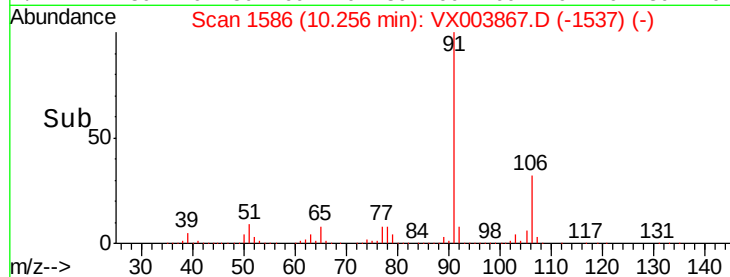
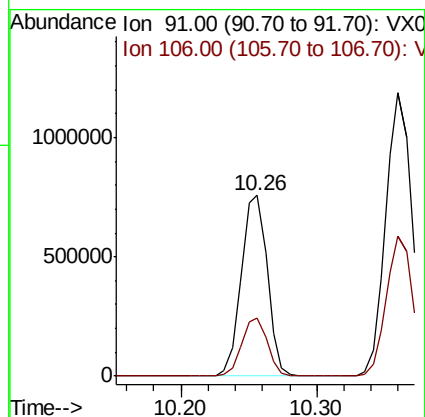
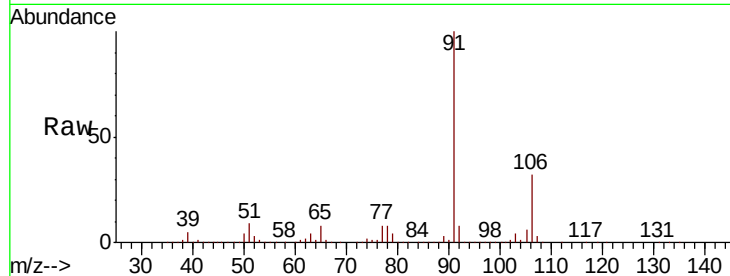
Ion Ratio Lower Upper

91 100

106 32.4 25.9 38.9

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#68

m/p-Xylenes

Concen: 108.57 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003867.D

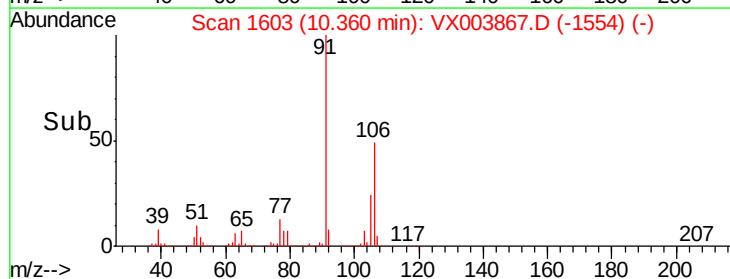
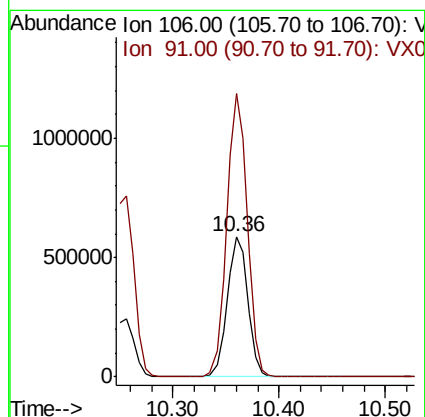
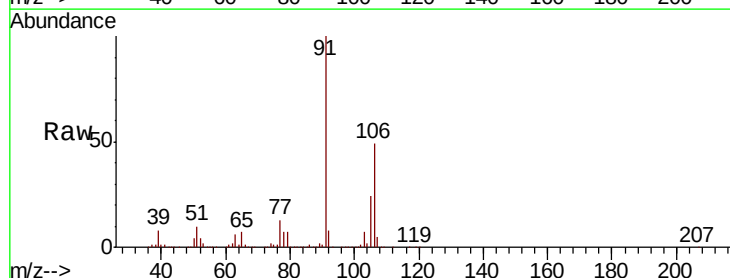
Acq: 06 Aug 2018 17:47

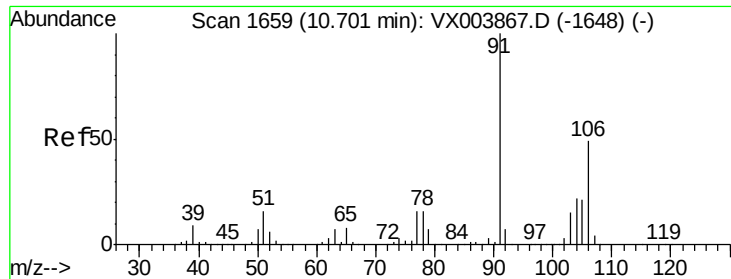
Tgt Ion: 106 Resp: 790556

Ion Ratio Lower Upper

106 100

91 202.9 162.3 243.5





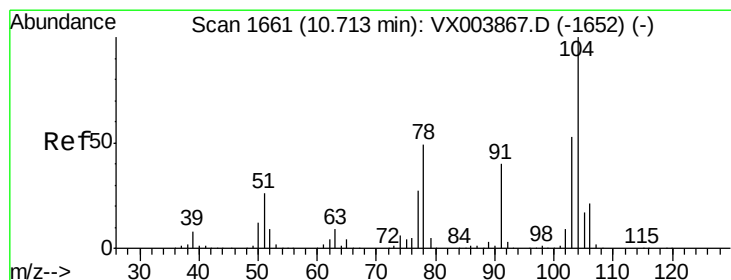
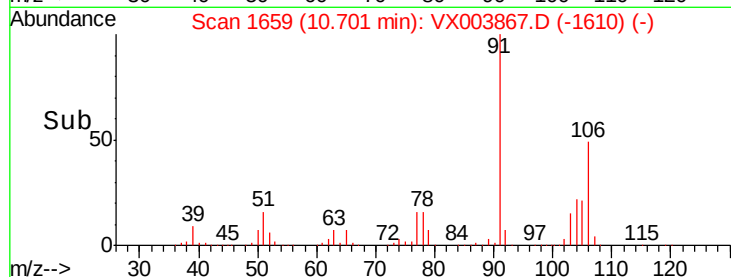
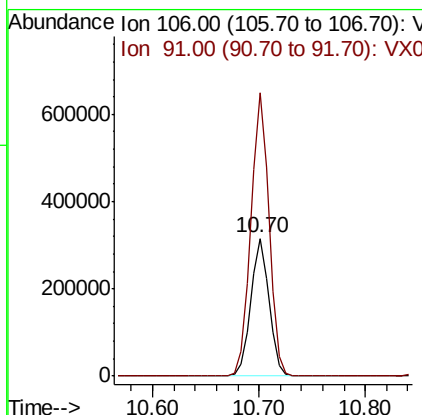
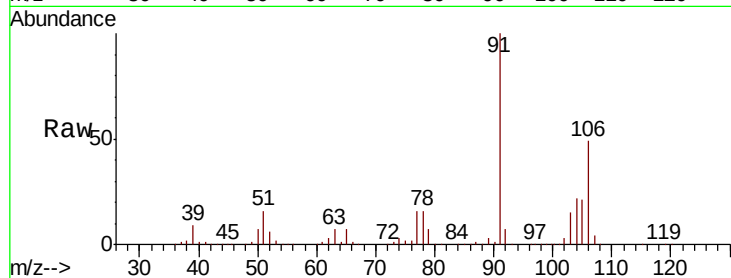
#69
o-Xylene
Concen: 54.73 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003867.D
Acq: 06 Aug 2018 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	203.8	101.9	305.7	

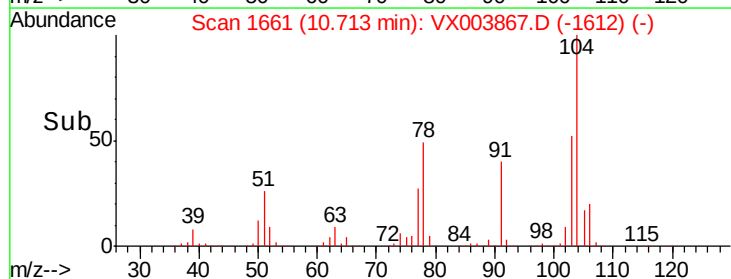
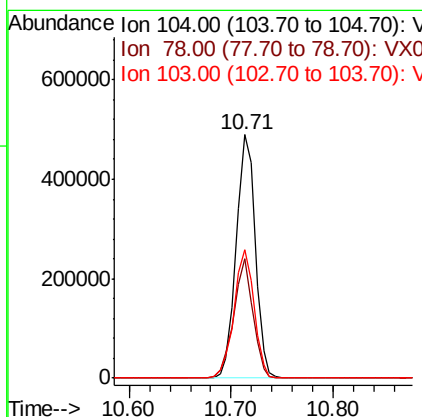
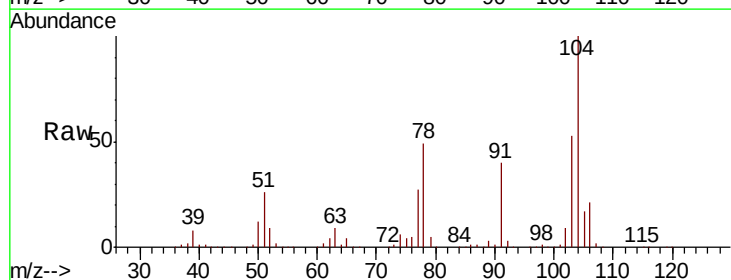
Manual Integrations
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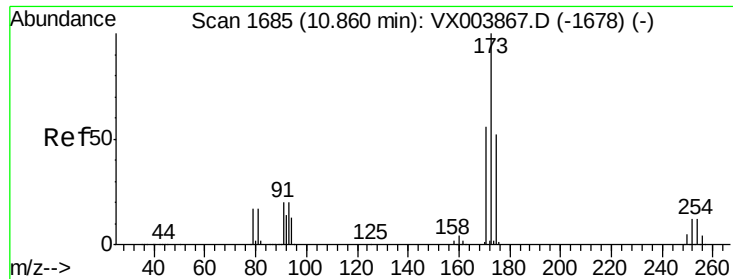
MMDadoda
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#70
Styrene
Concen: 54.44 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003867.D
Acq: 06 Aug 2018 17:47

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.7	39.8	59.6	
103	55.4	44.3	66.5	





#71

Bromoform

Concen: 49.82 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:173 Resp: 164945

Ion Ratio Lower Upper

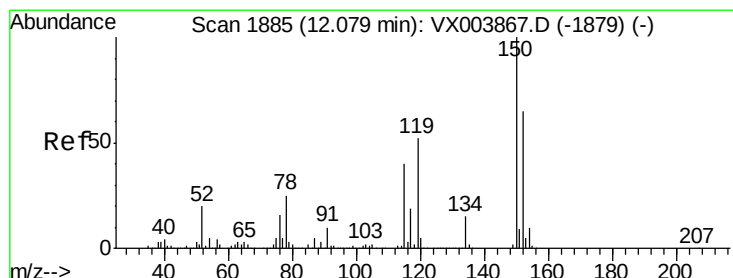
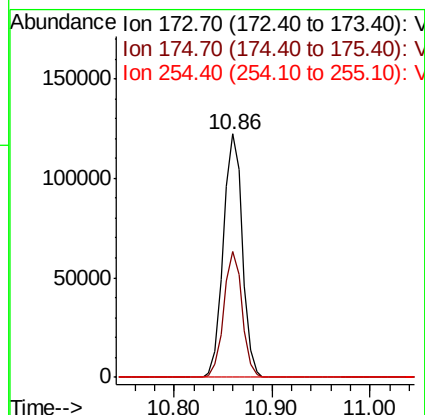
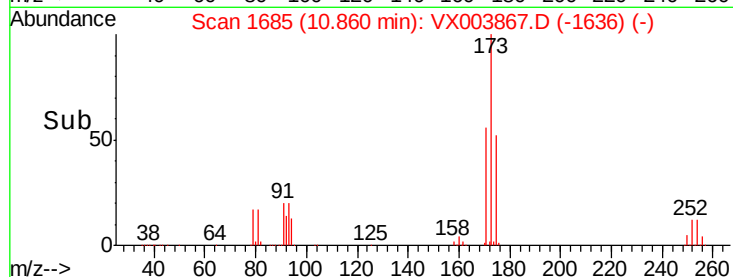
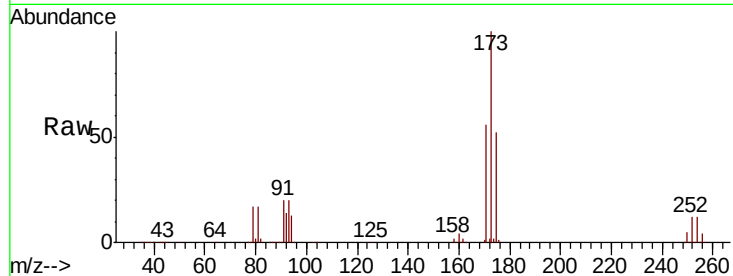
173 100

175 49.8 24.9 74.7

254 0.2 0.2 0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

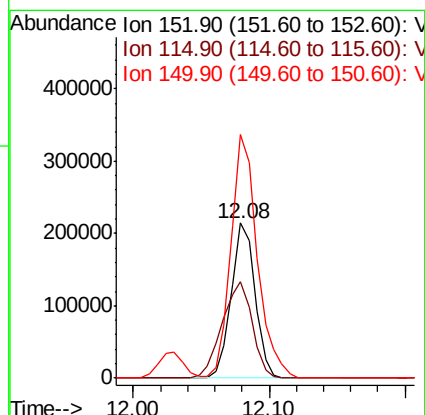
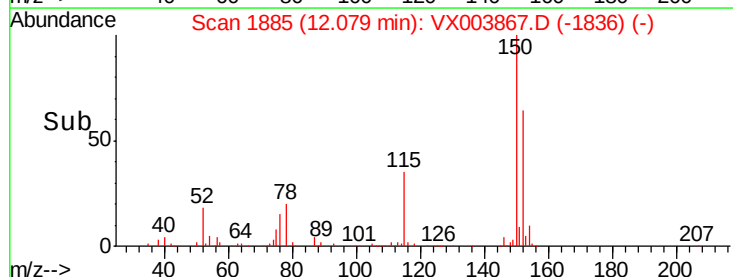
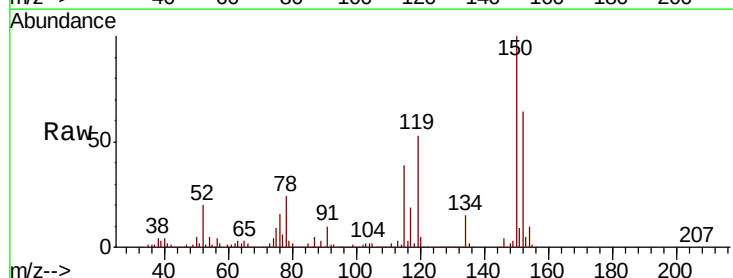
Tgt Ion:152 Resp: 260347

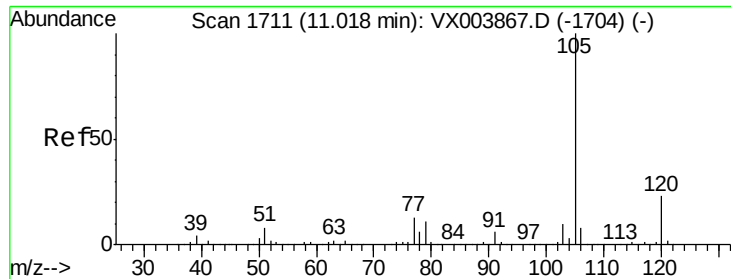
Ion Ratio Lower Upper

152 100

115 78.2 39.1 117.3

150 174.6 0.0 349.2





#73

Isopropylbenzene

Concen: 58.66 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 1020296

Ion Ratio Lower Upper

105 100

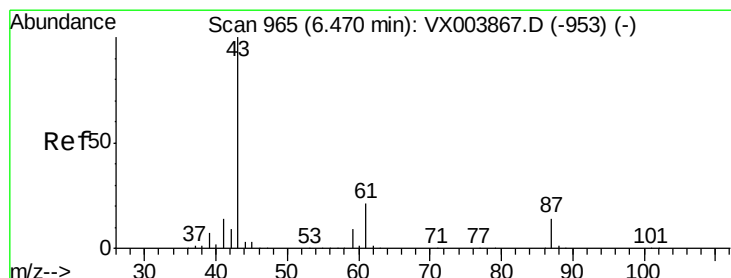
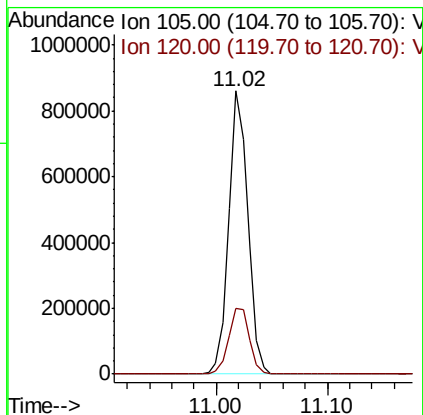
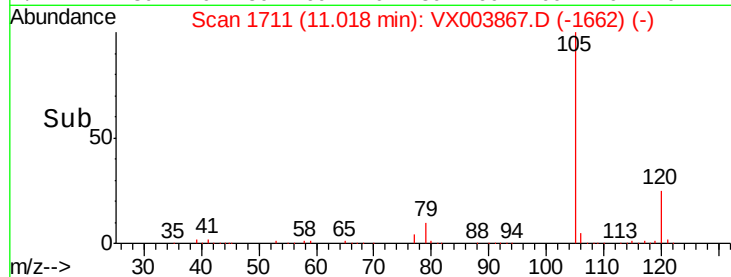
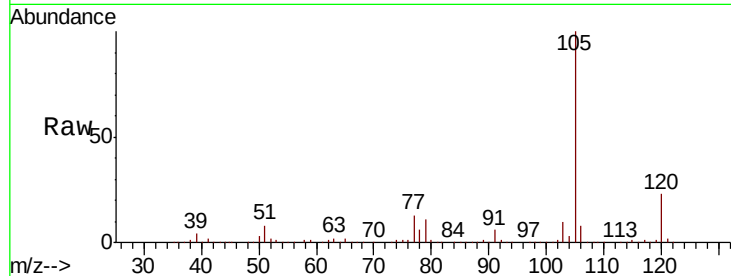
120 25.2 12.6 37.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 58.27 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

Tgt Ion: 43 Resp: 496857

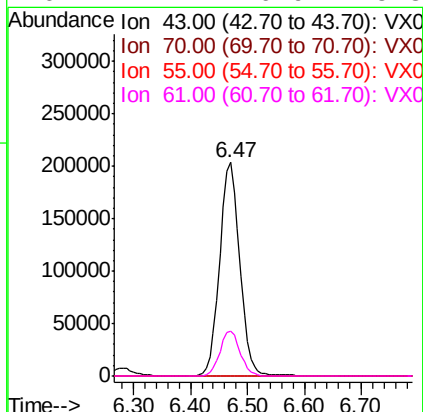
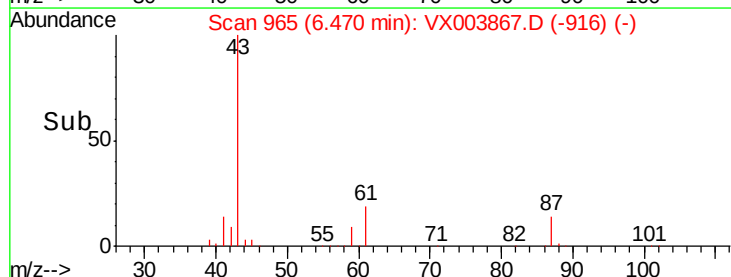
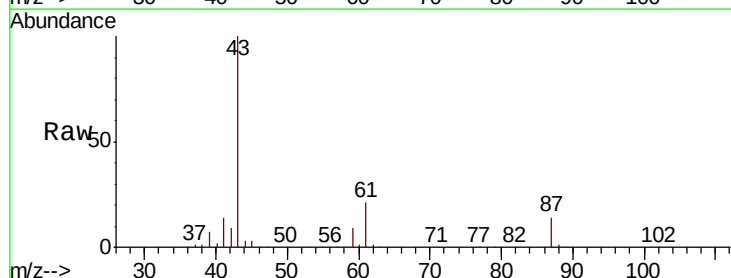
Ion Ratio Lower Upper

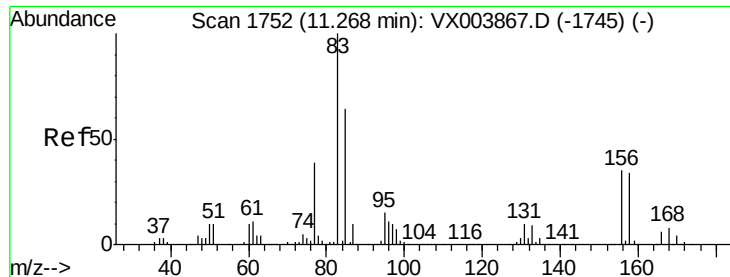
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 21.1 16.9 25.3





#75

1,1,2,2-Tetrachloroethane

Concen: 50.61 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 83 Resp: 308324

Ion Ratio Lower Upper

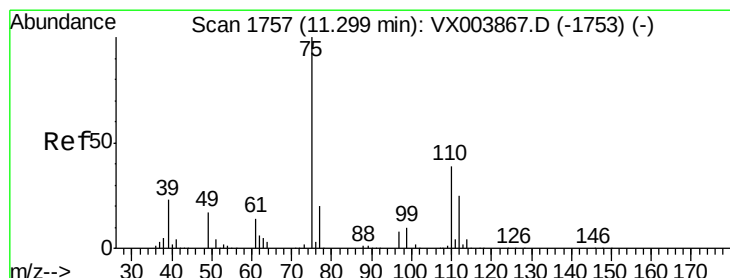
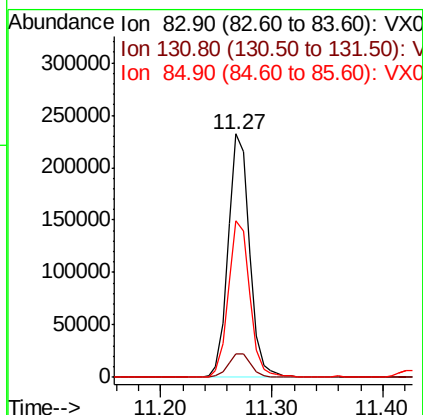
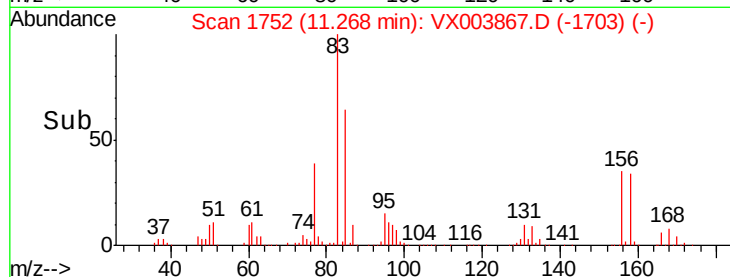
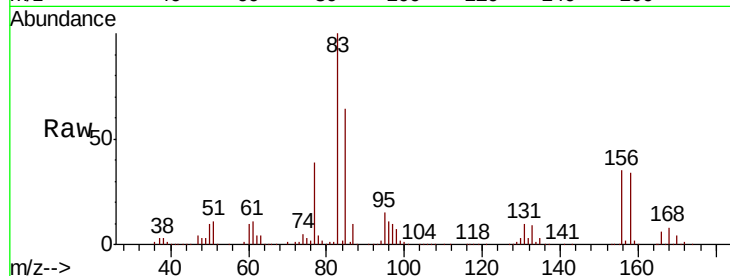
83 100

131 10.4 5.2 15.6

85 64.4 32.2 96.6

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#76

1,2,3-Trichloropropane

Concen: 52.27 ug/l m

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003867.D

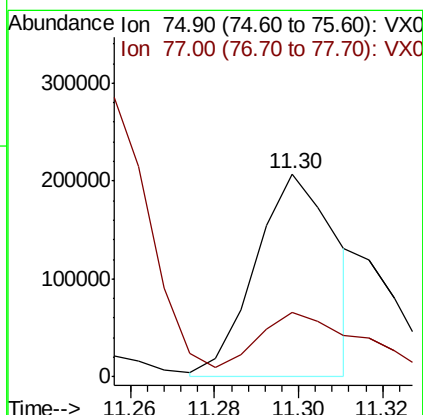
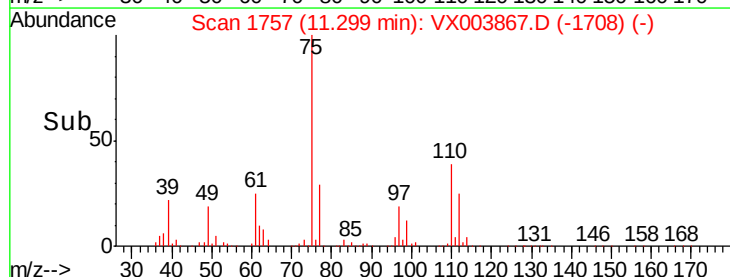
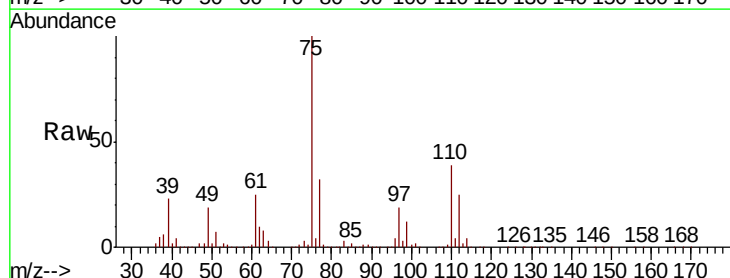
Acq: 06 Aug 2018 17:47

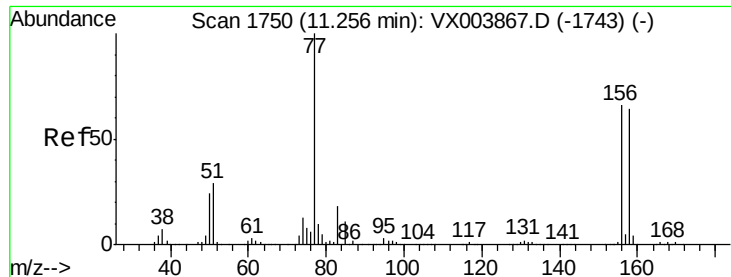
Tgt Ion: 75 Resp: 275909

Ion Ratio Lower Upper

75 100

77 41.7 20.8 62.5





#77

Bromobenzene

Concen: 50.61 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:156 Resp: 240428

Ion Ratio Lower Upper

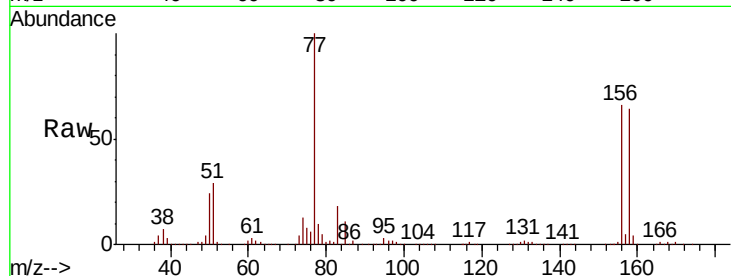
156 100

77 148.1 74.1 222.2

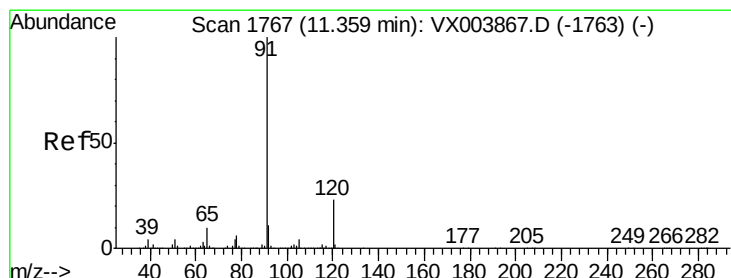
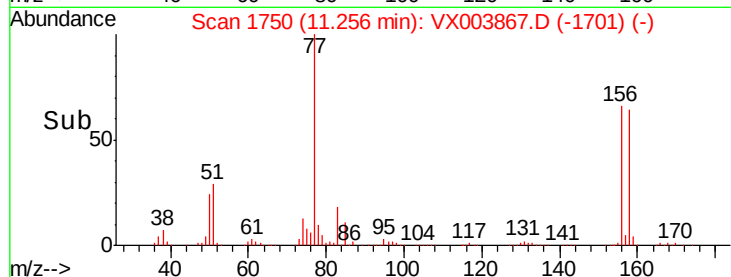
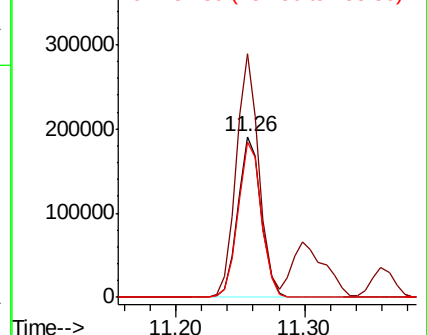
158 97.3 48.6 145.9

Manual Integrations
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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.34 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003867.D

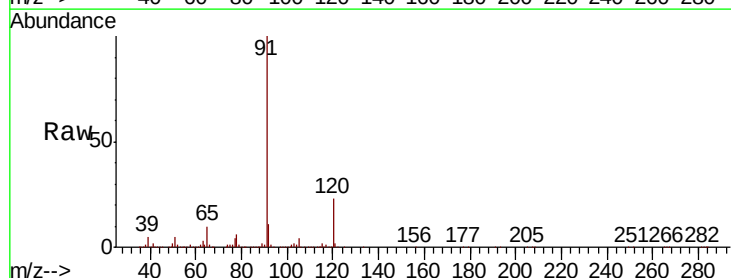
Acq: 06 Aug 2018 17:47

Tgt Ion: 91 Resp: 1071802

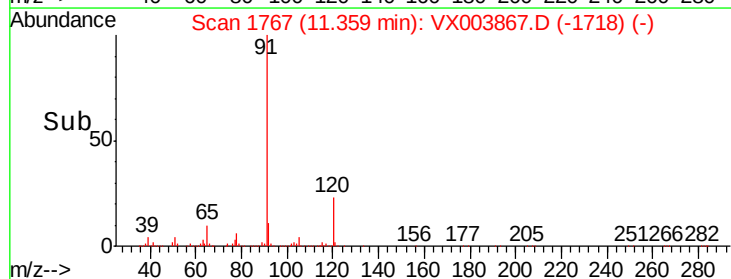
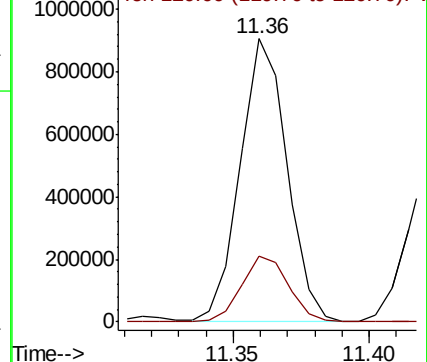
Ion Ratio Lower Upper

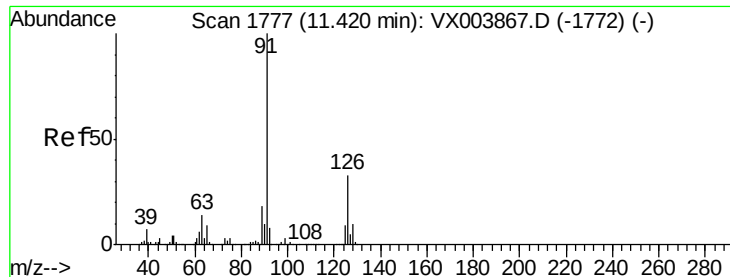
91 100

120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.10 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 91 Resp: 628202

Ion Ratio Lower Upper

91 100

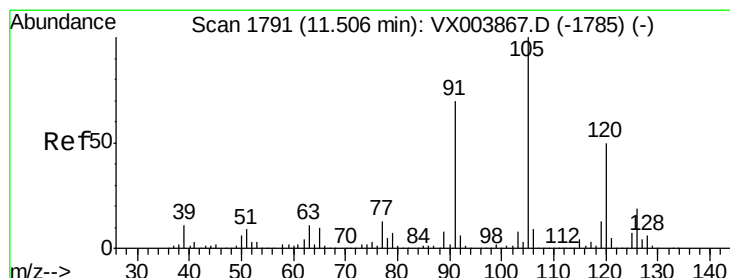
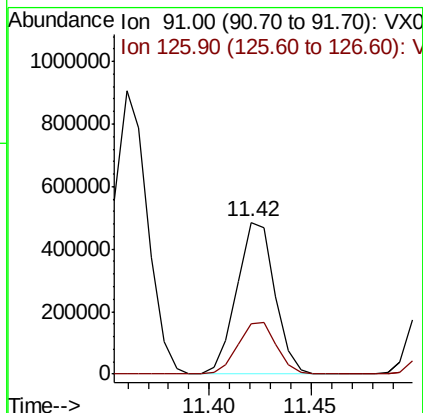
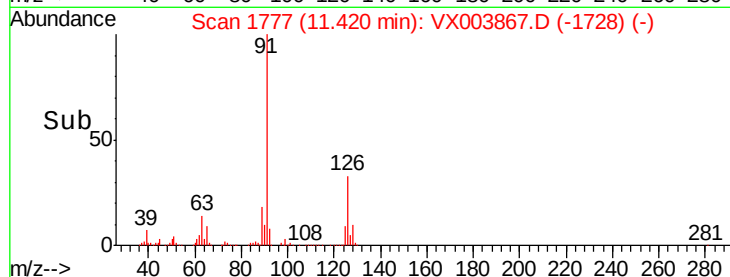
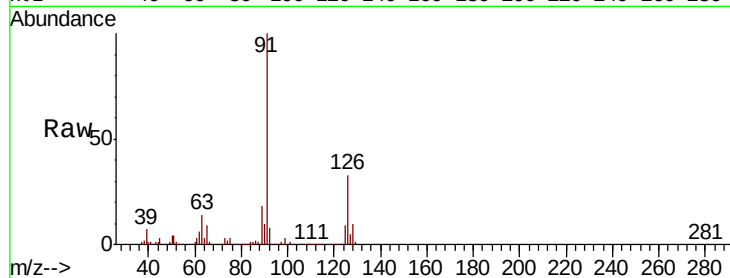
126 34.9 17.4 52.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 54.55 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX003867.D

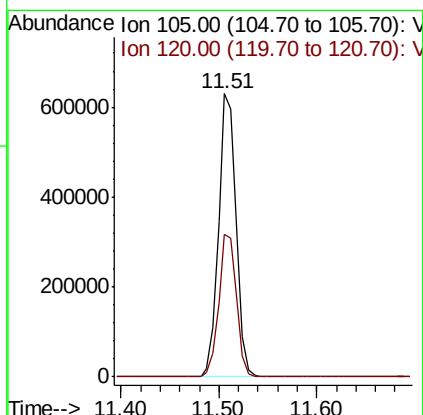
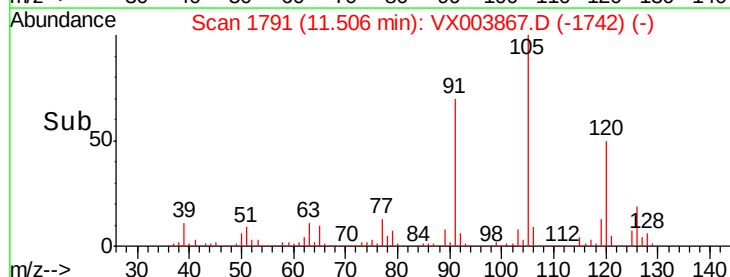
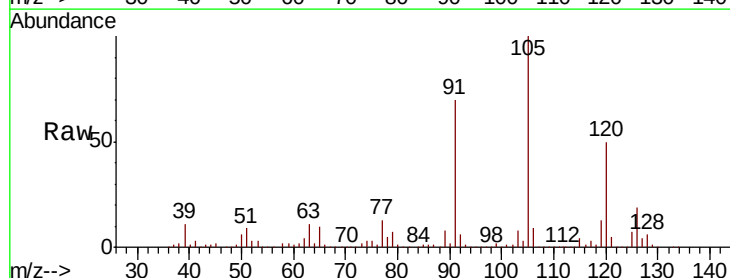
Acq: 06 Aug 2018 17:47

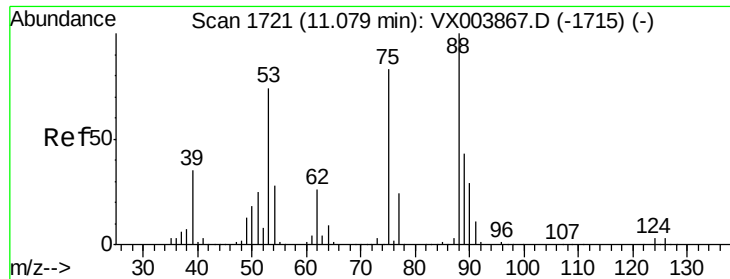
Tgt Ion: 105 Resp: 774948

Ion Ratio Lower Upper

105 100

120 50.8 25.4 76.2





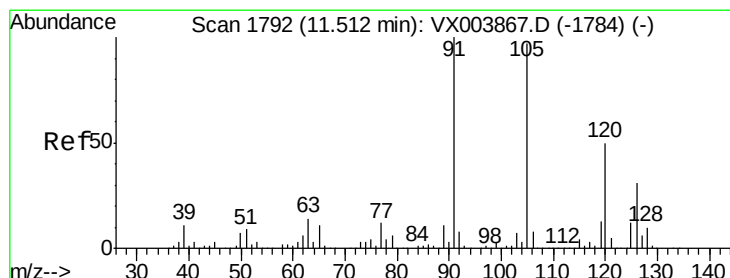
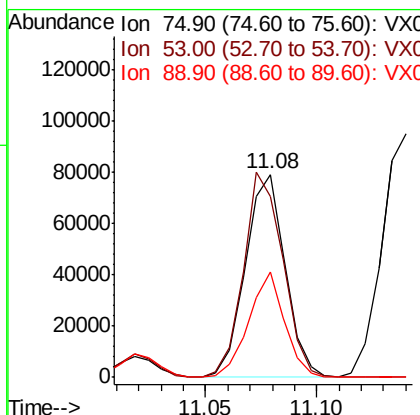
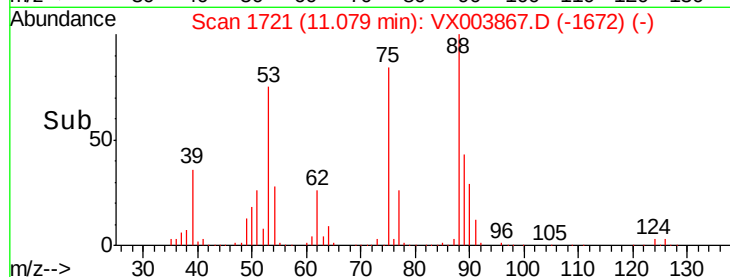
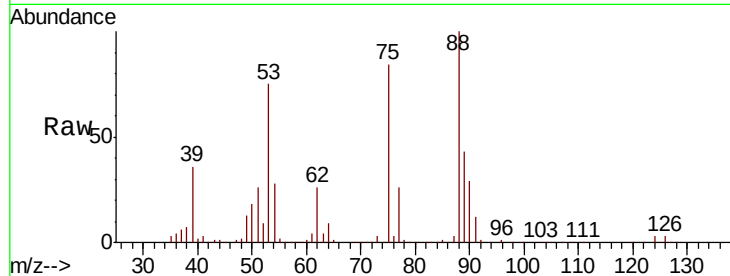
#81
trans-1,4-Dichloro-2-butene
Concen: 58.04 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003867.D
Acq: 06 Aug 2018 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.4	80.3	120.5
89	47.3	37.8	56.8

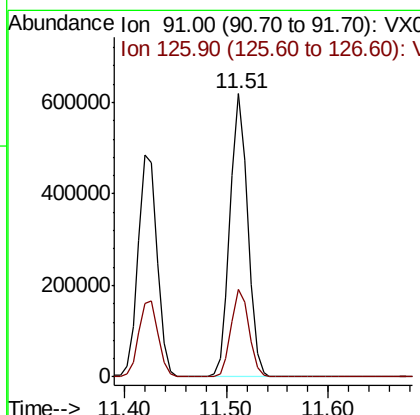
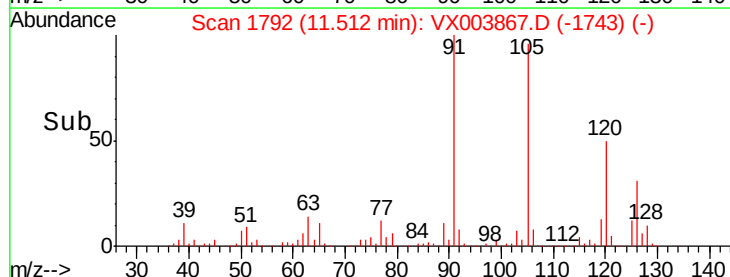
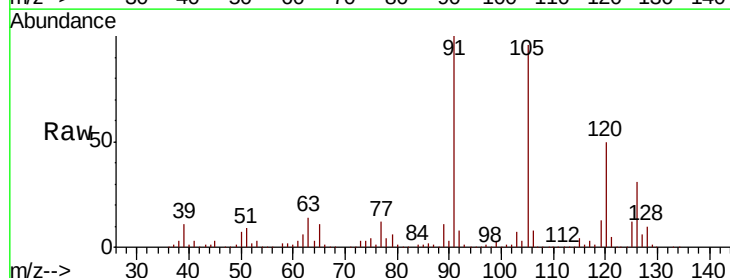
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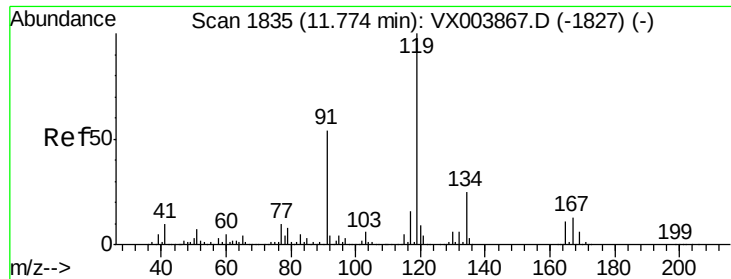
MMDadoda
8/7/2018 1:12:56 PM



#82
4-Chlorotoluene
Concen: 54.10 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003867.D
Acq: 06 Aug 2018 17:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.6	46.7





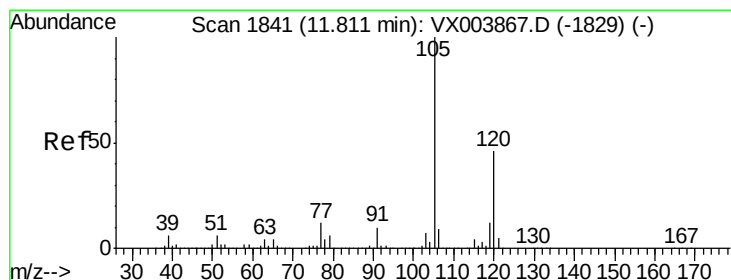
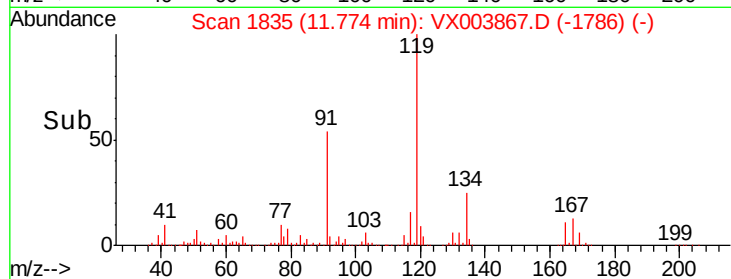
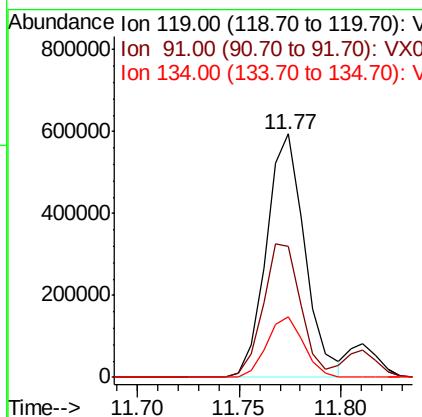
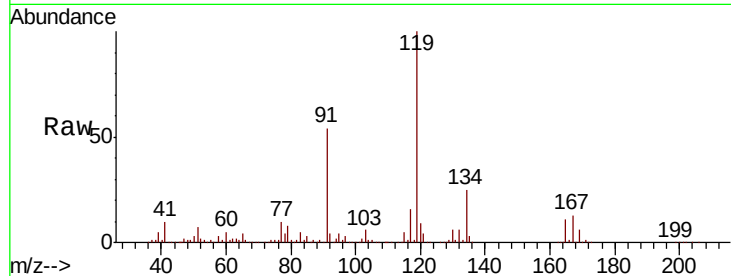
#83
 tert-Butylbenzene
 Concen: 54.19 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003867.D
 Acq: 06 Aug 2018 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	53.8	26.9	80.7
134	24.0	12.0	36.0

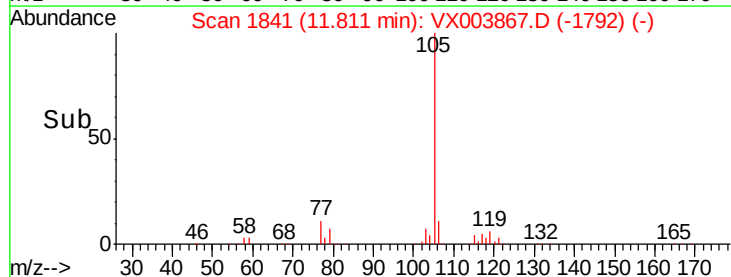
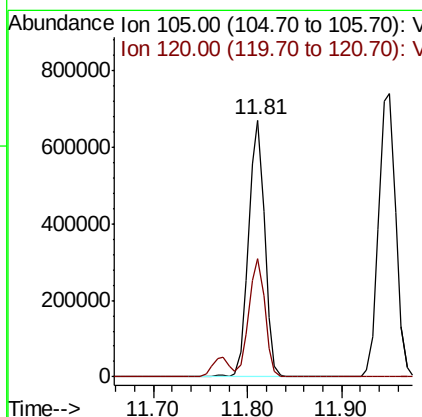
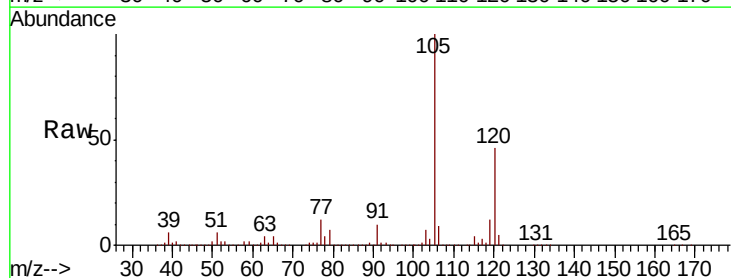
Manual Integrations
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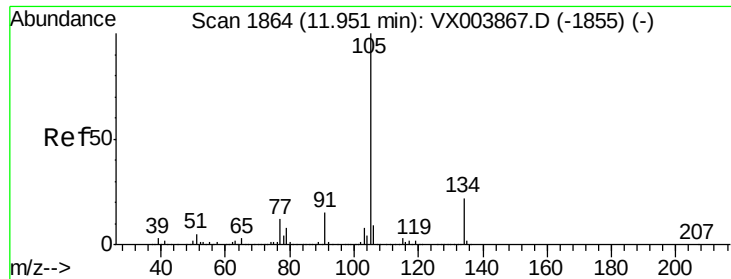
MMDadoda
 8/7/2018 1:12:56 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 54.77 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003867.D
 Acq: 06 Aug 2018 17:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.1	69.2





#85

sec-Butylbenzene

Concen: 55.60 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 936051

Ion Ratio Lower Upper

105 100

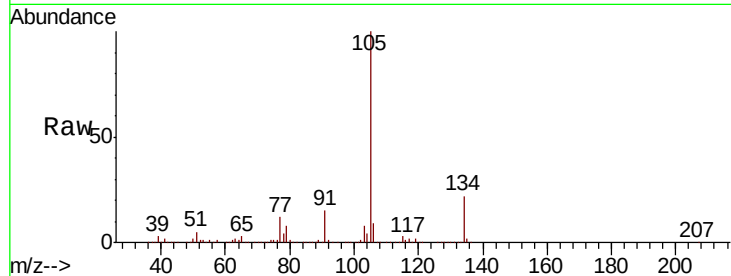
134 20.6 10.3 30.9

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

600000

400000

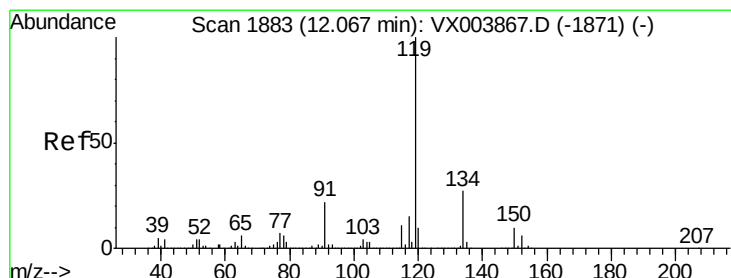
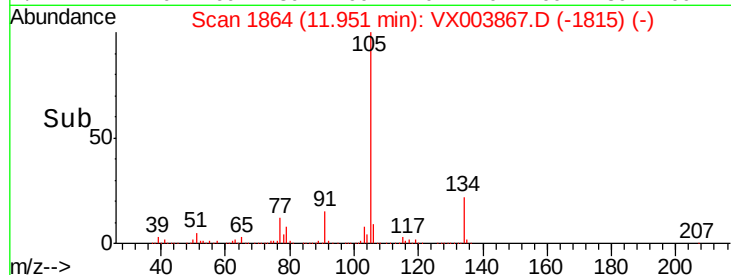
200000

0

11.90

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 55.55 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

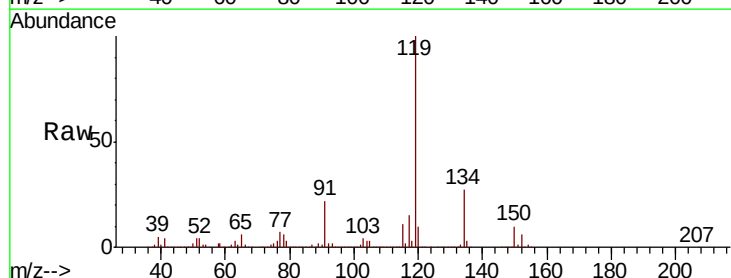
Tgt Ion:119 Resp: 842194

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 21.8 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

1000000

800000

600000

400000

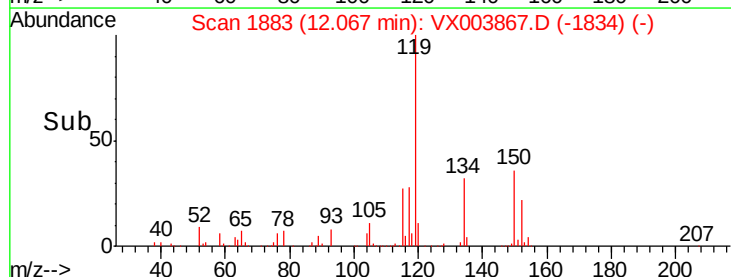
200000

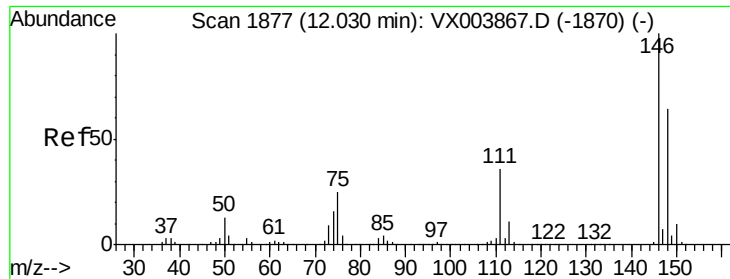
0

12.00

12.10

Time-->





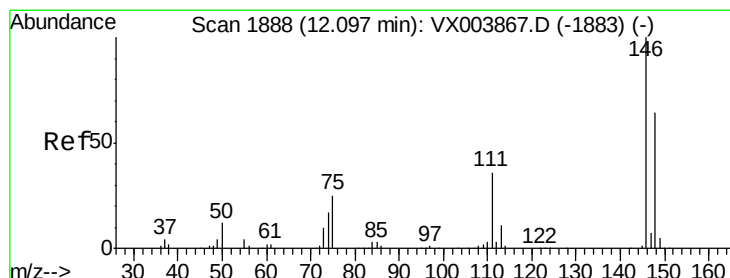
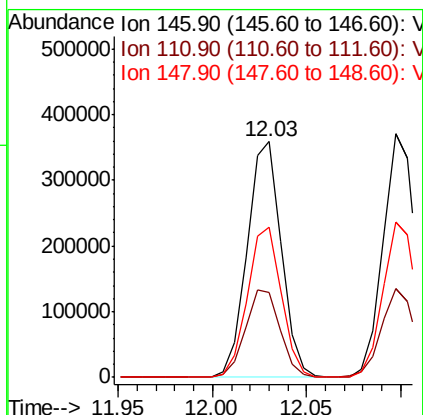
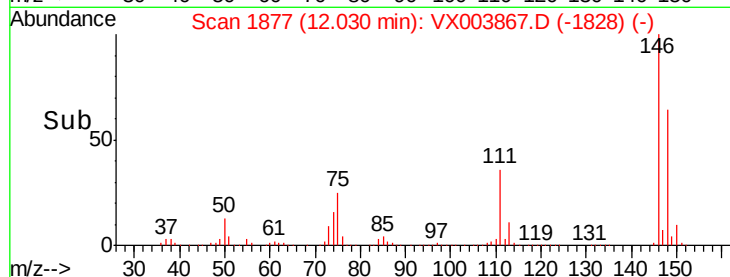
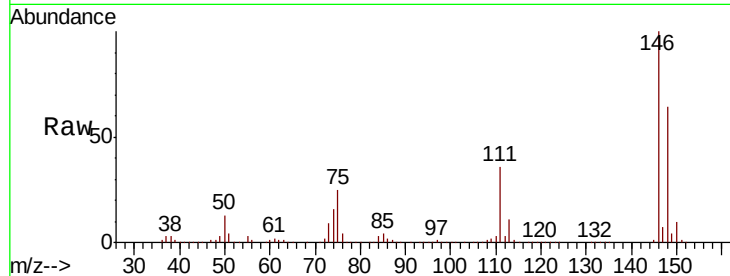
#87
 1,3-Dichlorobenzene
 Concen: 50.58 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003867.D
 Acq: 06 Aug 2018 17:47

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.8	56.4
148	63.7	31.9	95.5

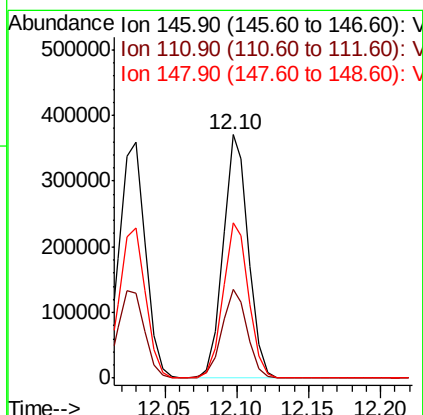
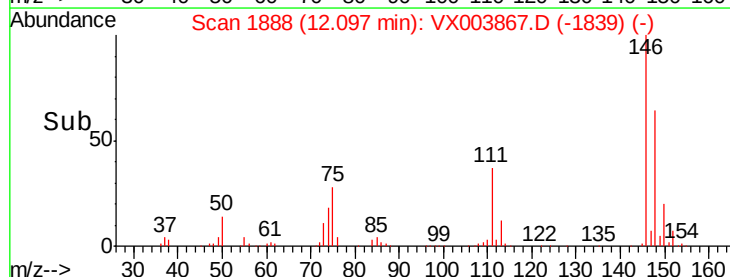
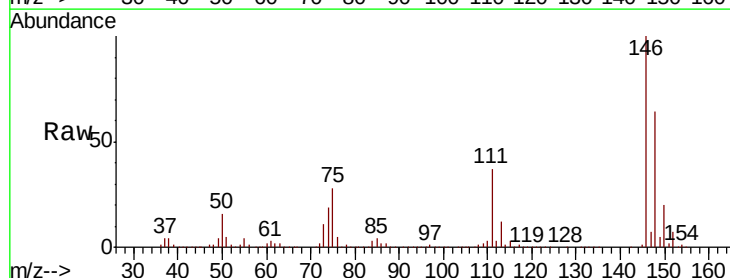
Manual Integrations
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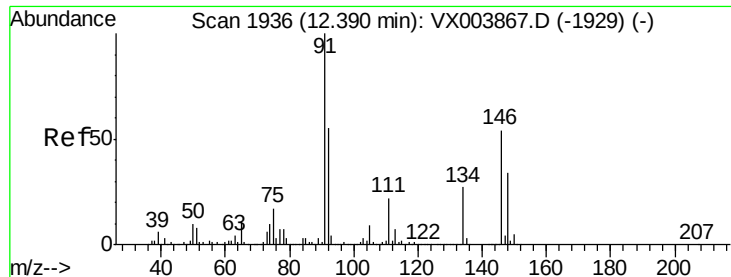
MMDadoda
 8/7/2018 1:12:56 PM



#88
 1,4-Dichlorobenzene
 Concen: 49.60 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003867.D
 Acq: 06 Aug 2018 17:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.4	55.0
148	64.5	32.3	96.8





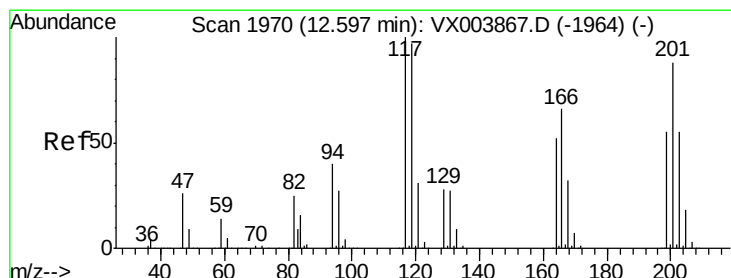
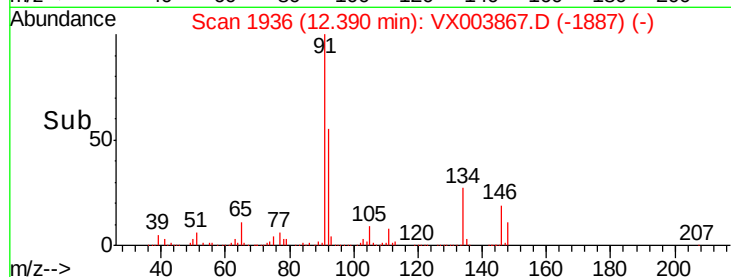
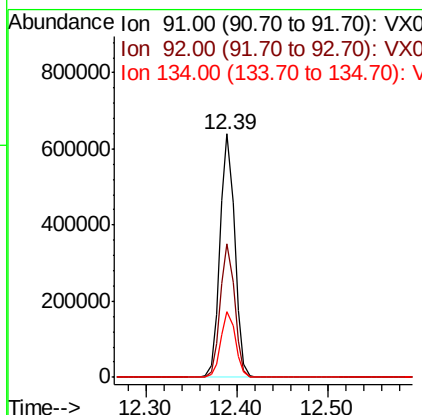
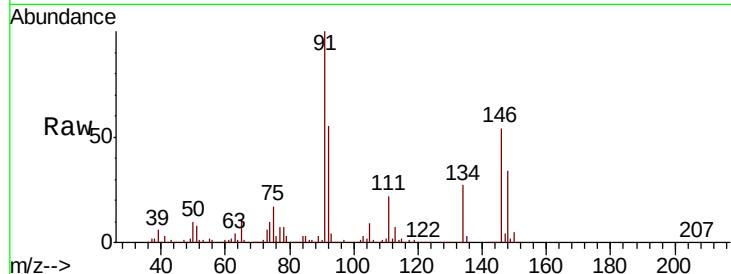
#89
n-Butylbenzene
Concen: 55.51 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003867.D
Acq: 06 Aug 2018 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.1	81.3
134	27.1	13.6	40.7

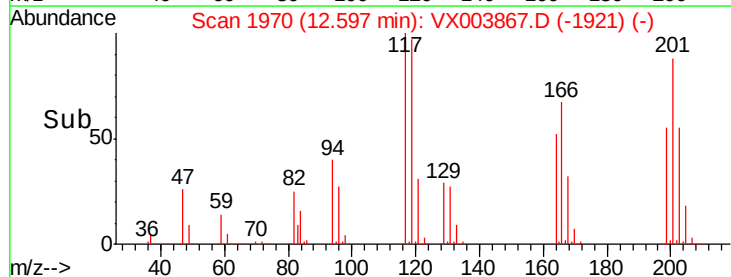
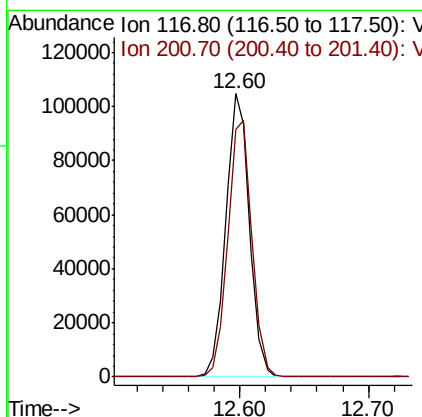
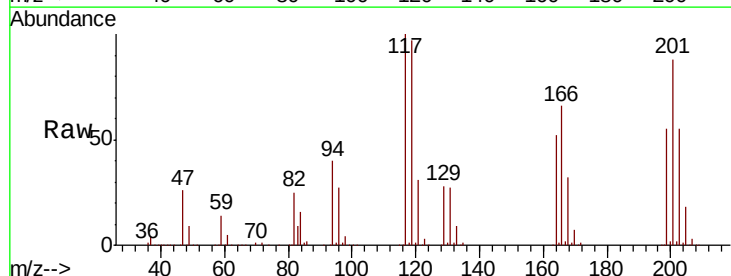
Manual Integrations
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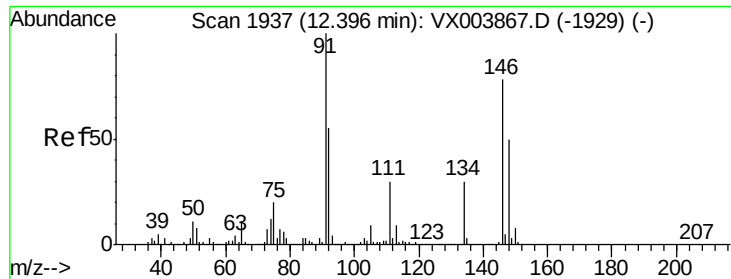
MMDadoda
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#90
Hexachloroethane
Concen: 54.81 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003867.D
Acq: 06 Aug 2018 17:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.1	46.1	138.2





#91

1,2-Dichlorobenzene

Concen: 50.09 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

Instrument :

MSVOA_X

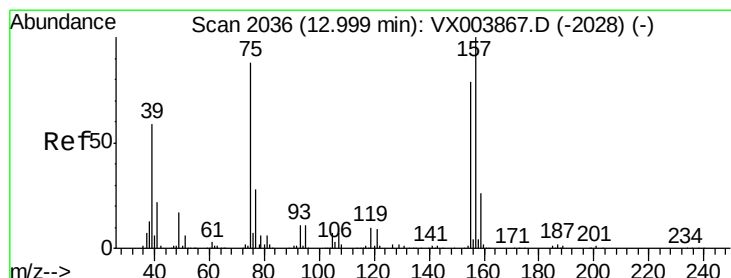
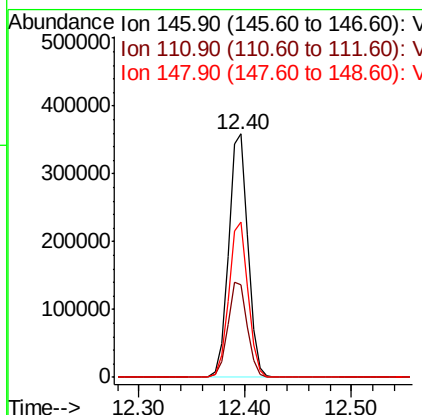
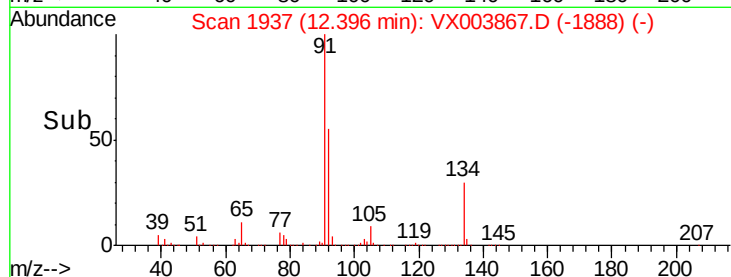
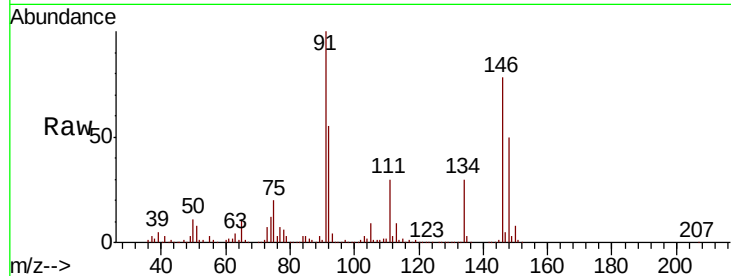
ClientSampleId :

VSTDICCC050

Tot Ion:	146	Resp:	453616
Ion Ratio	Lower	Upper	
146	100		
111	39.3	19.7	59.0
148	63.7	31.9	95.5

Manual Integrations
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8/7/2018 1:12:56 PM



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.23 ug/l

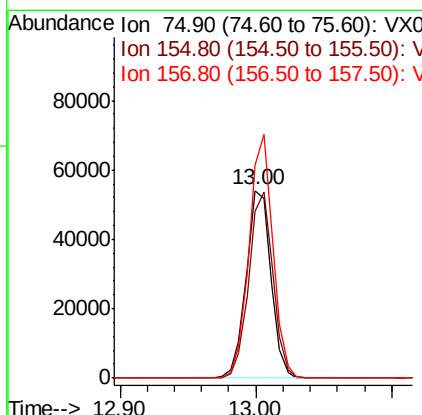
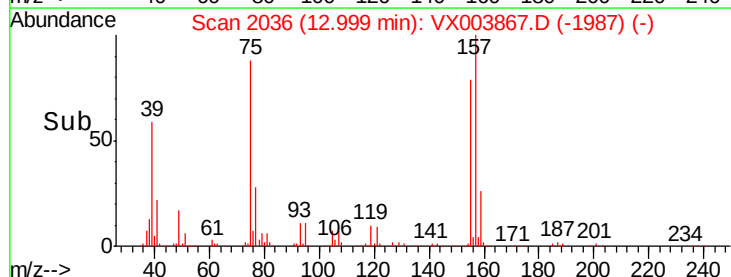
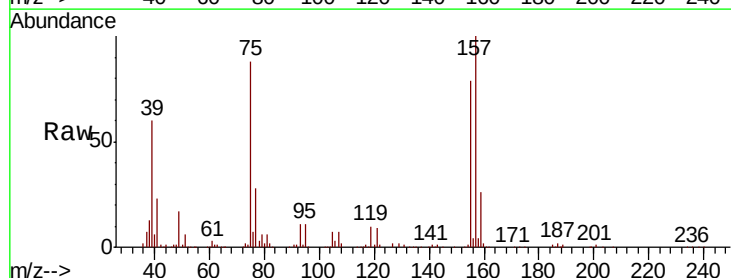
RT: 13.00 min Scan# 2036

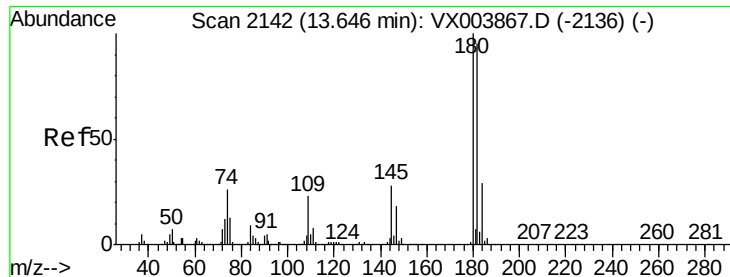
Delta R.T. 0.00 min

Lab File: VX003867.D

Acq: 06 Aug 2018 17:47

Tgt Ion:	75	Resp:	68824
Ion Ratio	Lower	Upper	
75	100		
155	97.4	48.7	146.1
157	125.2	62.6	187.8





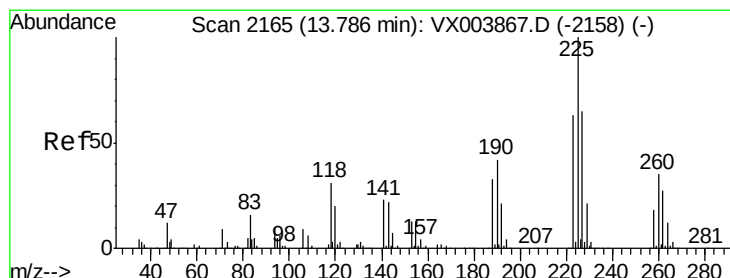
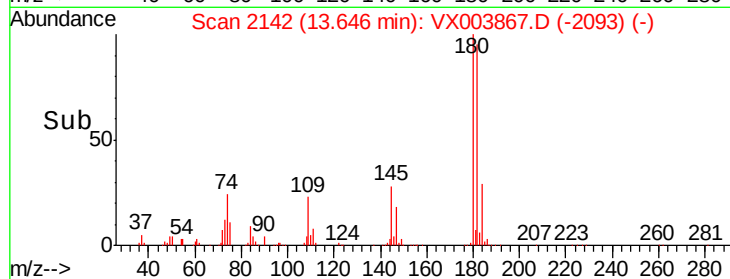
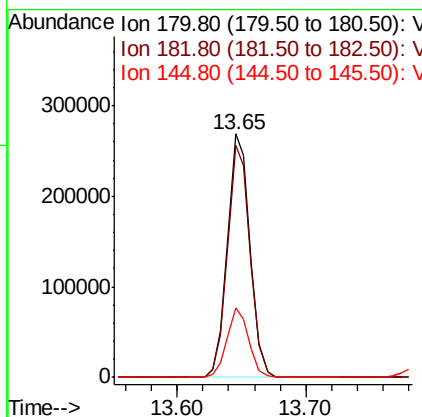
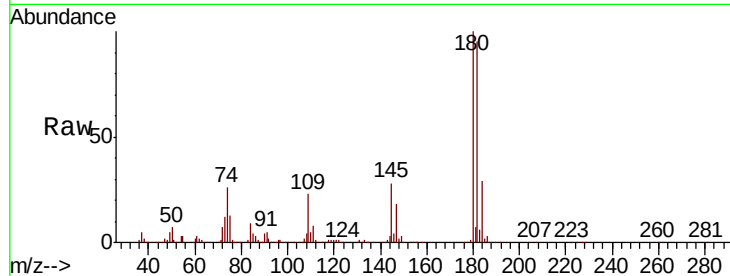
#93
 1,2,4-Trichlorobenzene
 Concen: 51.52 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003867.D
 Acq: 06 Aug 2018 17:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.4	47.7	143.1	
145	27.7	13.9	41.6	

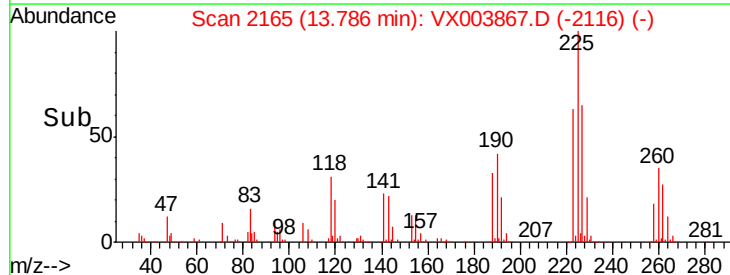
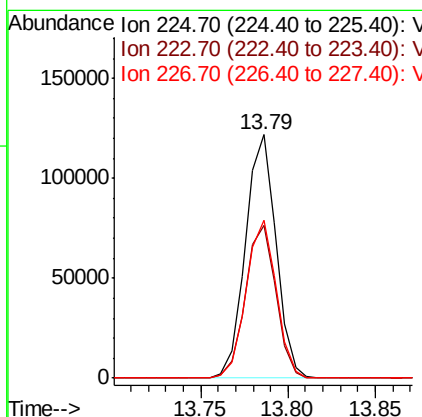
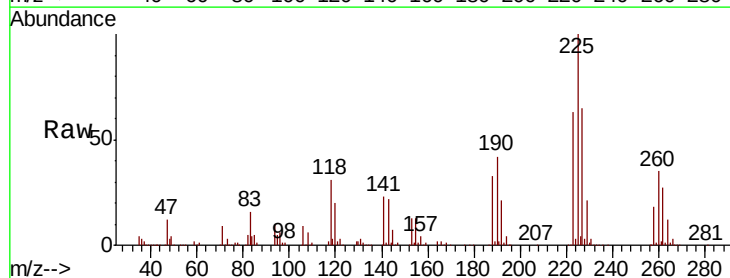
Manual Integrations
 APPROVED

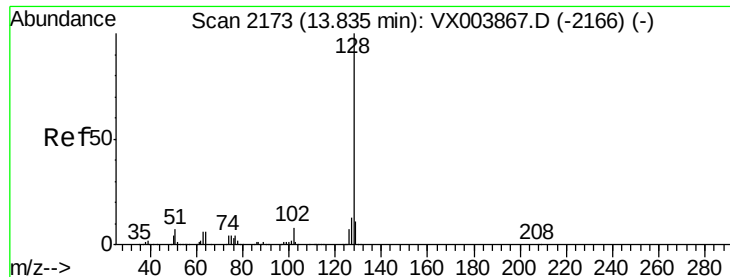
MMDadoda
 8/7/2018 1:12:56 PM



#94
 Hexachlorobutadiene
 Concen: 47.50 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003867.D
 Acq: 06 Aug 2018 17:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.7	31.4	94.0	
227	64.3	32.1	96.5	





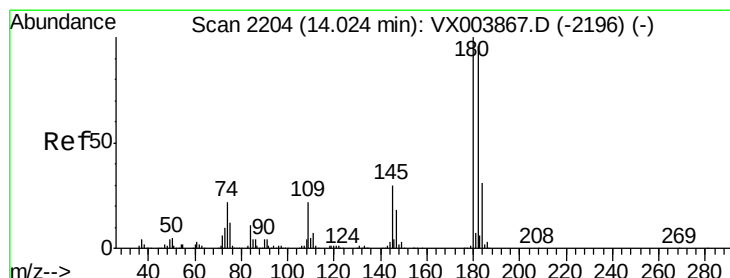
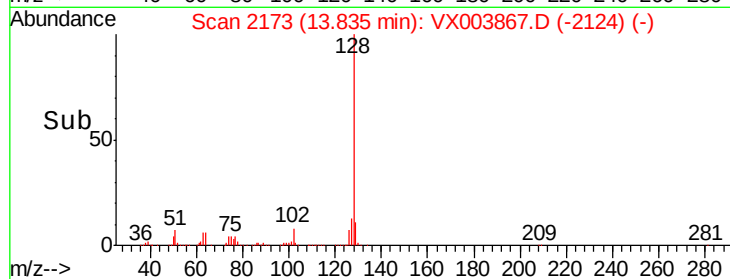
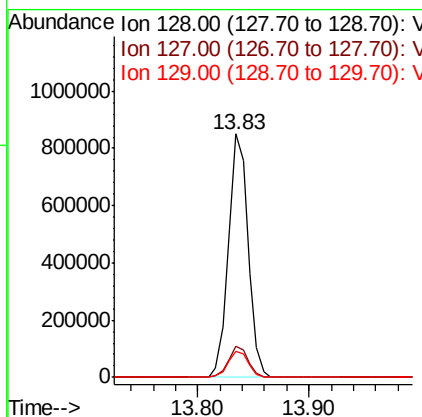
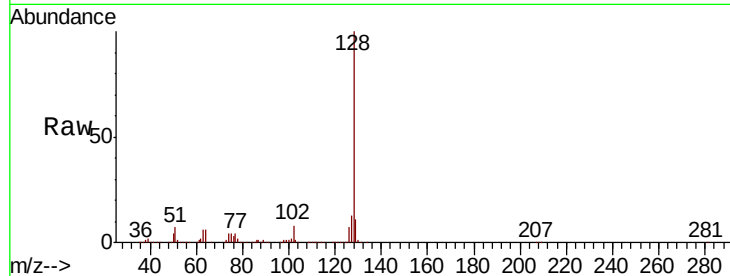
#95
Naphthalene
Concen: 55.69 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003867.D
Acq: 06 Aug 2018 17:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
8/7/2018 1:12:56 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.37 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003867.D
Acq: 06 Aug 2018 17:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.1	144.4
145	29.8	14.9	44.7

