

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061518\
 Data File : VX002626.D
 Acq On : 16 Jun 2018 05:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/18/2018 5:12:05 PM

Quant Time: Jun 16 07:21:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	213603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	311363	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	308291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	197698	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	157094	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
35) Dibromofluoromethane	5.51	113	125228	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
50) Toluene-d8	8.72	98	482905	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
62) 4-Bromofluorobenzene	11.14	95	183733	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	106999	47.19	ug/l	99
3) Chloromethane	1.32	50	119415	44.27	ug/l	100
4) Vinyl Chloride	1.41	62	134863	48.18	ug/l	98
5) Bromomethane	1.64	94	71036	42.06	ug/l	98
6) Chloroethane	1.72	64	91072	49.36	ug/l	99
7) Trichlorofluoromethane	1.93	101	231698	50.95	ug/l	99
8) Diethyl Ether	2.19	74	82545	47.72	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	128820	50.68	ug/l	99
10) Methyl Iodide	2.51	142	134414	40.30	ug/l	98
11) Tert butyl alcohol	3.08	59	162353	241.95	ug/l	98
12) 1,1-Dichloroethene	2.37	96	117310	49.15	ug/l	97
13) Acrolein	2.30	56	63456	203.04	ug/l	99
14) Allyl chloride	2.73	41	225821	47.65	ug/l	99
15) Acrylonitrile	3.15	53	354068	241.80	ug/l	99
16) Acetone	2.45	43	335291	234.13	ug/l	100
17) Carbon Disulfide	2.57	76	288391	50.95	ug/l	98
18) Methyl Acetate	2.78	43	186103	48.78	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	432504	48.31	ug/l	98
20) Methylene Chloride	2.86	84	132550	45.14	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	127049	49.07	ug/l	99
22) Diisopropyl ether	3.88	45	413226	48.20	ug/l	98
23) Vinyl Acetate	3.83	43	1729674	241.04	ug/l	99
24) 1,1-Dichloroethane	3.70	63	216176	46.45	ug/l	99
25) 2-Butanone	4.71	43	463490	246.44	ug/l	99
26) 2,2-Dichloropropane	4.59	77	116968	34.98	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	130335	49.47	ug/l	90
28) Bromochloromethane	5.03	49	109426	50.21	ug/l	96
29) Tetrahydrofuran	5.17	42	301392	244.52	ug/l	98
30) Chloroform	5.22	83	227857	50.78	ug/l	97
31) Cyclohexane	5.58	56	195180	50.94	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	197328	52.58	ug/l	99
36) 1,1-Dichloropropene	5.81	75	164472	49.74	ug/l	100
37) Ethyl Acetate	4.87	43	182878	48.86	ug/l	100
38) Carbon Tetrachloride	5.79	117	173847	52.79	ug/l	98

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Manual Integrations
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 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	197857	51.18	ug/l	98
40) Benzene	6.15	78	493819	49.80	ug/l	100
41) Methacrylonitrile	5.07	41	103975	49.20	ug/l	98
42) 1,2-Dichloroethane	6.20	62	193206	50.33	ug/l	100
43) Isopropyl Acetate	6.47	43	300564	48.47	ug/l	100
44) Trichloroethene	7.21	130	141988	49.61	ug/l	96
45) 1,2-Dichloropropane	7.52	63	131814	50.51	ug/l	98
46) Dibromomethane	7.67	93	88652	50.78	ug/l	99
47) Bromodichloromethane	7.90	83	162588	52.81	ug/l	98
48) Methyl methacrylate	7.78	41	157130	49.58	ug/l	98
49) 1,4-Dioxane	7.76	88	60549	1008.94	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1009383	253.51	ug/l	100
52) Toluene	8.79	92	327306	51.75	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	183904	45.36	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	169046	43.90	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	132188	51.72	ug/l	98
56) Ethyl methacrylate	9.18	69	201718	51.29	ug/l	99
57) 1,3-Dichloropropane	9.38	76	216943	50.19	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	480159	252.40	ug/l	99
59) 2-Hexanone	9.50	43	766033	255.31	ug/l	99
60) Dibromochloromethane	9.59	129	135371	47.30	ug/l	99
61) 1,2-Dibromoethane	9.68	107	137760	52.04	ug/l	100
64) Tetrachloroethene	9.34	164	165535	48.37	ug/l	100
65) Chlorobenzene	10.14	112	372860	49.25	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	134201	51.99	ug/l	100
67) Ethyl Benzene	10.26	91	641763	50.25	ug/l	99
68) m/p-Xylenes	10.36	106	500018	101.51	ug/l	99
69) o-Xylene	10.70	106	244186	50.45	ug/l	97
70) Styrene	10.71	104	408754	51.36	ug/l	99
71) Bromoform	10.86	173	102253	44.14	ug/l	100
73) Isopropylbenzene	11.02	105	666904	50.44	ug/l	100
74) N-amyl acetate	6.47	43	300564	45.75	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	192931	49.41	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	187883m	50.36	ug/l	
77) Bromobenzene	11.26	156	182165	49.45	ug/l	97
78) n-propylbenzene	11.37	91	760609	50.16	ug/l	100
79) 2-Chlorotoluene	11.43	91	444143	49.06	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	559637	50.08	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	43725	38.55	ug/l	95
82) 4-Chlorotoluene	11.51	91	527249	49.35	ug/l	99
83) tert-Butylbenzene	11.77	119	547076	50.82	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	582976	51.13	ug/l	99
85) sec-Butylbenzene	11.95	105	678295	50.68	ug/l	99
86) p-Isopropyltoluene	12.07	119	617877	51.02	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	333475	49.36	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	336544	48.96	ug/l	99
89) n-Butylbenzene	12.39	91	535115	50.09	ug/l	100
90) Hexachloroethane	12.60	117	88104	46.84	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	339019	49.86	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	42229	51.63	ug/l	97

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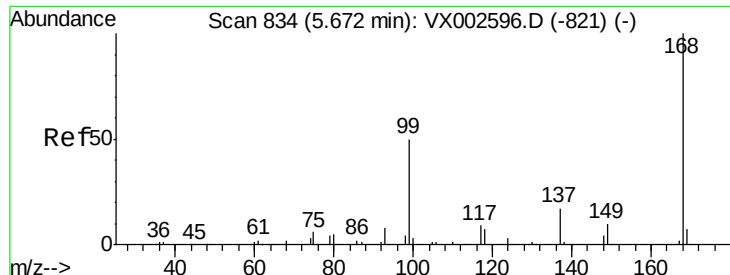
Manual Integrations
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QLast Update : Sat Jun 16 01:37:33 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	249052	50.47	ug/l	100
94) Hexachlorobutadiene	13.79	225	127659	49.11	ug/l	100
95) Naphthalene	13.84	128	689550	51.93	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	251204	50.69	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002626.D

Acq: 16 Jun 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 213603

Ion Ratio Lower Upper

168 100

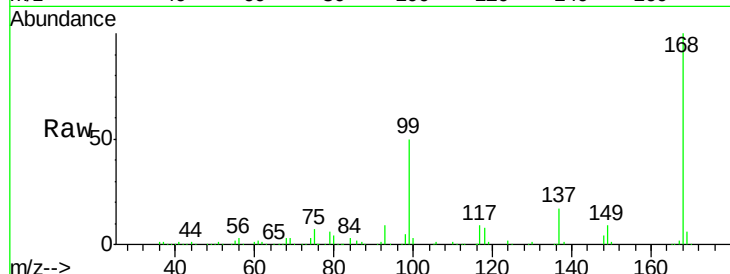
99 50.1 39.3 58.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

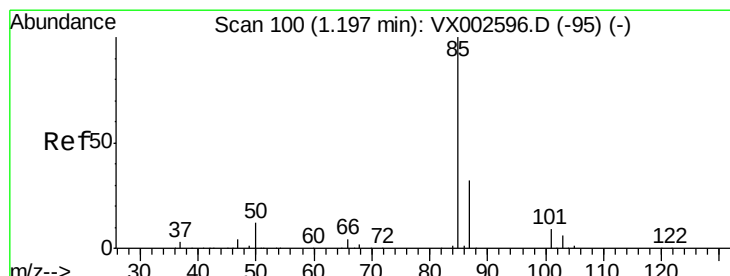
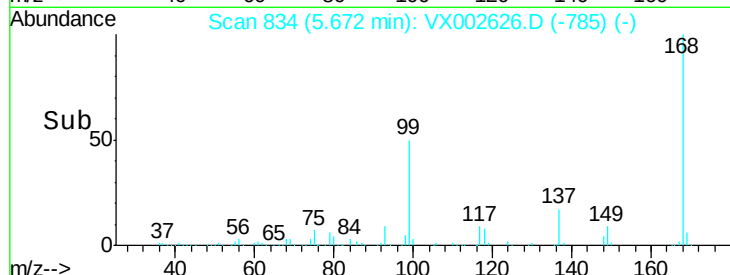
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.19 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002626.D

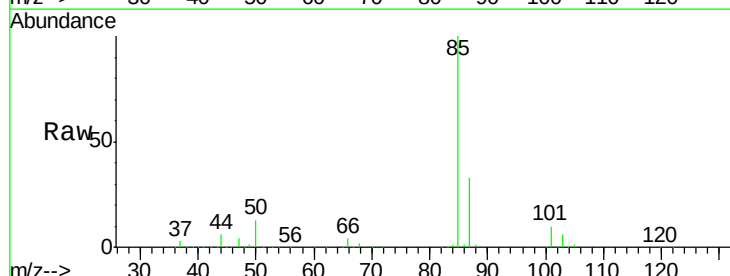
Acq: 16 Jun 2018 05:00

Tgt Ion: 85 Resp: 106999

Ion Ratio Lower Upper

85 100

87 32.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

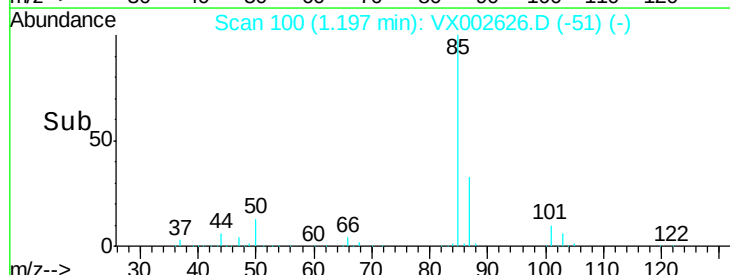
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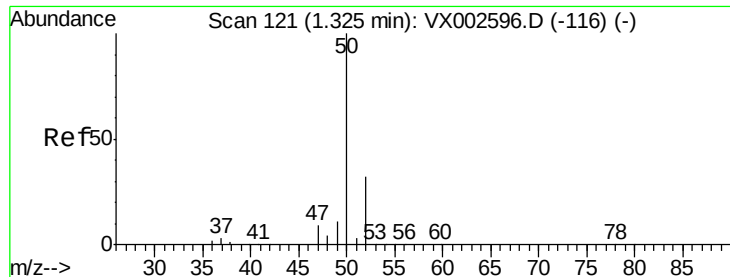
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 44.27 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002626.D

Acq: 16 Jun 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 119415

Ion Ratio Lower Upper

50 100

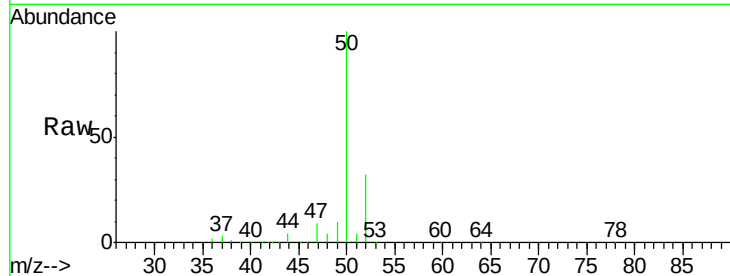
52 32.0 25.7 38.5

Manual Integrations

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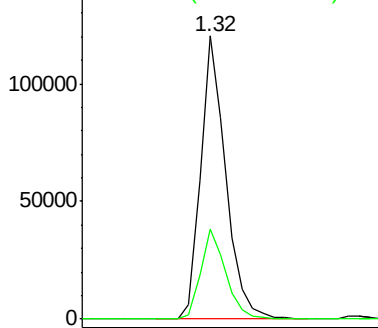
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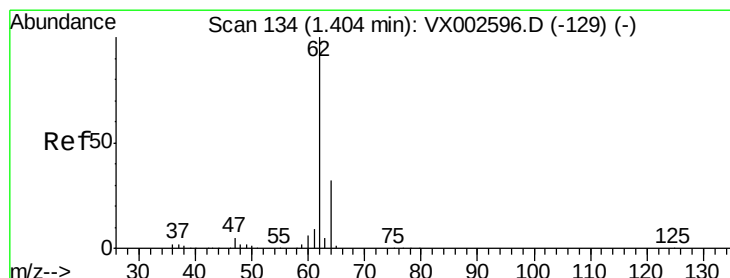
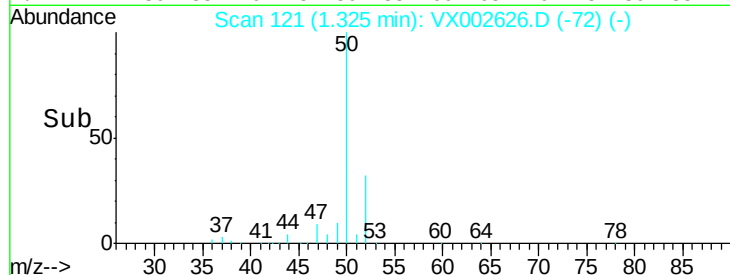


Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



Time-->



#4

Vinyl Chloride

Concen: 48.18 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX002626.D

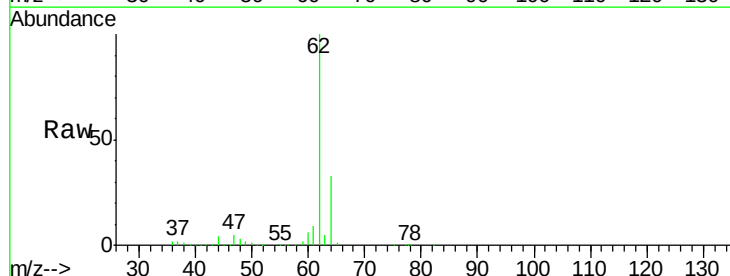
Acq: 16 Jun 2018 05:00

Tgt Ion: 62 Resp: 134863

Ion Ratio Lower Upper

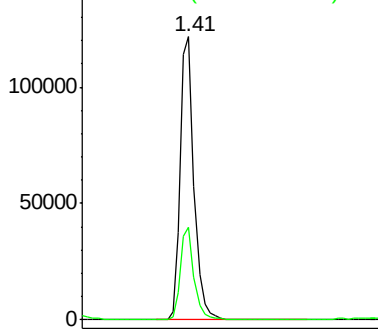
62 100

64 32.6 25.4 38.2

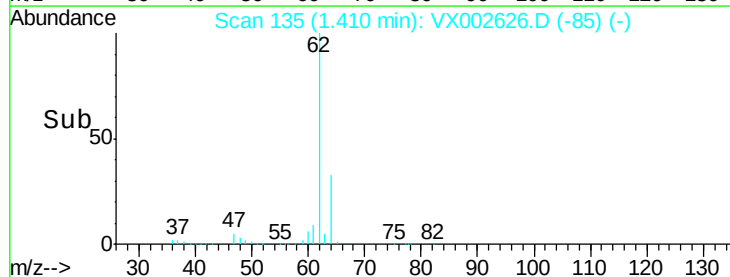


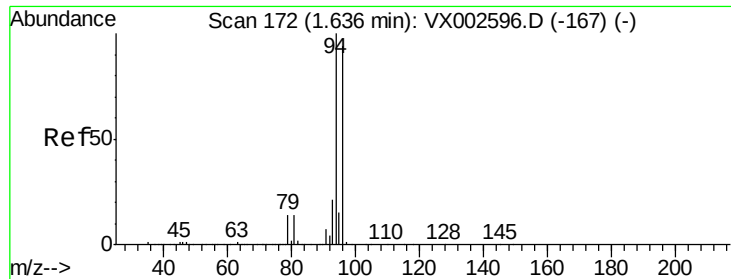
Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



Time-->





#5

Bromomethane

Concen: 42.06 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002626.D

Acq: 16 Jun 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 71036

Ion Ratio Lower Upper

94 100

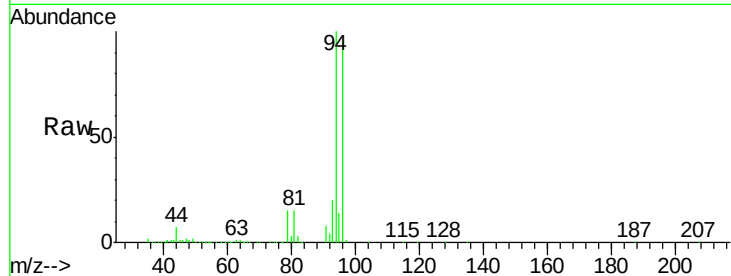
96 95.2 74.9 112.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

80000

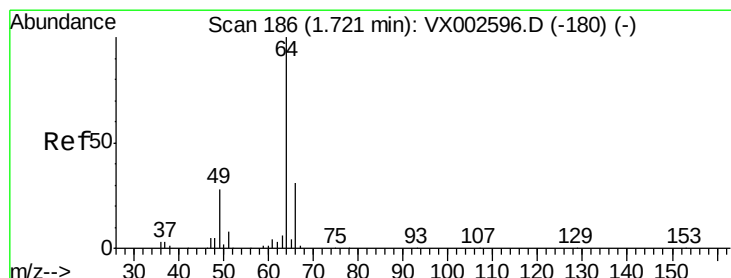
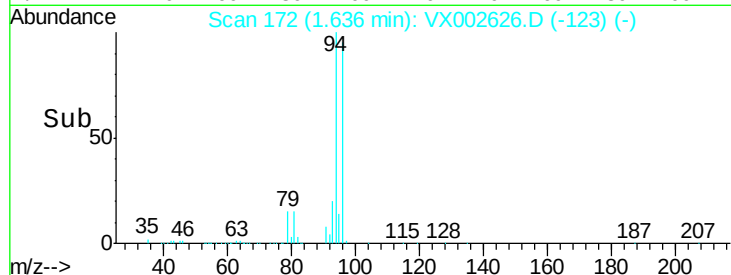
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 49.36 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002626.D

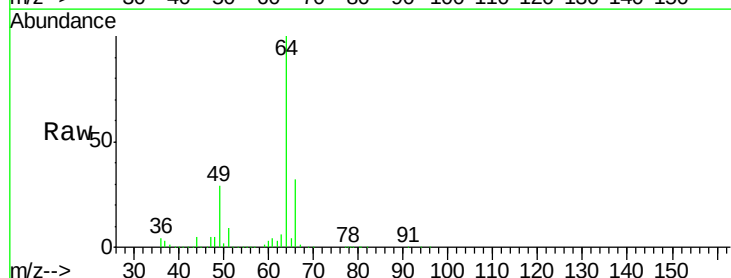
Acq: 16 Jun 2018 05:00

Tgt Ion: 64 Resp: 91072

Ion Ratio Lower Upper

64 100

66 32.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

80000

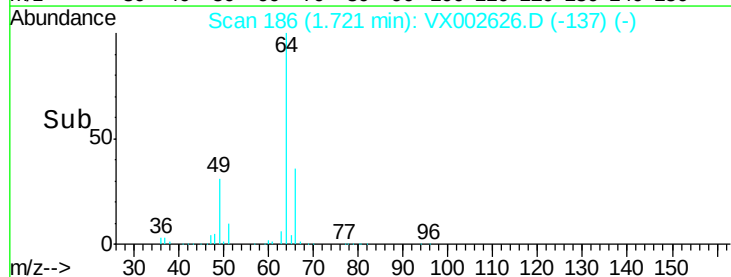
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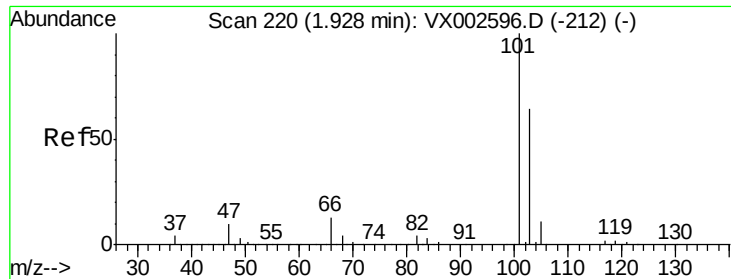
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20000

0

Time-->





#7

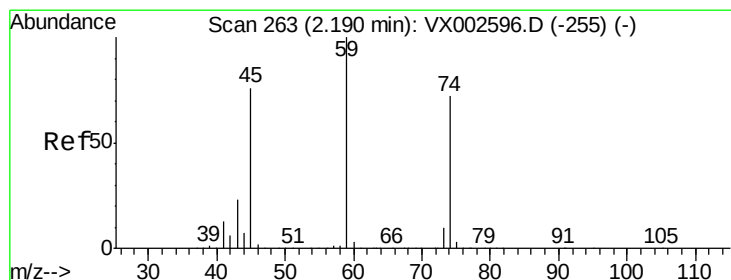
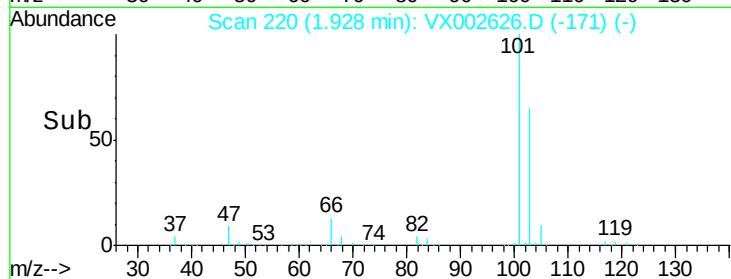
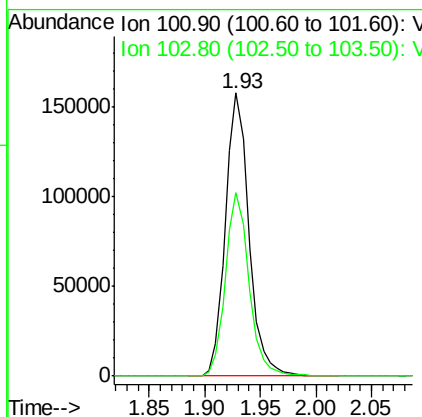
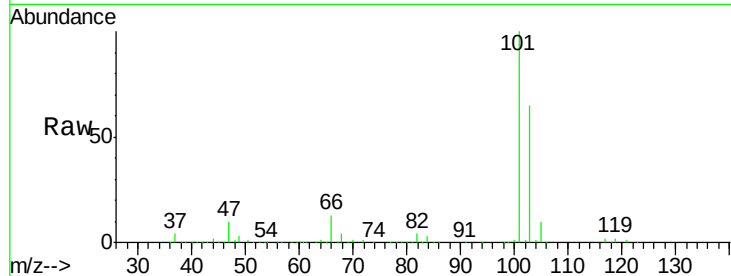
Trichlorofluoromethane
Concen: 50.95 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX002626.D
Acq: 16 Jun 2018 05:00

Instrument :
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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.8	79.2

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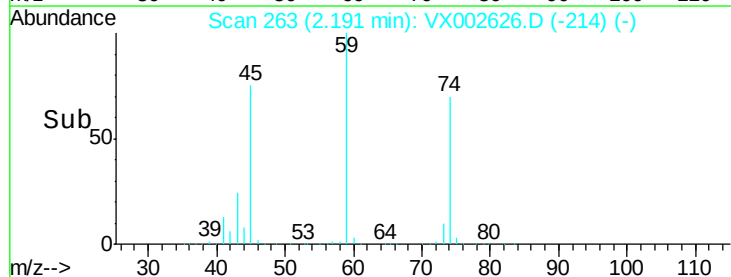
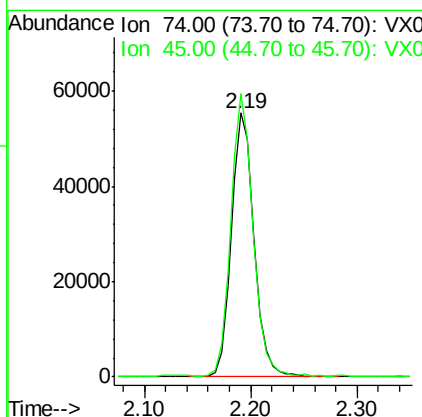
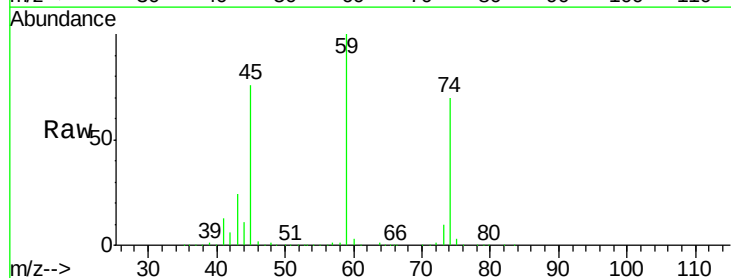
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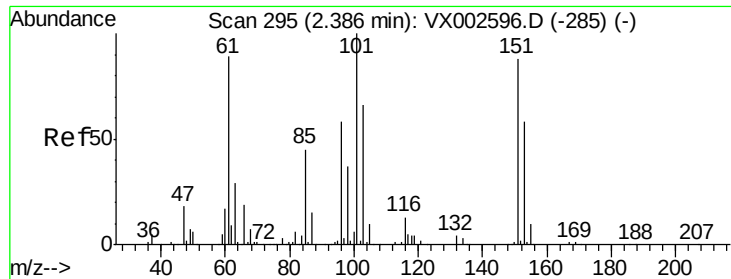


#8

Diethyl Ether
Concen: 47.72 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002626.D
Acq: 16 Jun 2018 05:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.3	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.68 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002626.D

Acq: 16 Jun 2018 05:00

Instrument :

MSVOA_X

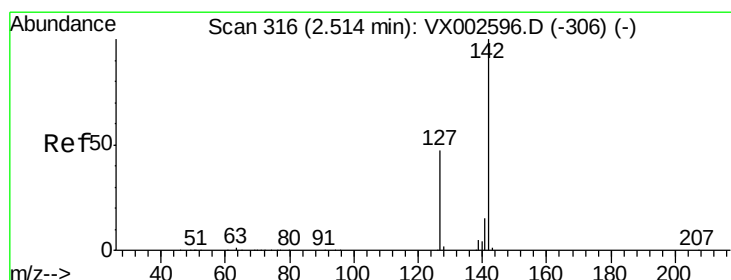
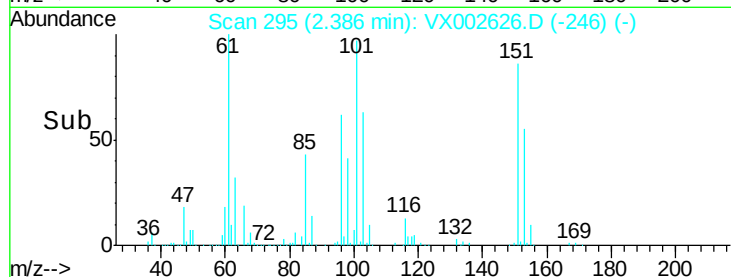
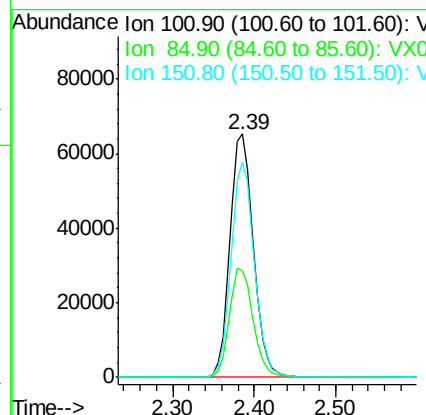
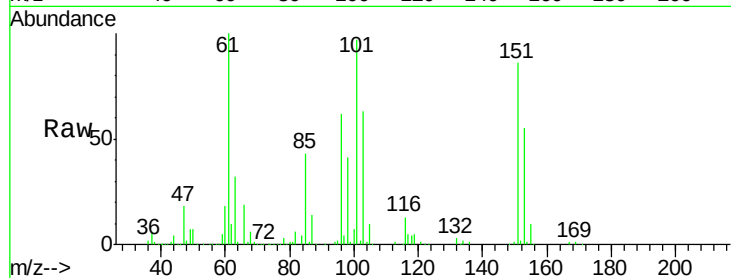
ClientSampled :

VSTDCCC050

Tot Ion:	101	Resp:	128820
Ion Ratio	Lower	Upper	
101	100		
85	45.2	36.0	54.0
151	87.5	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 40.30 ug/l

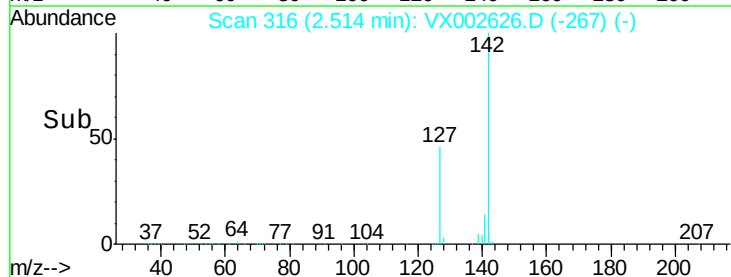
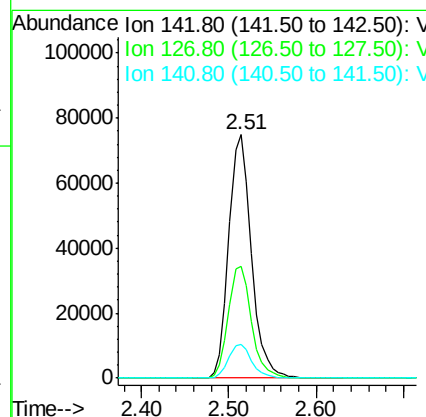
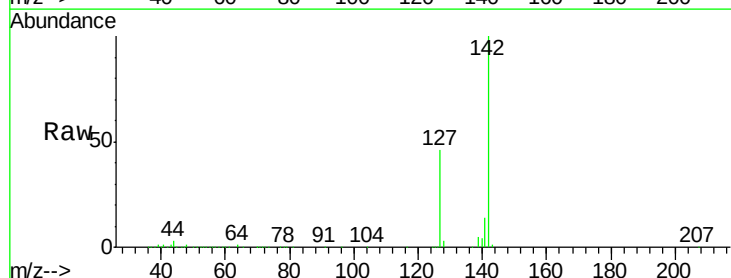
RT: 2.51 min Scan# 316

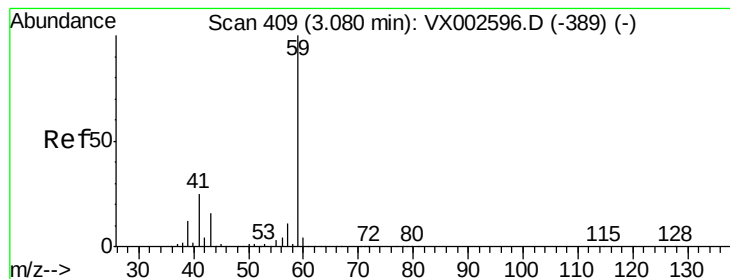
Delta R.T. 0.00 min

Lab File: VX002626.D

Acq: 16 Jun 2018 05:00

Tgt Ion:	142	Resp:	134414
Ion Ratio	Lower	Upper	
142	100		
127	47.0	36.6	55.0
141	14.4	11.3	16.9





#11

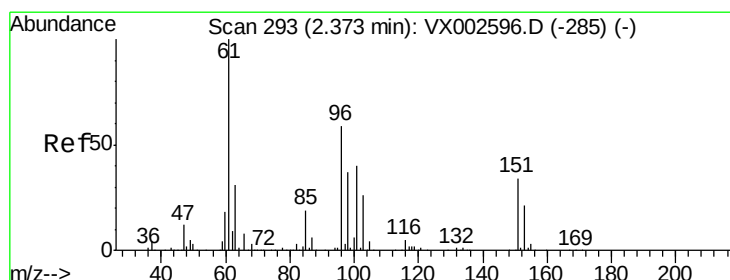
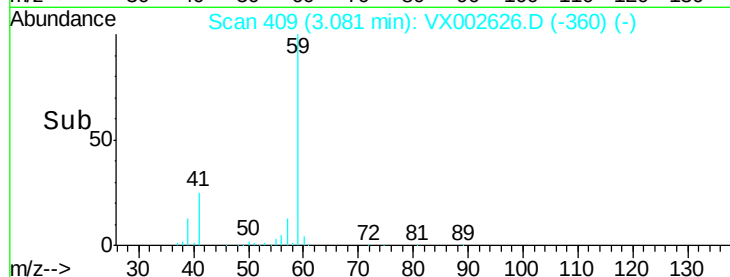
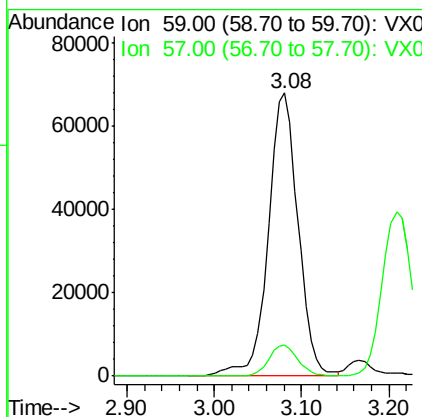
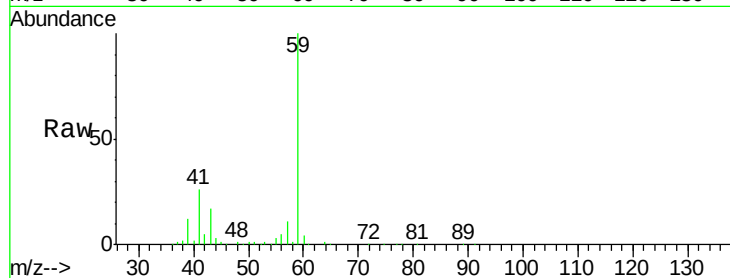
Tert butyl alcohol
Concen: 241.95 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002626.D
Acq: 16 Jun 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.2	12.2

Manual Integrations
APPROVED

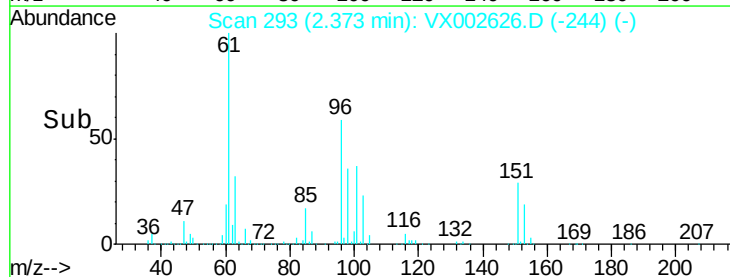
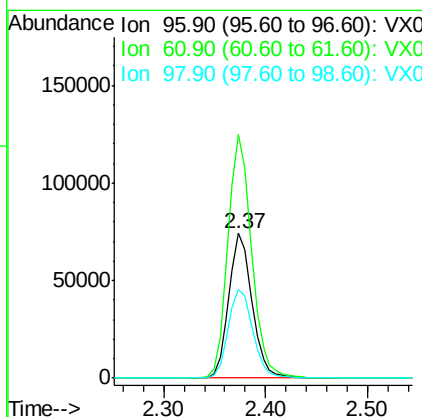
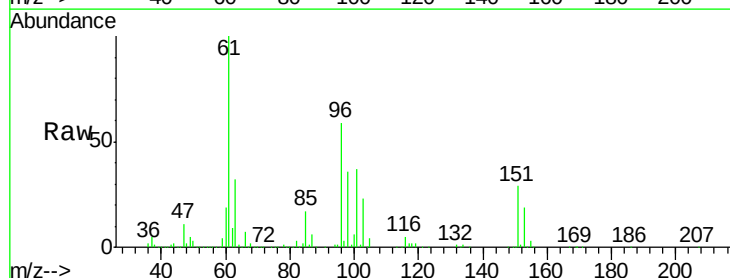
MMDadoda
6/18/2018 5:12:05 PM

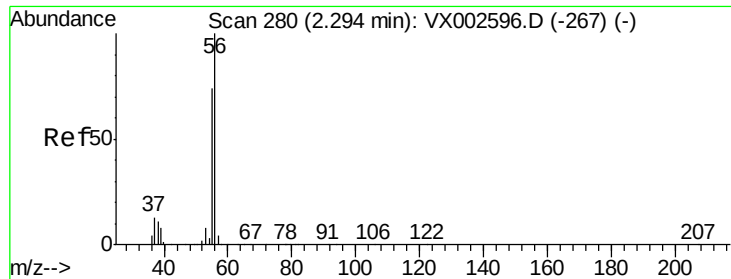


#12

1,1-Dichloroethene
Concen: 49.15 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002626.D
Acq: 16 Jun 2018 05:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.6	137.9	206.9
98	61.3	51.6	77.4





#13

Acrolein

Concen: 203.04 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX002626.D

Acq: 16 Jun 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 63456

Ion Ratio Lower Upper

56 100

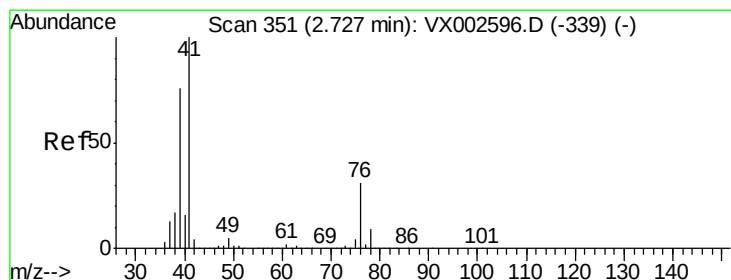
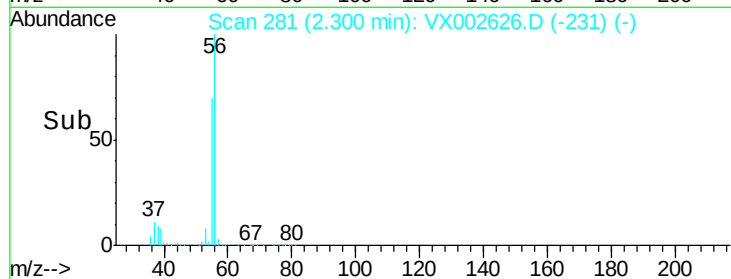
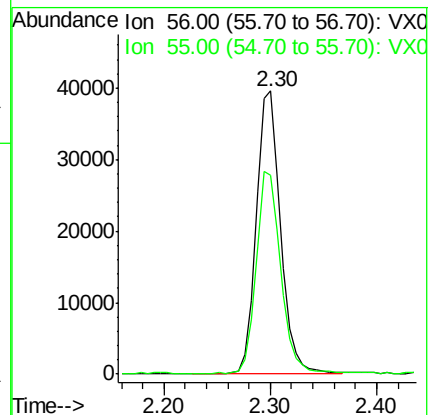
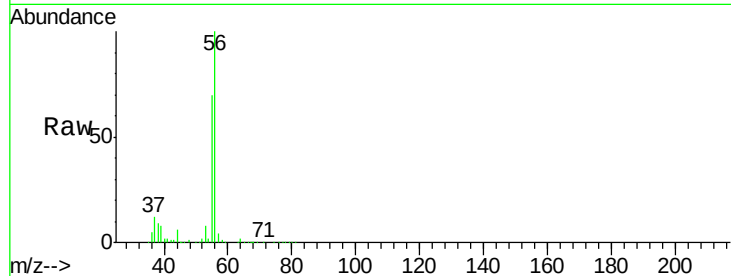
55 72.3 57.0 85.4

Manual Integrations

APPROVED

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6/18/2018 5:12:05 PM



#14

Allyl chloride

Concen: 47.65 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002626.D

Acq: 16 Jun 2018 05:00

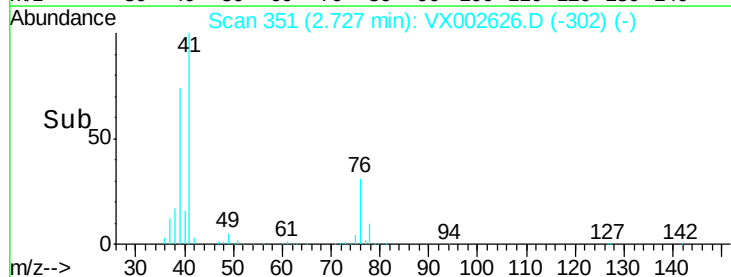
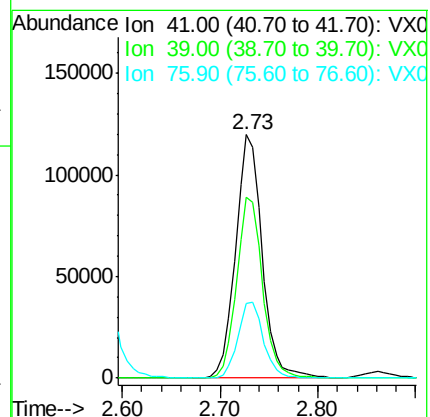
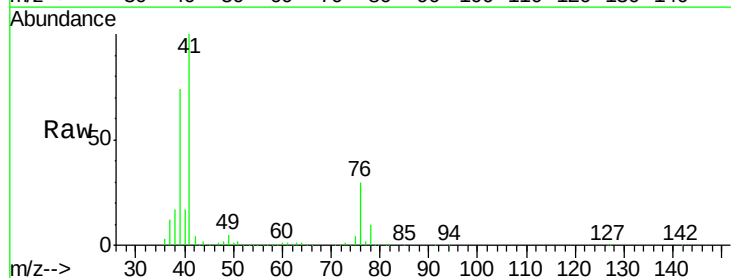
Tgt Ion: 41 Resp: 225821

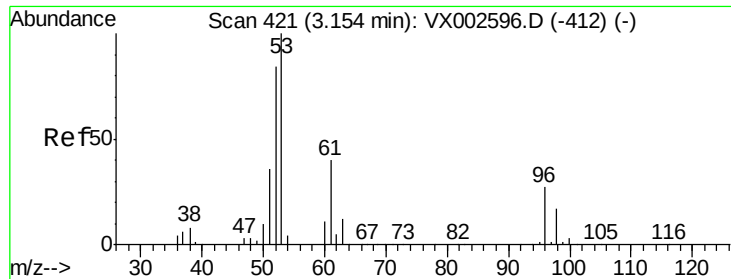
Ion Ratio Lower Upper

41 100

39 72.3 56.8 85.2

76 29.9 23.8 35.8





#15

Acrylonitrile

Concen: 241.80 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002626.D

Acq: 16 Jun 2018 05:00

Instrument :

MSVOA_X

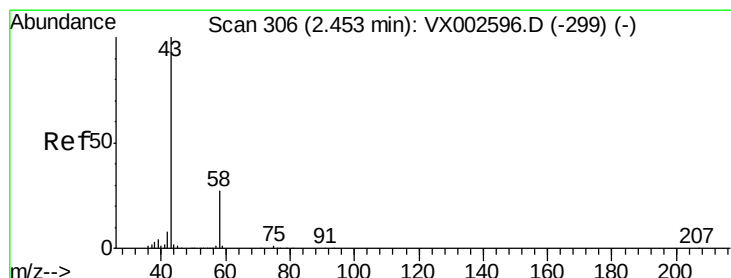
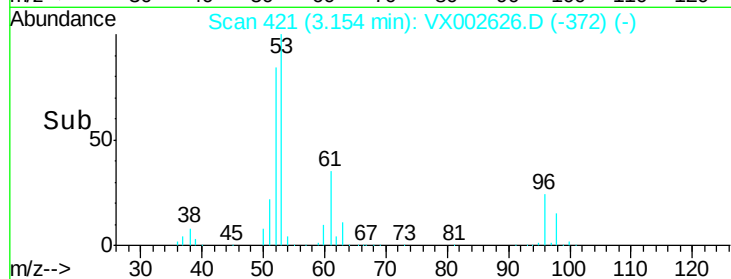
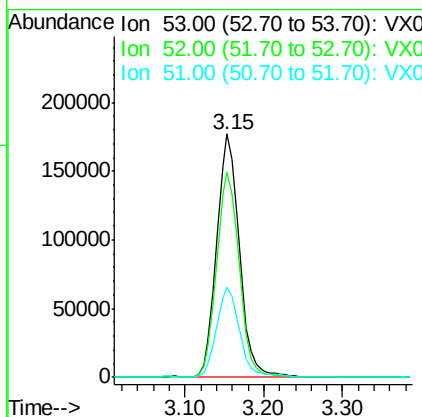
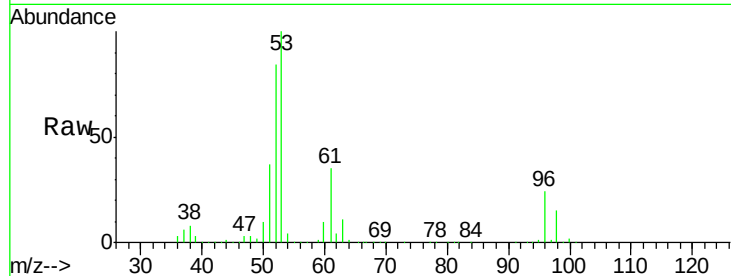
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	354068
Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.7	100.1
51	37.7	29.9	44.9

Manual Integrations
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6/18/2018 5:12:05 PM



#16

Acetone

Concen: 234.13 ug/l

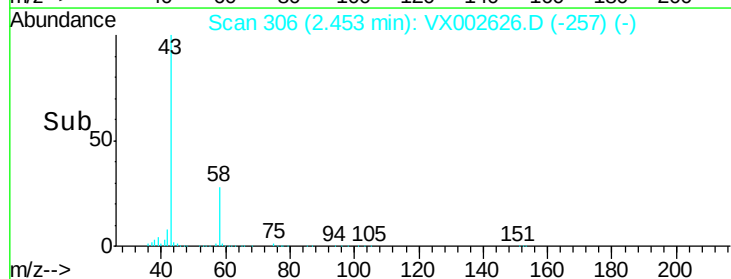
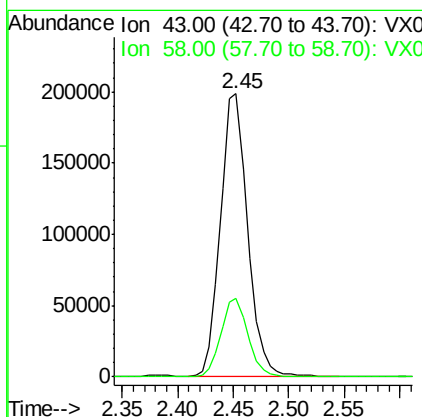
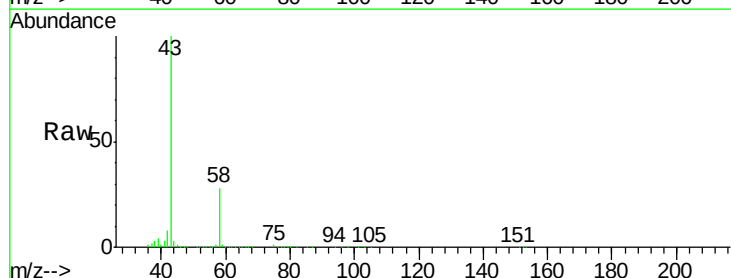
RT: 2.45 min Scan# 306

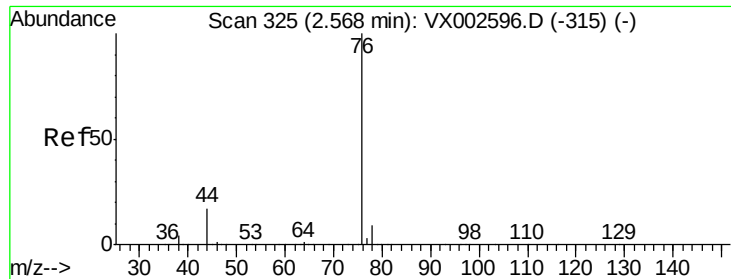
Delta R.T. 0.00 min

Lab File: VX002626.D

Acq: 16 Jun 2018 05:00

Tgt Ion:	43	Resp:	335291
Ion	Ratio	Lower	Upper
43	100		
58	27.8	22.1	33.1





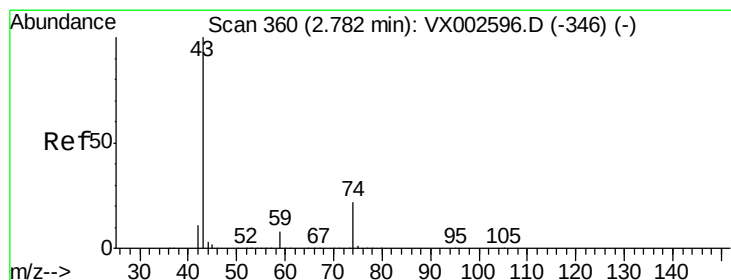
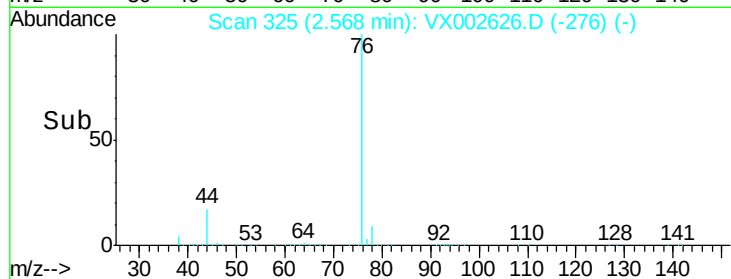
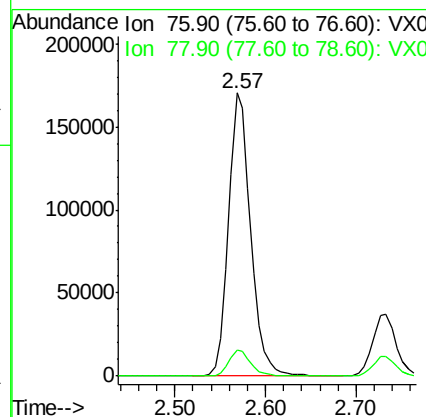
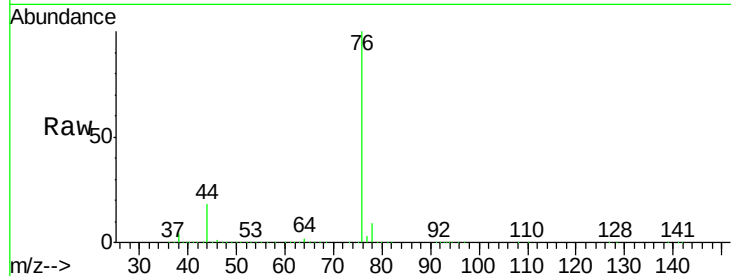
#17
Carbon Disulfide
Concen: 50.95 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002626.D
Acq: 16 Jun 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	6.9	10.3

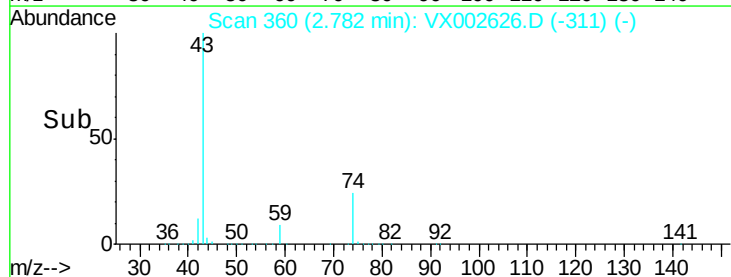
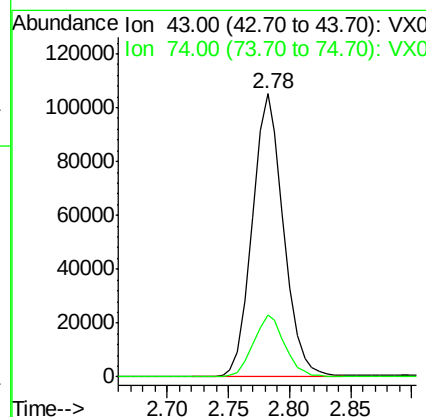
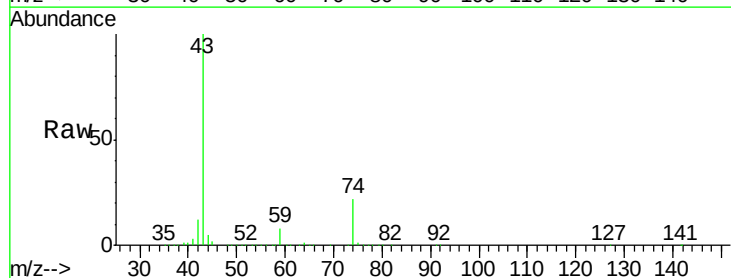
Manual Integrations
APPROVED

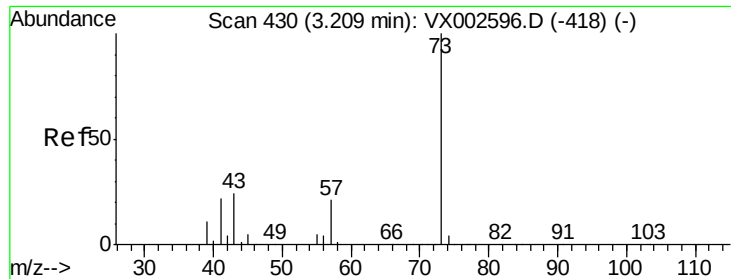
MMDadoda
6/18/2018 5:12:05 PM



#18
Methyl Acetate
Concen: 48.78 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002626.D
Acq: 16 Jun 2018 05:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.1	16.7	25.1





#19

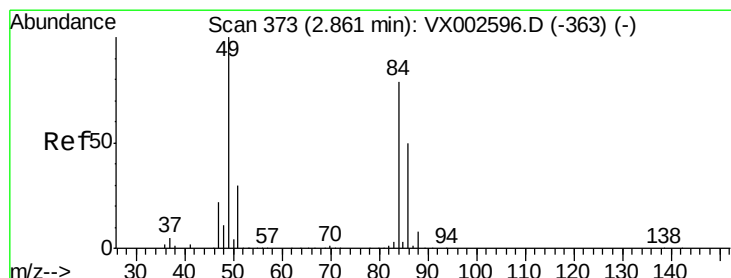
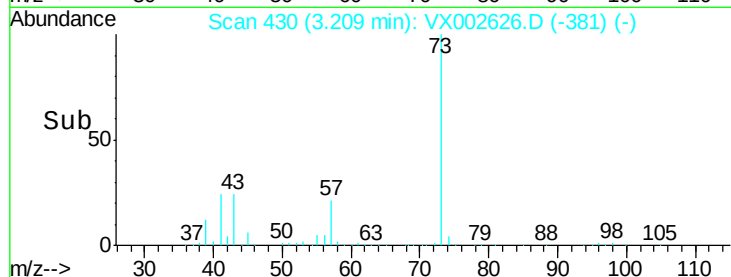
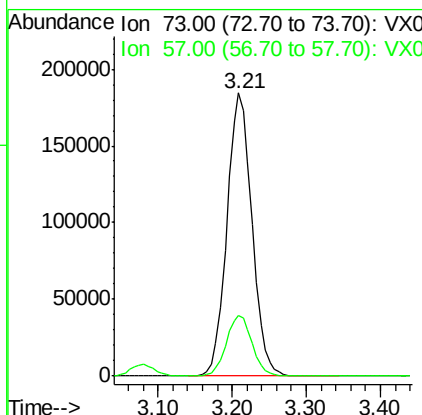
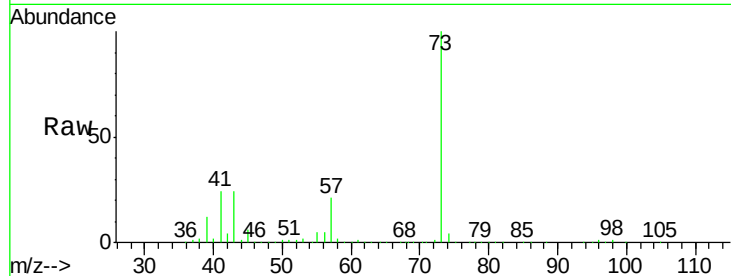
Methyl tert-butyl Ether
Concen: 48.31 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002626.D
Acq: 16 Jun 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.7	26.5

Manual Integrations
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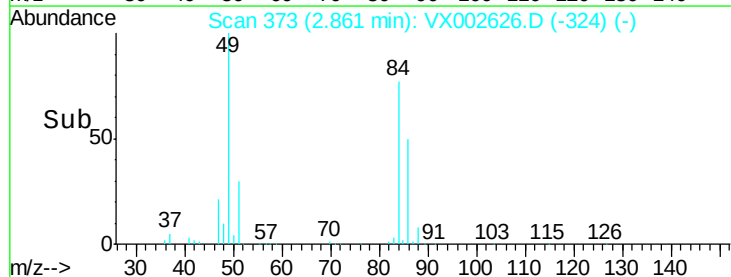
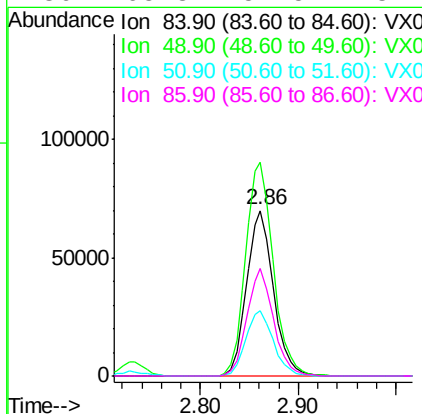
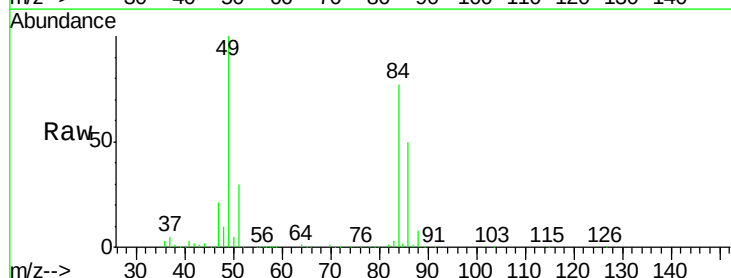
MMDadoda
6/18/2018 5:12:05 PM

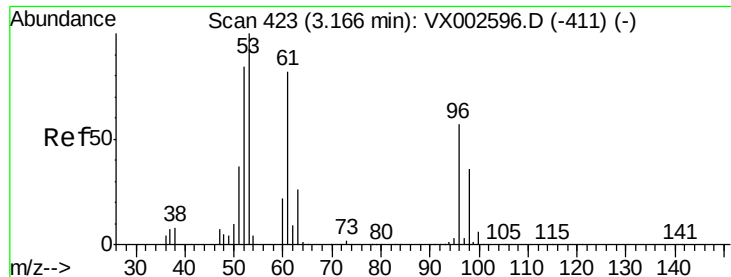


#20

Methylene Chloride
Concen: 45.14 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002626.D
Acq: 16 Jun 2018 05:00

Tgt Ion	Ratio	Lower	Upper
84	100		
49	129.2	107.8	161.6
51	39.0	32.8	49.2
86	65.3	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 49.07 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002626.D

Acq: 16 Jun 2018 05:00

Instrument :

MSVOA_X

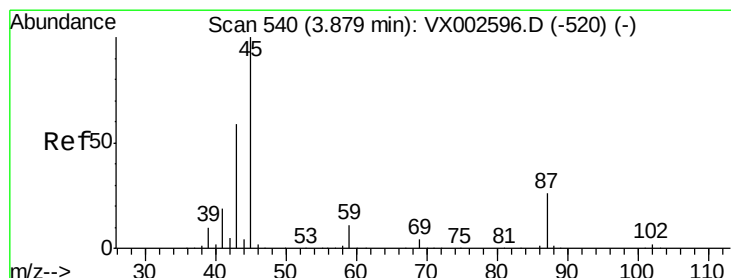
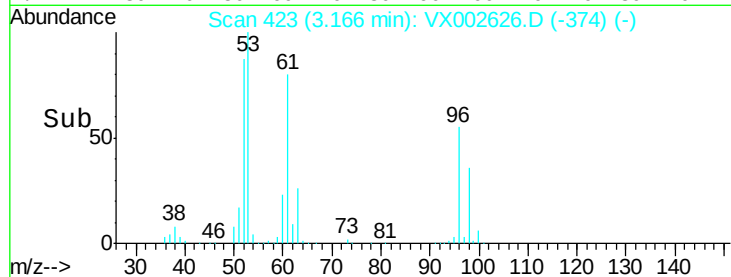
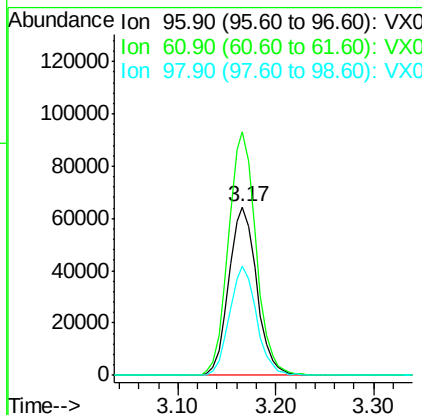
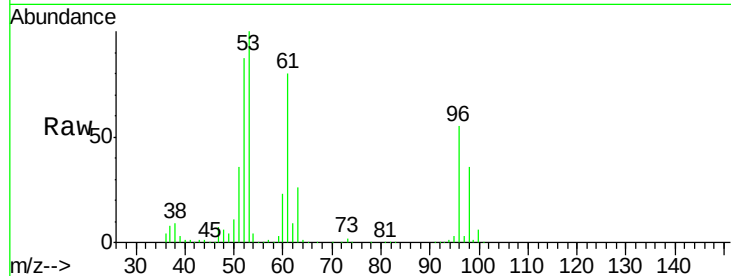
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	127049
Ion	Ratio	Lower	Upper
96	100		
61	144.7	117.0	175.4
98	65.3	52.4	78.6

Manual Integrations
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MMDadoda
6/18/2018 5:12:05 PM



#22

Diisopropyl ether

Concen: 48.20 ug/l

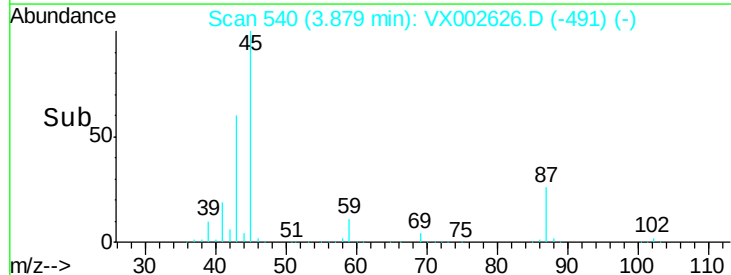
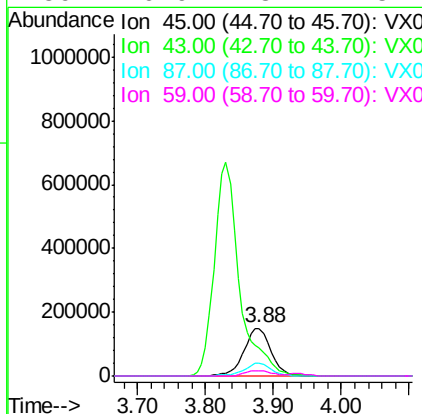
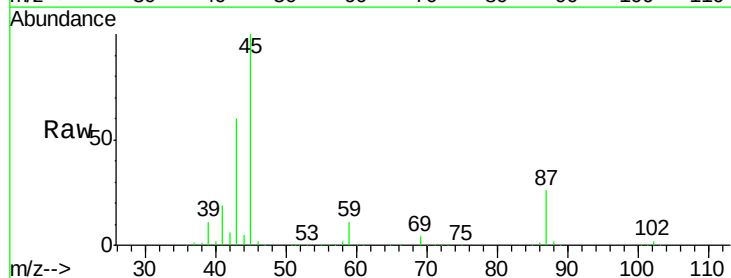
RT: 3.88 min Scan# 540

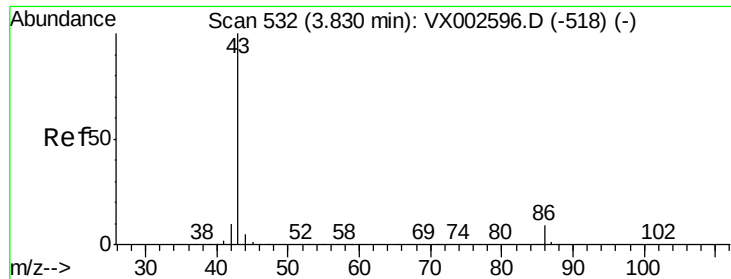
Delta R.T. 0.00 min

Lab File: VX002626.D

Acq: 16 Jun 2018 05:00

Tgt Ion:	45	Resp:	413226
Ion	Ratio	Lower	Upper
45	100		
43	60.1	46.8	70.2
87	26.4	20.2	30.4
59	10.9	8.7	13.1





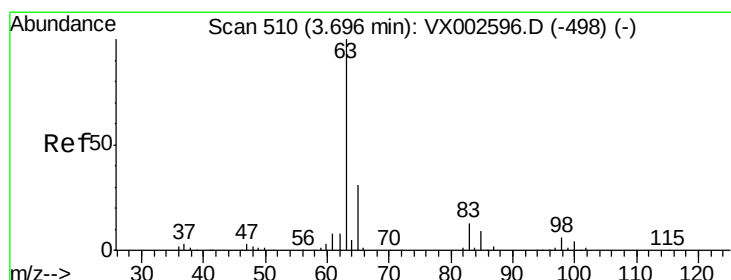
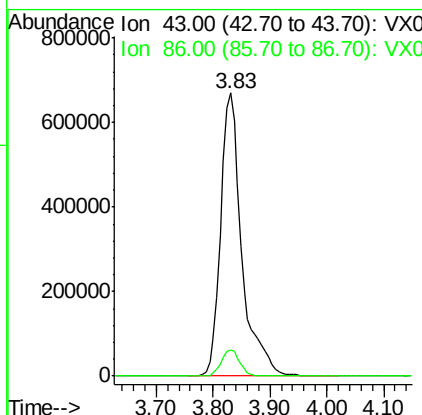
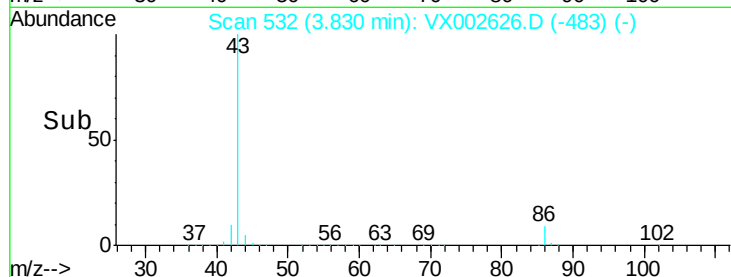
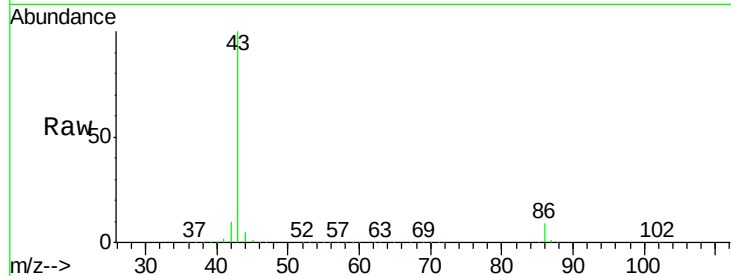
#23
 Vinyl Acetate
 Concen: 241.04 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VX002626.D
 Acq: 16 Jun 2018 05:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1729674
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.4 11.0

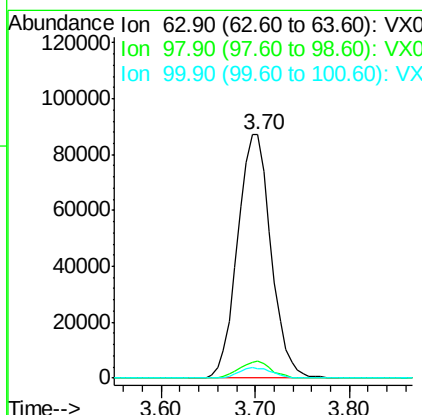
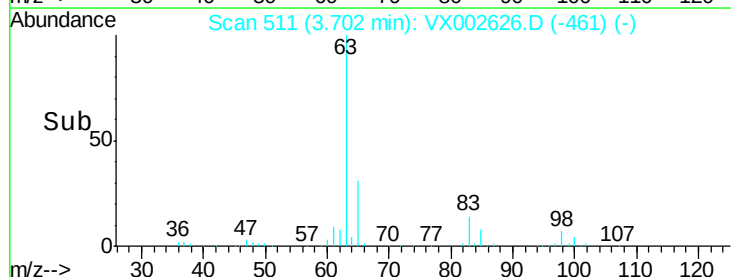
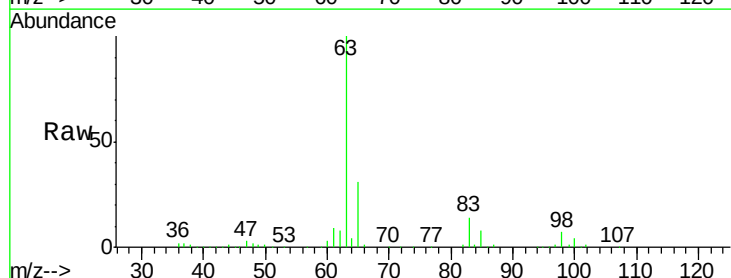
Manual Integrations
 APPROVED

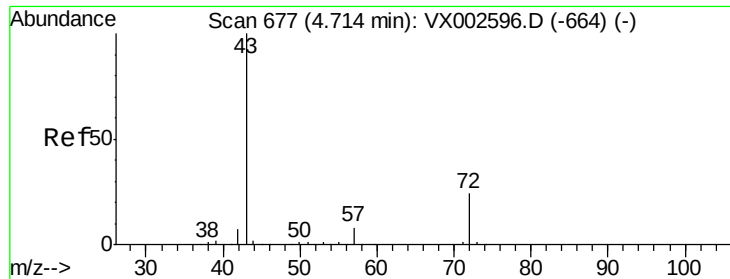
MMDadoda
 6/18/2018 5:12:05 PM



#24
 1,1-Dichloroethane
 Concen: 46.45 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: VX002626.D
 Acq: 16 Jun 2018 05:00

Tgt Ion: 63 Resp: 216176
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.4 10.2
 100 4.1 2.0 6.0





#25

2-Butanone

Concen: 246.44 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002626.D

Acq: 16 Jun 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 463490

Ion Ratio Lower Upper

43 100

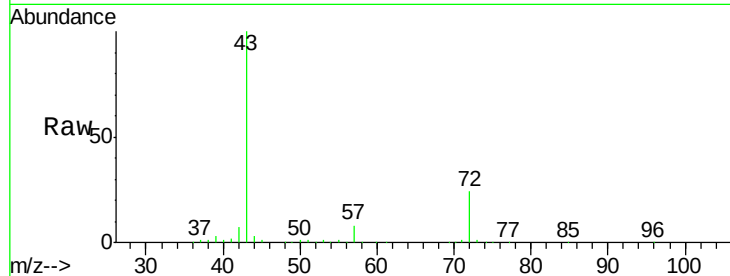
72 23.5 18.5 27.7

Manual Integrations

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MMDadoda

6/18/2018 5:12:05 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

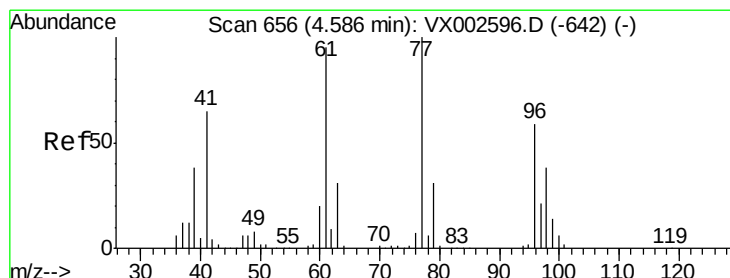
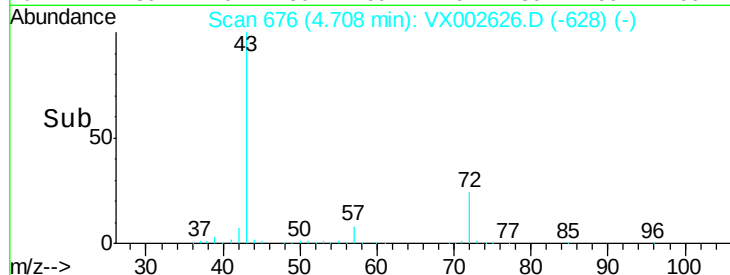
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 34.98 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002626.D

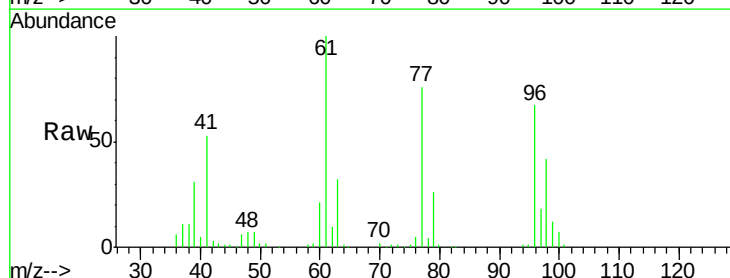
Acq: 16 Jun 2018 05:00

Tgt Ion: 77 Resp: 116968

Ion Ratio Lower Upper

77 100

97 24.6 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

40000

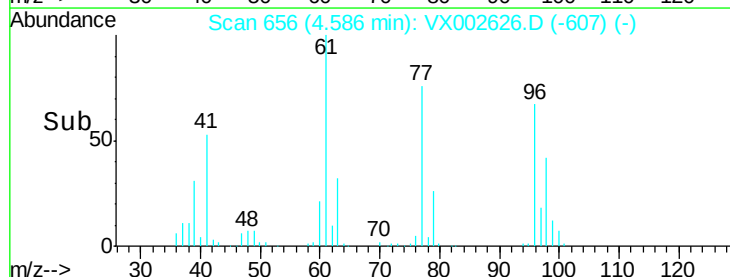
30000

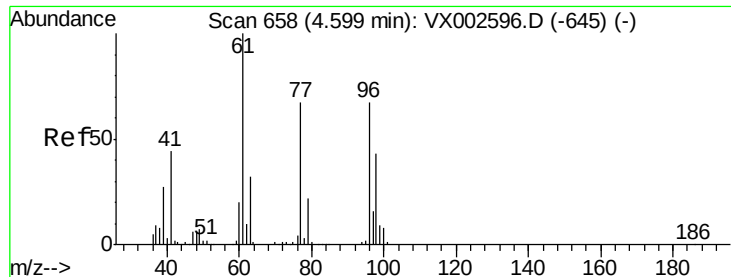
20000

10000

0

Time-->





#27

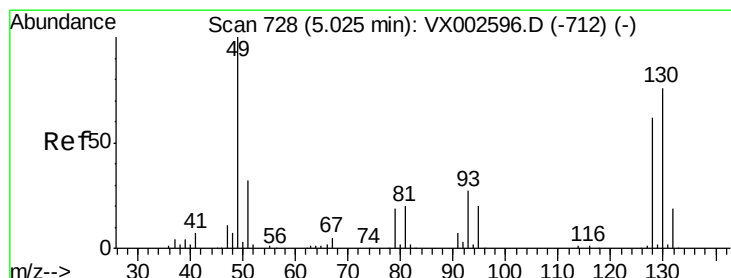
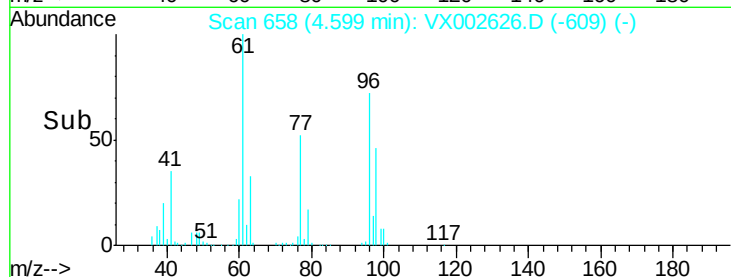
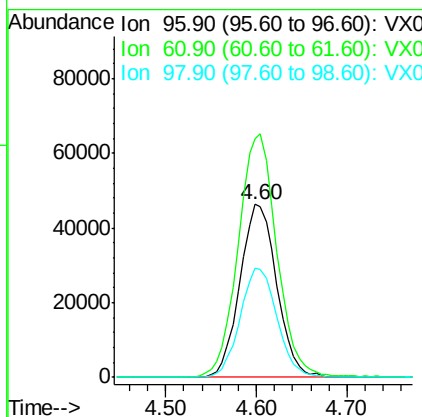
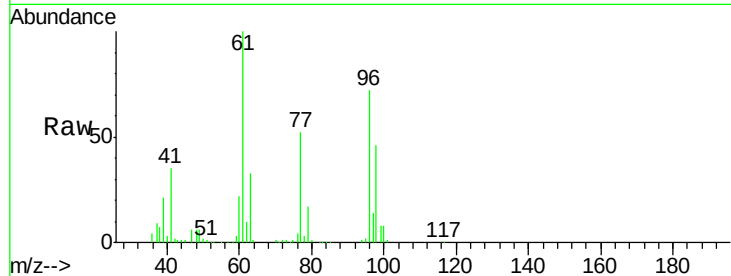
cis-1,2-Dichloroethene
Concen: 49.47 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX002626.D
Acq: 16 Jun 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	148.2	0.0	330.2	
98	63.4	0.0	130.2	

Manual Integrations
APPROVED

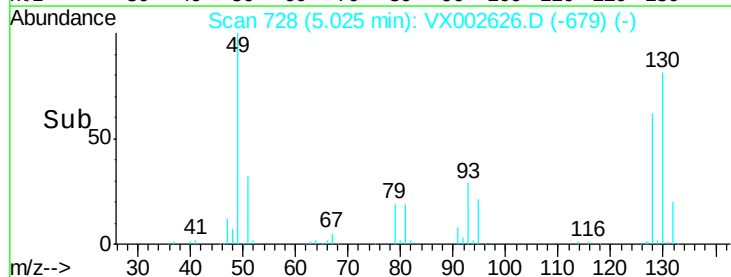
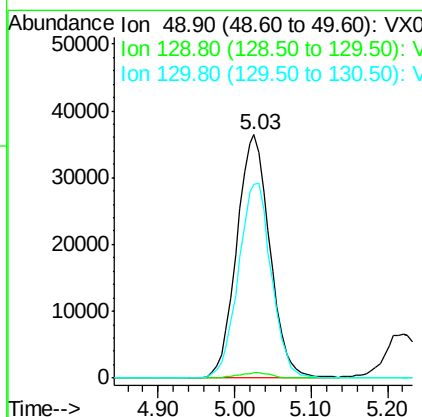
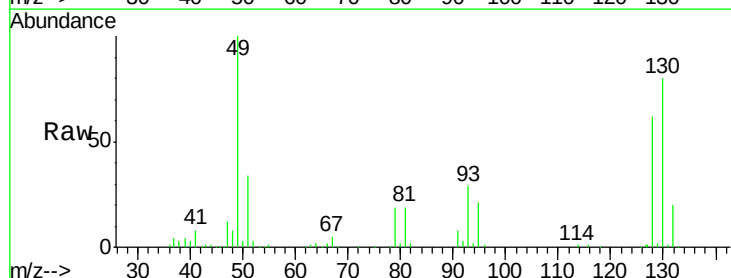
MMDadoda
6/18/2018 5:12:05 PM

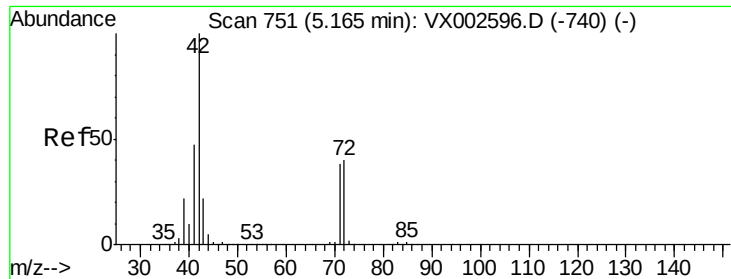


#28

Bromochloromethane
Concen: 50.21 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002626.D
Acq: 16 Jun 2018 05:00

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.3	0.0	4.2	
130	79.6	61.2	91.8	





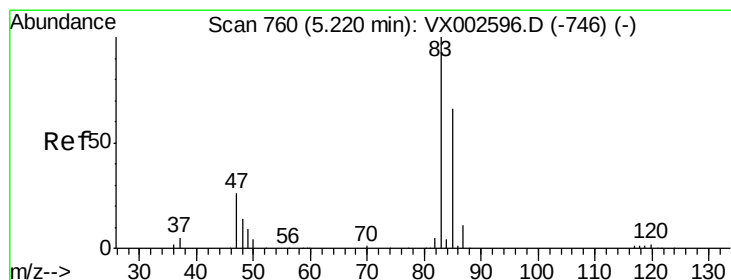
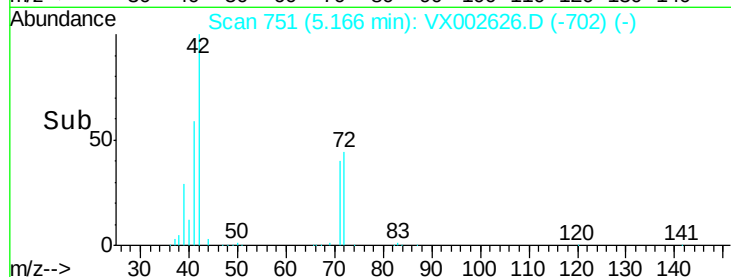
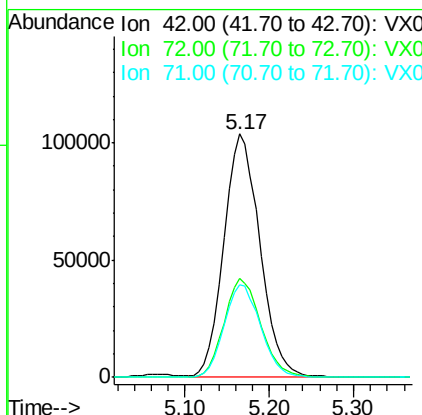
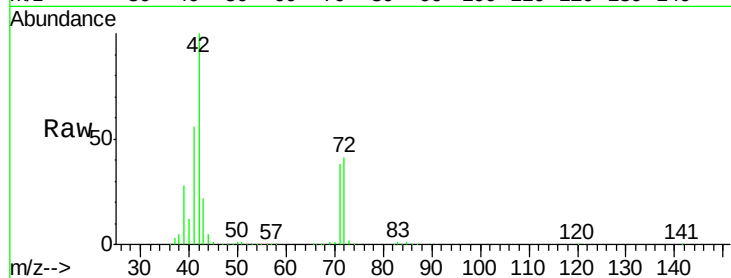
#29
Tetrahydrofuran
Concen: 244.52 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX002626.D
Acq: 16 Jun 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.7	32.0	48.0
71	38.8	30.1	45.1

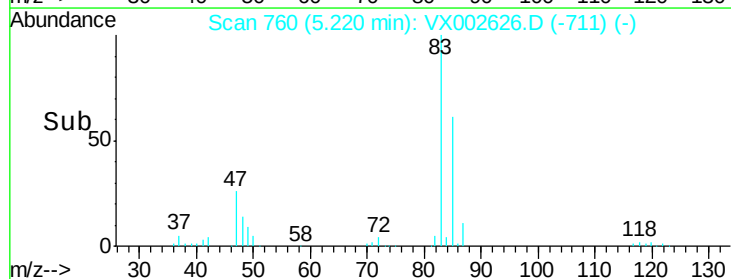
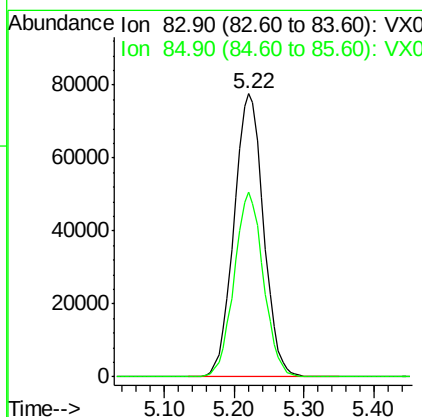
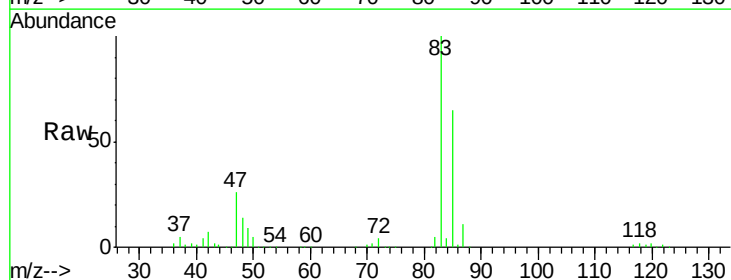
Manual Integrations
APPROVED

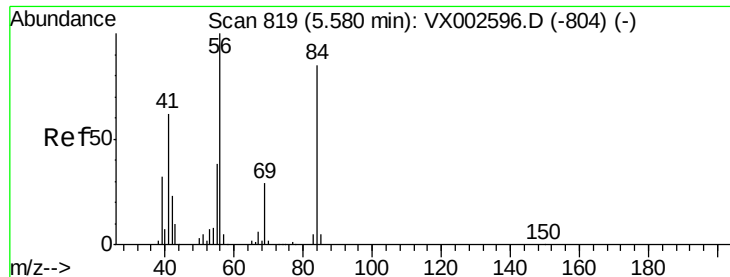
MMDadoda
6/18/2018 5:12:05 PM



#30
Chloroform
Concen: 50.78 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002626.D
Acq: 16 Jun 2018 05:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	50.4	75.6





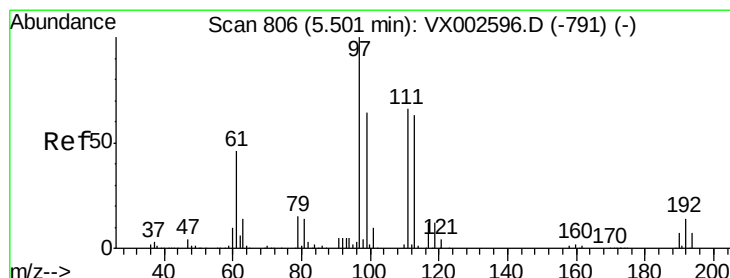
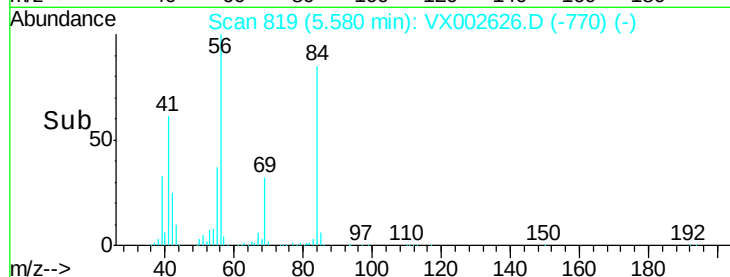
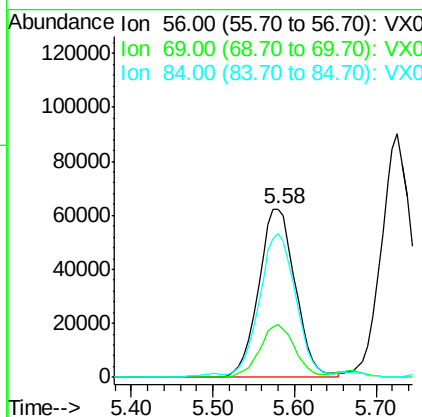
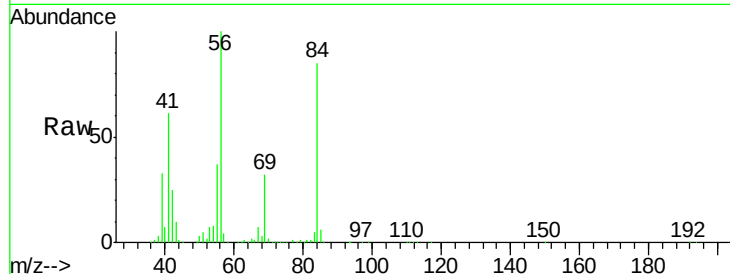
#31
Cyclohexane
Concen: 50.94 ug/l
RT: 5.58 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX002626.D
Acq: 16 Jun 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.5	23.7	35.5
84	84.2	64.1	96.1

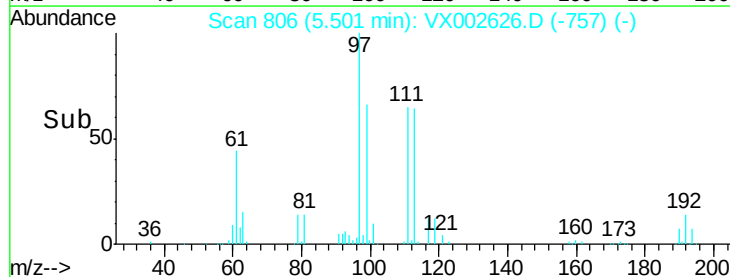
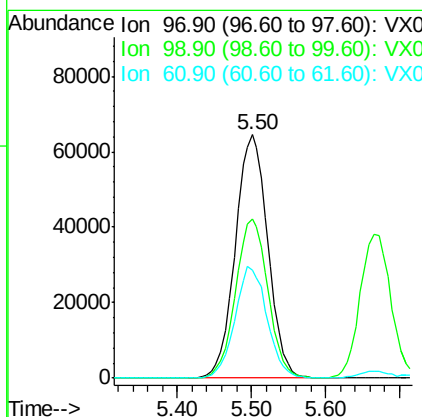
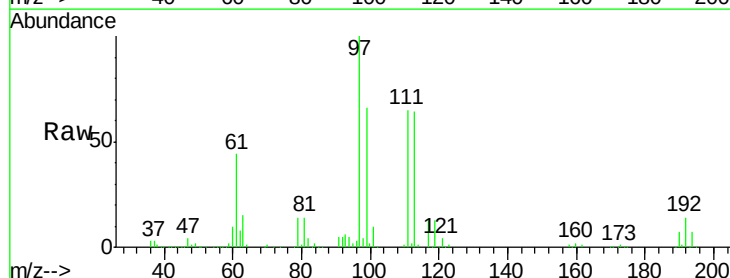
Manual Integrations
APPROVED

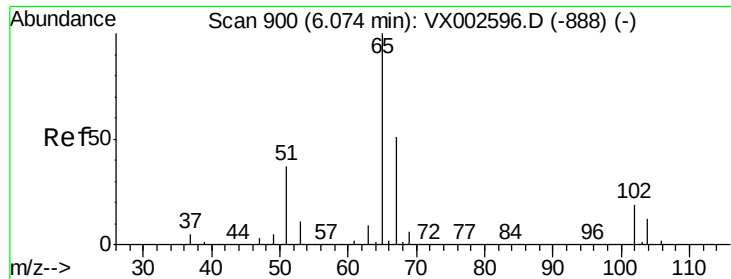
MMDadoda
6/18/2018 5:12:05 PM



#32
1,1,1-Trichloroethane
Concen: 52.58 ug/l
RT: 5.50 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX002626.D
Acq: 16 Jun 2018 05:00

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.6	77.4
61	45.4	36.4	54.6





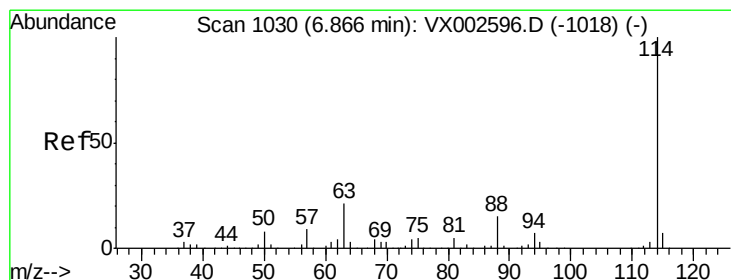
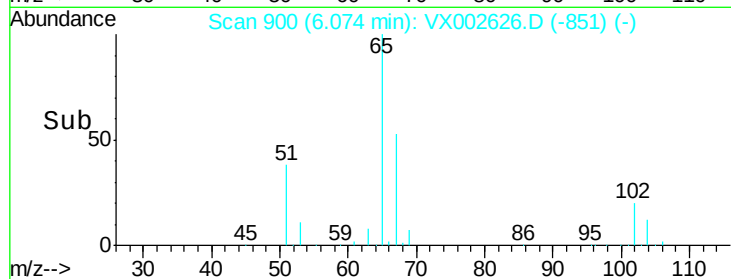
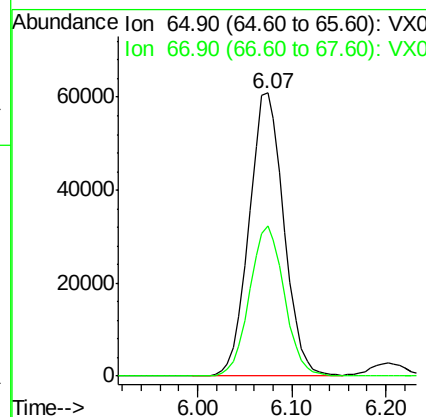
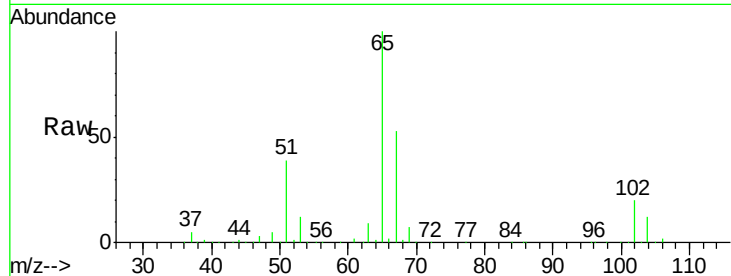
#33
 1,2-Dichloroethane-d4
 Concen: 48.40 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002626.D
 Acq: 16 Jun 2018 05:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	157094		
67	52.9	0.0	102.6	

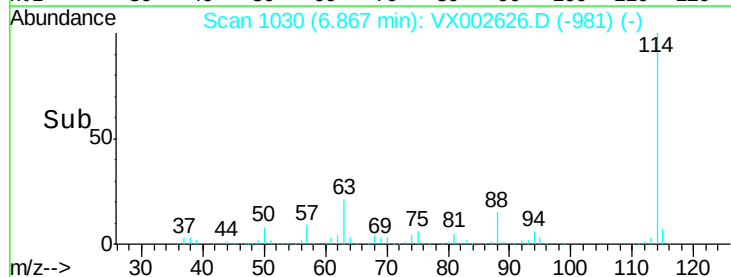
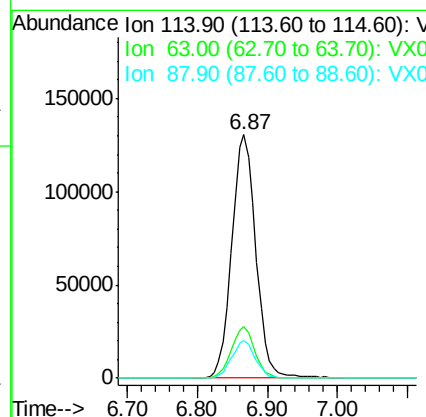
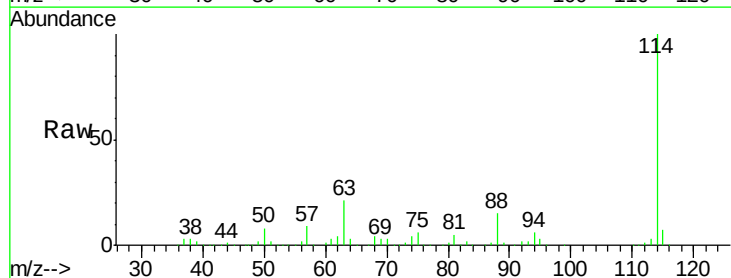
Manual Integrations
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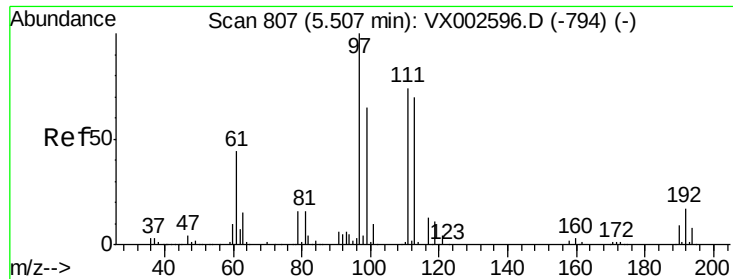
MMDadoda
 6/18/2018 5:12:05 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002626.D
 Acq: 16 Jun 2018 05:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	311363		
63	21.2	0.0	41.4	
88	15.2	0.0	30.0	





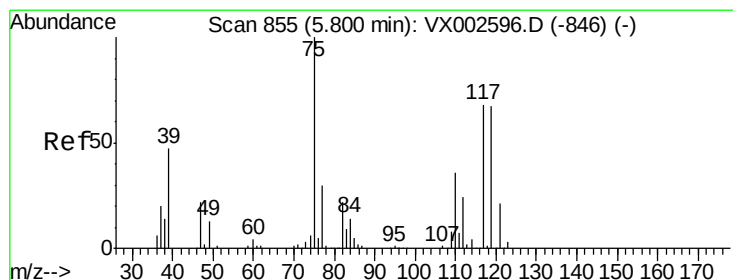
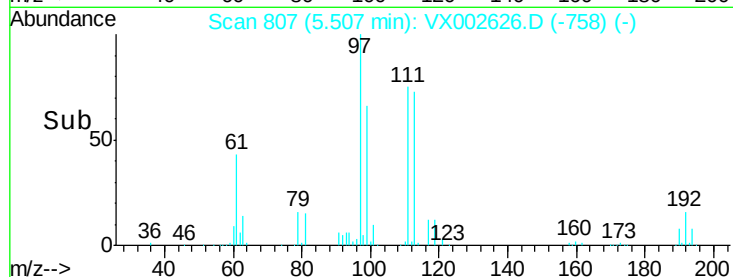
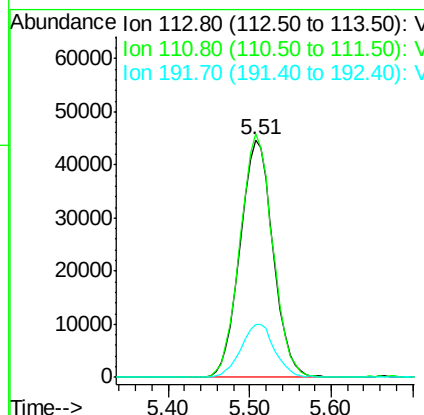
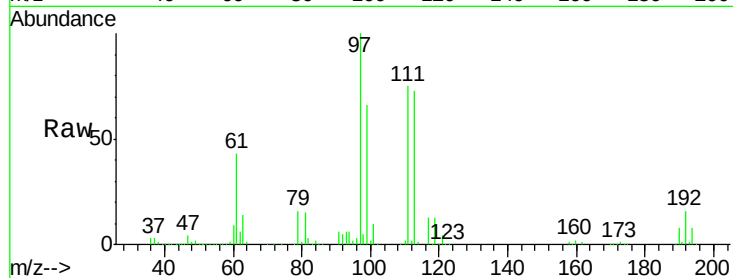
#35
 Dibromofluoromethane
 Concen: 50.39 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX002626.D
 Acq: 16 Jun 2018 05:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	125228		
111	101.9	81.4	122.0	
192	22.9	19.1	28.7	

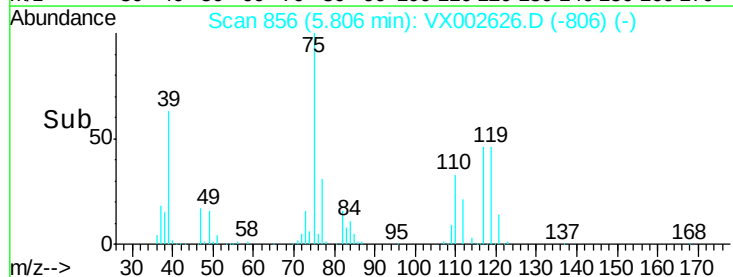
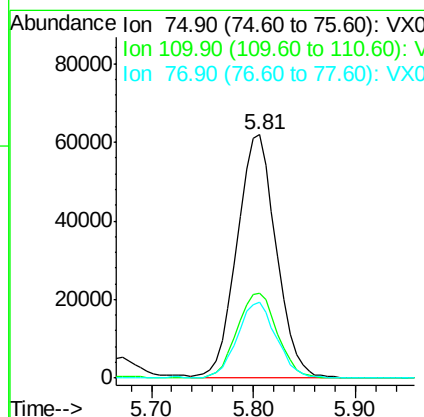
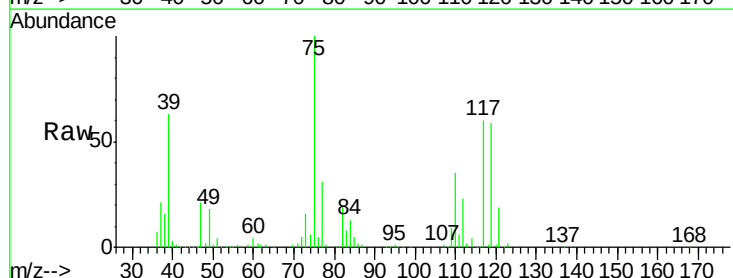
Manual Integrations
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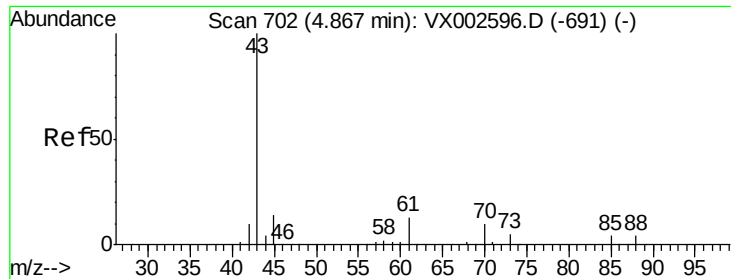
MMDadoda
 6/18/2018 5:12:05 PM



#36
 1,1-Dichloropropene
 Concen: 49.74 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.01 min
 Lab File: VX002626.D
 Acq: 16 Jun 2018 05:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	164472		
110	36.3	18.1	54.4	
77	30.9	24.3	36.5	





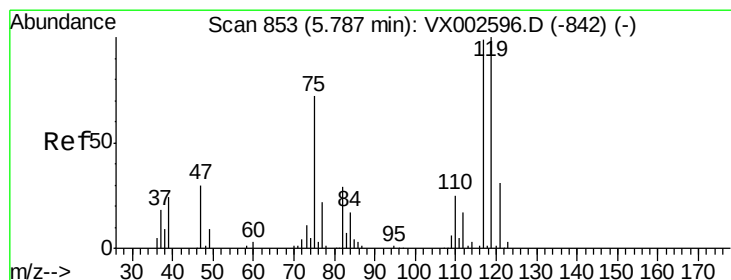
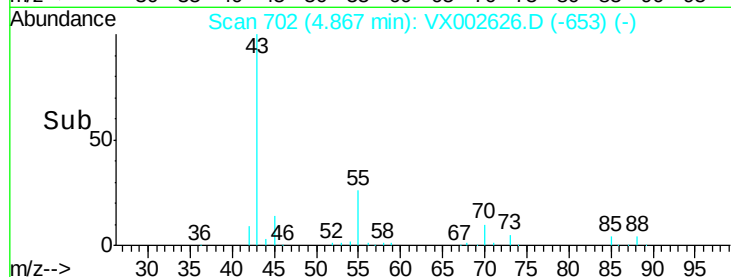
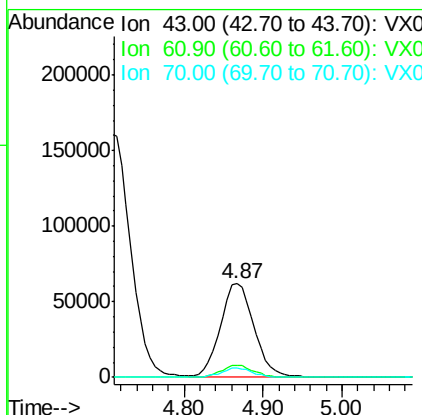
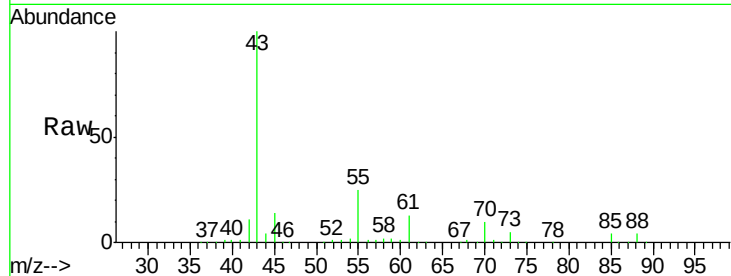
#37
Ethyl Acetate
Concen: 48.86 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX002626.D
Acq: 16 Jun 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.4	15.6
70	9.4	7.6	11.4

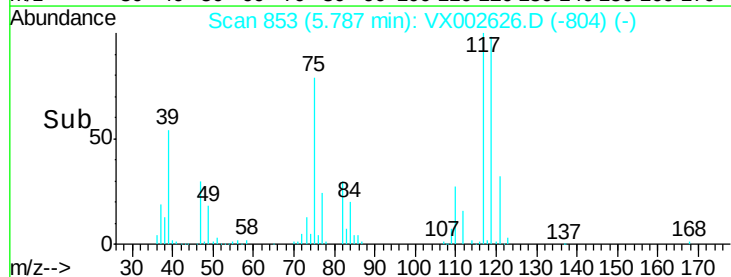
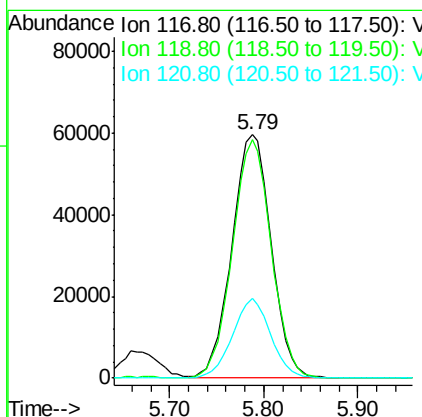
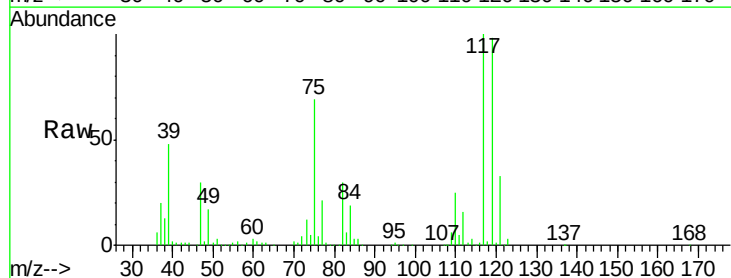
Manual Integrations
APPROVED

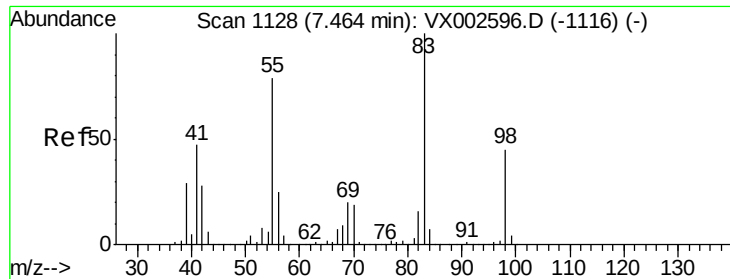
MMDadoda
6/18/2018 5:12:05 PM



#38
Carbon Tetrachloride
Concen: 52.79 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002626.D
Acq: 16 Jun 2018 05:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	77.4	116.0
121	32.6	24.4	36.6





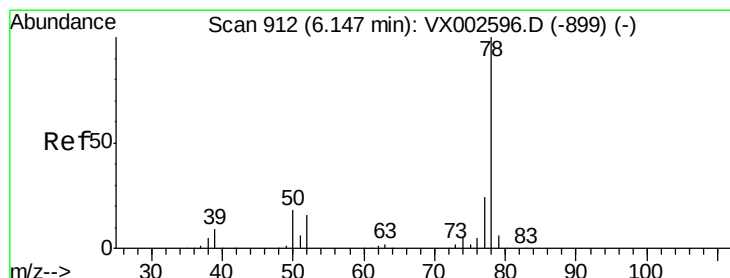
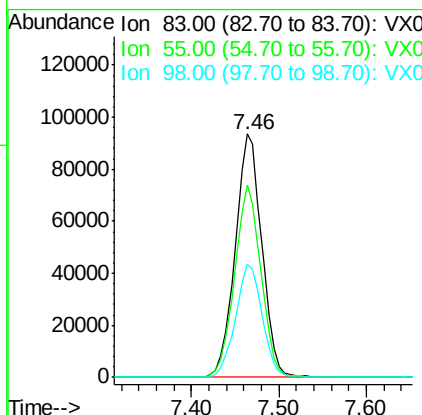
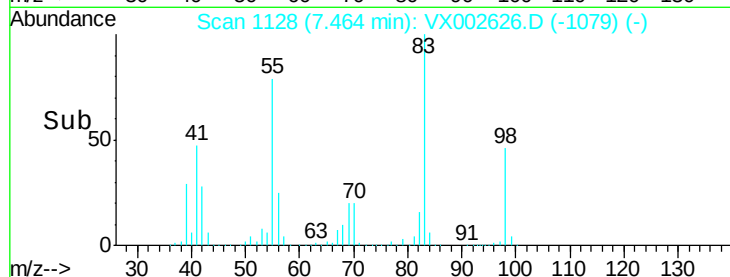
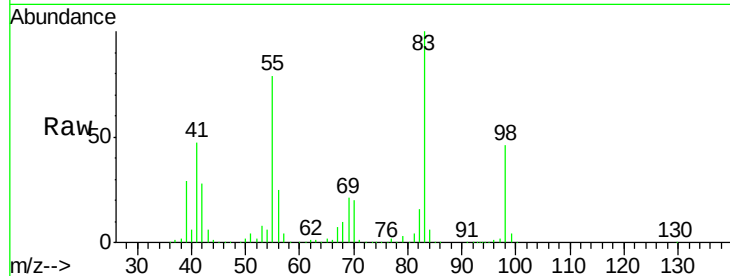
#39
Methylvlcyclohexane
Concen: 51.18 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002626.D
Acq: 16 Jun 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.0	65.4	98.0
98	46.2	37.4	56.0

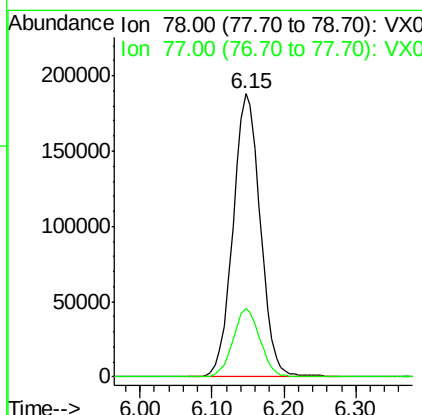
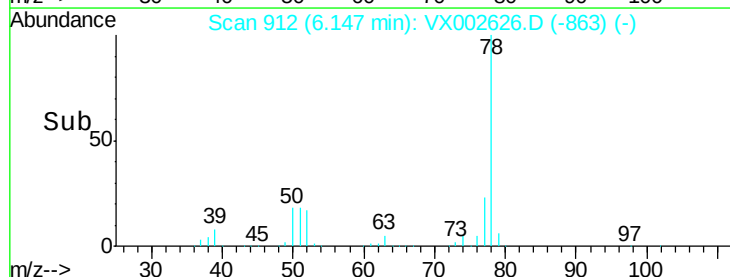
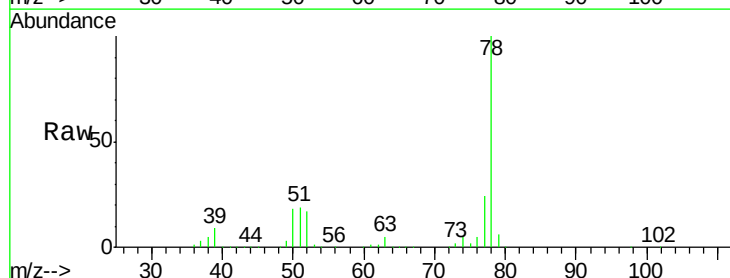
Manual Integrations
APPROVED

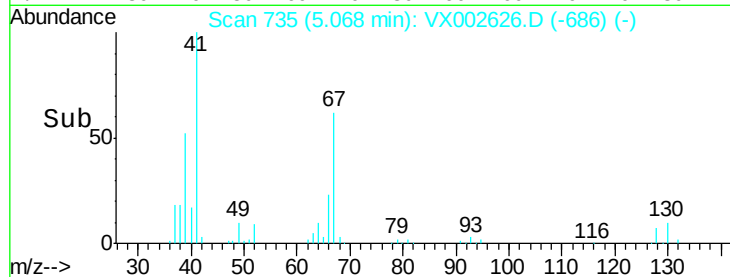
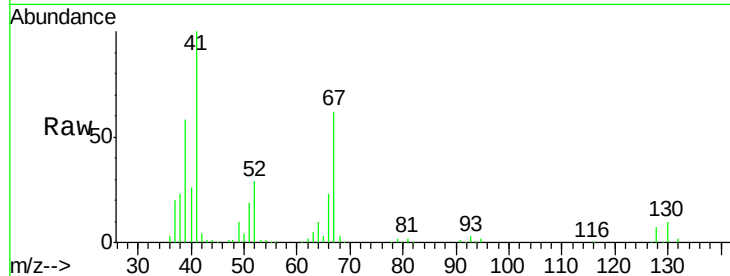
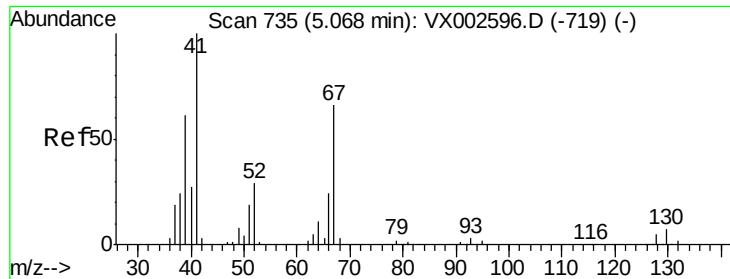
MMDadoda
6/18/2018 5:12:05 PM



#40
Benzene
Concen: 49.80 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002626.D
Acq: 16 Jun 2018 05:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.1	28.7





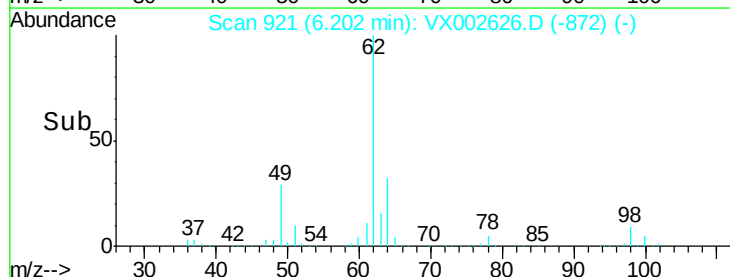
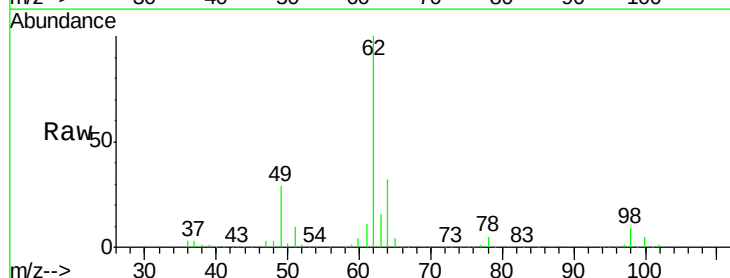
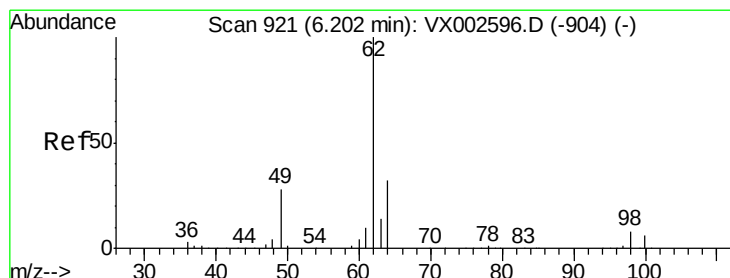
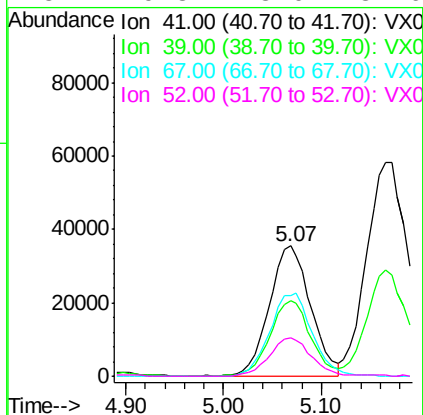
#41
Methacrylonitrile
Concen: 49.20 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002626.D
Acq: 16 Jun 2018 05:00

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.7	45.8	68.6	
67	66.0	51.3	76.9	
52	29.8	23.0	34.6	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

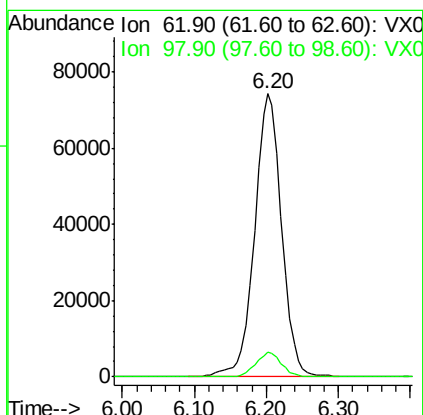
Manual Integrations
APPROVED

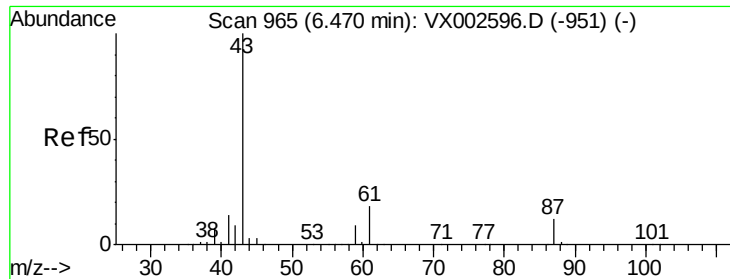
MMDadoda
6/18/2018 5:12:05 PM



#42
1,2-Dichloroethane
Concen: 50.33 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002626.D
Acq: 16 Jun 2018 05:00

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.3	0.0	16.6	





#43

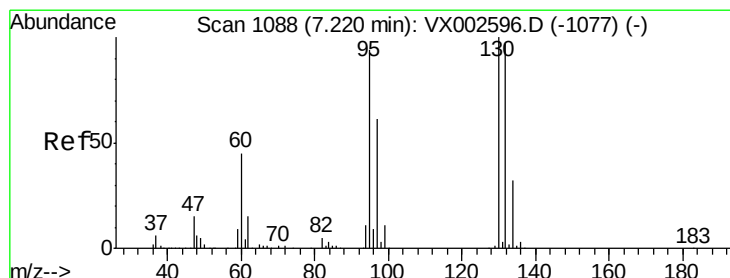
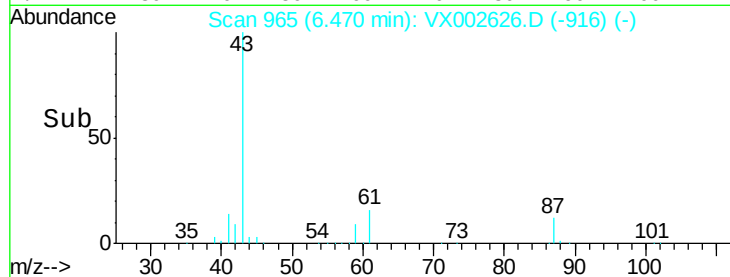
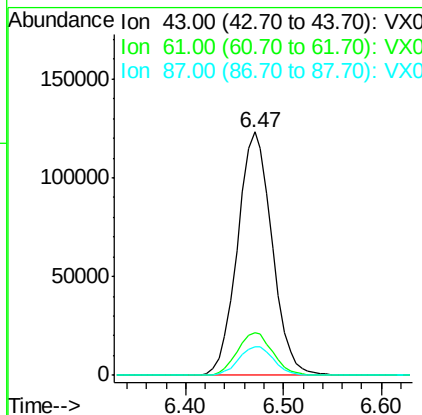
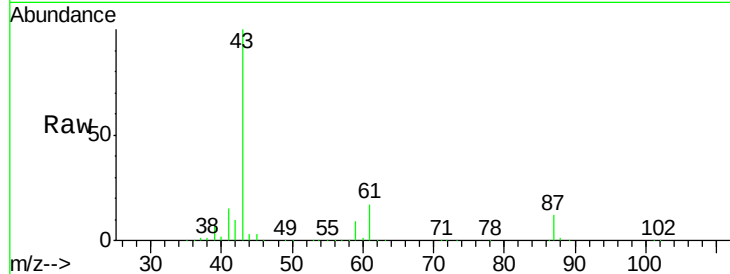
Isopropyl Acetate
 Concen: 48.47 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VX002626.D
 Acq: 16 Jun 2018 05:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.0	14.4	21.6
87	12.2	9.5	14.3

Manual Integrations
 APPROVED

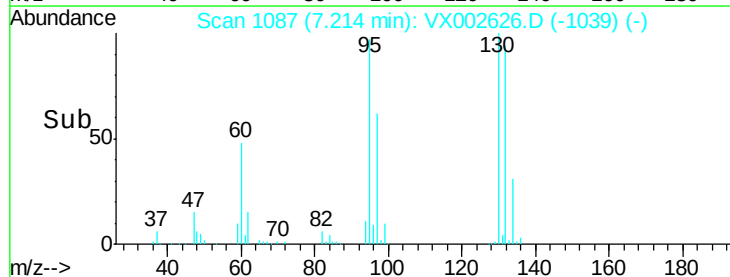
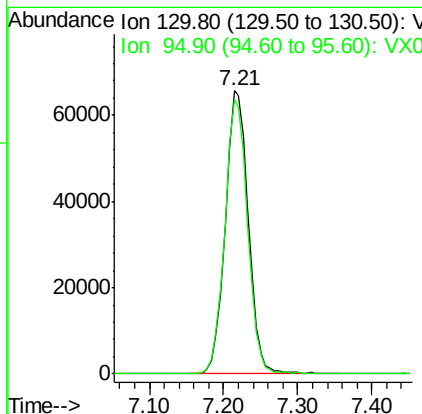
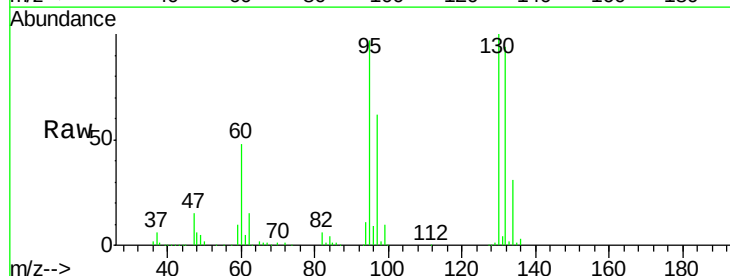
MMDadoda
 6/18/2018 5:12:05 PM

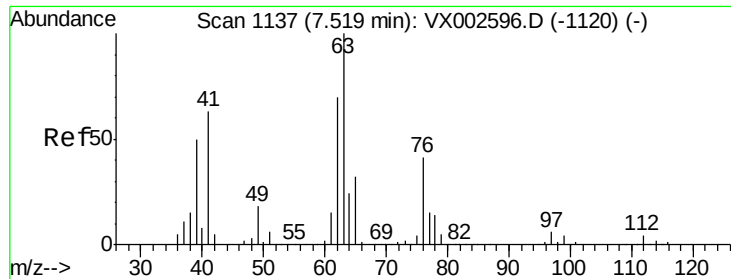


#44

Trichloroethene
 Concen: 49.61 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX002626.D
 Acq: 16 Jun 2018 05:00

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.9	0.0	185.4





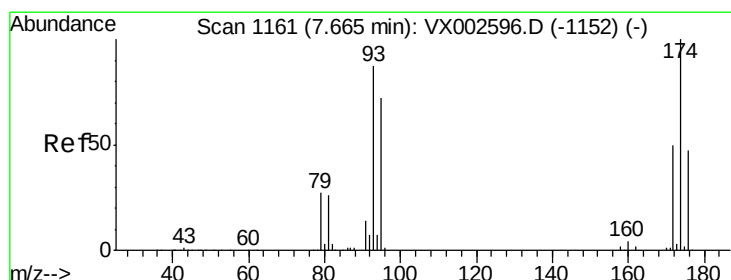
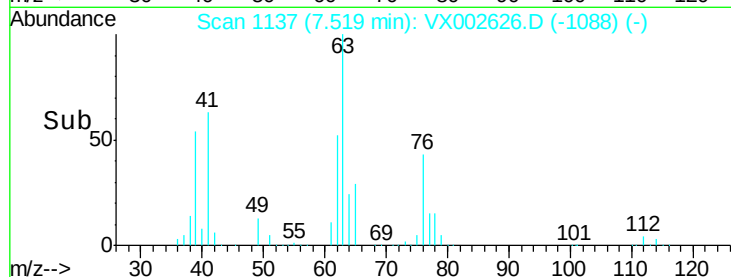
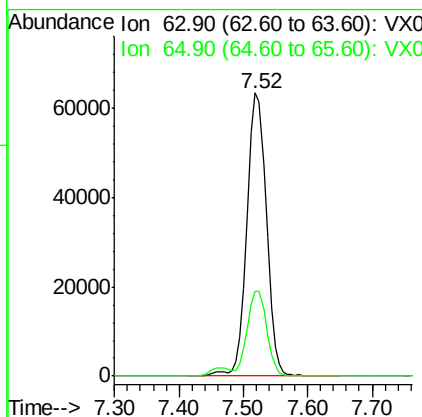
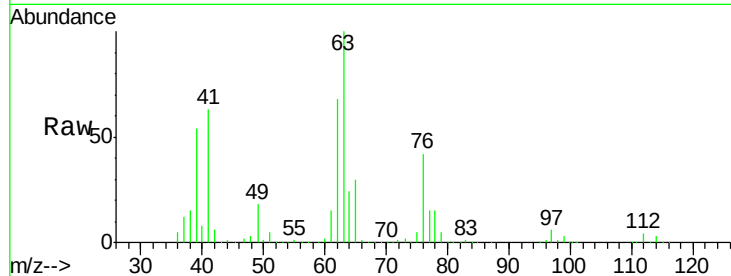
#45
 1,2-Dichloropropane
 Concen: 50.51 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX002626.D
 Acq: 16 Jun 2018 05:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 131814
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.7 37.1

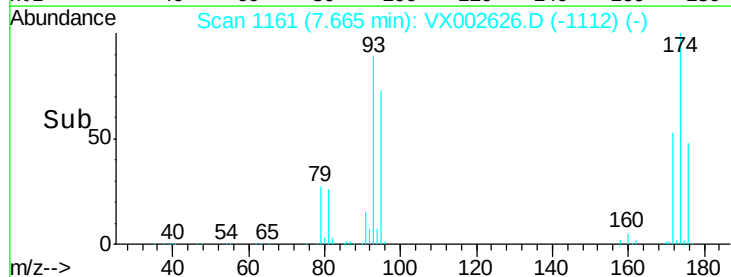
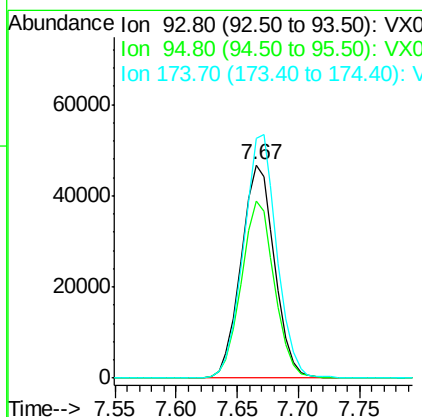
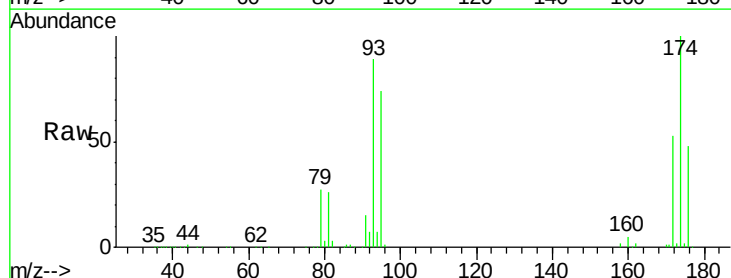
Manual Integrations
 APPROVED

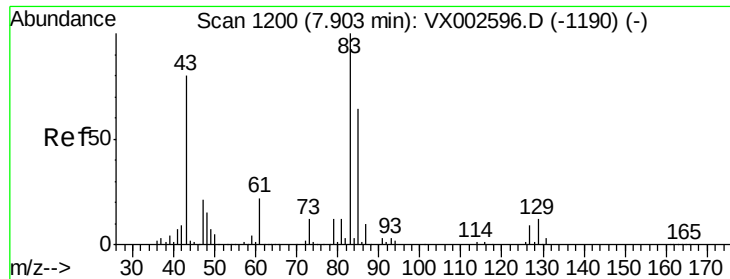
MMDadoda
 6/18/2018 5:12:05 PM



#46
 Dibromomethane
 Concen: 50.78 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX002626.D
 Acq: 16 Jun 2018 05:00

Tgt Ion: 93 Resp: 88652
 Ion Ratio Lower Upper
 93 100
 95 82.7 65.9 98.9
 174 114.5 92.4 138.6





#47

Bromodichloromethane

Concen: 52.81 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002626.D

Acq: 16 Jun 2018 05:00

Instrument :

MSVOA_X

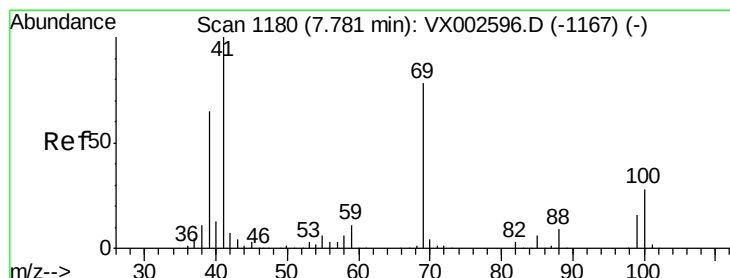
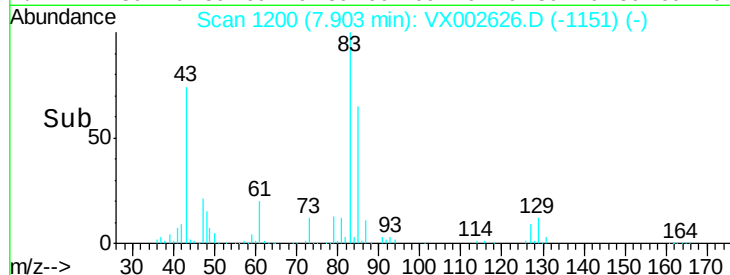
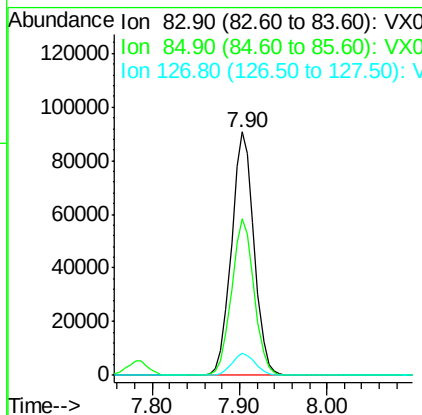
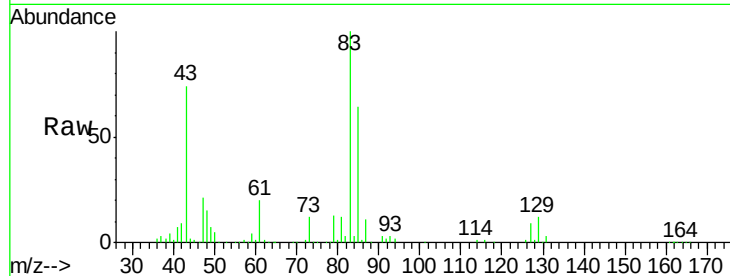
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	162588
Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.3	75.5
127	9.0	7.0	10.4

Manual Integrations
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MMDadoda
6/18/2018 5:12:05 PM



#48

Methyl methacrylate

Concen: 49.58 ug/l

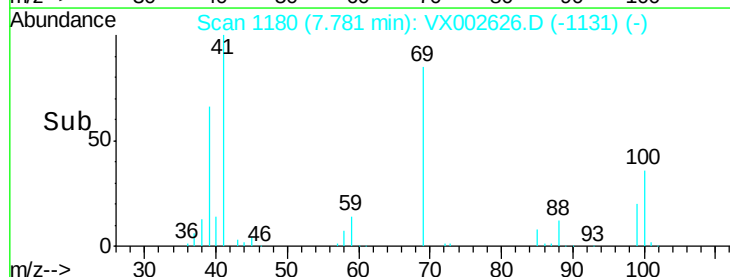
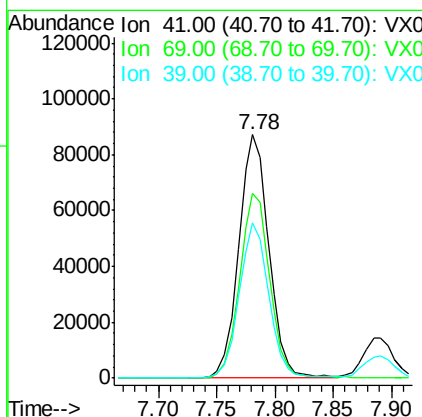
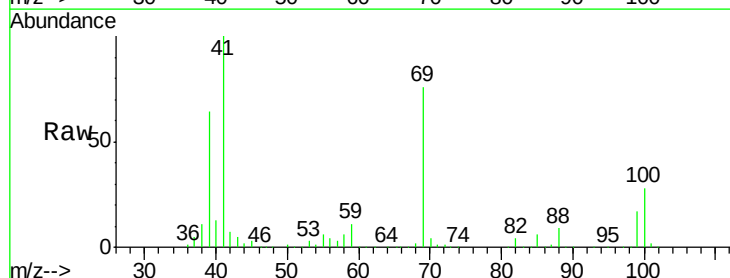
RT: 7.78 min Scan# 1180

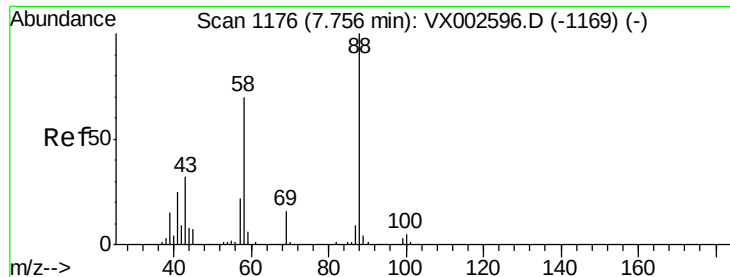
Delta R.T. 0.00 min

Lab File: VX002626.D

Acq: 16 Jun 2018 05:00

Tgt Ion:	41	Resp:	157130
Ion	Ratio	Lower	Upper
41	100		
69	76.1	59.1	88.7
39	61.9	48.9	73.3





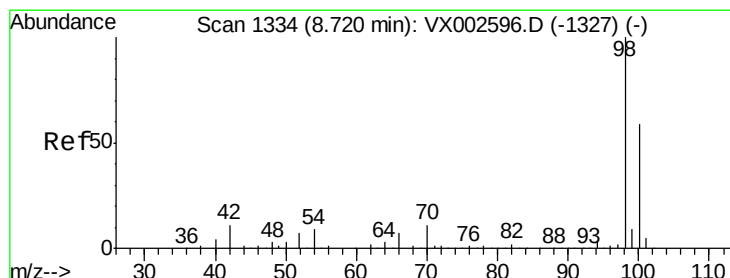
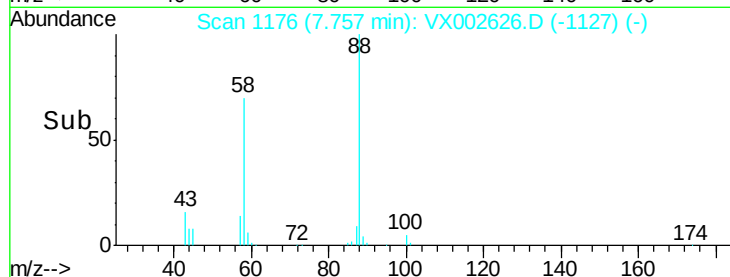
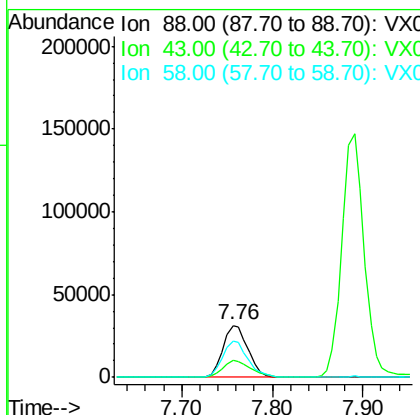
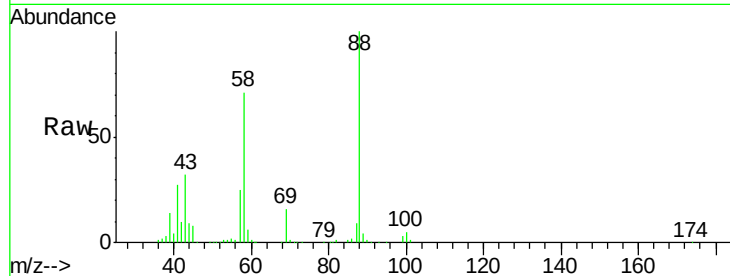
#49
1,4-Dioxane
Concen: 1008.94 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX002626.D
Acq: 16 Jun 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.7	29.8	44.6
58	69.9	57.1	85.7

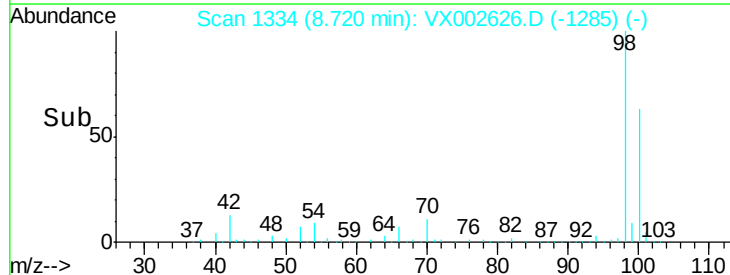
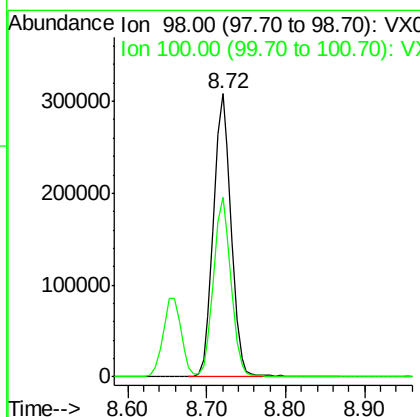
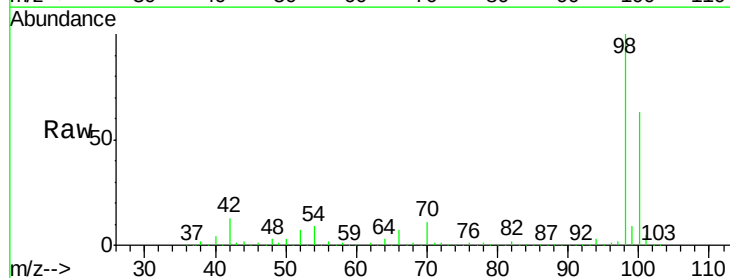
Manual Integrations
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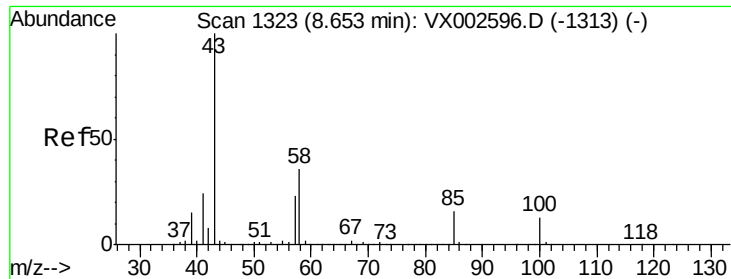
MMDadoda
6/18/2018 5:12:05 PM



#50
Toluene-d8
Concen: 51.18 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002626.D
Acq: 16 Jun 2018 05:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.9	76.3





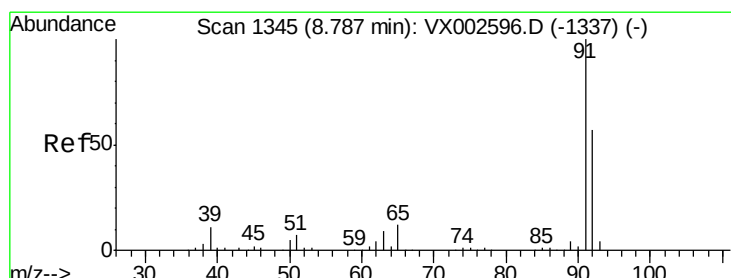
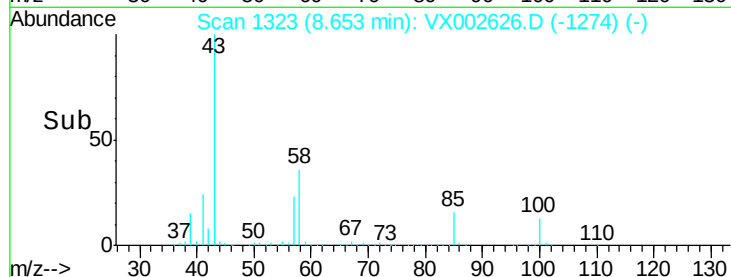
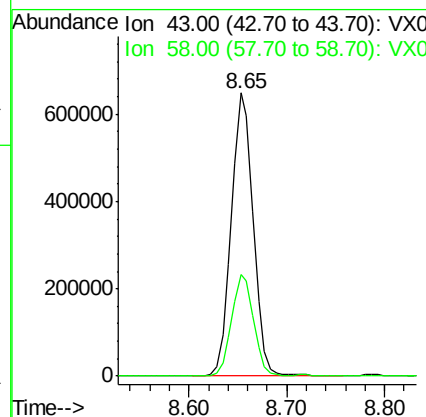
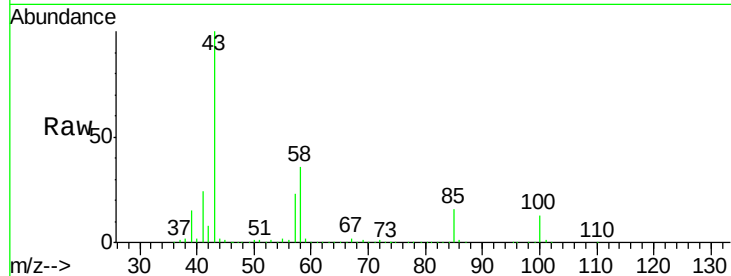
#51
4-Methyl-2-Pentanone
Concen: 253.51 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX002626.D
Acq: 16 Jun 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1009383
Ion Ratio Lower Upper
43 100
58 35.7 28.6 42.8

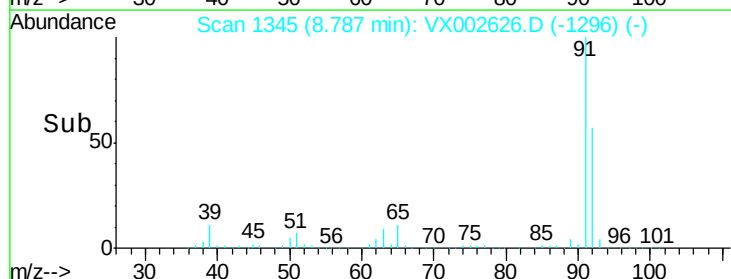
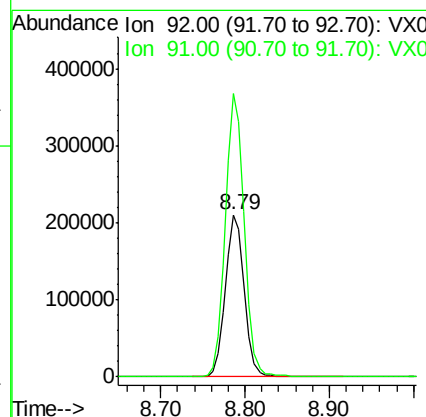
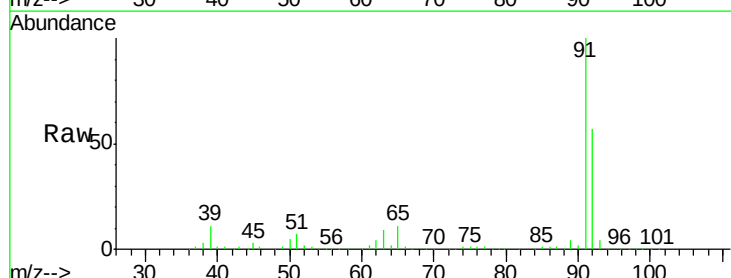
Manual Integrations
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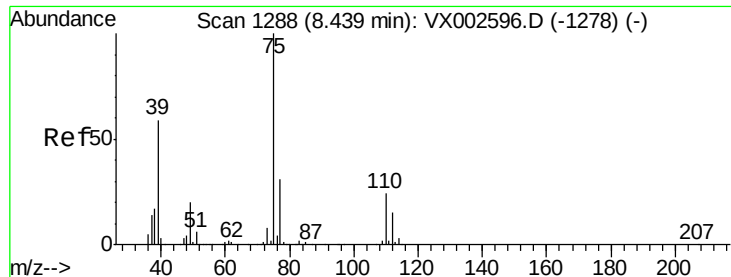
MMDadoda
6/18/2018 5:12:05 PM



#52
Toluene
Concen: 51.75 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX002626.D
Acq: 16 Jun 2018 05:00

Tgt Ion: 92 Resp: 327306
Ion Ratio Lower Upper
92 100
91 174.4 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 45.36 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002626.D

Acq: 16 Jun 2018 05:00

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 75 Resp: 183904

Ion Ratio Lower Upper

75 100

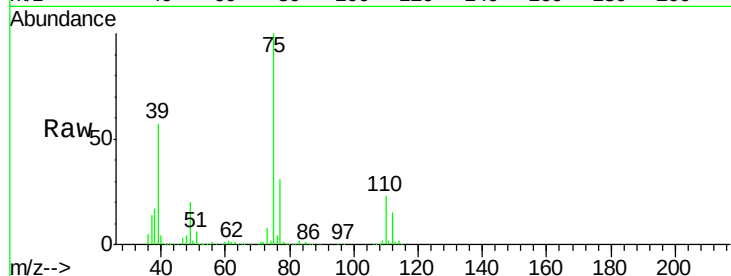
77 31.1 25.4 38.2

Manual Integrations

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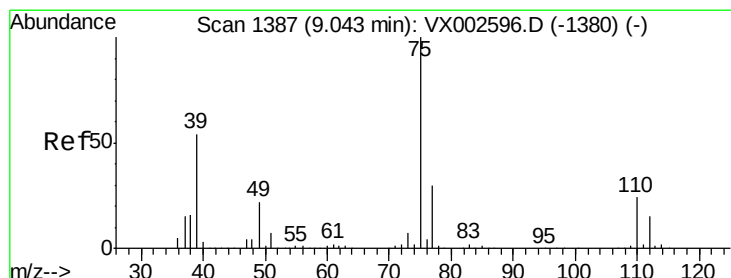
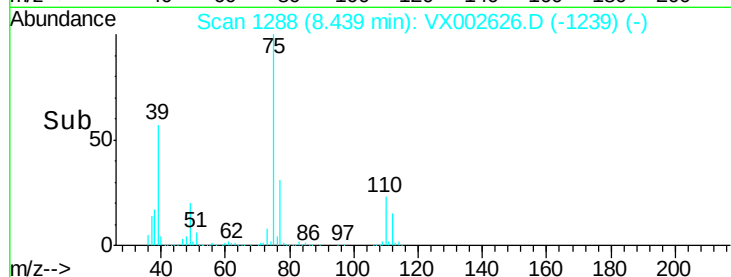
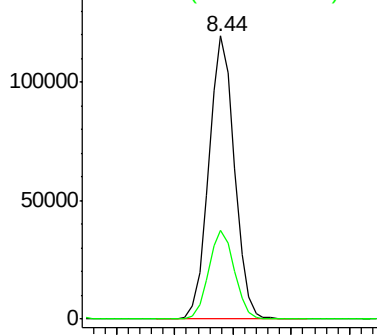
MMDadoda

6/18/2018 5:12:05 PM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 43.90 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX002626.D

Acq: 16 Jun 2018 05:00

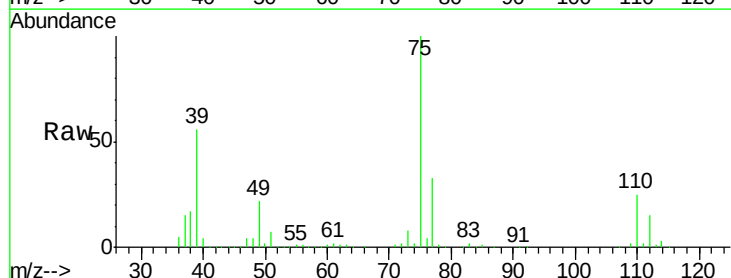
Tgt Ion: 75 Resp: 169046

Ion Ratio Lower Upper

75 100

77 32.8 24.8 37.2

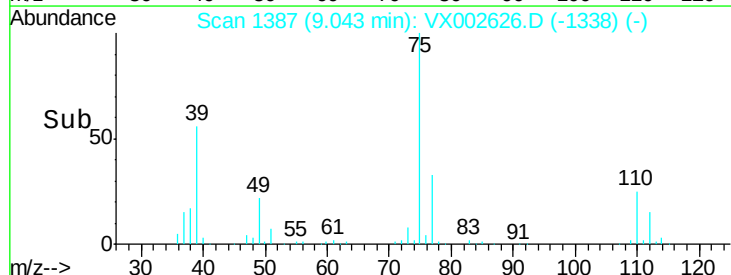
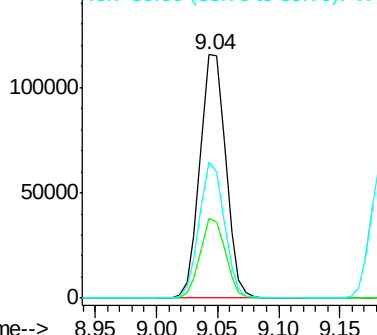
39 55.8 42.4 63.6

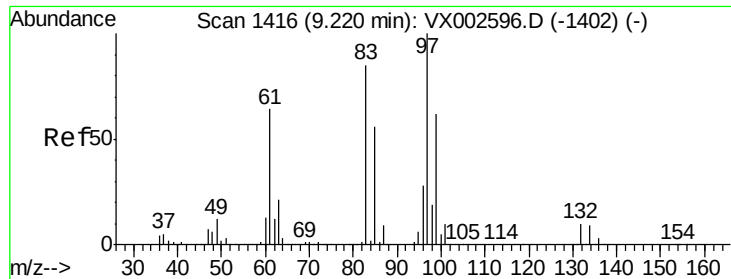


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





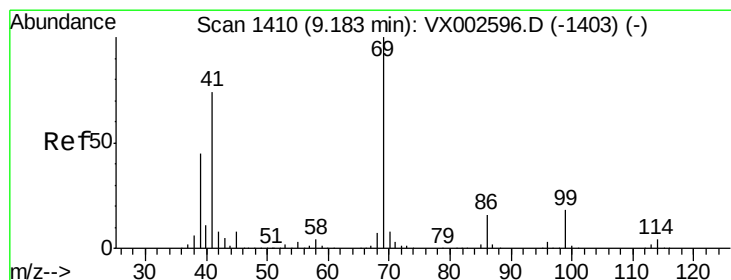
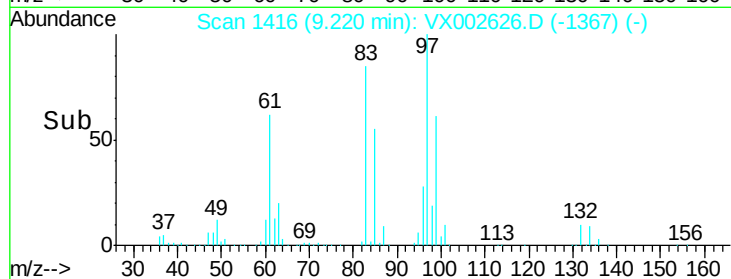
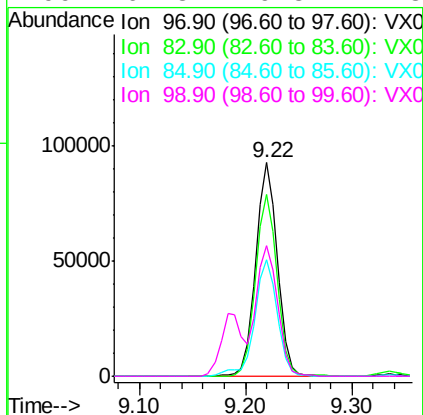
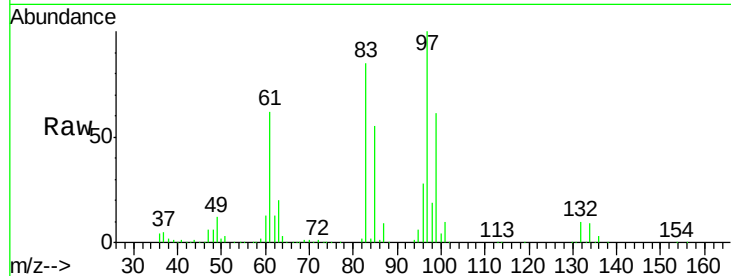
#55
 1,1,2-Trichloroethane
 Concen: 51.72 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002626.D
 Acq: 16 Jun 2018 05:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	132188
Ion	Ratio	Lower	Upper
97	100		
83	85.3	70.2	105.2
85	54.8	44.9	67.3
99	61.3	49.8	74.8

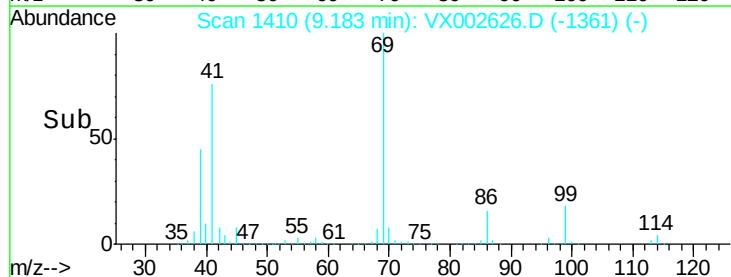
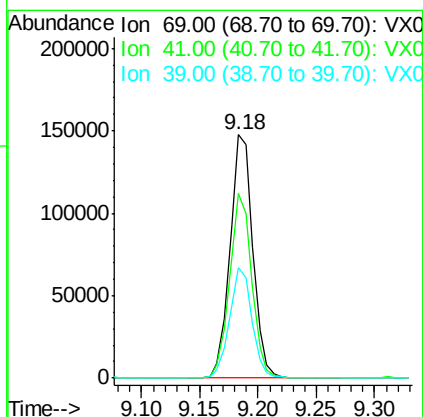
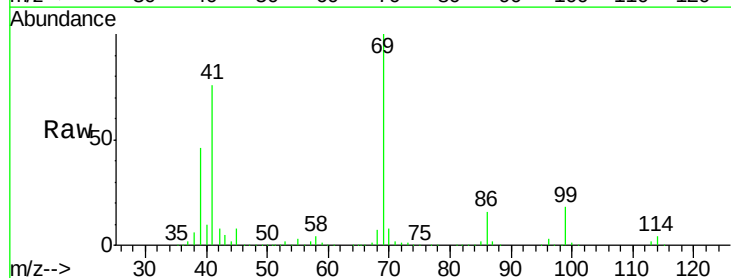
Manual Integrations
 APPROVED

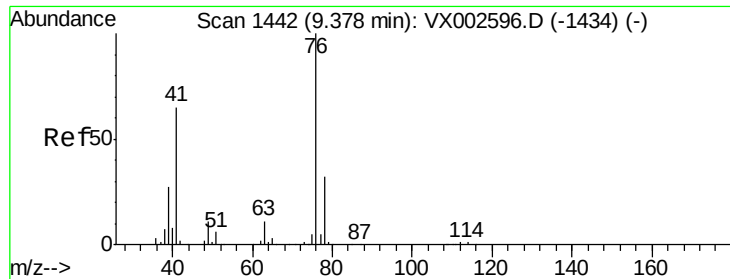
MMDadoda
 6/18/2018 5:12:05 PM



#56
 Ethyl methacrylate
 Concen: 51.29 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002626.D
 Acq: 16 Jun 2018 05:00

Tgt Ion:	69	Resp:	201718
Ion	Ratio	Lower	Upper
69	100		
41	73.4	60.3	90.5
39	44.7	35.8	53.8





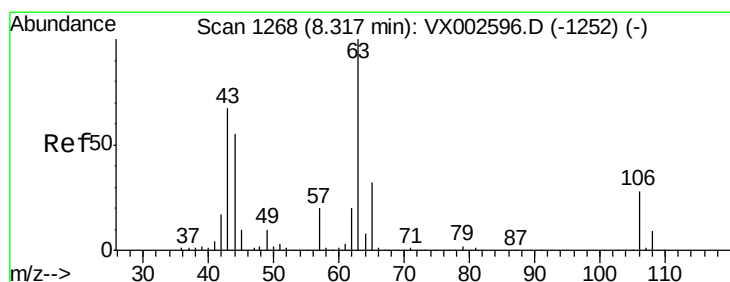
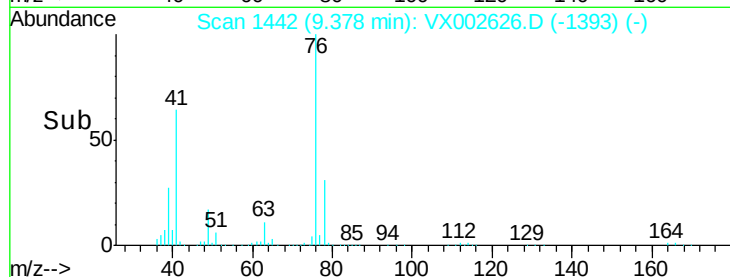
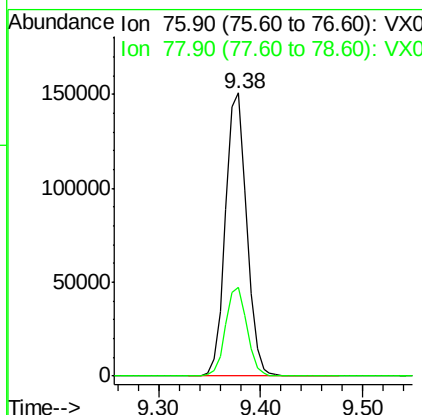
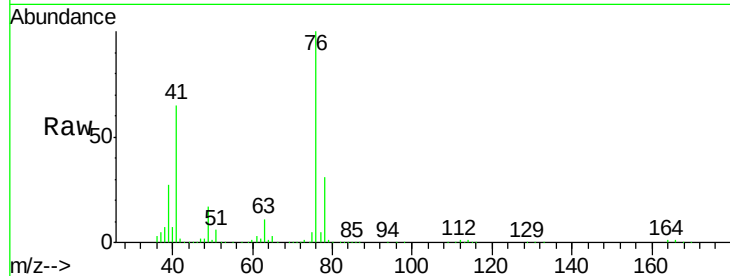
#57
 1,3-Dichloropropane
 Concen: 50.19 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX002626.D
 Acq: 16 Jun 2018 05:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 216943
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.8 38.6

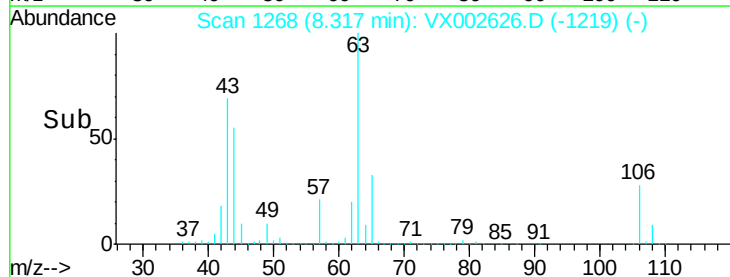
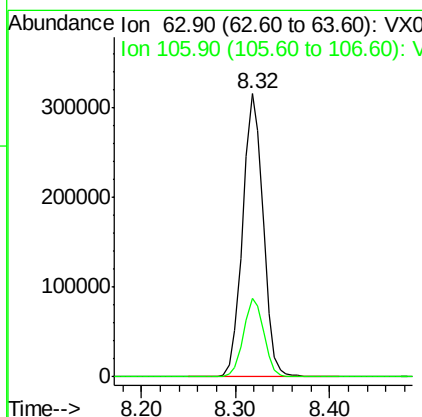
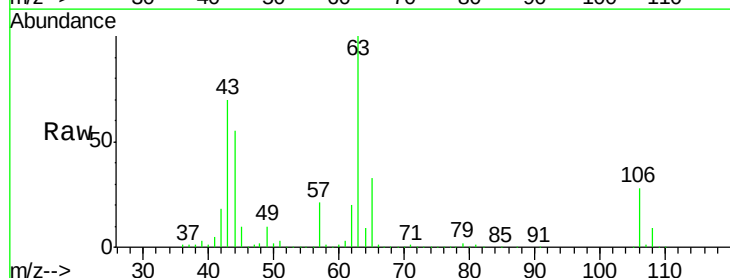
Manual Integrations
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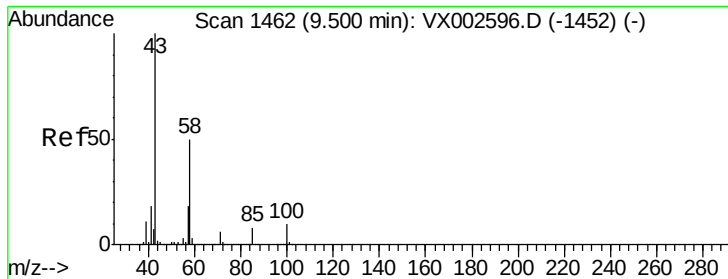
MMDadoda
 6/18/2018 5:12:05 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 252.40 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX002626.D
 Acq: 16 Jun 2018 05:00

Tgt Ion: 63 Resp: 480159
 Ion Ratio Lower Upper
 63 100
 106 27.7 21.8 32.8





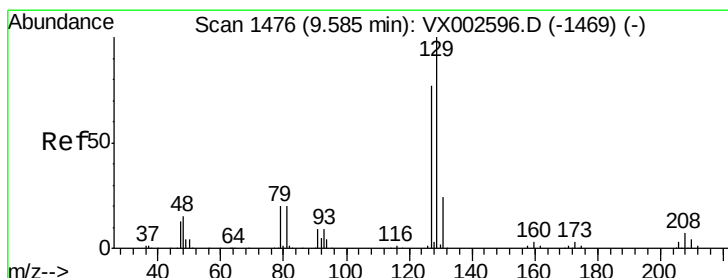
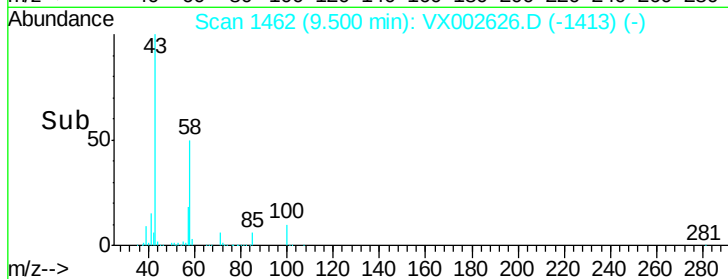
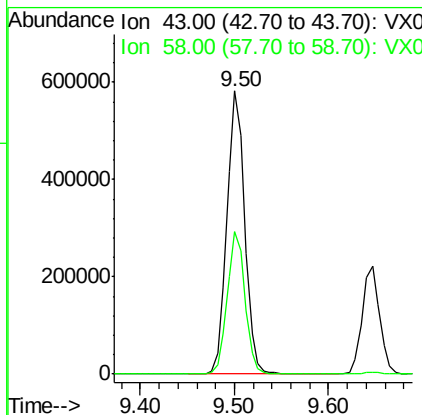
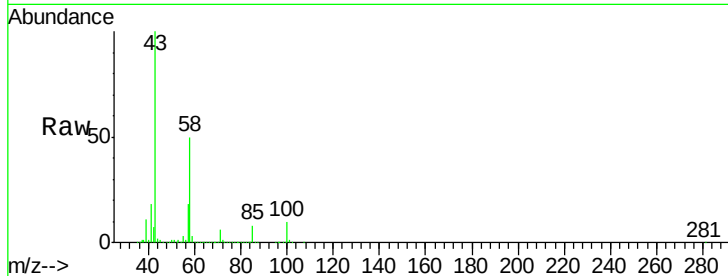
#59
2-Hexanone
Concen: 255.31 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002626.D
Acq: 16 Jun 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 766033
Ion Ratio Lower Upper
43 100
58 50.1 24.6 73.6

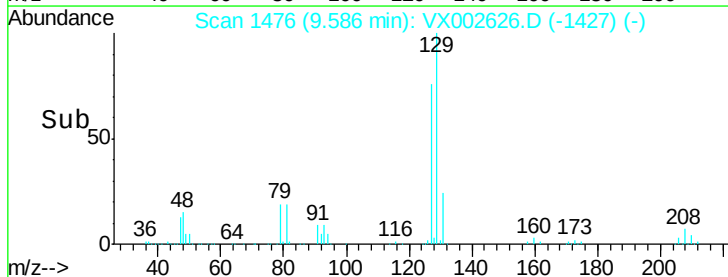
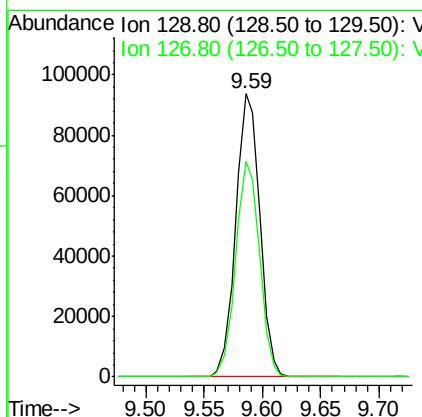
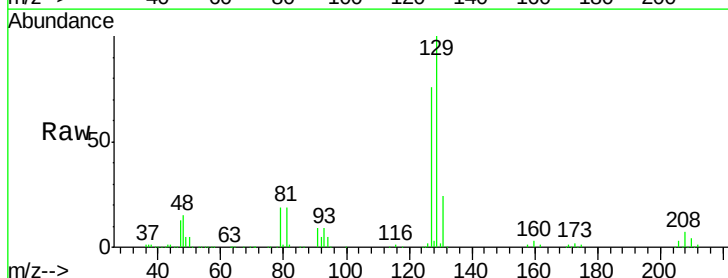
Manual Integrations
APPROVED

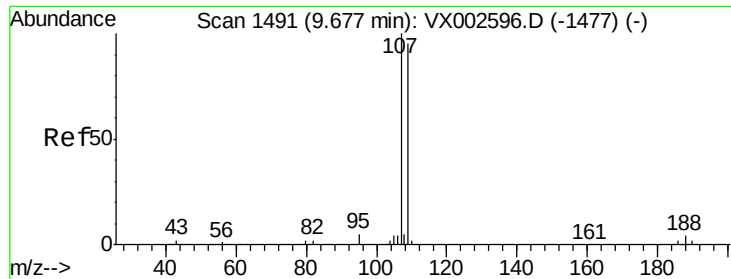
MMDadoda
6/18/2018 5:12:05 PM



#60
Dibromochloromethane
Concen: 47.30 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002626.D
Acq: 16 Jun 2018 05:00

Tgt Ion: 129 Resp: 135371
Ion Ratio Lower Upper
129 100
127 75.6 38.5 115.3





#61

1,2-Dibromoethane

Concen: 52.04 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002626.D

Acq: 16 Jun 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 137760

Ion Ratio Lower Upper

107 100

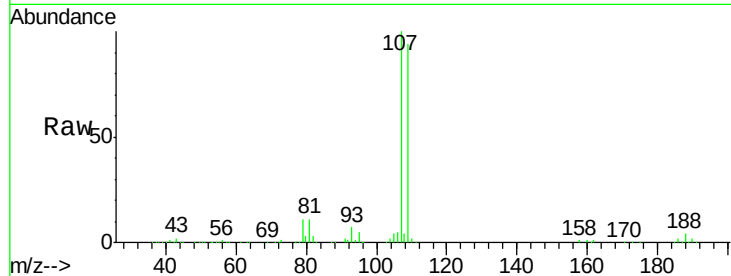
109 94.3 75.3 112.9

Manual Integrations

APPROVED

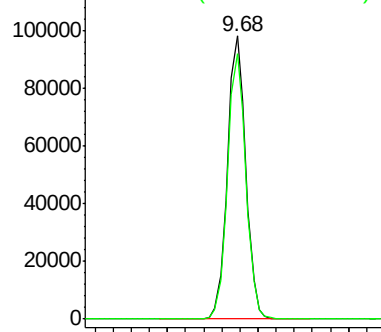
MMDadoda

6/18/2018 5:12:05 PM

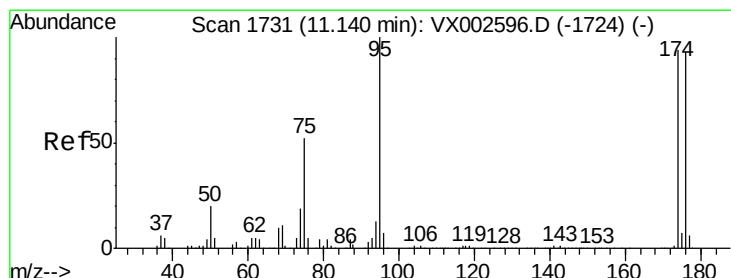
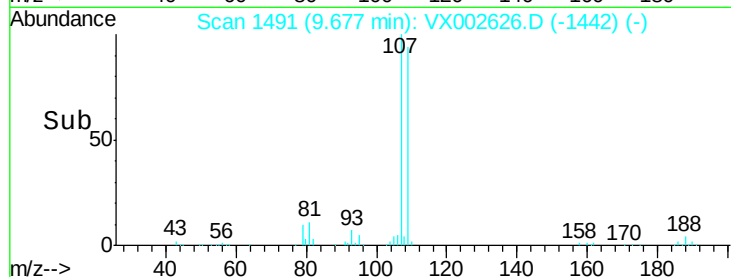


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 51.39 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002626.D

Acq: 16 Jun 2018 05:00

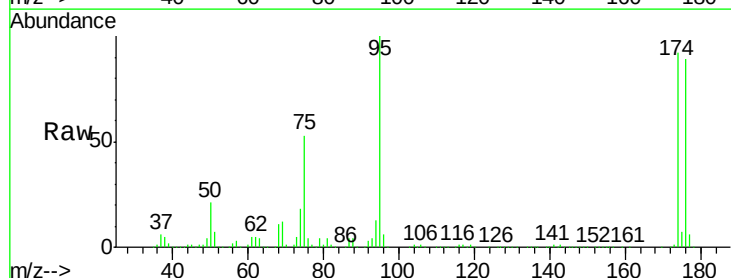
Tgt Ion: 95 Resp: 183733

Ion Ratio Lower Upper

95 100

174 97.7 0.0 187.4

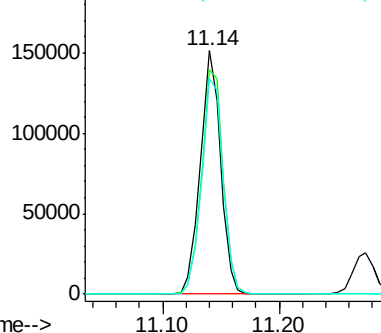
176 93.7 0.0 181.0



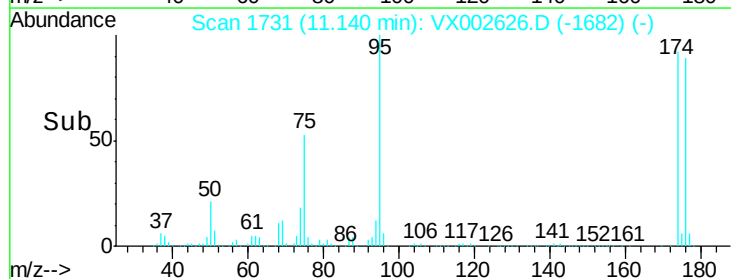
Abundance Ion 94.90 (94.60 to 95.60): VX0

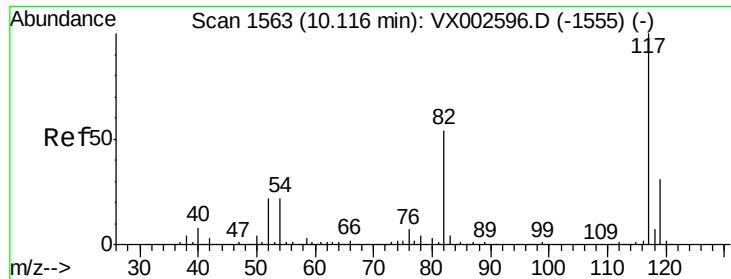
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





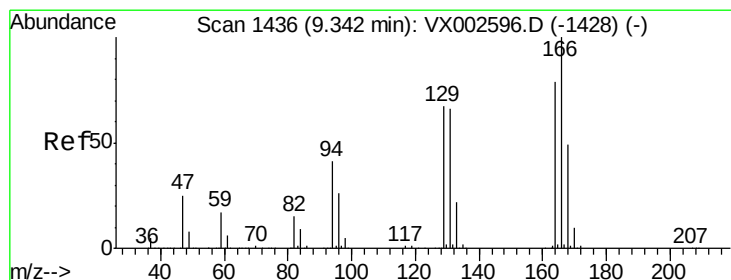
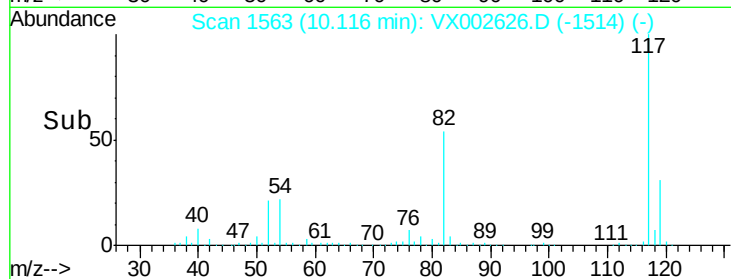
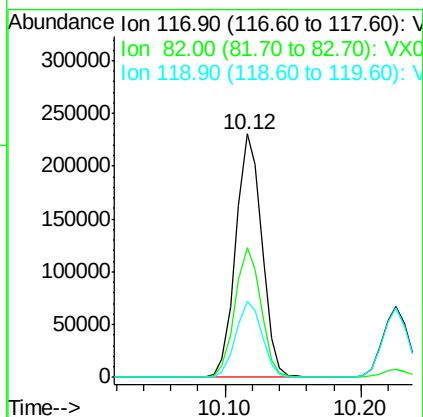
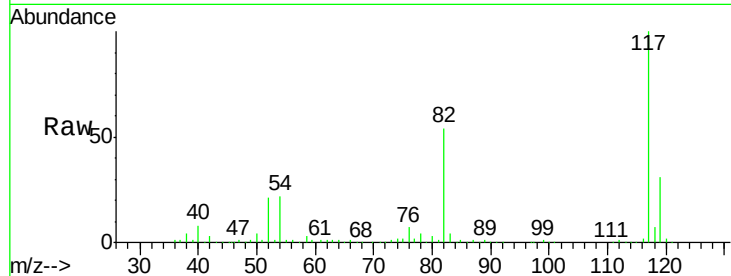
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002626.D
Acq: 16 Jun 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	45.0	67.4
119	31.4	25.8	38.6

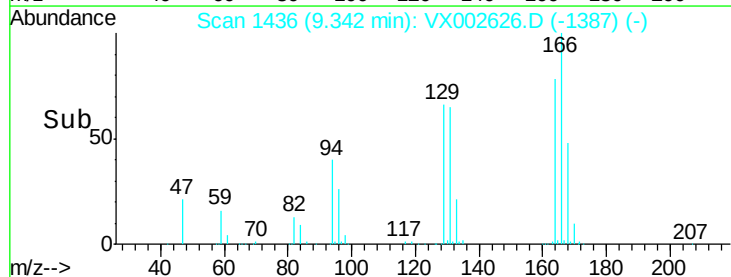
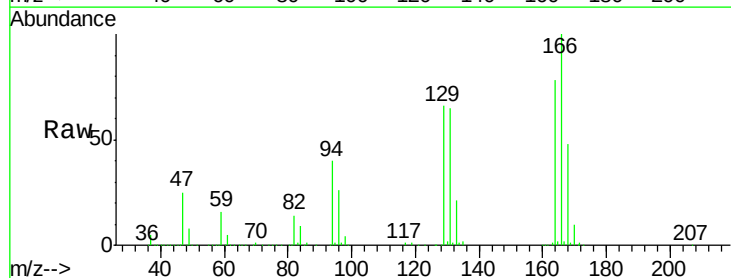
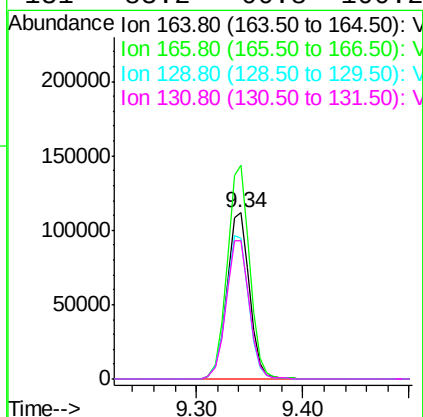
Manual Integrations
APPROVED

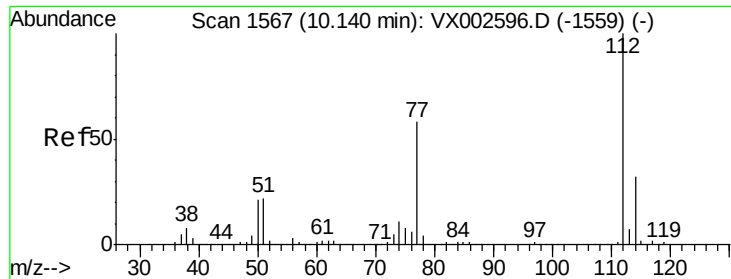
MMDadoda
6/18/2018 5:12:05 PM



#64
Tetrachloroethene
Concen: 48.37 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002626.D
Acq: 16 Jun 2018 05:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.5	102.9	154.3
129	84.7	68.6	102.8
131	83.2	66.8	100.2





#65

Chlorobenzene

Concen: 49.25 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX002626.D

Acq: 16 Jun 2018 05:00

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:112 Resp: 372860

Ion Ratio Lower Upper

112 100

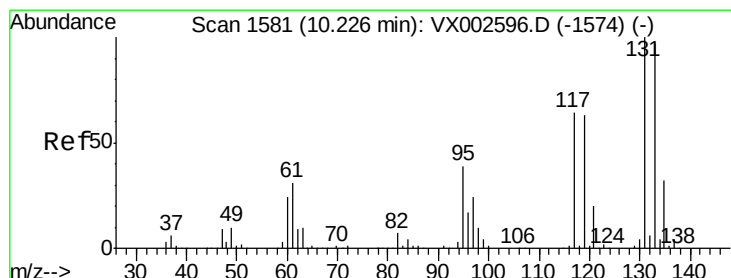
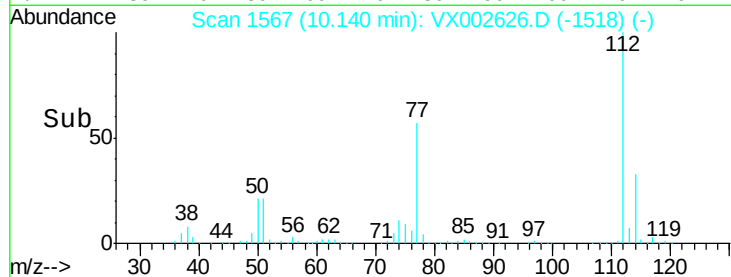
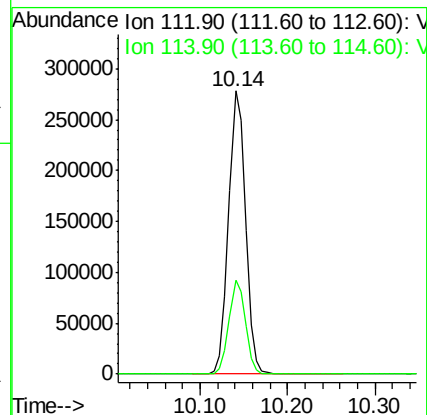
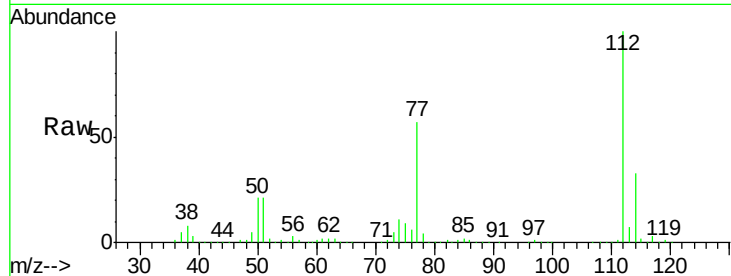
114 33.0 25.3 37.9

Manual Integrations

APPROVED

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6/18/2018 5:12:05 PM



#66

1,1,1,2-Tetrachloroethane

Concen: 51.99 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002626.D

Acq: 16 Jun 2018 05:00

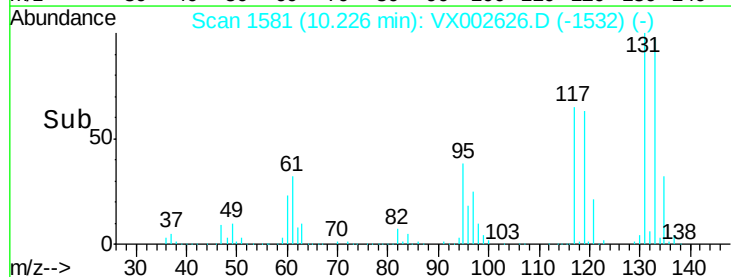
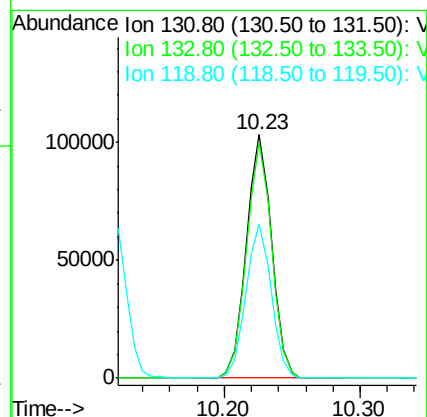
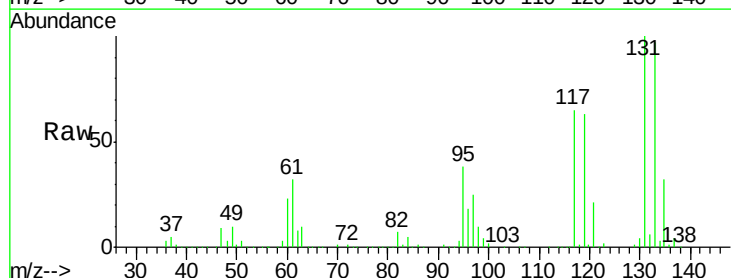
Tgt Ion:131 Resp: 134201

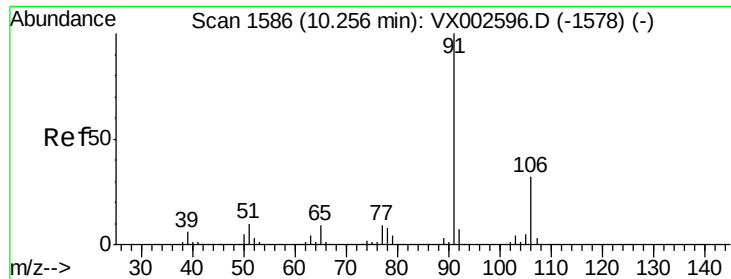
Ion Ratio Lower Upper

131 100

133 96.2 47.9 143.6

119 63.6 31.8 95.3





#67

Ethyl Benzene

Concen: 50.25 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002626.D

Acq: 16 Jun 2018 05:00

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 641763

Ion Ratio Lower Upper

91 100

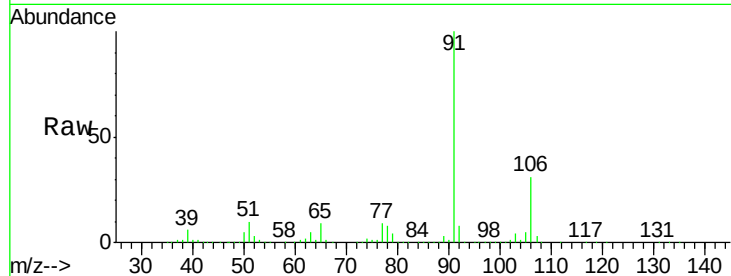
106 31.1 25.5 38.3

Manual Integrations

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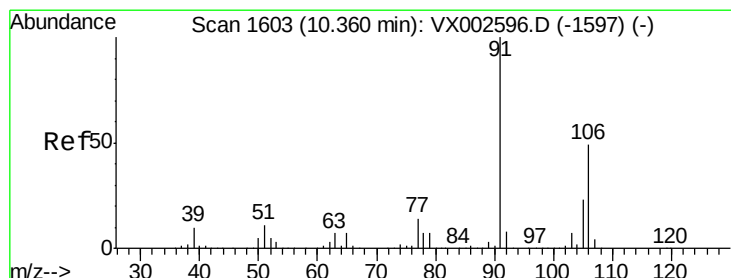
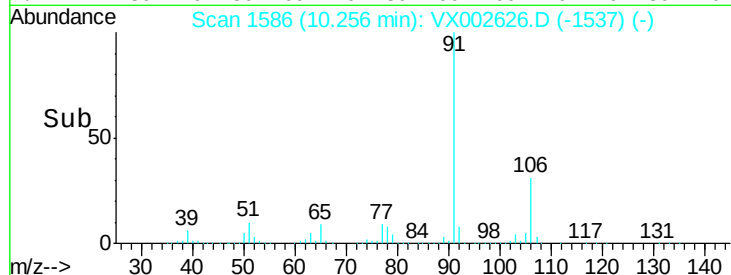
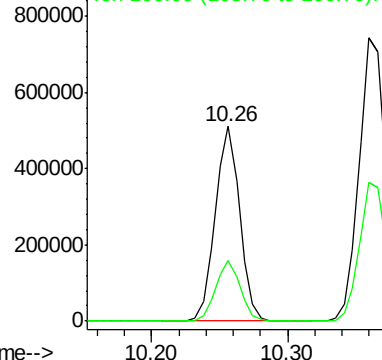
MMDadoda

6/18/2018 5:12:05 PM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 101.51 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX002626.D

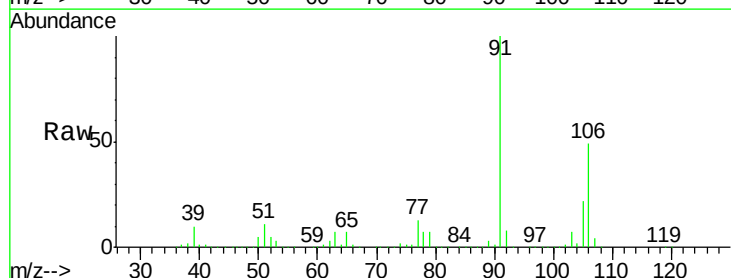
Acq: 16 Jun 2018 05:00

Tgt Ion: 106 Resp: 500018

Ion Ratio Lower Upper

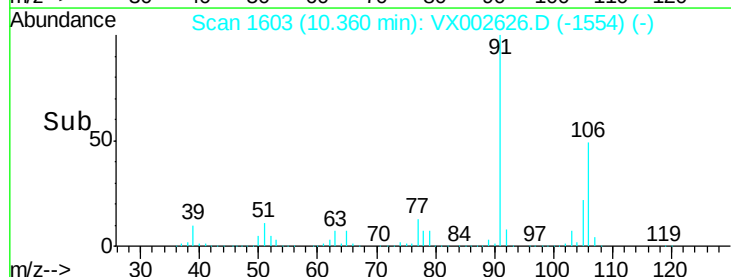
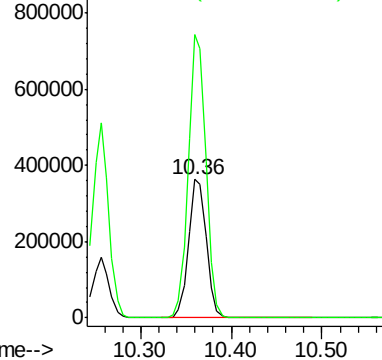
106 100

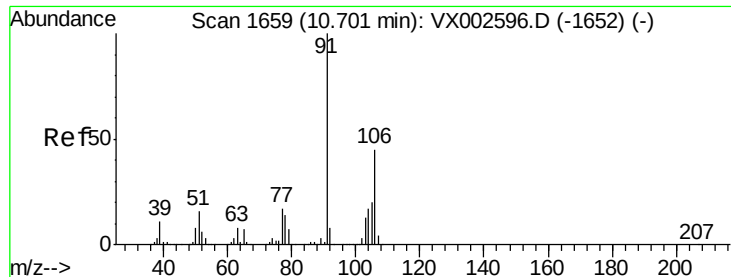
91 202.0 163.4 245.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

o-Xylene

Concen: 50.45 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX002626.D

Acq: 16 Jun 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:106 Resp: 244186

Ion Ratio Lower Upper

106 100

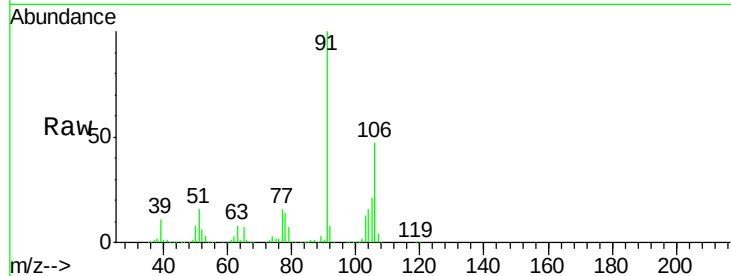
91 212.2 108.2 324.6

Manual Integrations

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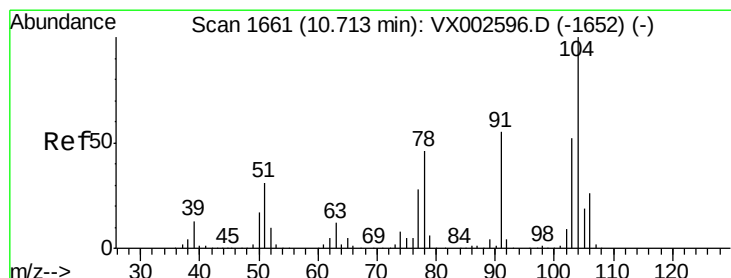
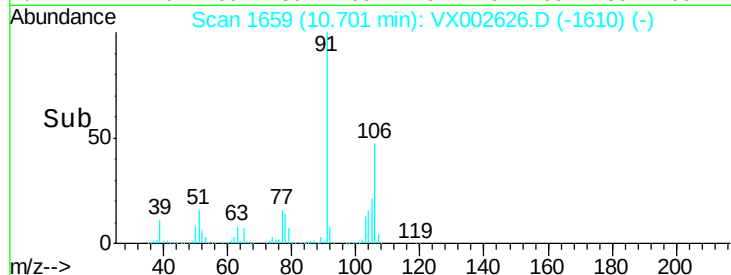
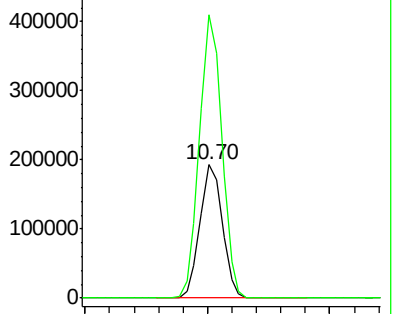
MMDadoda

6/18/2018 5:12:05 PM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 51.36 ug/l

RT: 10.71 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX002626.D

Acq: 16 Jun 2018 05:00

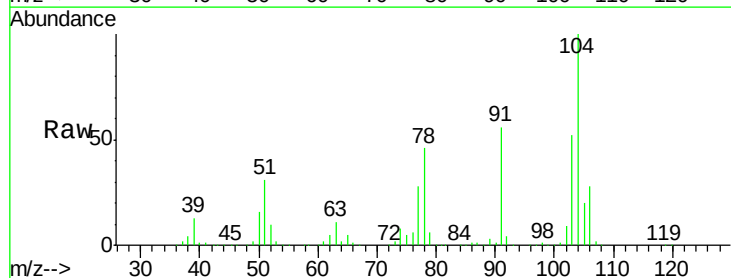
Tgt Ion:104 Resp: 408754

Ion Ratio Lower Upper

104 100

78 50.3 41.0 61.6

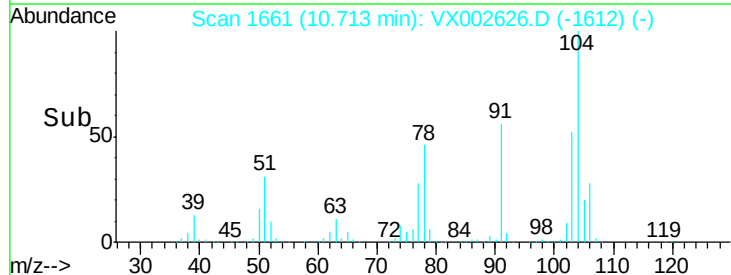
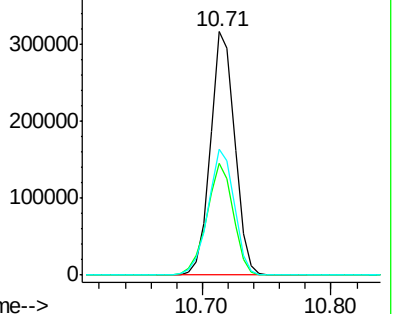
103 56.1 44.2 66.4

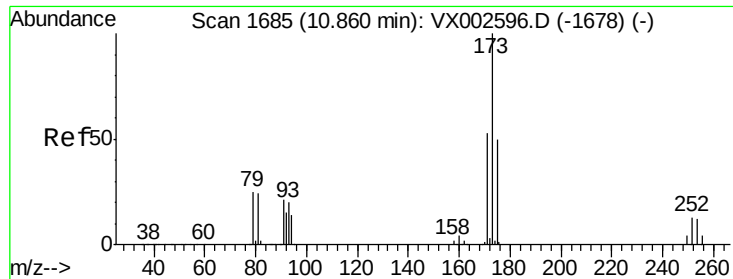


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





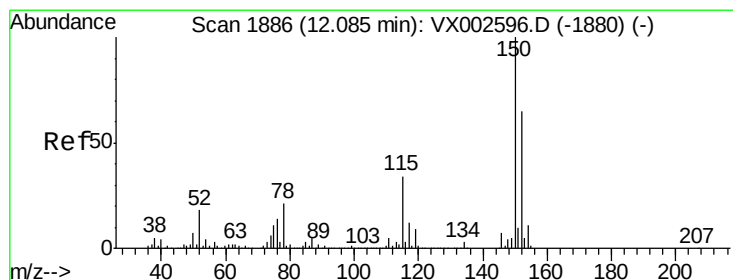
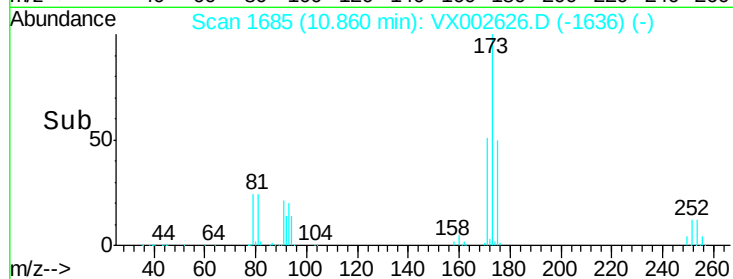
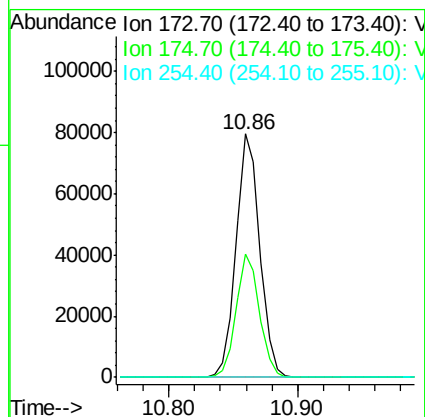
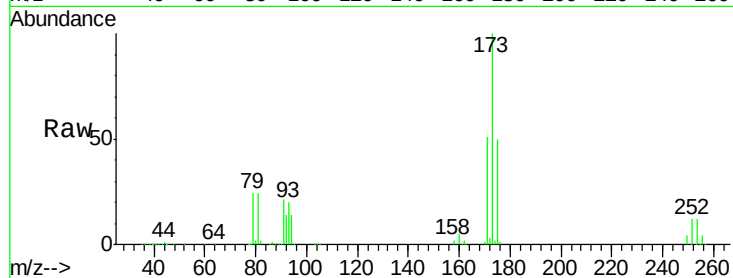
#71
Bromoform
Concen: 44.14 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002626.D
Acq: 16 Jun 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.7	74.1
254	0.2	0.2	0.2

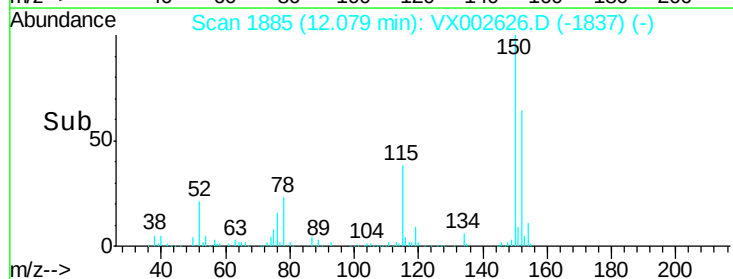
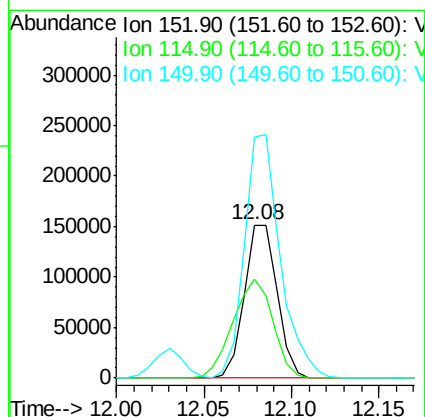
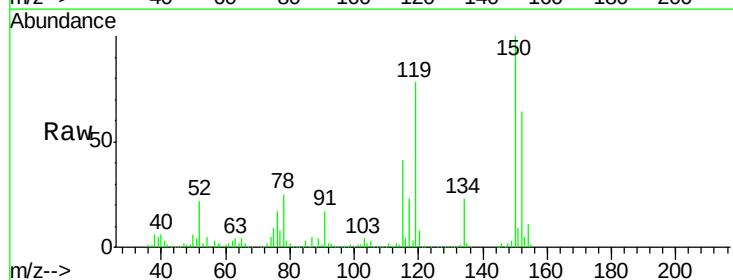
Manual Integrations
APPROVED

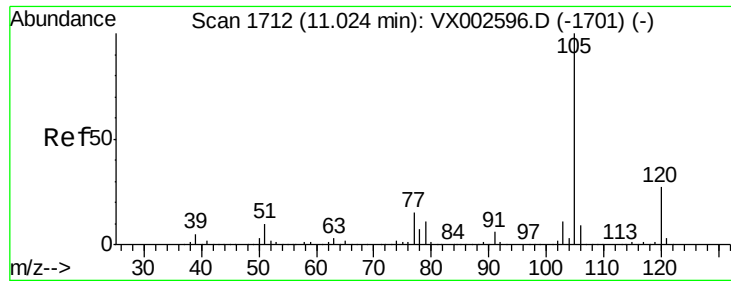
MMDadoda
6/18/2018 5:12:05 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. -0.01 min
Lab File: VX002626.D
Acq: 16 Jun 2018 05:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.1	40.1	120.2
150	173.5	0.0	347.2





#73

Isopropylbenzene

Concen: 50.44 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002626.D

Acq: 16 Jun 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 666904

Ion Ratio Lower Upper

105 100

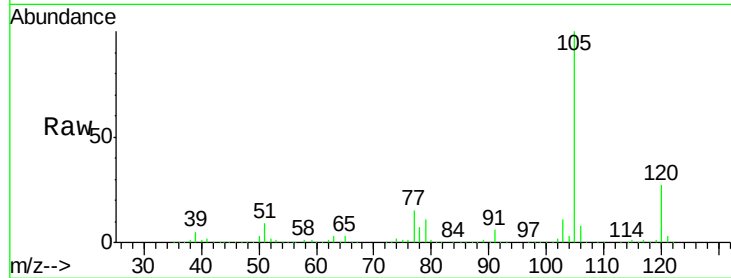
120 26.8 13.5 40.4

Manual Integrations

APPROVED

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6/18/2018 5:12:05 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

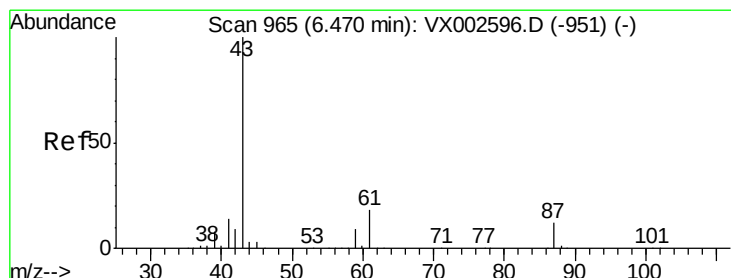
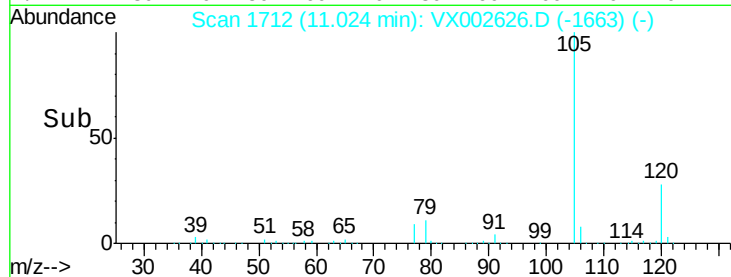
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 45.75 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002626.D

Acq: 16 Jun 2018 05:00

Tgt Ion: 43 Resp: 300564

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.0 14.4 21.6

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

150000

100000

50000

0

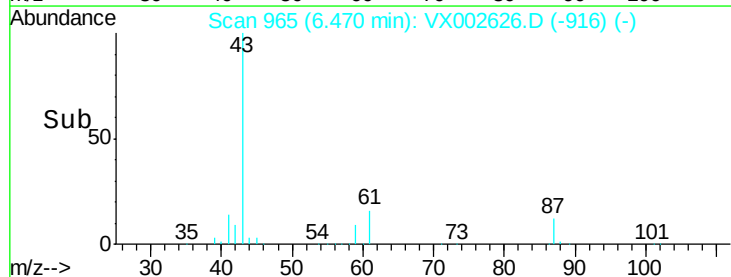
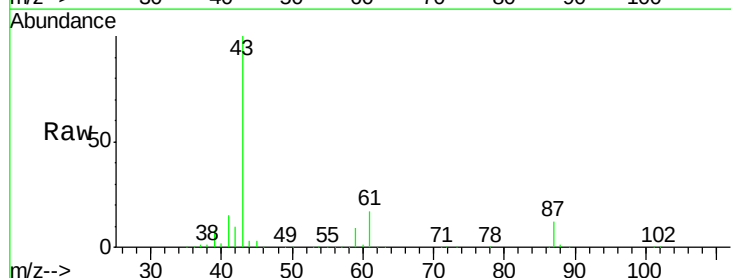
6.47

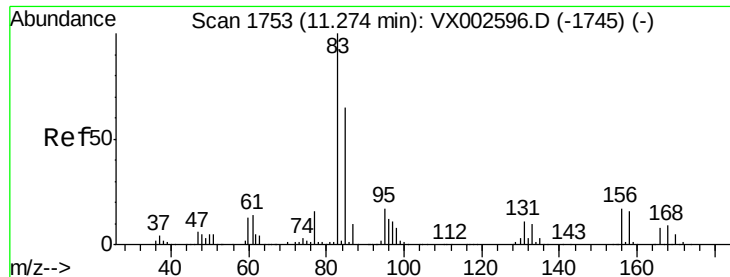
6.40

6.50

6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.41 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002626.D

Acq: 16 Jun 2018 05:00

Instrument :

MSVOA_X

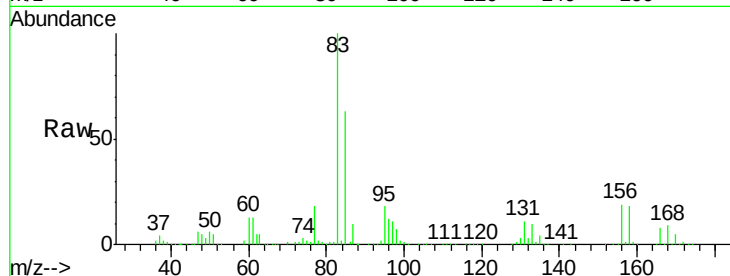
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	192931
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.6	16.8
85	63.8	32.4	97.2

Manual Integrations
APPROVED

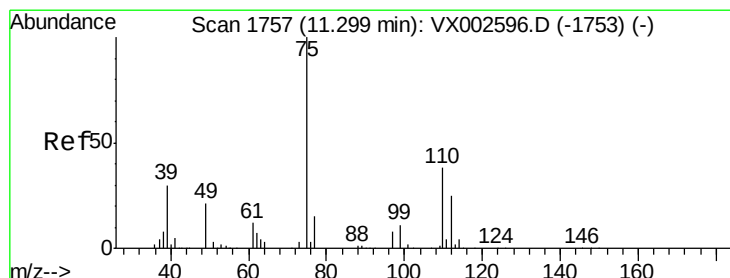
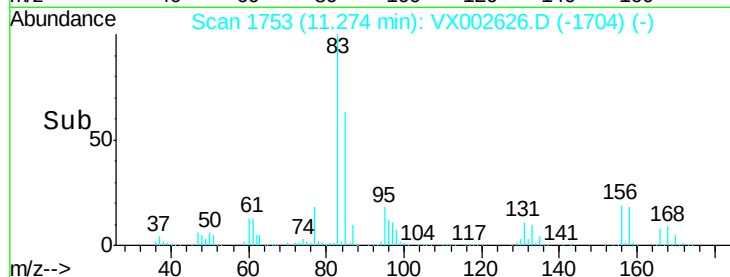
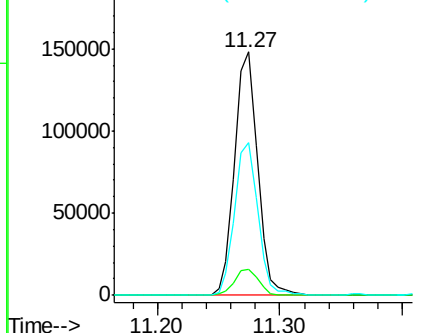
MMDadoda
6/18/2018 5:12:05 PM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 50.36 ug/l m

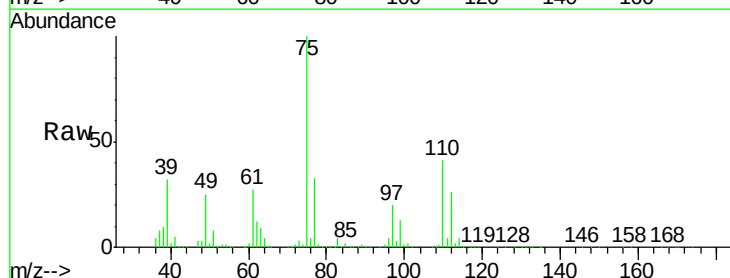
RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002626.D

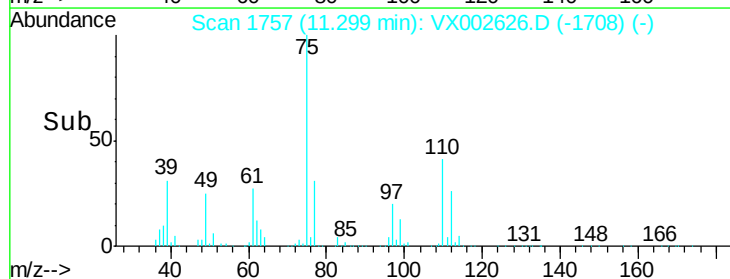
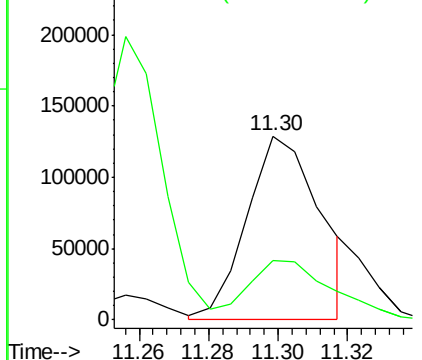
Acq: 16 Jun 2018 05:00

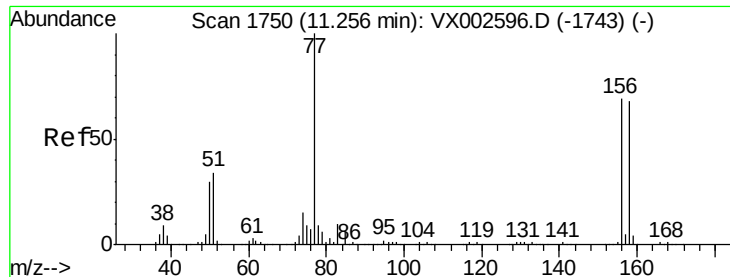
Tgt Ion:	75	Resp:	187883
Ion Ratio	Lower	Upper	
75	100		
77	37.4	22.8	68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.45 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VX002626.D

Acq: 16 Jun 2018 05:00

Instrument :

MSVOA_X

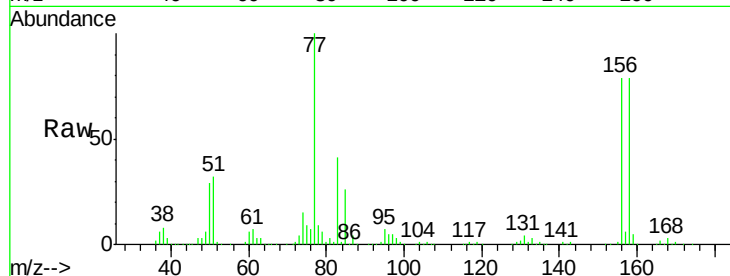
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	182165
Ion Ratio	Lower	Upper	
156	100		
77	137.6	71.4	214.2
158	97.7	48.9	146.6

Manual Integrations
APPROVED

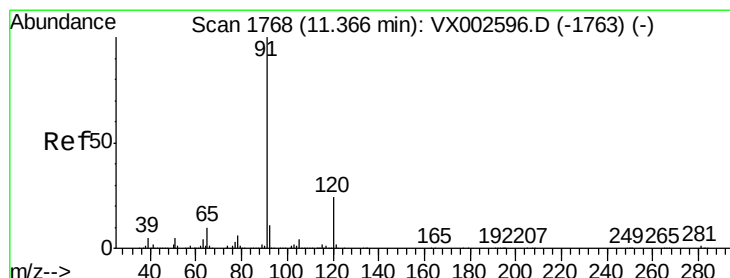
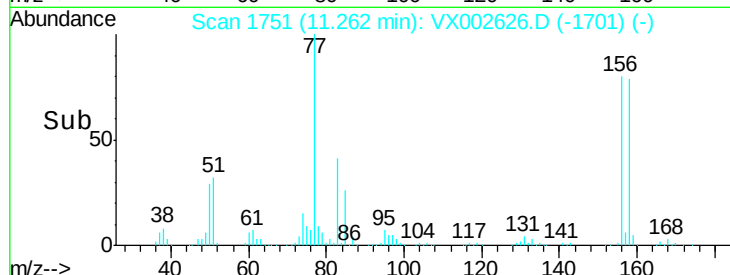
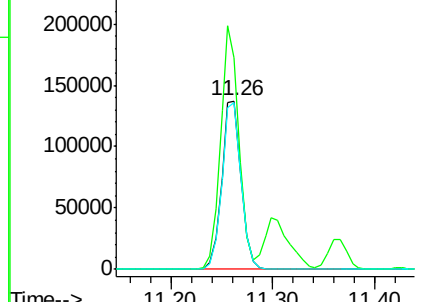
MMDadoda
6/18/2018 5:12:05 PM



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: 50.16 ug/l

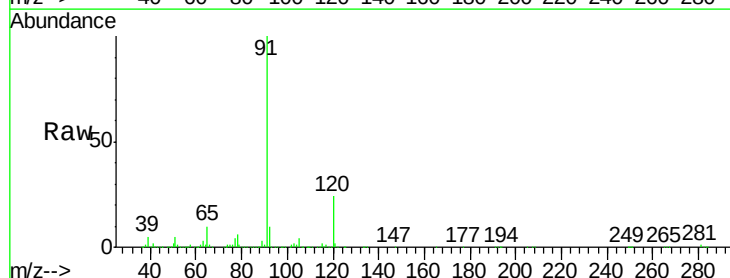
RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002626.D

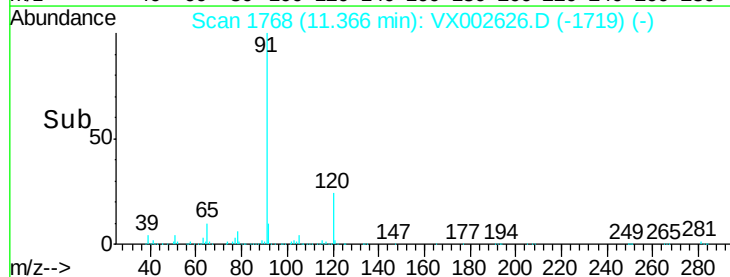
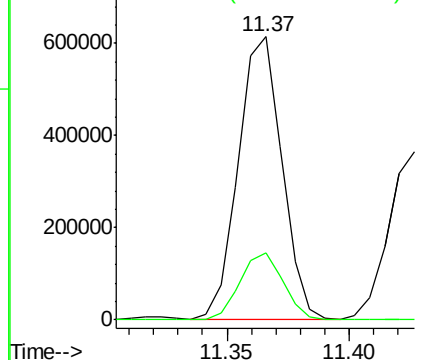
Acq: 16 Jun 2018 05:00

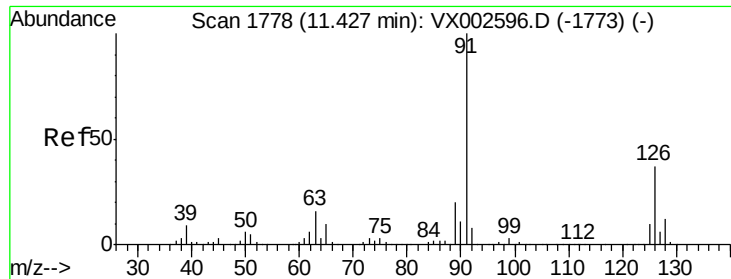
Tgt Ion:	91	Resp:	760609
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.8	35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.06 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002626.D

Acq: 16 Jun 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 444143

Ion Ratio Lower Upper

91 100

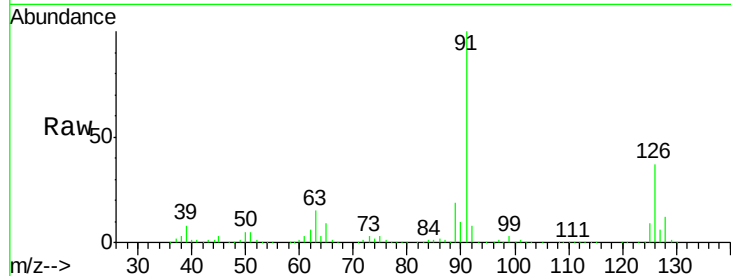
126 36.0 17.7 53.1

Manual Integrations

APPROVED

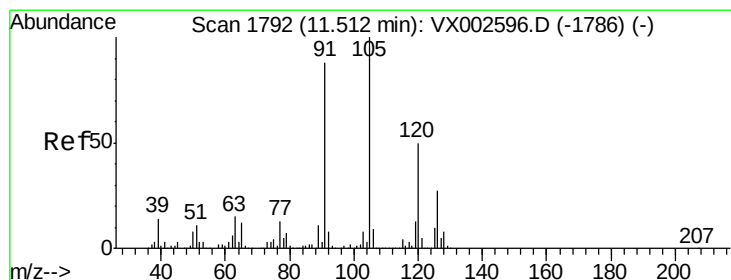
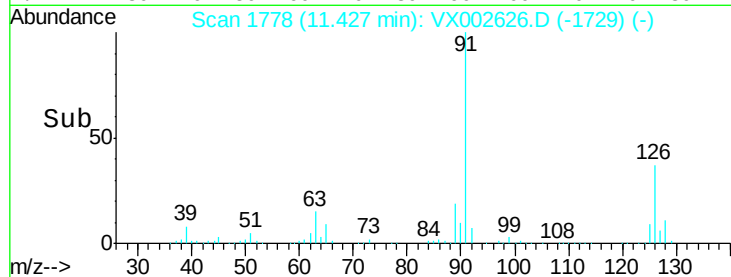
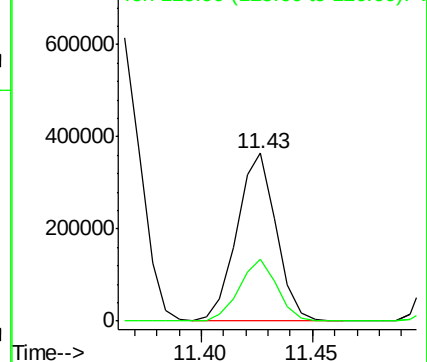
MMDadoda

6/18/2018 5:12:05 PM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.08 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002626.D

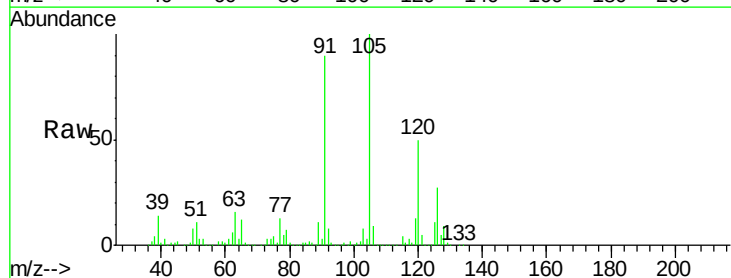
Acq: 16 Jun 2018 05:00

Tgt Ion: 105 Resp: 559637

Ion Ratio Lower Upper

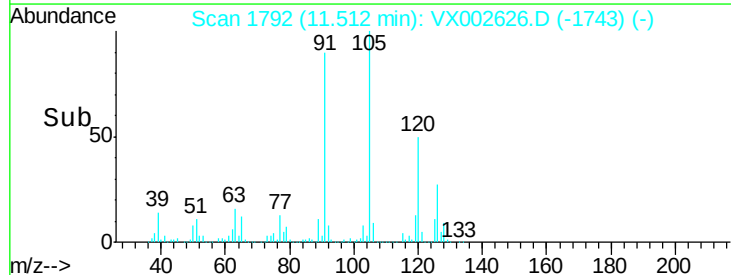
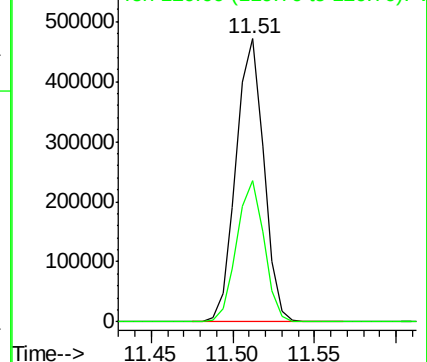
105 100

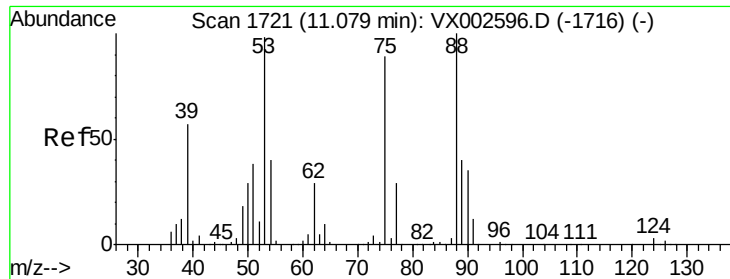
120 49.3 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





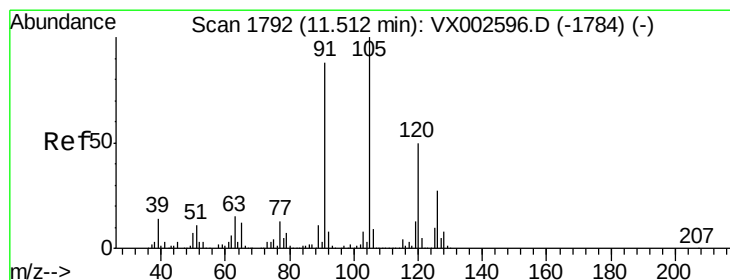
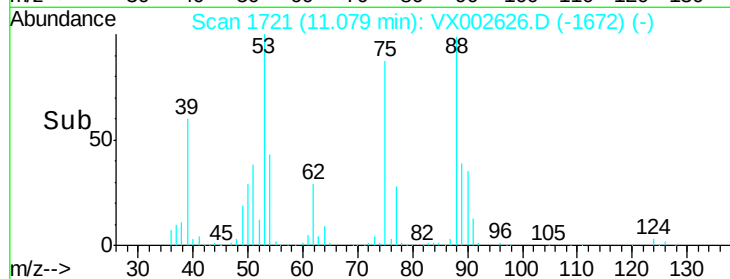
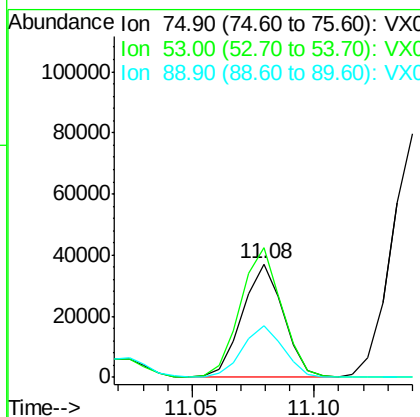
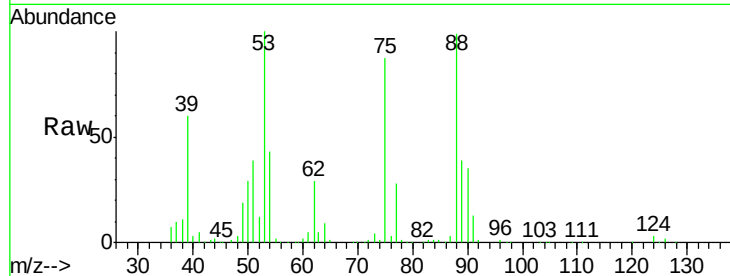
#81
trans-1,4-Dichloro-2-butene
Concen: 38.55 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX002626.D
Acq: 16 Jun 2018 05:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	114.2	86.8	130.2
89	45.4	38.2	57.2

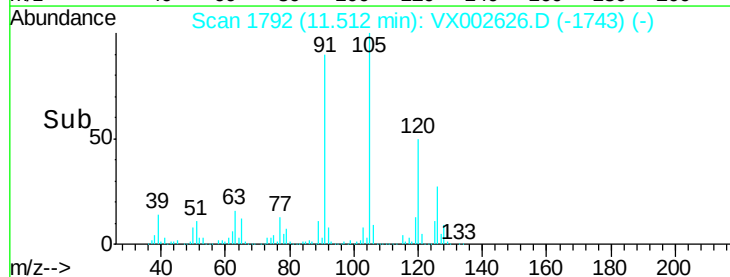
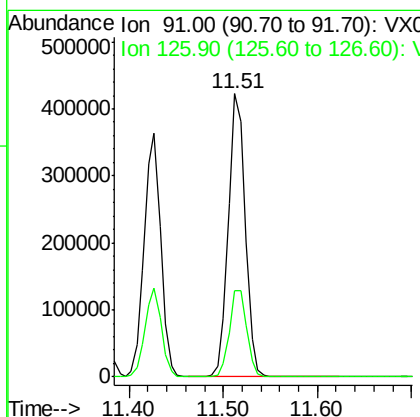
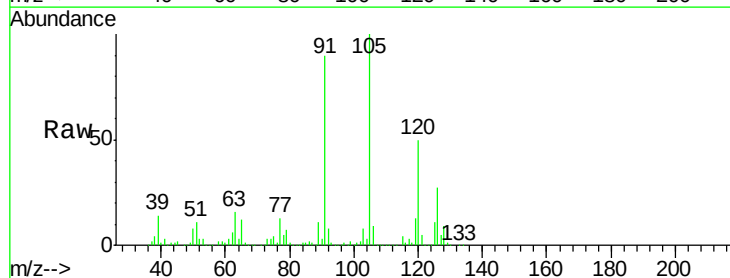
Manual Integrations
APPROVED

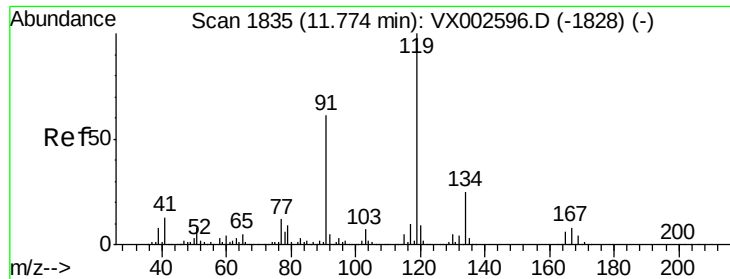
MMDadoda
6/18/2018 5:12:05 PM



#82
4-Chlorotoluene
Concen: 49.35 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX002626.D
Acq: 16 Jun 2018 05:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.4	46.4





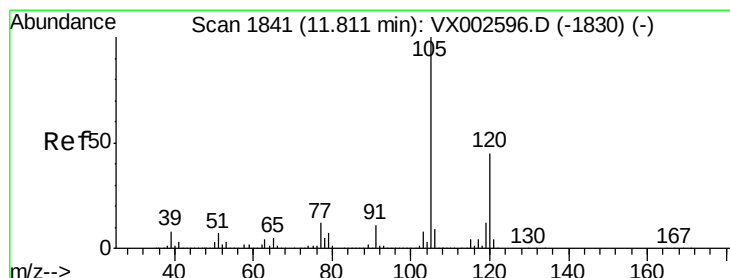
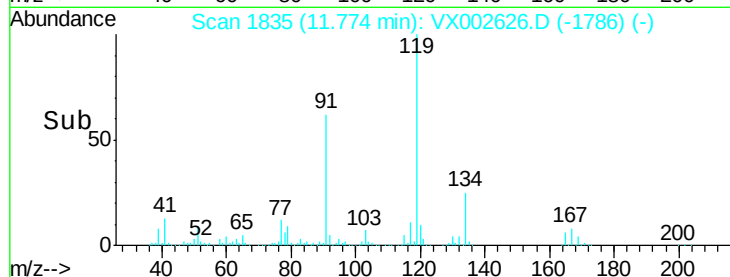
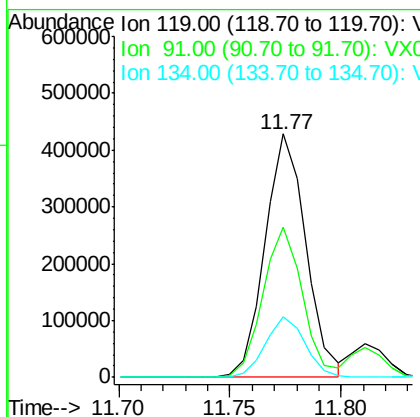
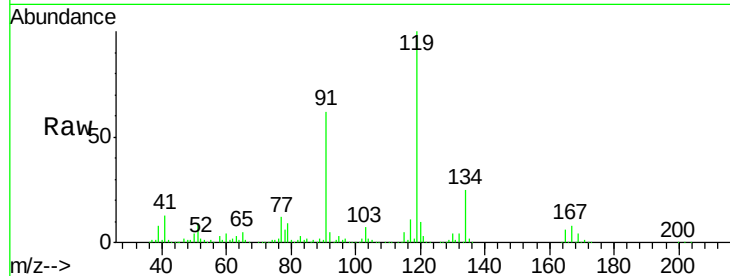
#83
 tert-Butylbenzene
 Concen: 50.82 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002626.D
 Acq: 16 Jun 2018 05:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	547076		
91	60.1		30.3	90.9
134	24.1		11.7	35.1

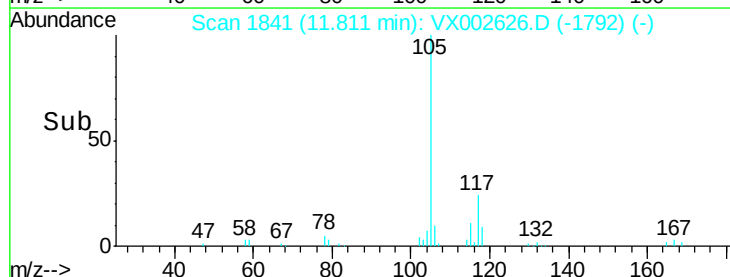
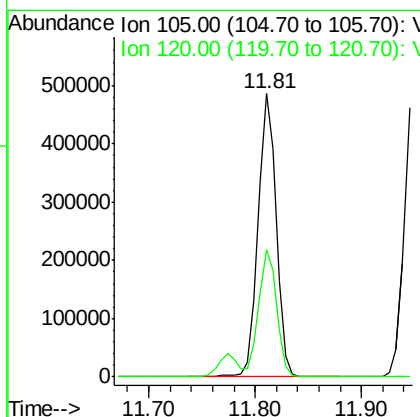
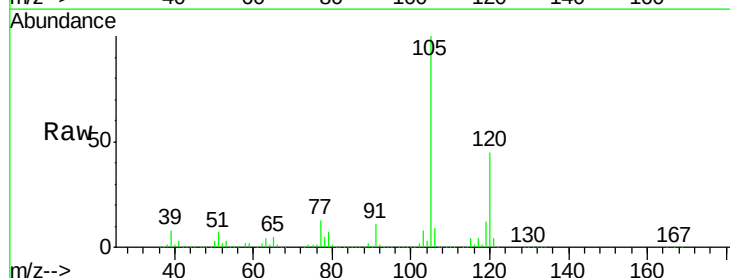
Manual Integrations
 APPROVED

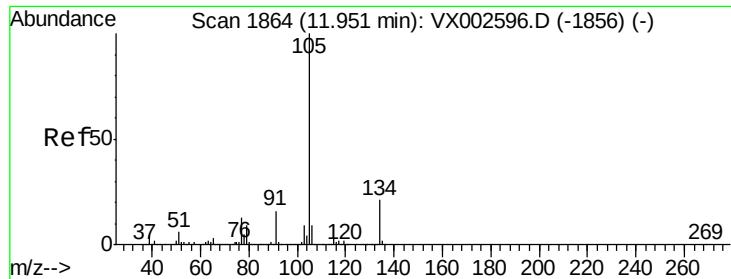
MMDadoda
 6/18/2018 5:12:05 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 51.13 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002626.D
 Acq: 16 Jun 2018 05:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	582976		
120	45.2		22.3	66.8





#85

sec-Butylbenzene

Concen: 50.68 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002626.D

Acq: 16 Jun 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 678295

Ion Ratio Lower Upper

105 100

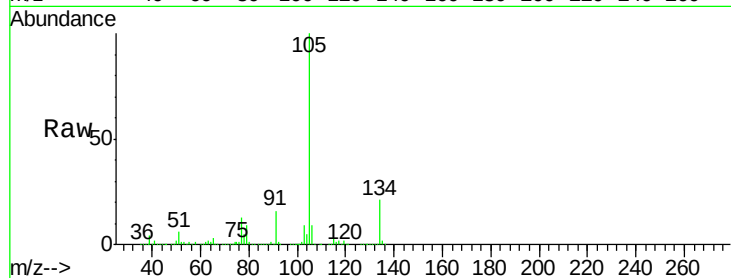
134 21.1 10.4 31.1

Manual Integrations

APPROVED

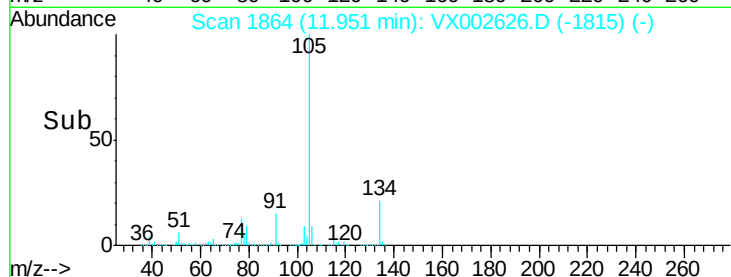
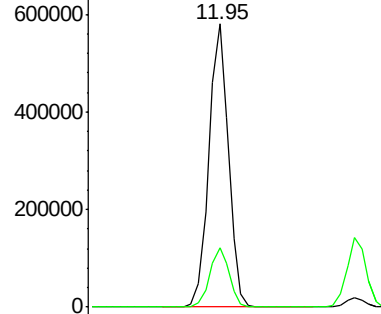
MMDadoda

6/18/2018 5:12:05 PM

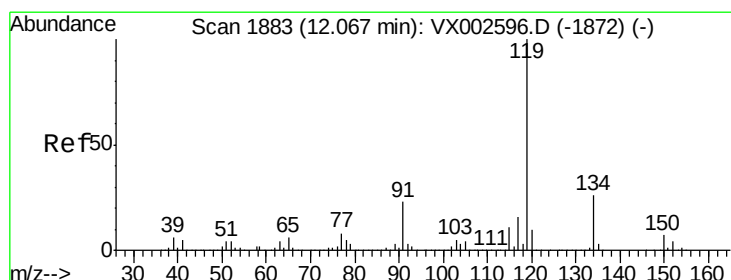


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 51.02 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002626.D

Acq: 16 Jun 2018 05:00

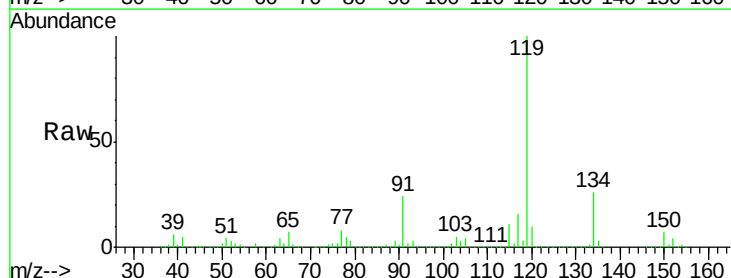
Tgt Ion:119 Resp: 617877

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

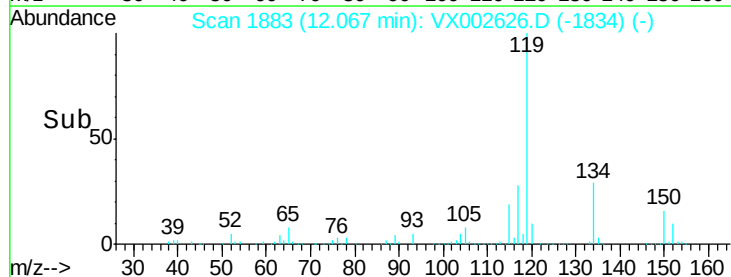
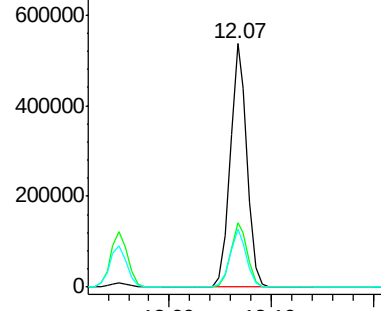
91 23.4 11.9 35.7



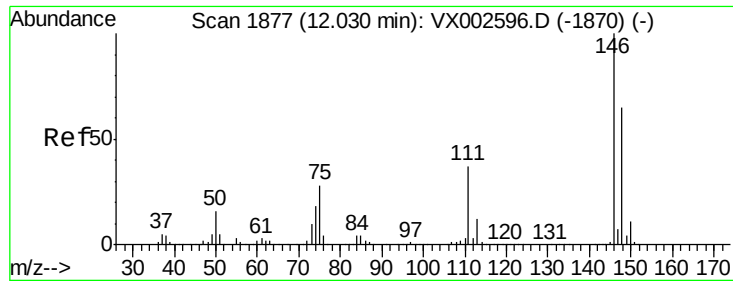
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



Time-->



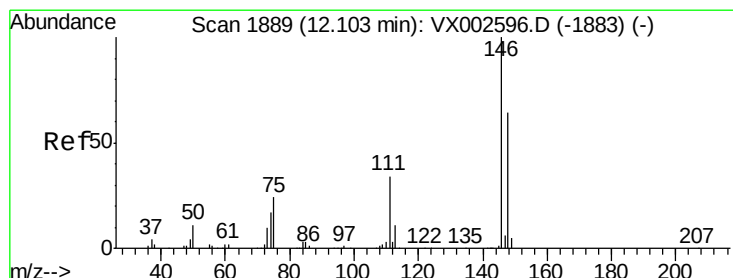
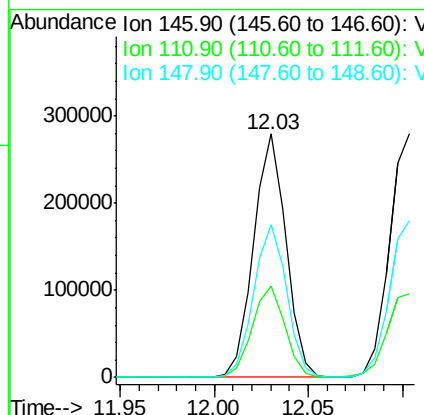
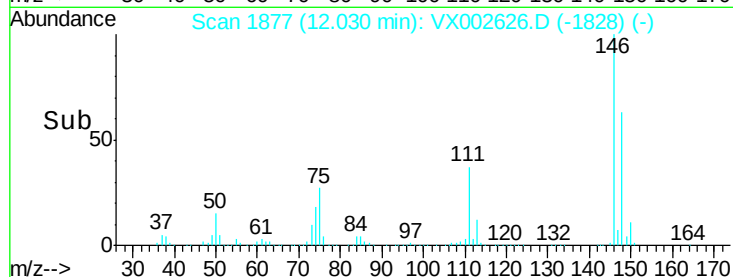
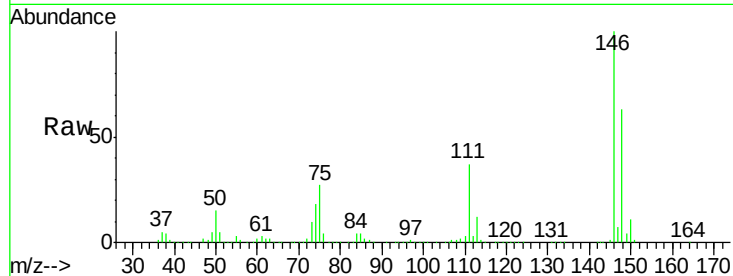
#87
 1,3-Dichlorobenzene
 Concen: 49.36 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002626.D
 Acq: 16 Jun 2018 05:00

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.7
148	64.0	32.1	96.3

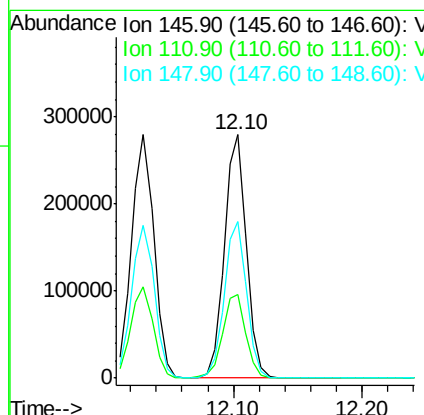
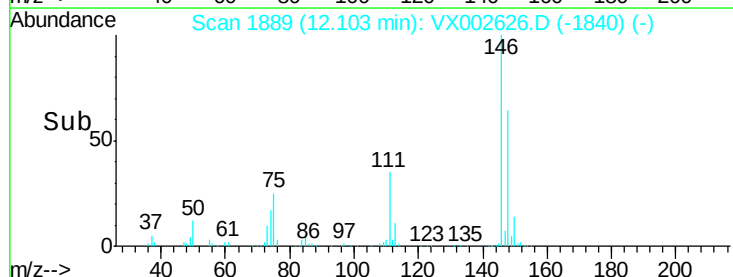
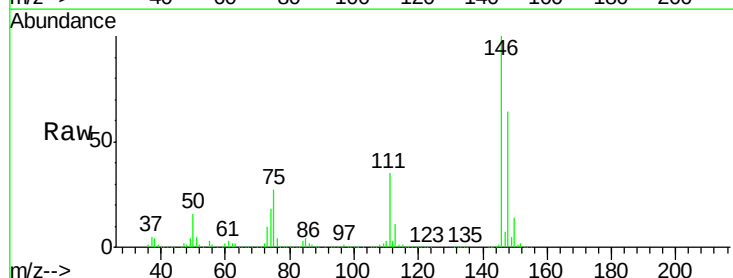
Manual Integrations
 APPROVED

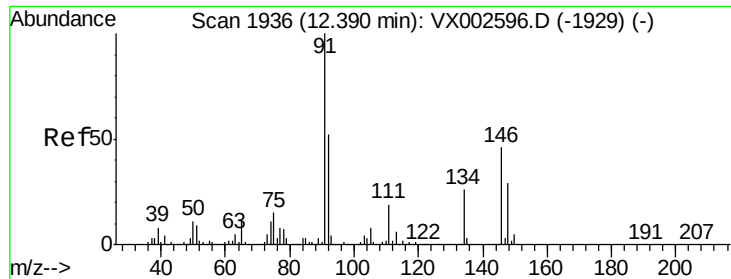
MMDadoda
 6/18/2018 5:12:05 PM



#88
 1,4-Dichlorobenzene
 Concen: 48.96 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002626.D
 Acq: 16 Jun 2018 05:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.7	56.1
148	65.1	32.4	97.0





#89

n-Butylbenzene

Concen: 50.09 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002626.D

Acq: 16 Jun 2018 05:00

Instrument :

MSVOA_X

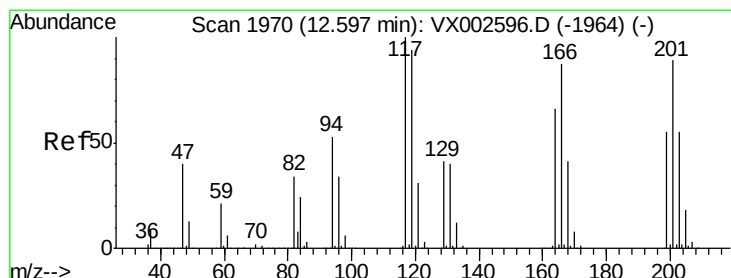
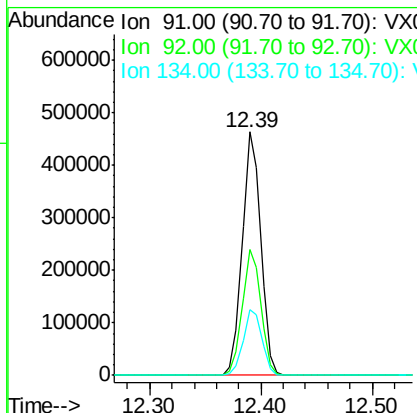
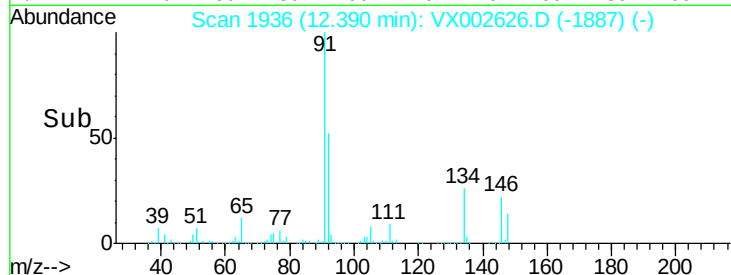
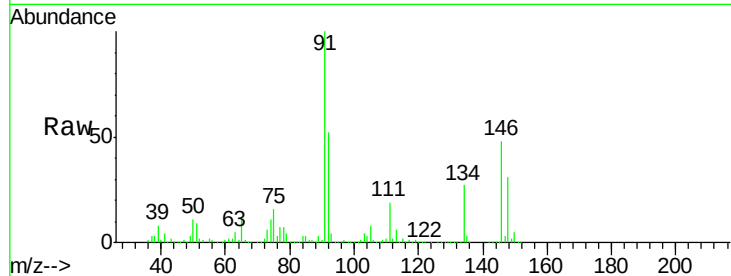
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	535115
Ion Ratio	Lower	Upper	
91	100		
92	51.9	26.0	78.0
134	27.3	13.5	40.5

Manual Integrations
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6/18/2018 5:12:05 PM



#90

Hexachloroethane

Concen: 46.84 ug/l

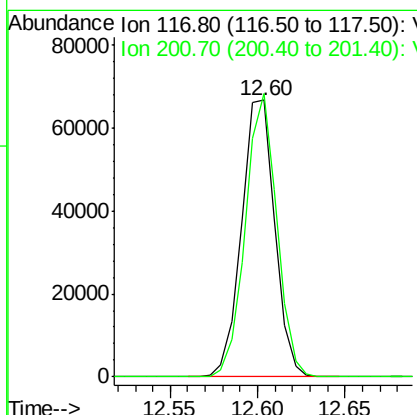
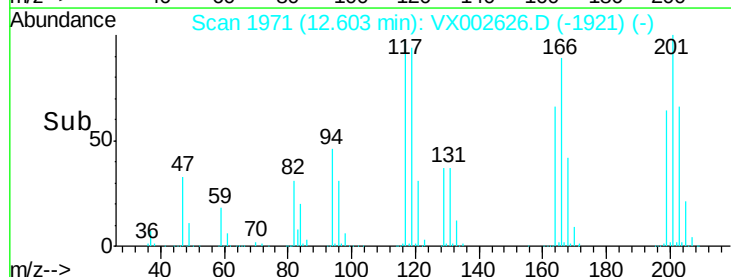
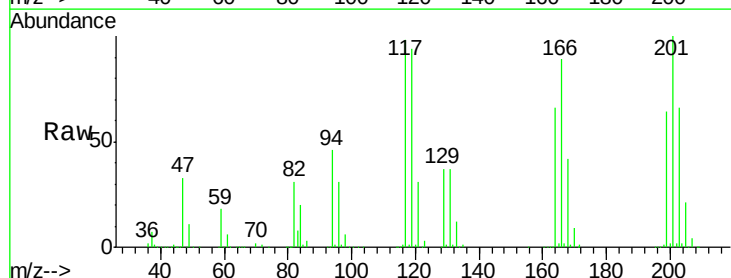
RT: 12.60 min Scan# 1971

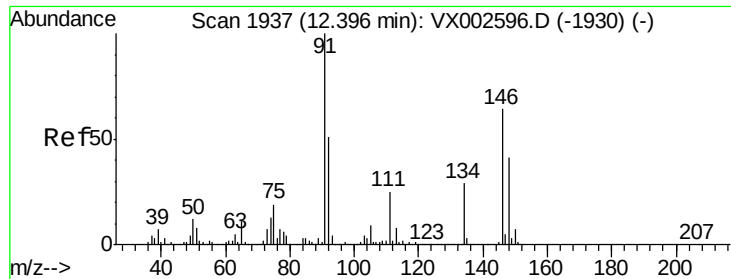
Delta R.T. 0.01 min

Lab File: VX002626.D

Acq: 16 Jun 2018 05:00

Tgt Ion:	117	Resp:	88104
Ion Ratio	Lower	Upper	
117	100		
201	96.2	49.0	147.0





#91

1,2-Dichlorobenzene

Concen: 49.86 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX002626.D

Acq: 16 Jun 2018 05:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:146 Resp: 339019

Ion Ratio Lower Upper

146 100

111 38.2 19.4 58.1

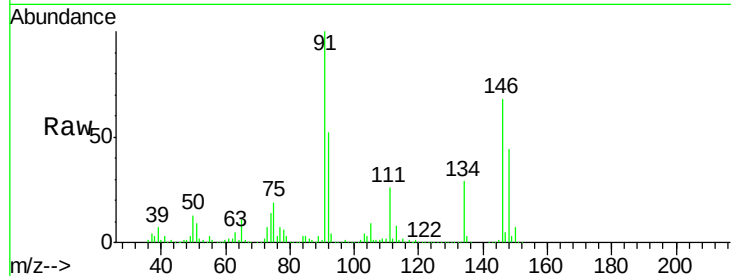
148 63.8 31.7 95.1

Manual Integrations

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MMDadoda

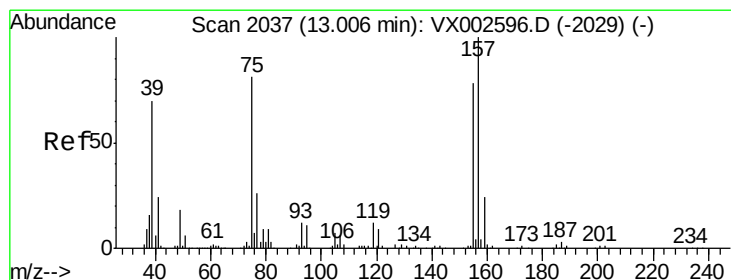
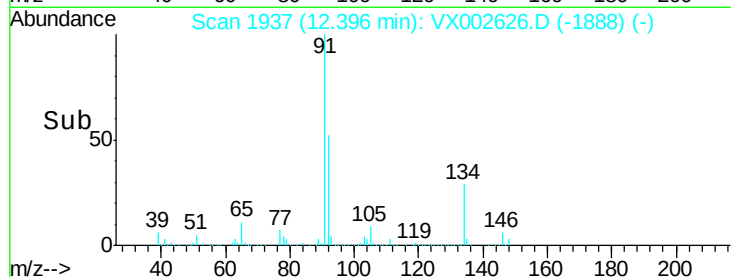
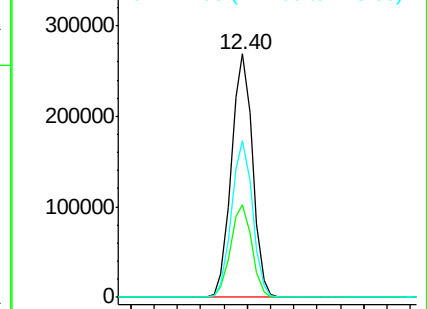
6/18/2018 5:12:05 PM



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.63 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX002626.D

Acq: 16 Jun 2018 05:00

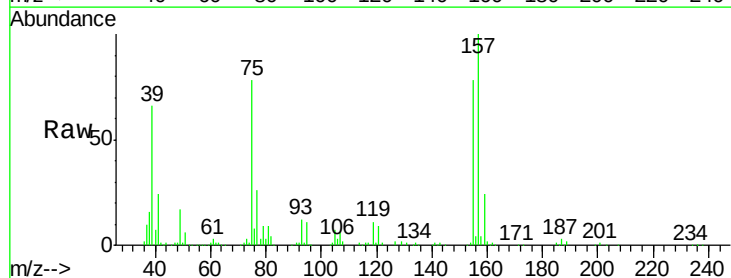
Tgt Ion: 75 Resp: 42229

Ion Ratio Lower Upper

75 100

155 95.2 45.8 137.4

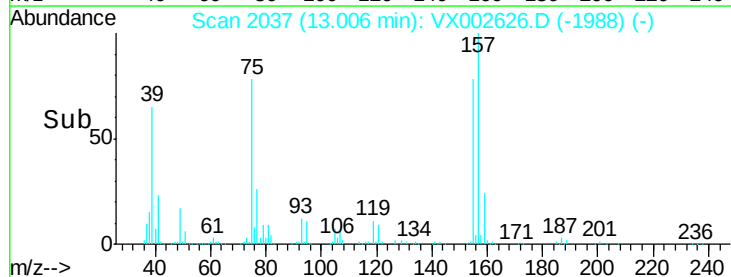
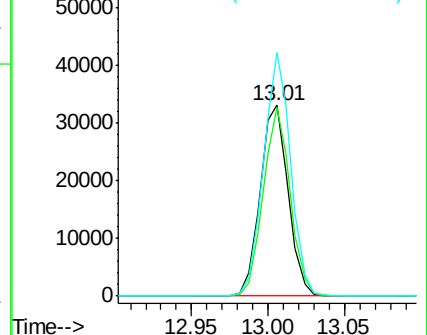
157 123.7 60.1 180.3

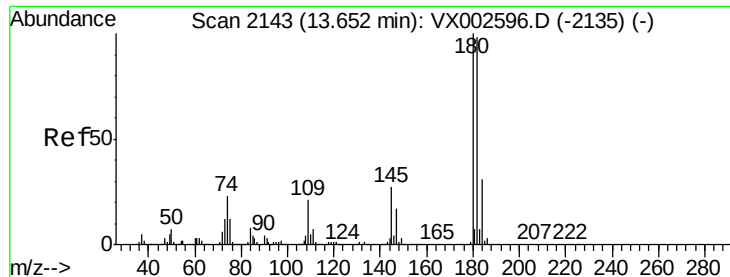


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





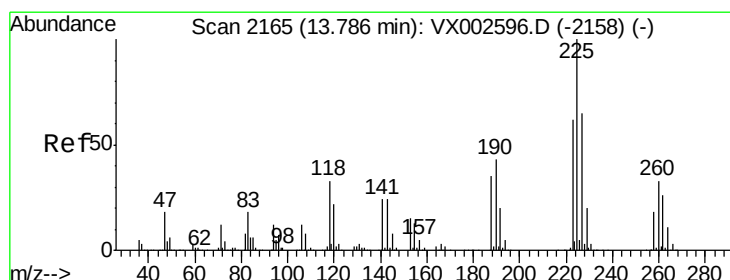
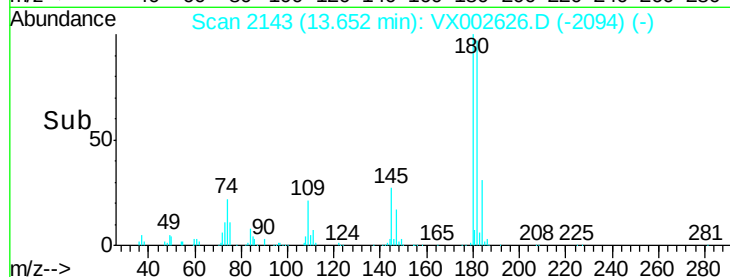
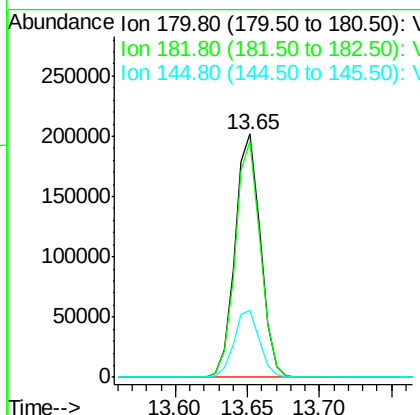
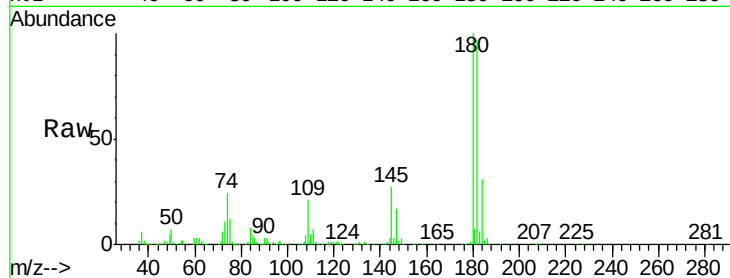
#93
 1,2,4-Trichlorobenzene
 Concen: 50.47 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002626.D
 Acq: 16 Jun 2018 05:00

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	249052		
182	95.5	47.7	143.1	
145	27.6	14.1	42.4	

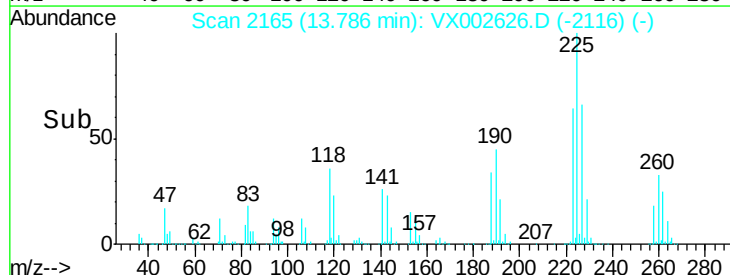
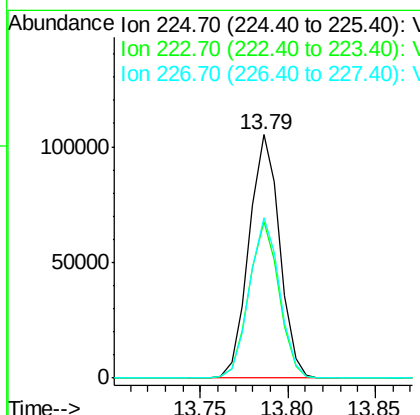
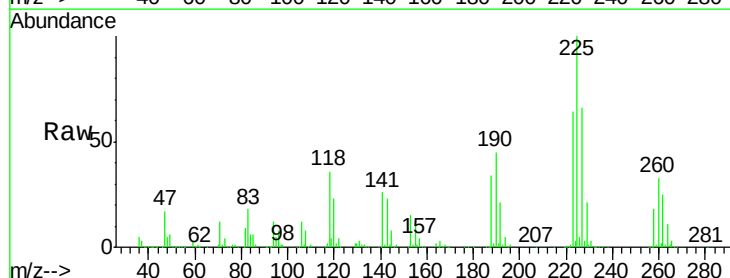
Manual Integrations
 APPROVED

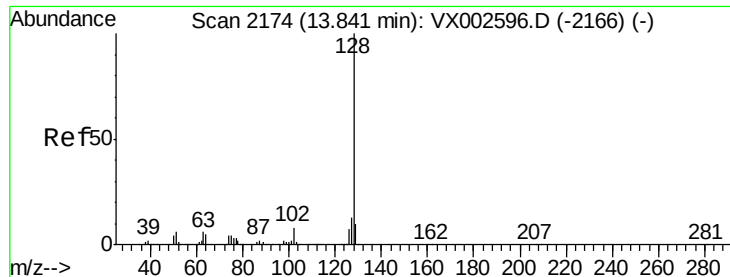
MMDadoda
 6/18/2018 5:12:05 PM



#94
 Hexachlorobutadiene
 Concen: 49.11 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002626.D
 Acq: 16 Jun 2018 05:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	127659		
223	63.2	31.6	95.0	
227	64.8	32.4	97.2	





#95

Naphthalene

Concen: 51.93 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002626.D

Acq: 16 Jun 2018 05:00

Instrument :

MSVOA_X

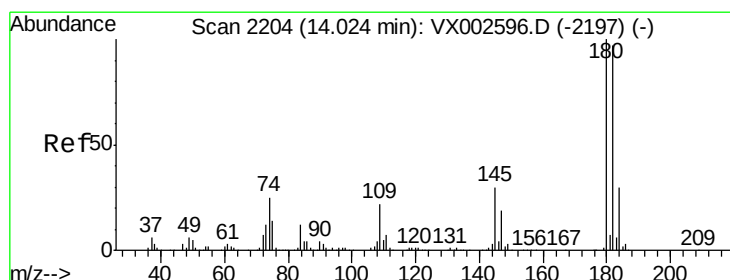
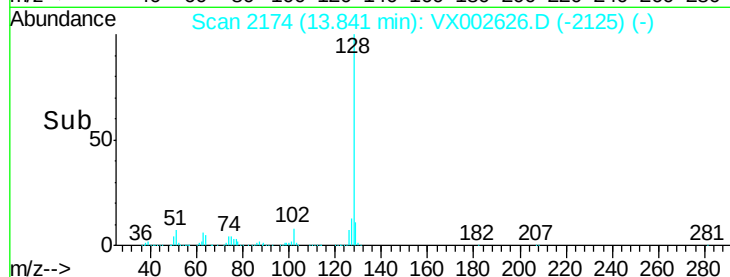
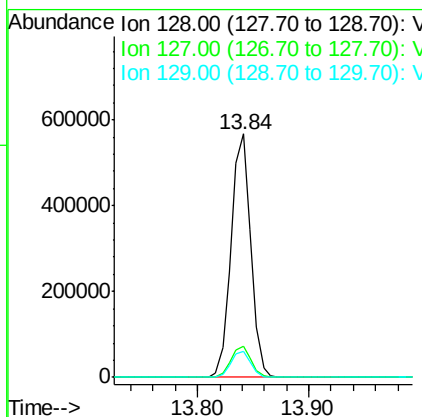
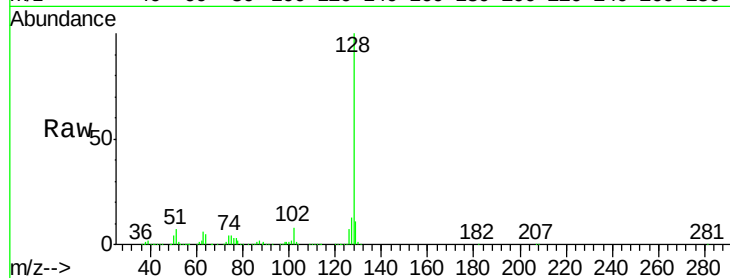
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	689550
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/18/2018 5:12:05 PM



#96

1,2,3-Trichlorobenzene

Concen: 50.69 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002626.D

Acq: 16 Jun 2018 05:00

Tgt Ion:	180	Resp:	251204
Ion Ratio	Lower	Upper	
180	100		
182	96.5	48.0	144.0
145	29.8	14.8	44.3

