

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072618\
 Data File : VX003687.D
 Acq On : 26 Jul 2018 23:19
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/27/2018 5:40:41 PM

Quant Time: Jul 27 06:48:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 02:16:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	101823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	150086	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	145430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	89802	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	75737	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
35) Dibromofluoromethane	5.51	113	63168	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
50) Toluene-d8	8.72	98	239285	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
62) 4-Bromofluorobenzene	11.14	95	88420	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	52445	45.22	ug/l	99
3) Chloromethane	1.32	50	73762	48.29	ug/l	99
4) Vinyl Chloride	1.40	62	78836	50.46	ug/l	98
5) Bromomethane	1.64	94	43803	58.06	ug/l	96
6) Chloroethane	1.72	64	51972	49.53	ug/l	98
7) Trichlorofluoromethane	1.92	101	103748	51.59	ug/l	96
8) Diethyl Ether	2.19	74	44312	50.28	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	62572	50.55	ug/l	98
10) Methyl Iodide	2.51	142	84041	50.35	ug/l	99
11) Tert butyl alcohol	3.09	59	90206	250.20	ug/l	100
12) 1,1-Dichloroethene	2.37	96	58959	50.06	ug/l	93
13) Acrolein	2.30	56	39422	216.78	ug/l	98
14) Allyl chloride	2.73	41	121484	49.48	ug/l	97
15) Acrylonitrile	3.15	53	221896	254.72	ug/l	100
16) Acetone	2.45	43	181792	256.55	ug/l	99
17) Carbon Disulfide	2.57	76	167178	49.35	ug/l	99
18) Methyl Acetate	2.78	43	114701	53.60	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	216339	52.01	ug/l	97
20) Methylene Chloride	2.86	84	70167	49.97	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	64644	51.04	ug/l	98
22) Diisopropyl ether	3.88	45	213516	47.63	ug/l	# 91
23) Vinyl Acetate	3.83	43	948732	247.07	ug/l	99
24) 1,1-Dichloroethane	3.70	63	128084	50.70	ug/l	99
25) 2-Butanone	4.71	43	270783	247.37	ug/l	100
26) 2,2-Dichloropropane	4.59	77	64748	40.53	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	66922	48.67	ug/l	97
28) Bromochloromethane	5.02	49	49375	48.70	ug/l	99
29) Tetrahydrofuran	5.17	42	181082	254.12	ug/l	100
30) Chloroform	5.21	83	119066	51.96	ug/l	90
31) Cyclohexane	5.57	56	101870	50.23	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	98422	51.72	ug/l	97
36) 1,1-Dichloropropene	5.80	75	86738	49.44	ug/l	99
37) Ethyl Acetate	4.87	43	101992	48.35	ug/l	99
38) Carbon Tetrachloride	5.78	117	86328	51.05	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	97607	50.55	ug/l	100
40) Benzene	6.15	78	263579	50.77	ug/l	100
41) Methacrylonitrile	5.07	41	57033	48.82	ug/l	98
42) 1,2-Dichloroethane	6.20	62	93005	50.90	ug/l	100
43) Isopropyl Acetate	6.47	43	157279	51.11	ug/l	100
44) Trichloroethene	7.21	130	67337	48.38	ug/l	96
45) 1,2-Dichloropropane	7.52	63	69831	52.04	ug/l	99
46) Dibromomethane	7.67	93	44983	52.18	ug/l	98
47) Bromodichloromethane	7.90	83	85385	52.83	ug/l	100
48) Methyl methacrylate	7.78	41	82789	53.01	ug/l	98
49) 1,4-Dioxane	7.76	88	35269	1012.31	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	541154	260.62	ug/l	99
52) Toluene	8.79	92	164928	51.11	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	92449	51.66	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	100477	51.02	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	68110	51.63	ug/l	99
56) Ethyl methacrylate	9.18	69	104828	53.40	ug/l	99
57) 1,3-Dichloropropane	9.38	76	113826	51.39	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	267463	271.14	ug/l	100
59) 2-Hexanone	9.50	43	417328	262.01	ug/l	100
60) Dibromochloromethane	9.59	129	67658	54.08	ug/l	100
61) 1,2-Dibromoethane	9.68	107	70462	51.30	ug/l	99
64) Tetrachloroethene	9.34	164	63635	47.86	ug/l	97
65) Chlorobenzene	10.14	112	182825	49.95	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	65231	51.27	ug/l	99
67) Ethyl Benzene	10.26	91	315690	51.53	ug/l	100
68) m/p-Xylenes	10.36	106	246847	105.03	ug/l	100
69) o-Xylene	10.70	106	117056	51.73	ug/l	98
70) Styrene	10.71	104	202337	53.24	ug/l	99
71) Bromoform	10.86	173	52786	52.46	ug/l #	99
73) Isopropylbenzene	11.02	105	320080	52.17	ug/l	99
74) N-amyl acetate	6.47	43	157279	49.15	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	111023	49.00	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	95943m	50.94	ug/l	
77) Bromobenzene	11.26	156	82558	49.54	ug/l	98
78) n-propylbenzene	11.36	91	376742	53.18	ug/l	99
79) 2-Chlorotoluene	11.43	91	220875	51.29	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	275822	53.14	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	30019	49.38	ug/l	97
82) 4-Chlorotoluene	11.51	91	262115	51.68	ug/l	100
83) tert-Butylbenzene	11.77	119	266405	52.45	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	283636	53.16	ug/l	100
85) sec-Butylbenzene	11.95	105	318842	52.59	ug/l	100
86) p-Isopropyltoluene	12.07	119	287588	52.85	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	156028	50.27	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	156542	48.52	ug/l	99
89) n-Butylbenzene	12.39	91	253954	51.78	ug/l	99
90) Hexachloroethane	12.60	117	45648	55.39	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	157866	49.79	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	24788	52.56	ug/l	97

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VSTDCCC050

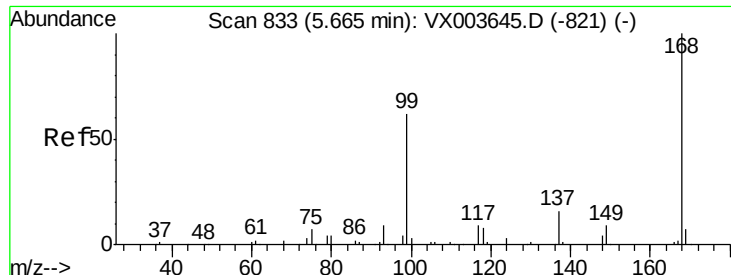
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	112683	49.80	ug/l	100
94) Hexachlorobutadiene	13.79	225	49408	47.20	ug/l	99
95) Naphthalene	13.83	128	359501	52.53	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	116936	50.88	ug/l	99

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



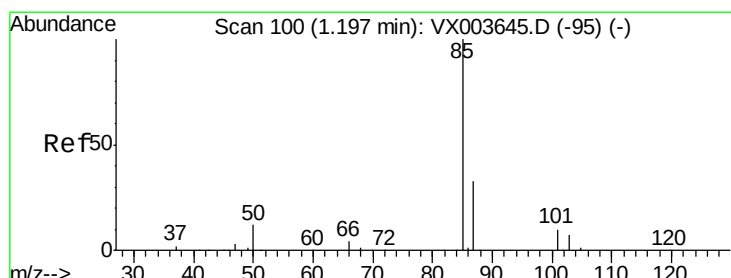
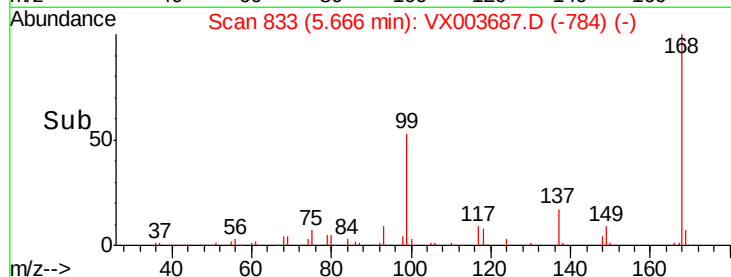
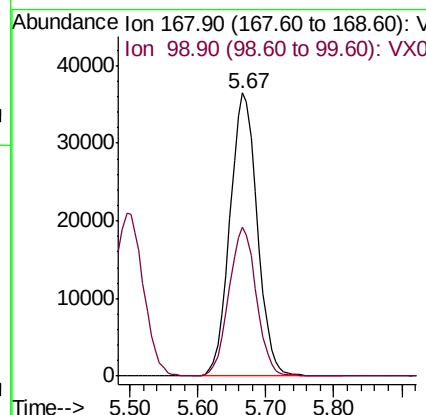
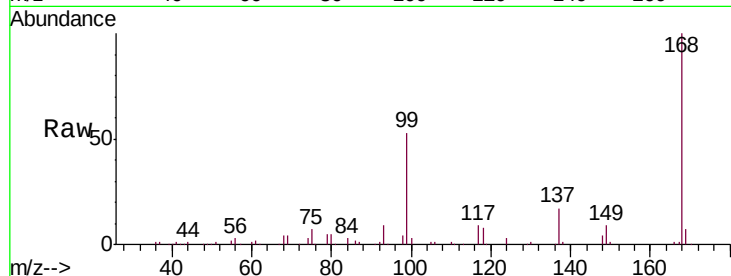
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:168 Resp: 101823
Ion Ratio Lower Upper
168 100
99 52.8 49.5 74.3

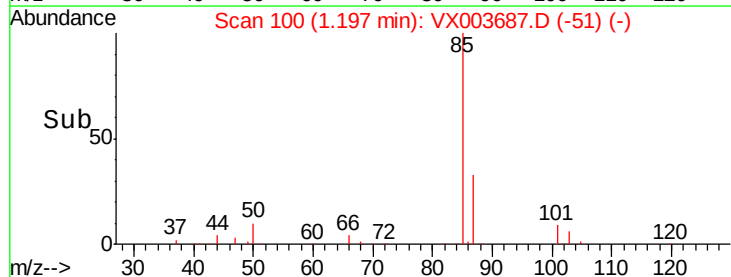
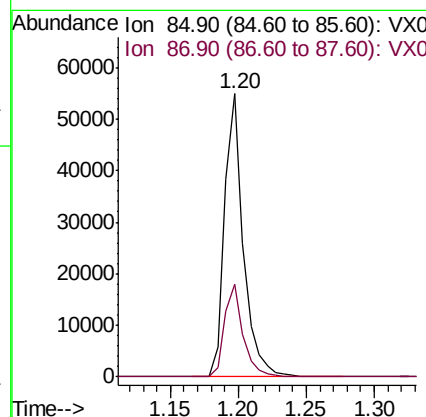
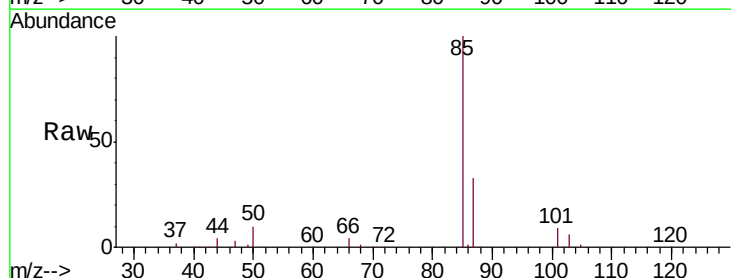
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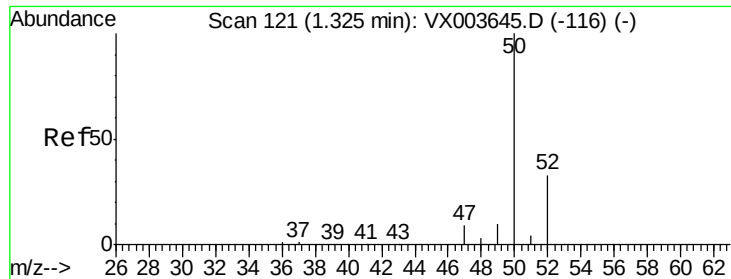
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#2
Dichlorodifluoromethane
Concen: 45.22 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Tgt Ion: 85 Resp: 52445
Ion Ratio Lower Upper
85 100
87 32.6 16.5 49.5





#3

Chloromethane

Concen: 48.29 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 73762

Ion Ratio Lower Upper

50 100

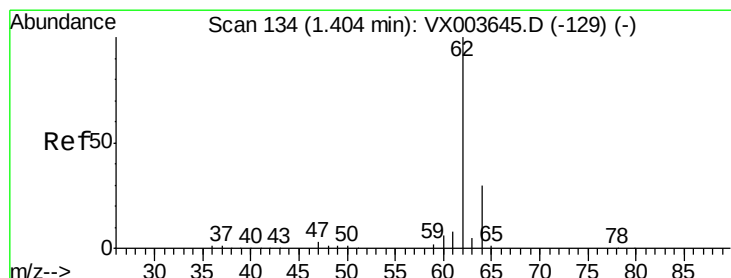
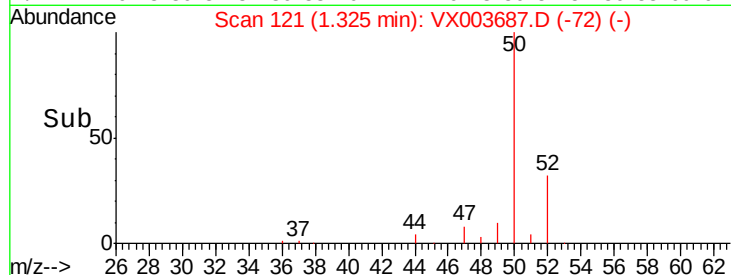
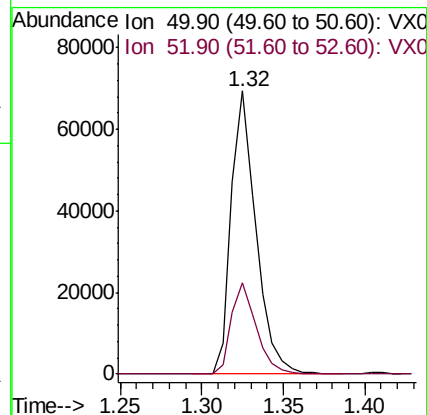
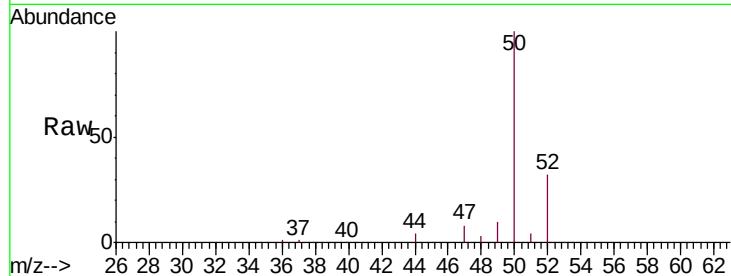
52 32.3 26.3 39.5

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#4

Vinyl Chloride

Concen: 50.46 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003687.D

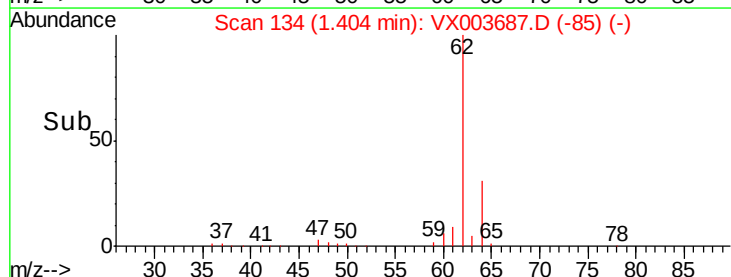
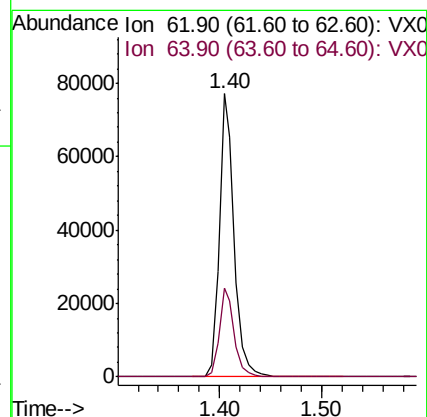
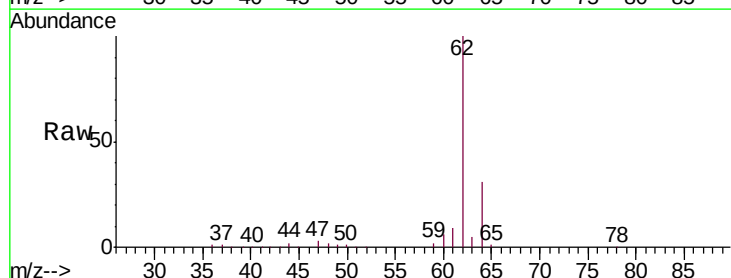
Acq: 26 Jul 2018 23:19

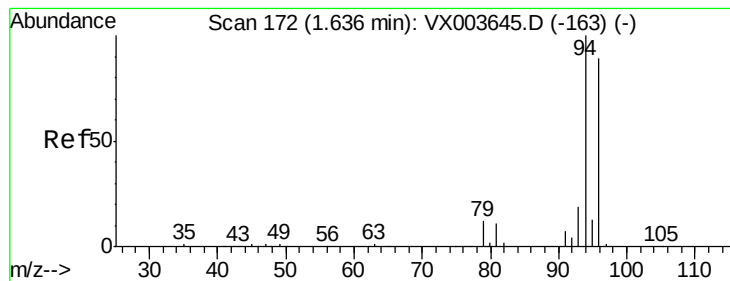
Tgt Ion: 62 Resp: 78836

Ion Ratio Lower Upper

62 100

64 31.4 24.4 36.6





#5

Bromomethane

Concen: 58.06 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 43803

Ion Ratio Lower Upper

94 100

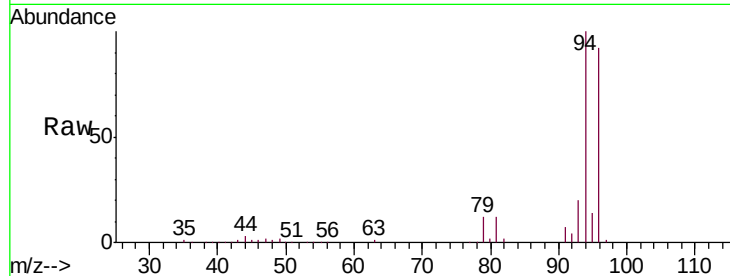
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Manual Integrations

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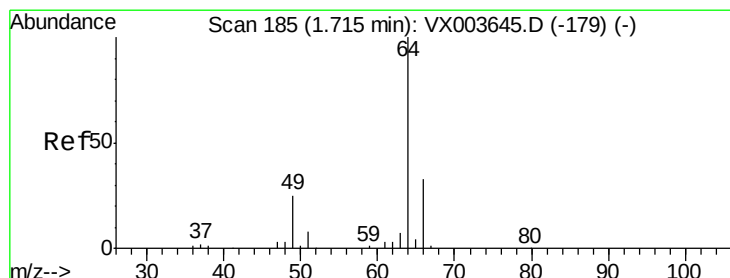
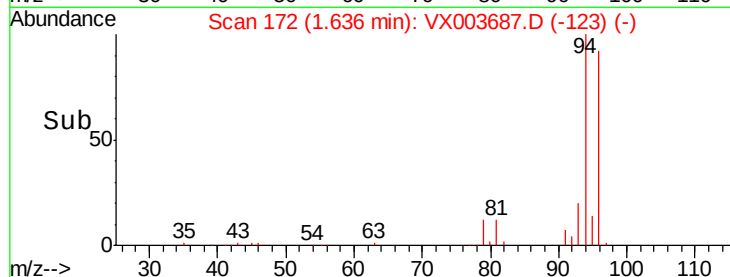
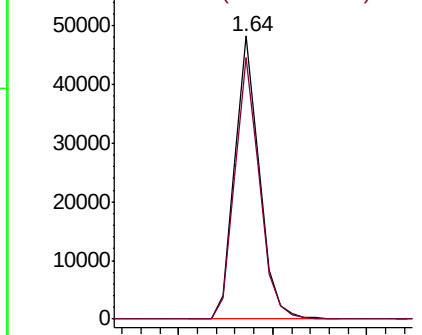
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.53 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003687.D

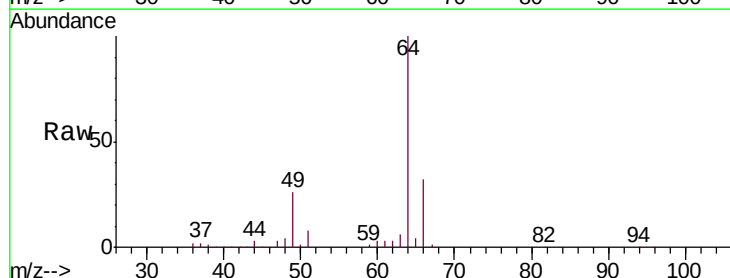
Acq: 26 Jul 2018 23:19

Tgt Ion: 64 Resp: 51972

Ion Ratio Lower Upper

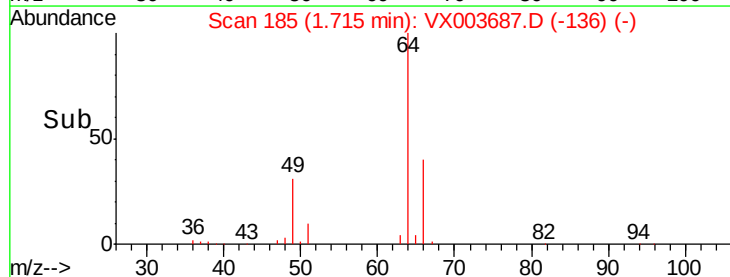
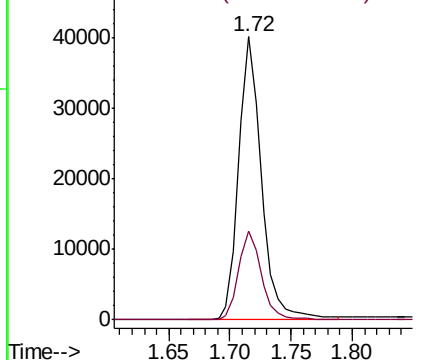
64 100

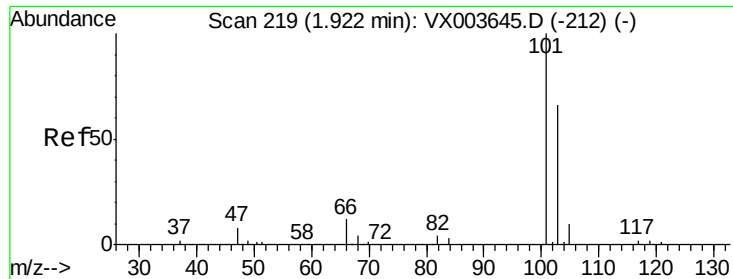
66 31.6 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

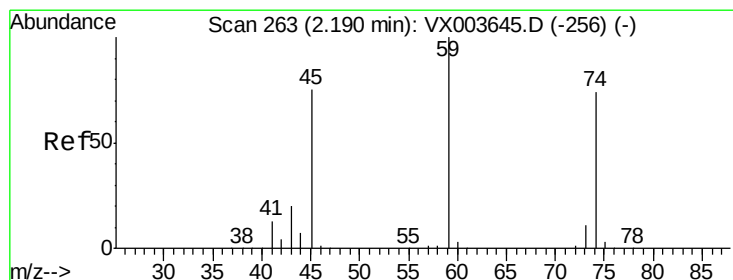
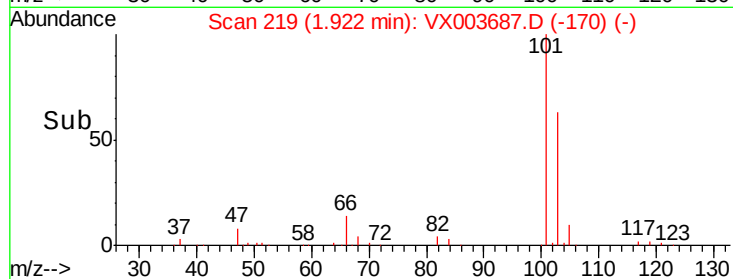
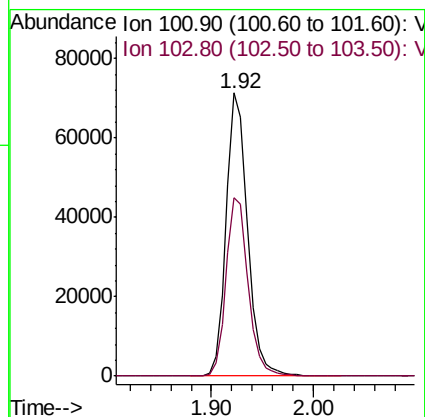
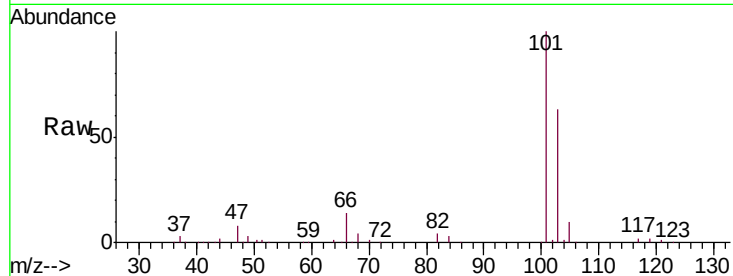
Trichlorofluoromethane
Concen: 51.59 ug/l
RT: 1.92 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

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Tot Ion:101 Resp: 103748
Ion Ratio Lower Upper
101 100
103 63.2 53.2 79.8

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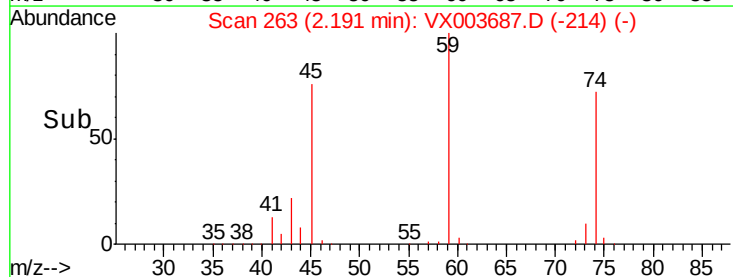
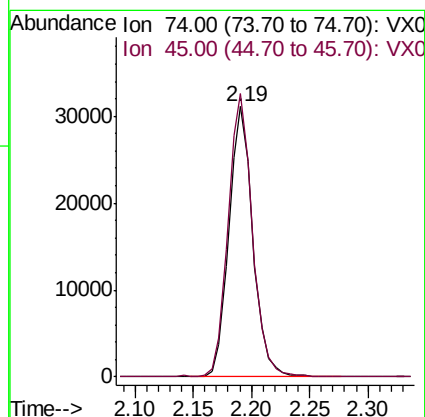
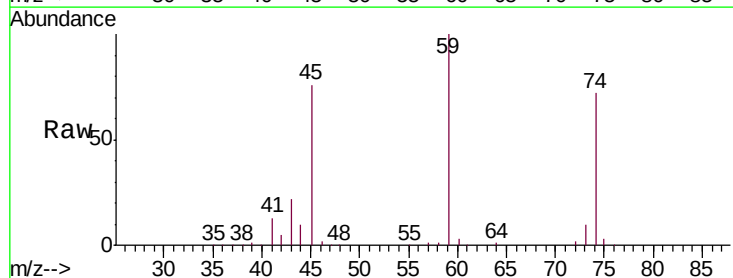
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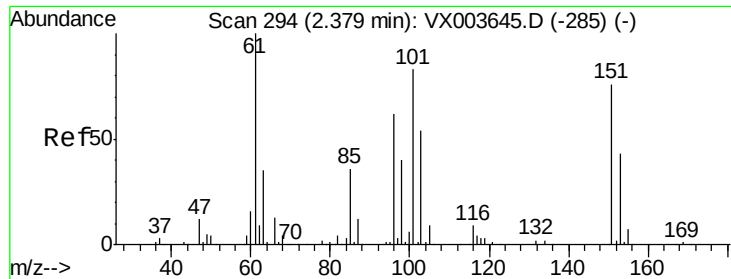


#8

Diethyl Ether
Concen: 50.28 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Tgt Ion: 74 Resp: 44312
Ion Ratio Lower Upper
74 100
45 105.2 51.0 153.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.55 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

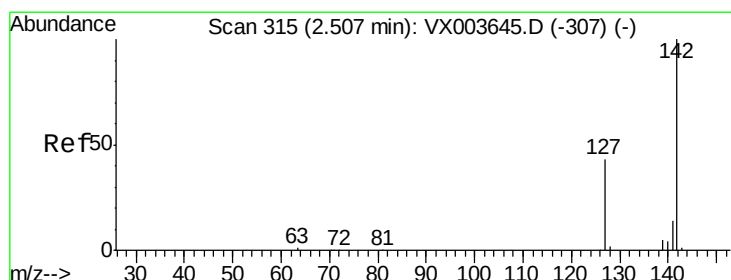
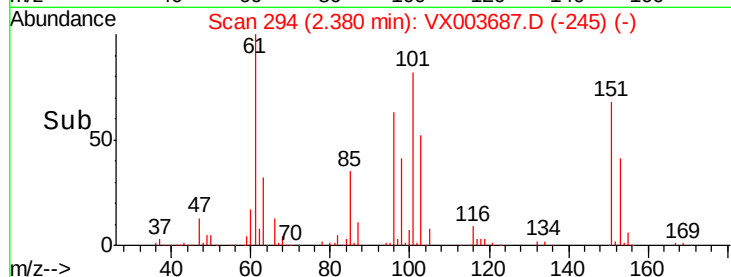
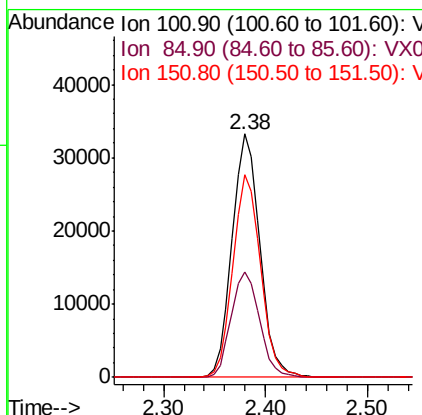
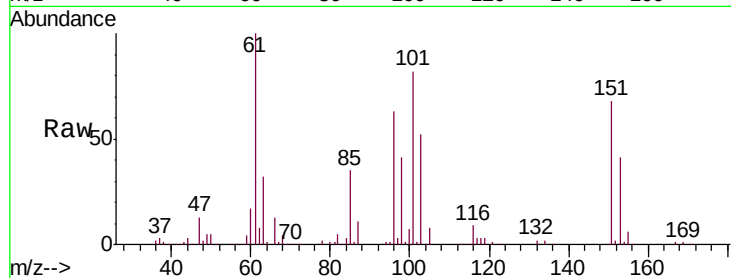
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	62572
Ion	Ratio	Lower	Upper
101	100		
85	44.3	34.6	52.0
151	82.9	67.5	101.3

Manual Integrations
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#10

Methyl Iodide

Concen: 50.35 ug/l

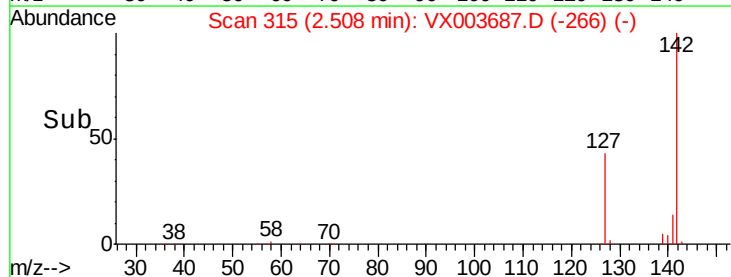
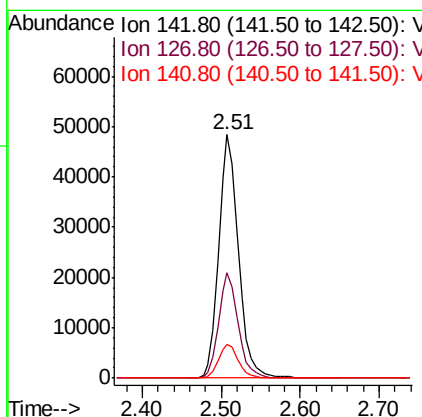
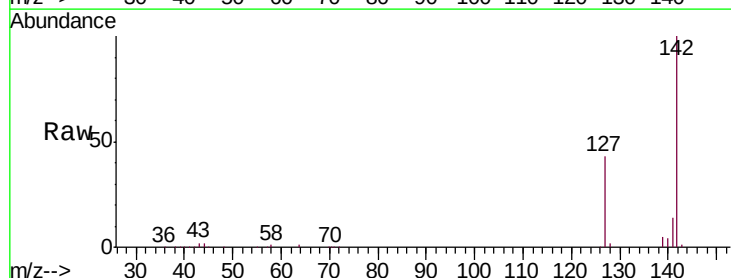
RT: 2.51 min Scan# 315

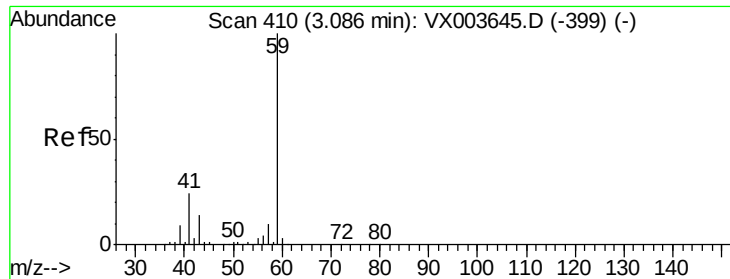
Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Tgt Ion:	142	Resp:	84041
Ion	Ratio	Lower	Upper
142	100		
127	43.0	34.0	51.0
141	14.0	11.3	16.9





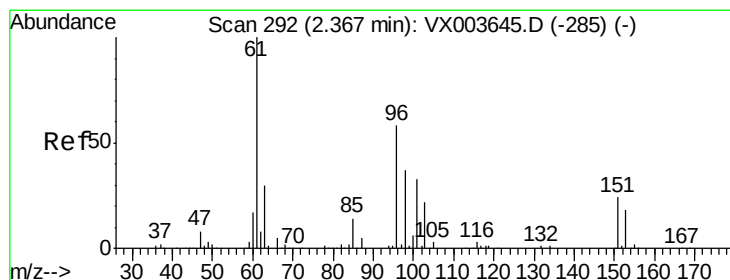
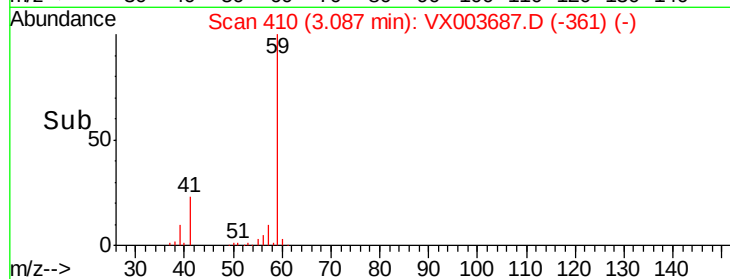
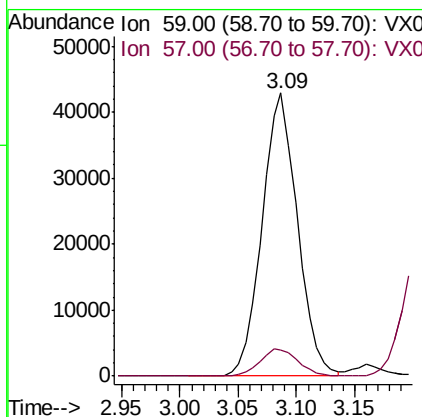
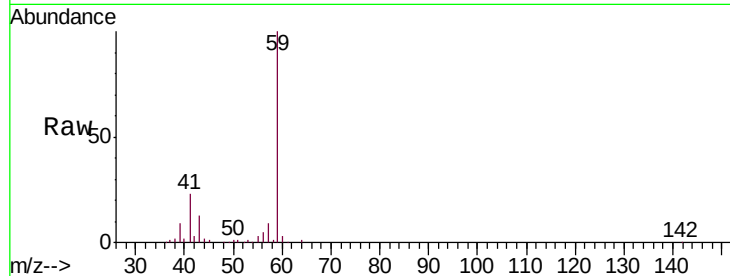
#11
Tert butyl alcohol
Concen: 250.20 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	59.00 (58.70 to 59.70): VX0	Resp	90206
Ion Ratio	Lower	Upper	
59	100		
57	10.3	8.2	12.4

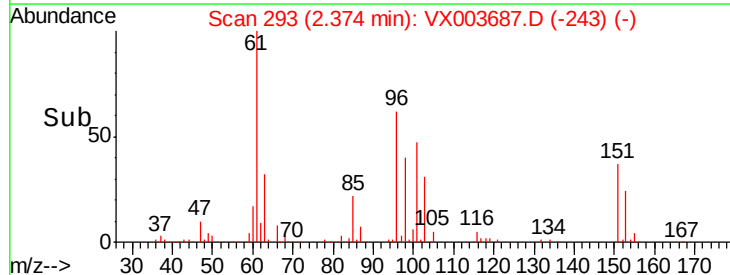
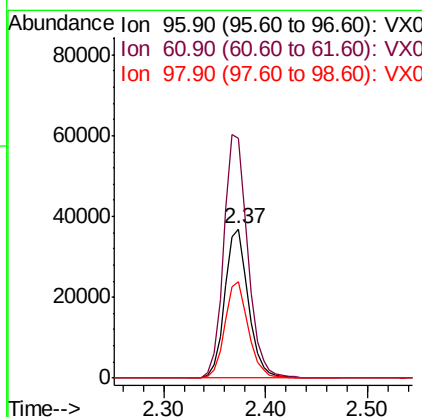
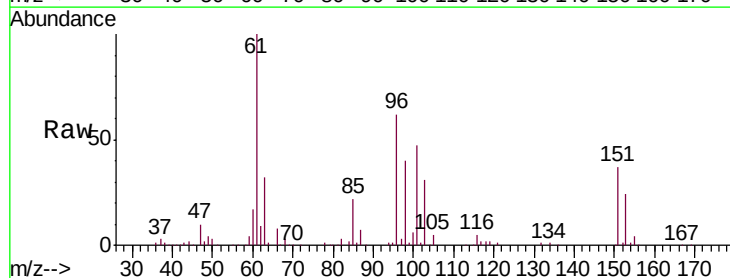
Manual Integrations
APPROVED

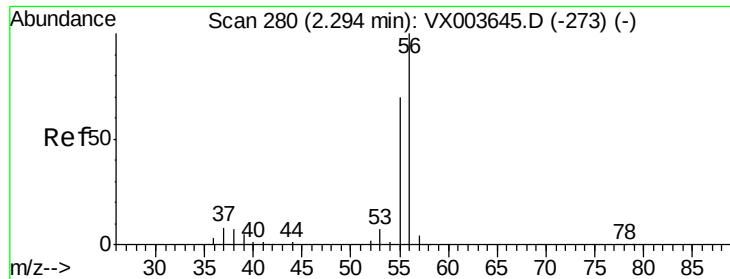
MMDadoda
7/27/2018 5:40:41 PM



#12
1,1-Dichloroethene
Concen: 50.06 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Tgt Ion	96	Resp	58959
Ion Ratio	Lower	Upper	
96	100		
61	160.1	138.8	208.2
98	64.6	51.4	77.2





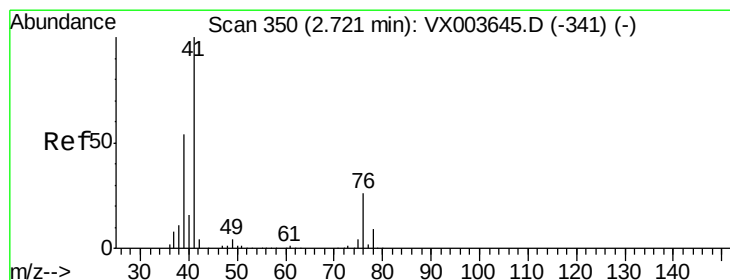
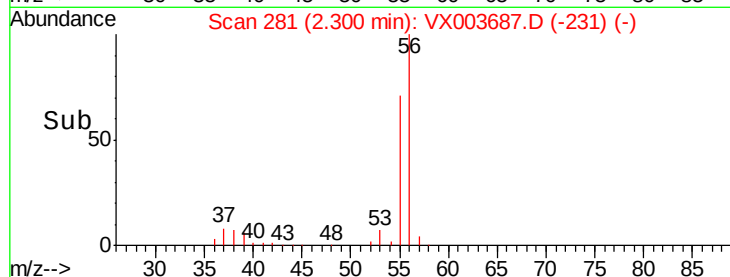
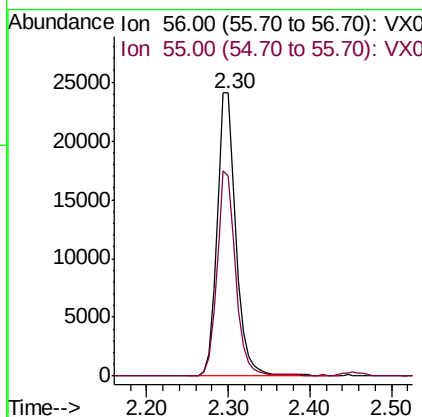
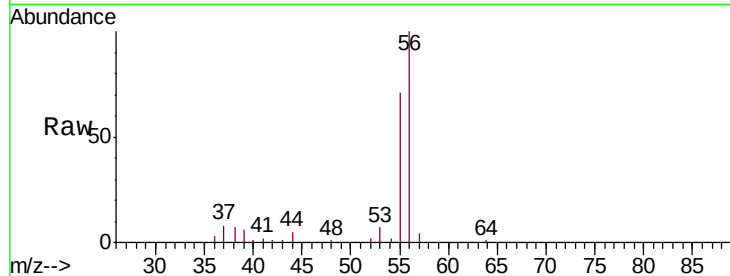
#13
Acrolein
Concen: 216.78 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	39422
Ion Ratio	100	Lower	Upper
55	71.3	55.4	83.2

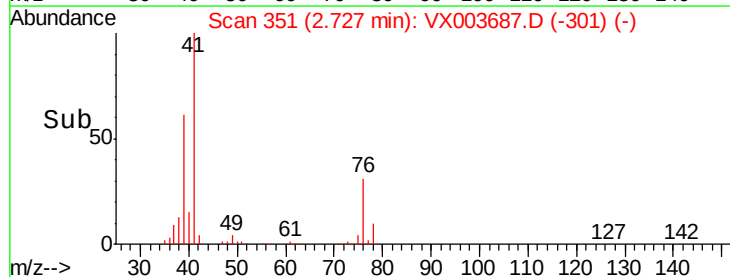
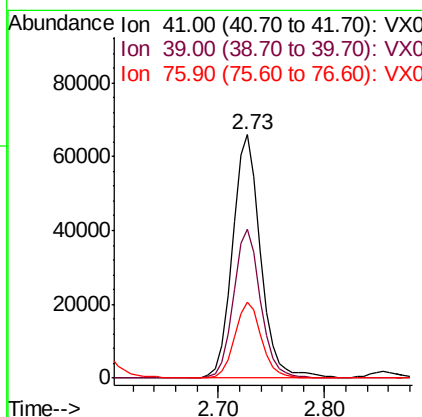
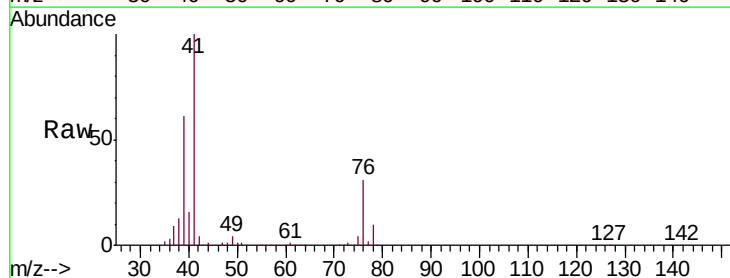
Manual Integrations
APPROVED

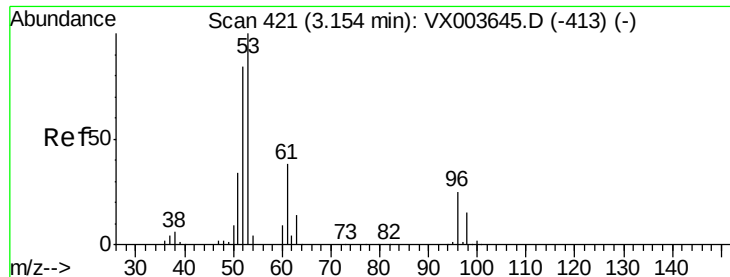
MMDadoda
7/27/2018 5:40:41 PM



#14
Allyl chloride
Concen: 49.48 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.01 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Tgt Ion	41	Resp	121484
Ion Ratio	100	Lower	Upper
39	59.6	45.3	67.9
76	30.1	23.8	35.6





#15

Acrylonitrile

Concen: 254.72 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

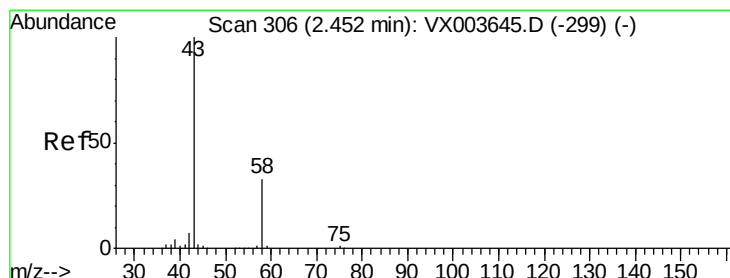
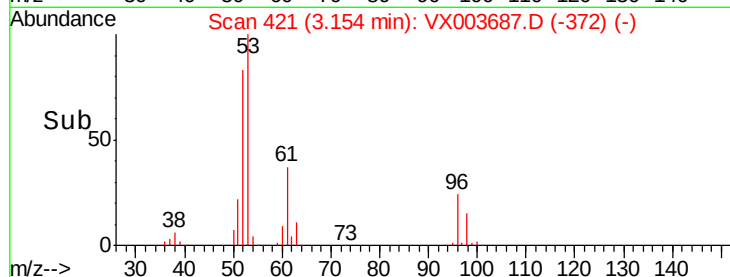
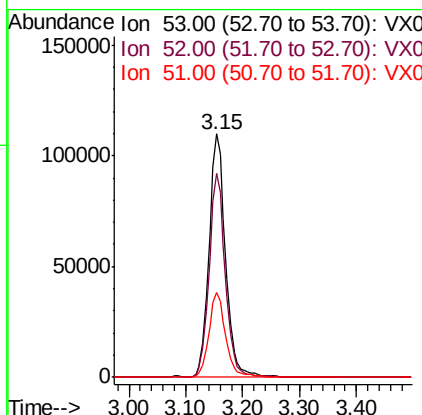
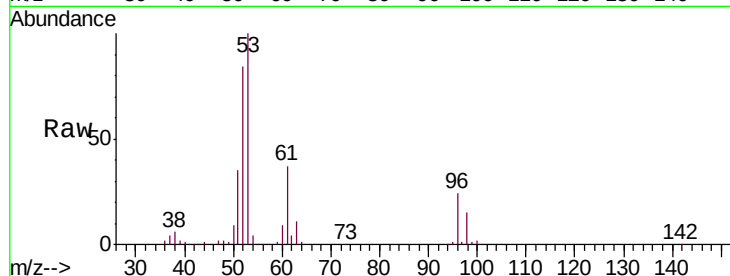
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	221896
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.1	99.1
51	35.8	28.2	42.4

Manual Integrations
APPROVED

MMDadoda
7/27/2018 5:40:41 PM



#16

Acetone

Concen: 256.55 ug/l

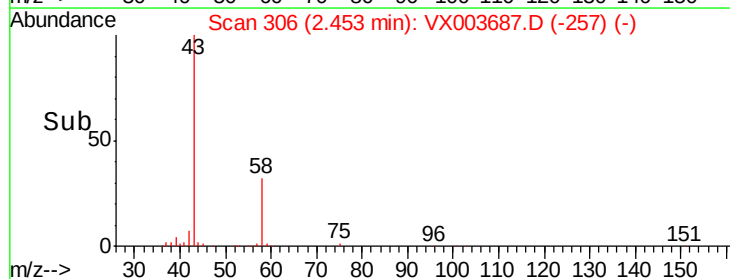
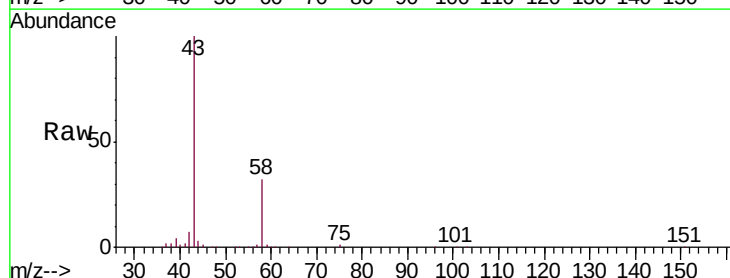
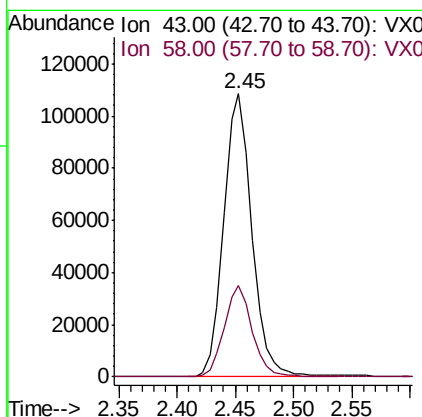
RT: 2.45 min Scan# 306

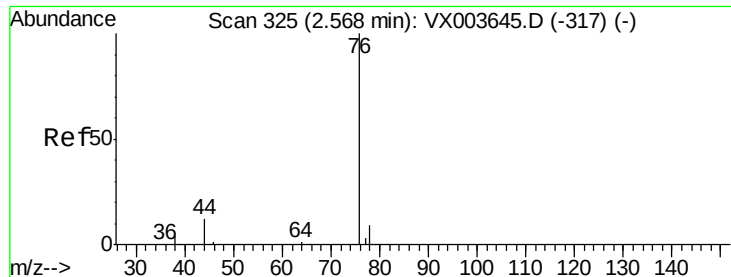
Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Tgt Ion:	43	Resp:	181792
Ion	Ratio	Lower	Upper
43	100		
58	32.3	26.1	39.1





#17

Carbon Disulfide

Concen: 49.35 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 167178

Ion Ratio Lower Upper

76 100

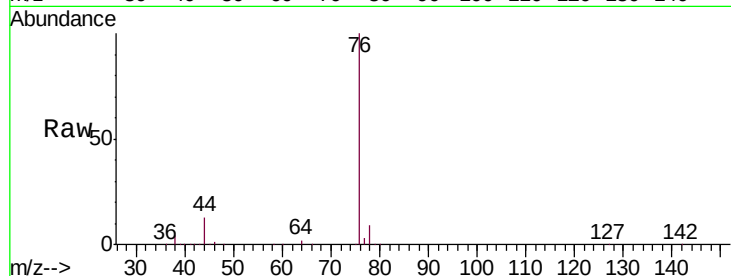
78 8.9 7.4 11.0

Manual Integrations

APPROVED

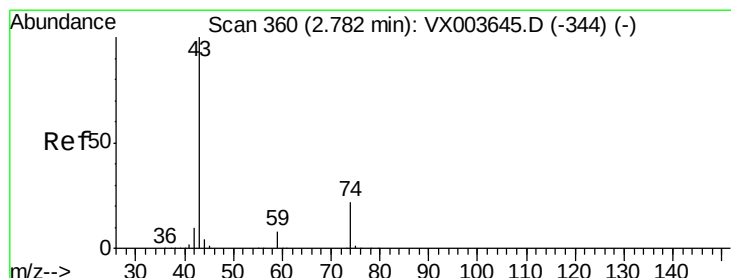
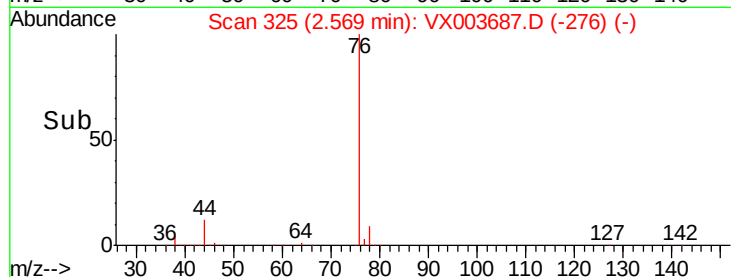
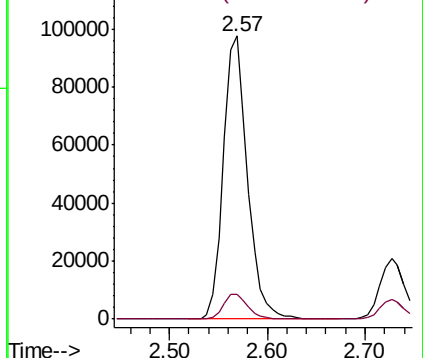
MMDadoda

7/27/2018 5:40:41 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 53.60 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003687.D

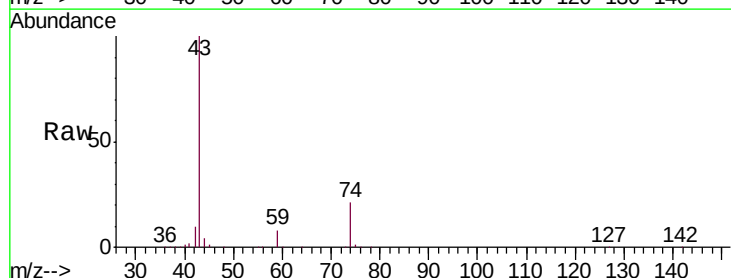
Acq: 26 Jul 2018 23:19

Tgt Ion: 43 Resp: 114701

Ion Ratio Lower Upper

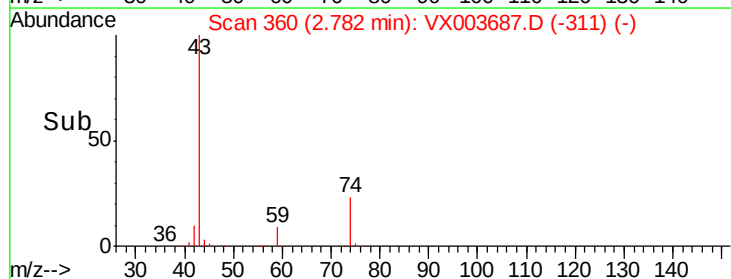
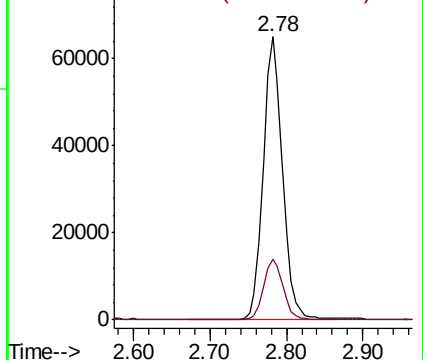
43 100

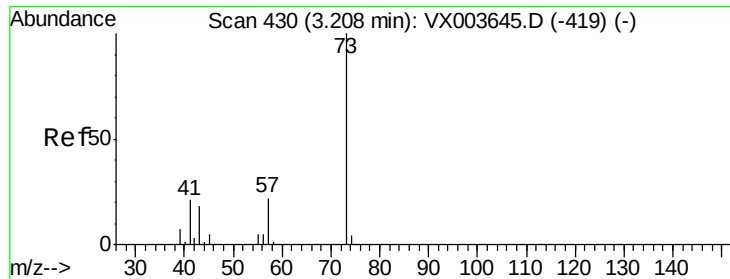
74 21.9 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





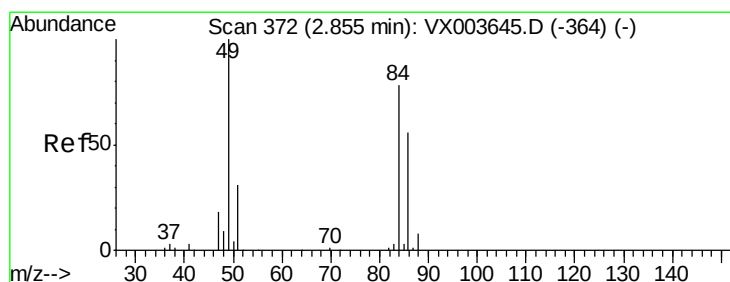
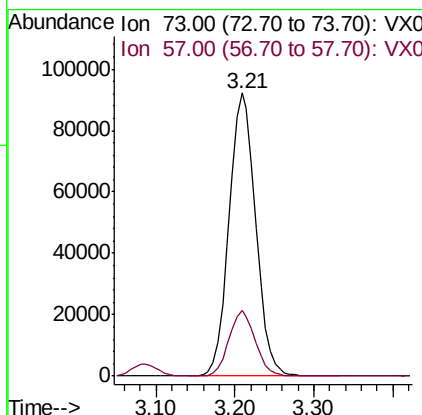
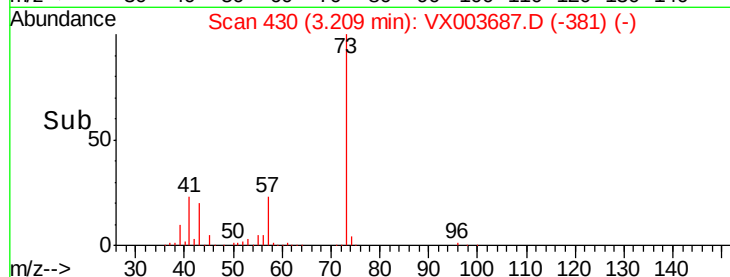
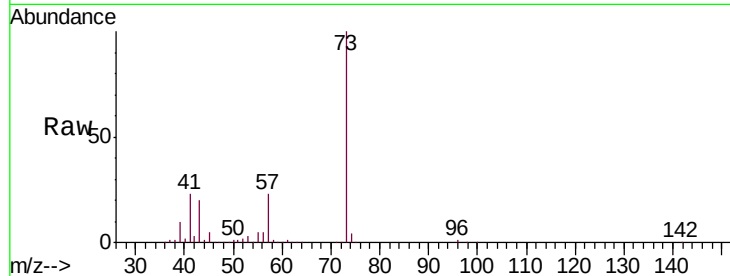
#19
Methyl tert-butyl Ether
Concen: 52.01 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 73 Resp: 216339
Ion Ratio Lower Upper
73 100
57 23.0 17.4 26.2

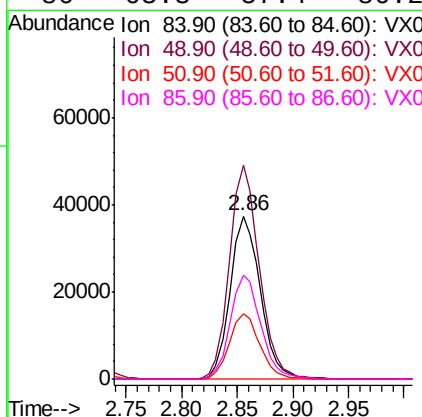
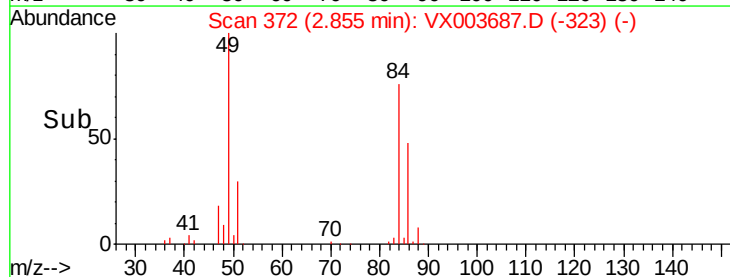
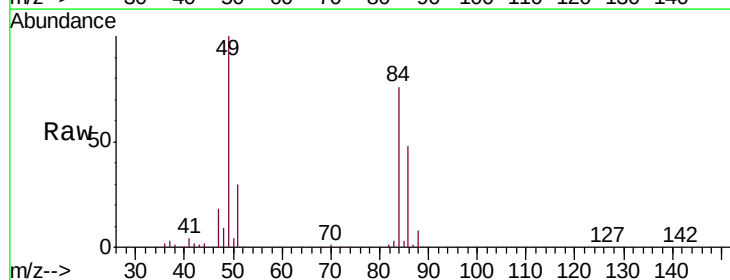
Manual Integrations
APPROVED

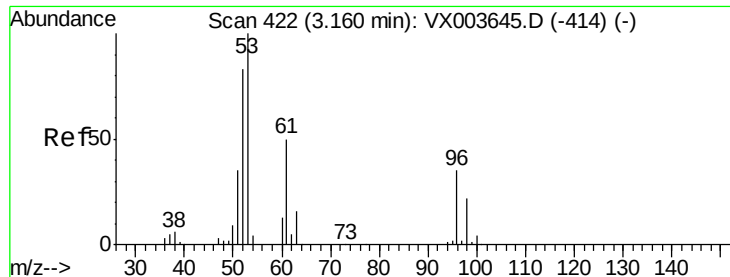
MMDadoda
7/27/2018 5:40:41 PM



#20
Methylene Chloride
Concen: 49.97 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Tgt Ion: 84 Resp: 70167
Ion Ratio Lower Upper
84 100
49 131.1 102.3 153.5
51 39.8 31.8 47.8
86 63.3 57.4 86.2





#21

trans-1,2-Dichloroethene

Concen: 51.04 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

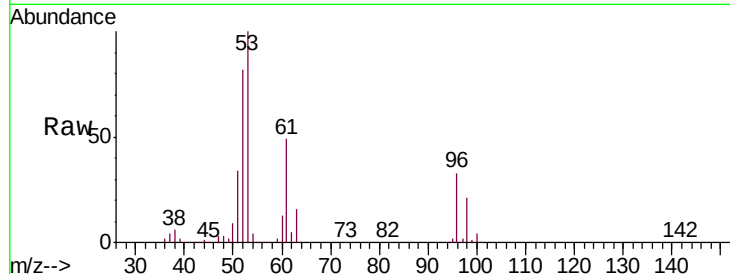
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.3	115.0	172.4
98	62.1	49.7	74.5

Manual Integrations
APPROVED

MMDadoda
7/27/2018 5:40:41 PM

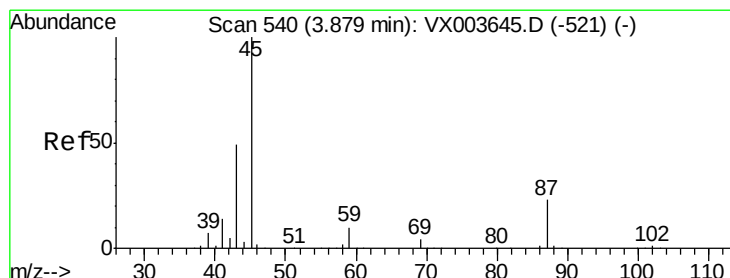
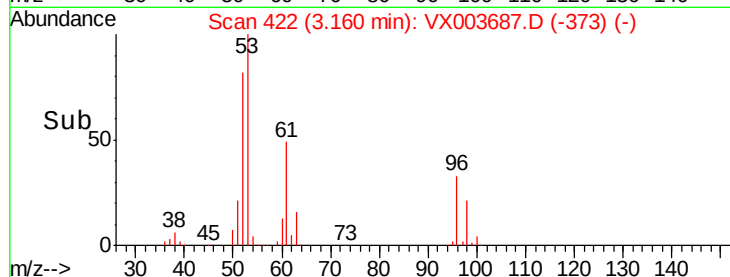
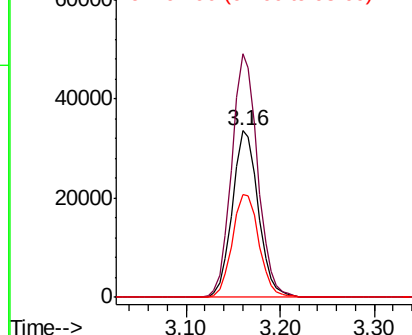


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 47.63 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.7	39.0	58.4
87	25.4	18.4	27.6
59	11.9	7.8	11.8#

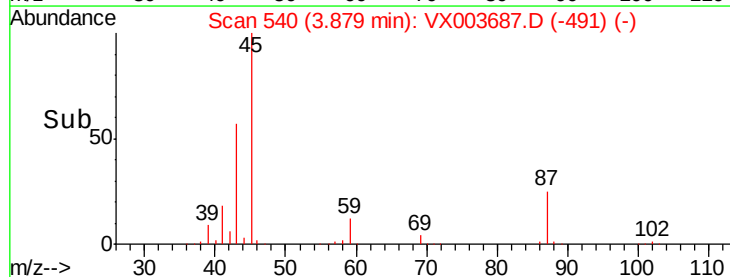
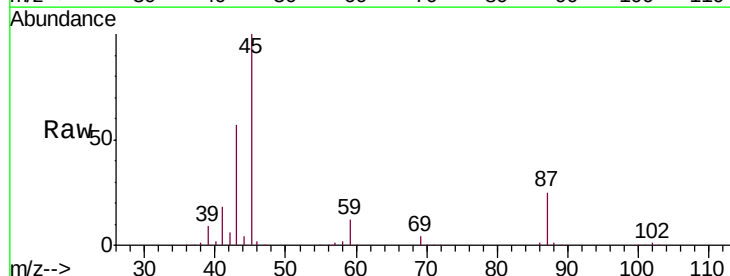
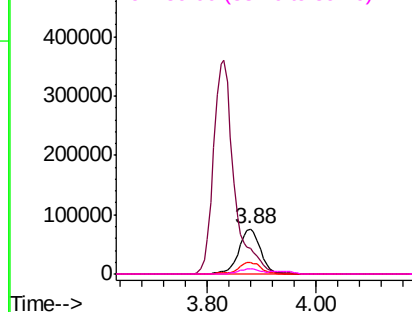
Abundance

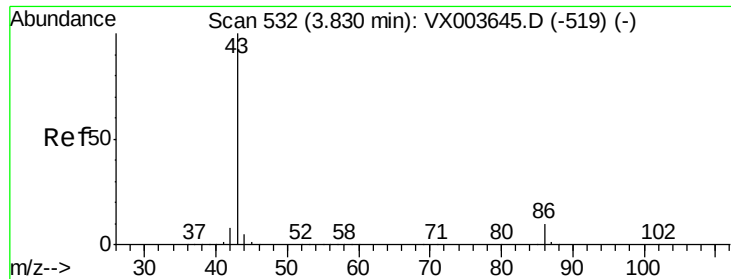
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 247.07 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 948732

Ion Ratio Lower Upper

43 100

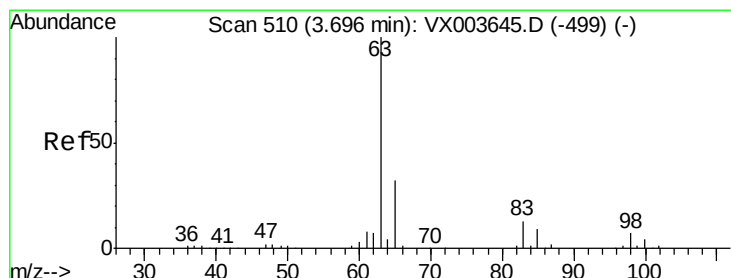
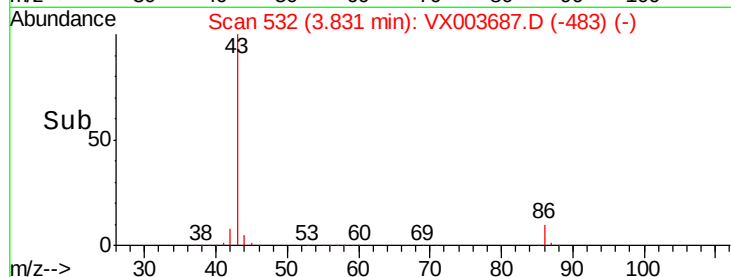
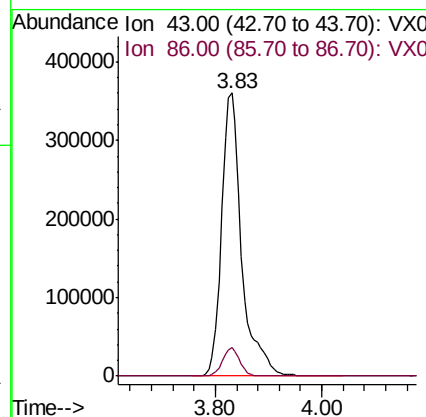
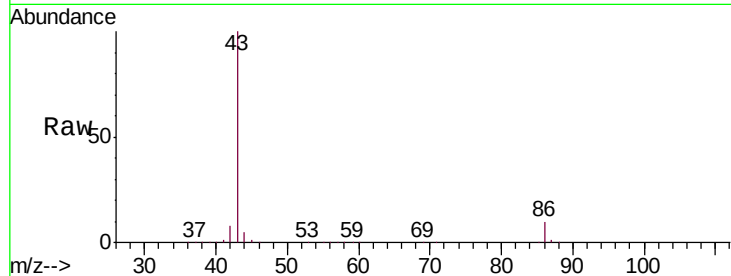
86 9.9 7.7 11.5

Manual Integrations

APPROVED

MMDadoda

7/27/2018 5:40:41 PM



#24

1,1-Dichloroethane

Concen: 50.70 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

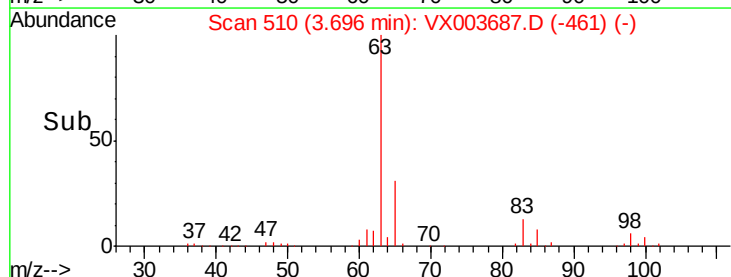
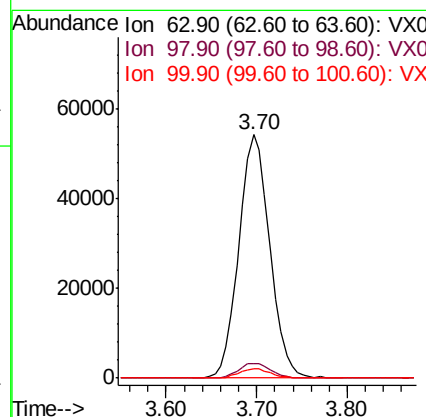
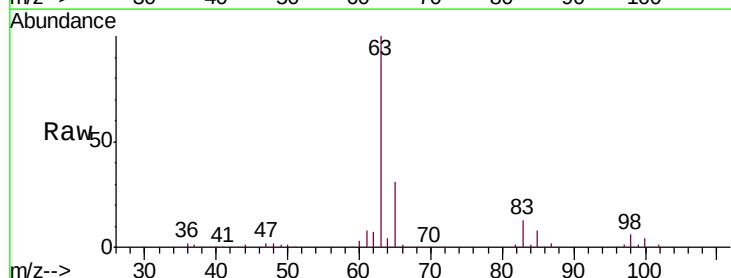
Tgt Ion: 63 Resp: 128084

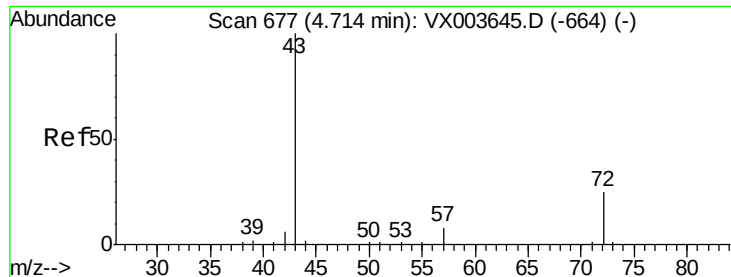
Ion Ratio Lower Upper

63 100

98 6.0 3.3 9.8

100 3.8 2.1 6.3





#25

2-Butanone

Concen: 247.37 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 270783

Ion Ratio Lower Upper

43 100

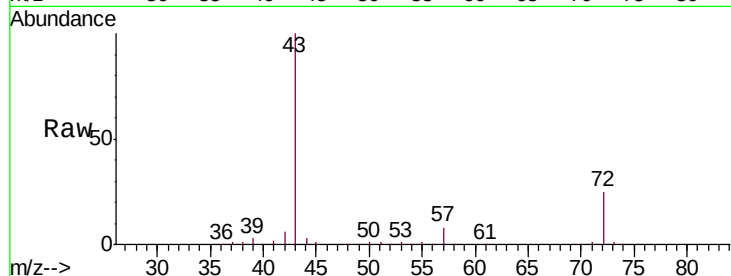
72 25.5 20.2 30.4

Manual Integrations

APPROVED

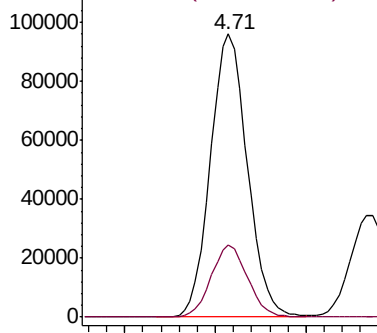
MMDadoda

7/27/2018 5:40:41 PM

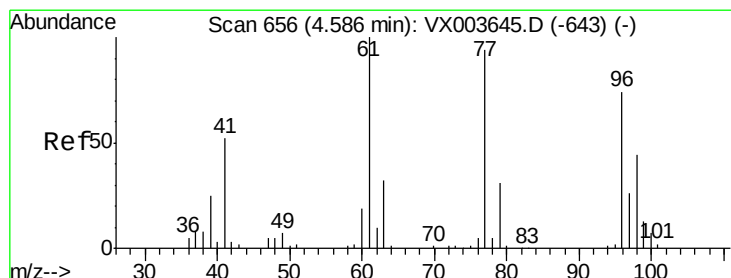
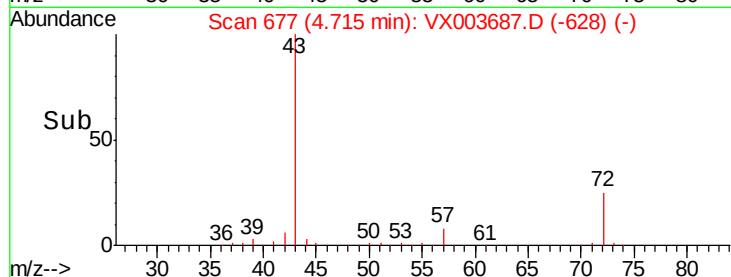


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#26

2,2-Dichloropropane

Concen: 40.53 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003687.D

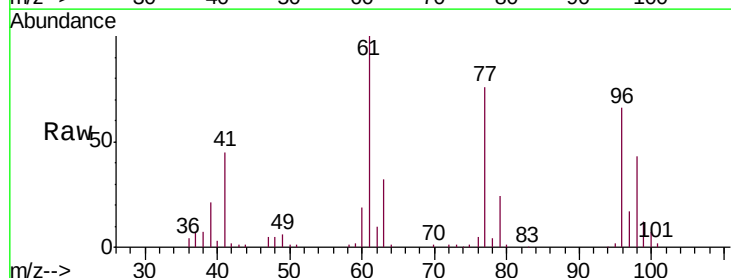
Acq: 26 Jul 2018 23:19

Tgt Ion: 77 Resp: 64748

Ion Ratio Lower Upper

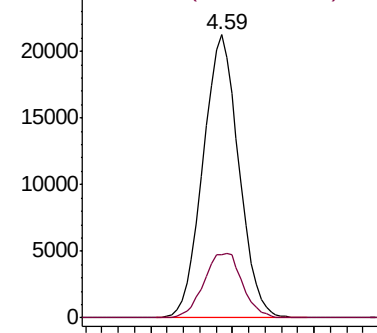
77 100

97 24.5 12.0 36.0

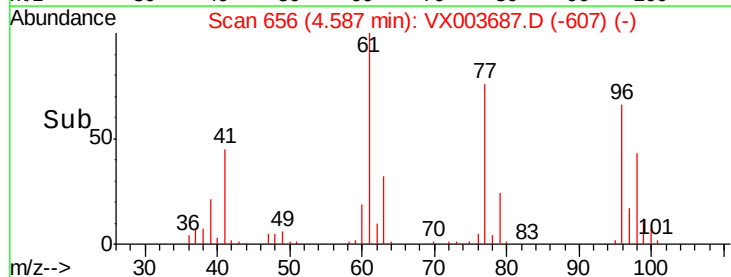


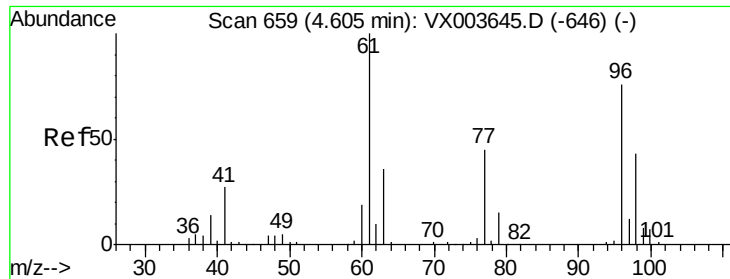
Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



Time-->





#27

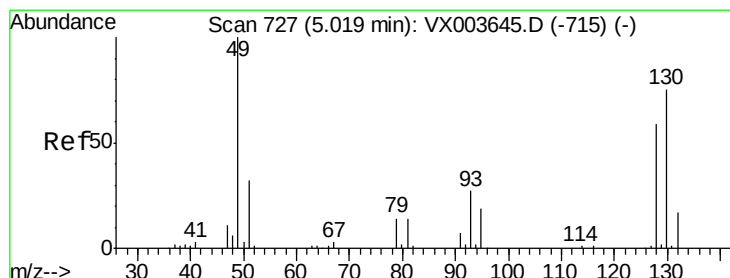
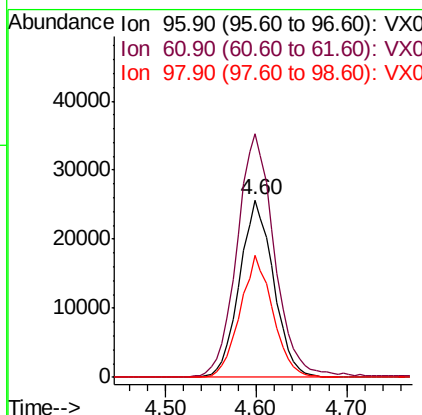
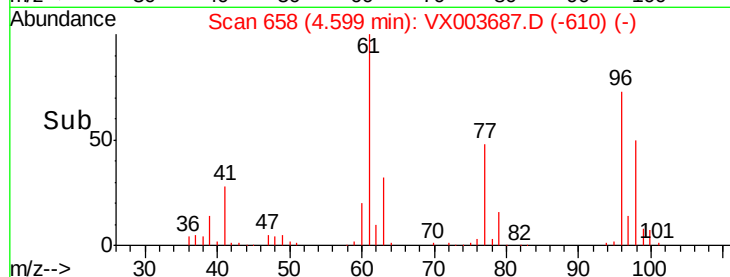
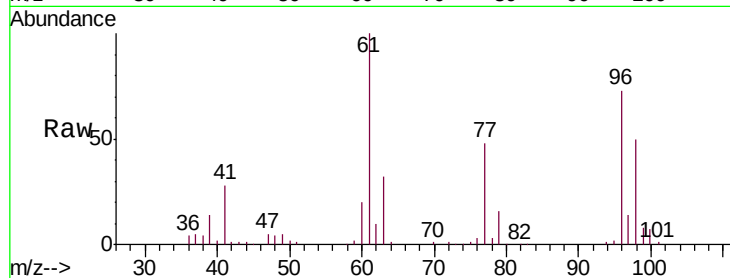
cis-1,2-Dichloroethene
Concen: 48.67 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.01 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.2	0.0	313.6
98	66.4	0.0	125.6

Manual Integrations
APPROVED

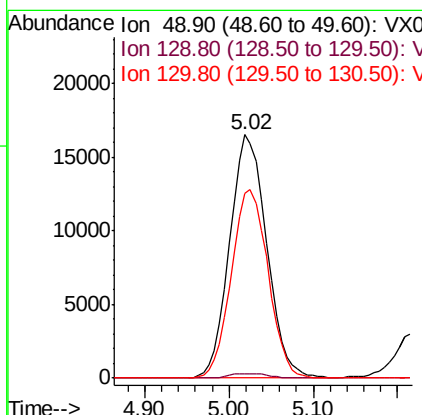
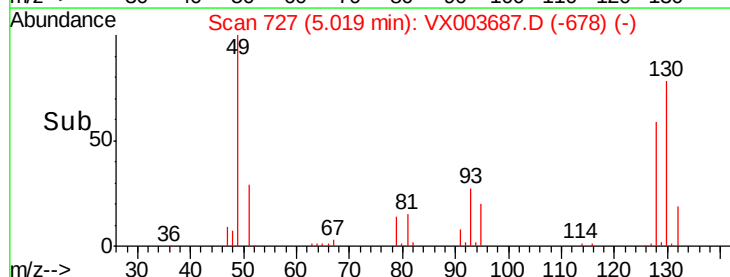
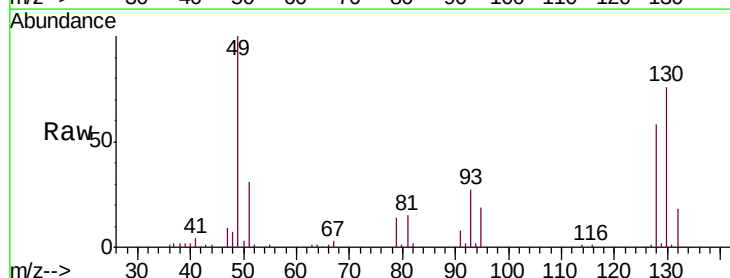
MMDadoda
7/27/2018 5:40:41 PM

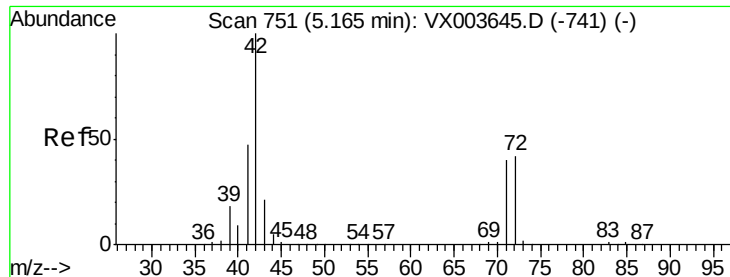


#28

Bromochloromethane
Concen: 48.70 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.2
130	76.9	61.0	91.6





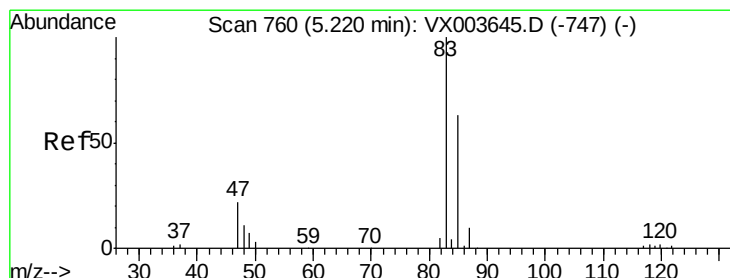
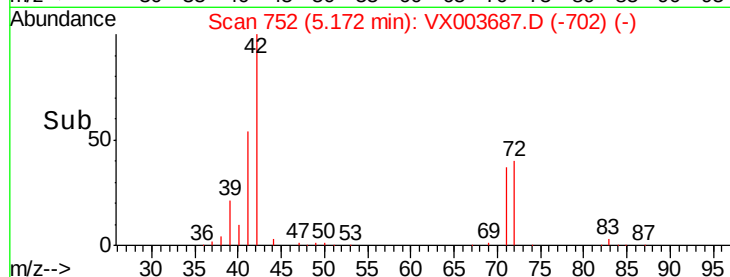
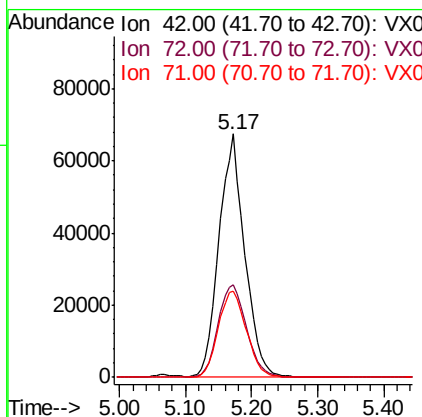
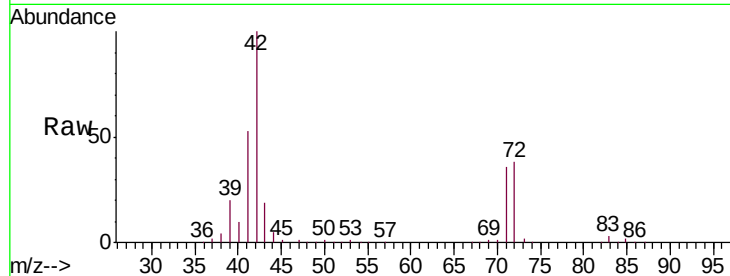
#29
Tetrahydrofuran
Concen: 254.12 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	33.4	50.0
71	39.0	31.0	46.6

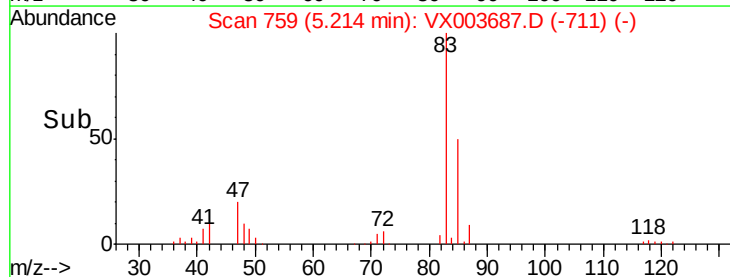
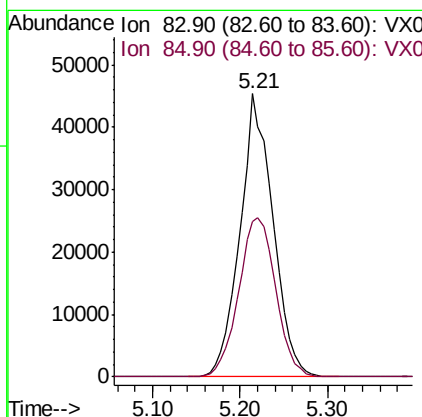
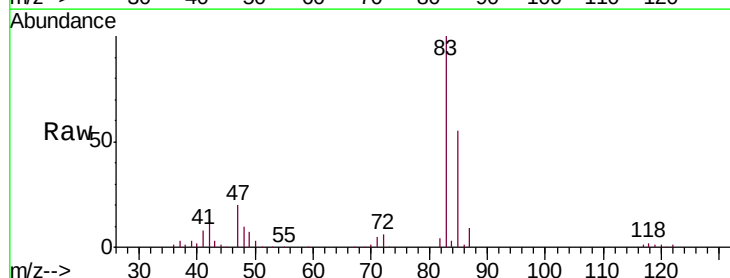
Manual Integrations
APPROVED

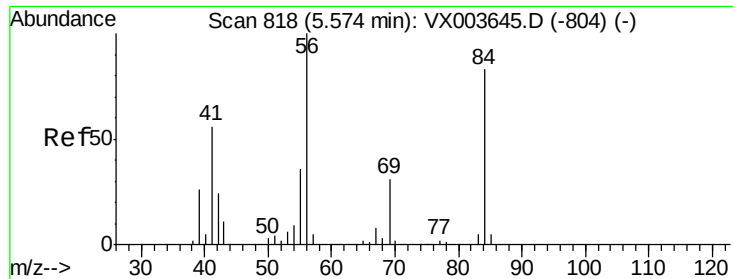
MMDadoda
7/27/2018 5:40:41 PM



#30
Chloroform
Concen: 51.96 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	54.9	50.2	75.4





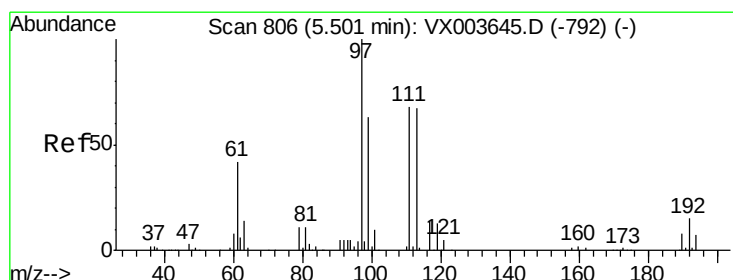
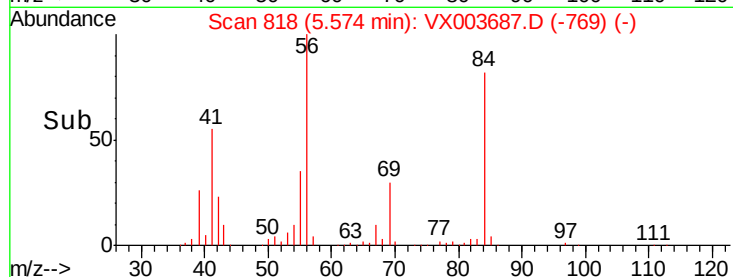
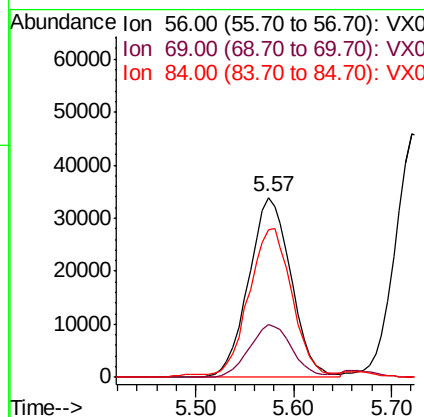
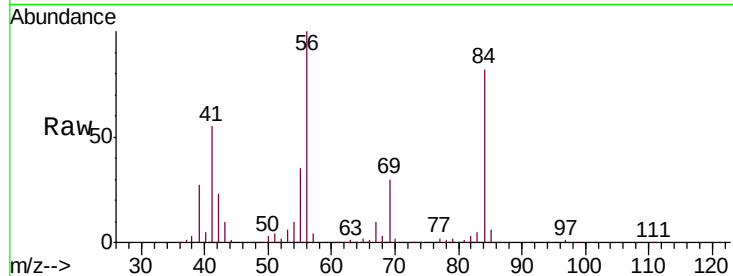
#31
Cyclohexane
Concen: 50.23 ug/l
RT: 5.57 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.6	25.0	37.6
84	80.7	66.5	99.7

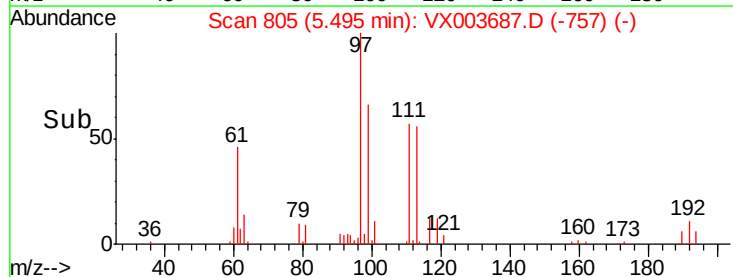
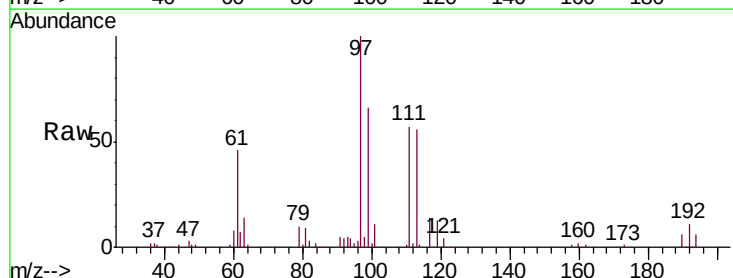
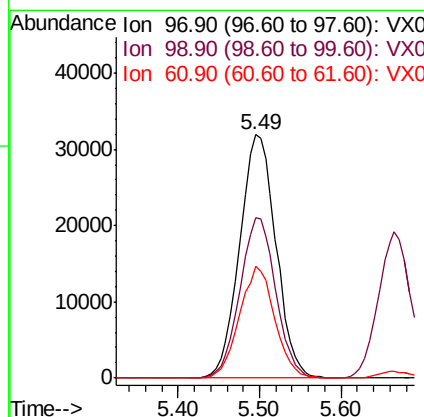
Manual Integrations
APPROVED

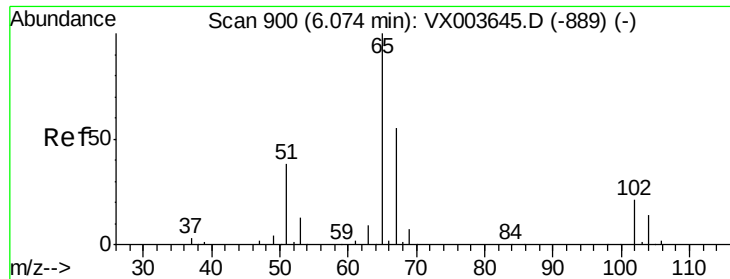
MMDadoda
7/27/2018 5:40:41 PM



#32
1,1,1-Trichloroethane
Concen: 51.72 ug/l
RT: 5.49 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	50.4	75.6
61	44.8	34.5	51.7





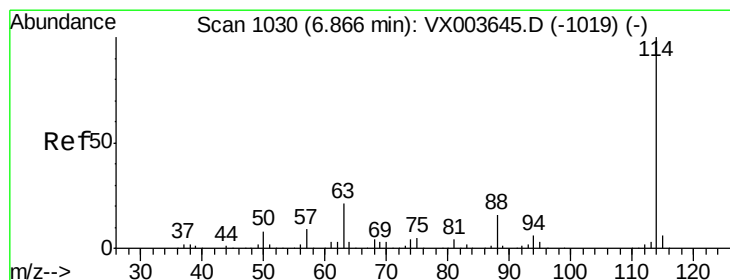
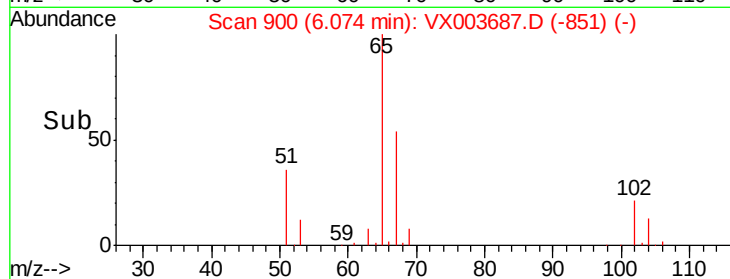
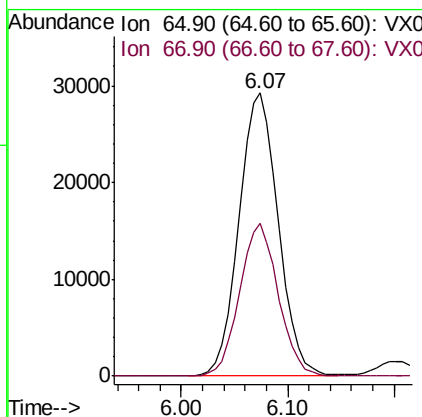
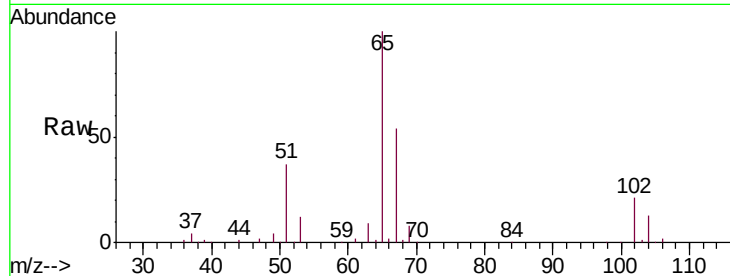
#33
 1,2-Dichloroethane-d4
 Concen: 50.21 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003687.D
 Acq: 26 Jul 2018 23:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	107.8

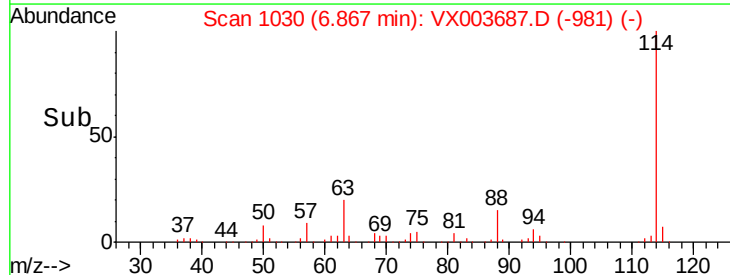
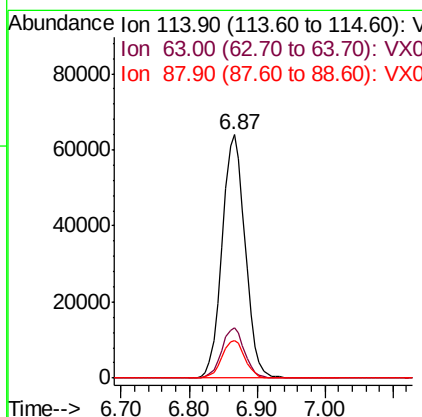
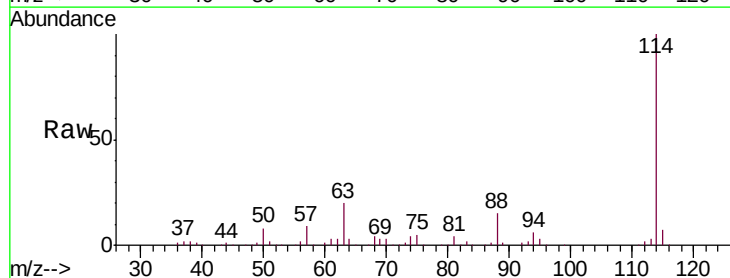
Manual Integrations
 APPROVED

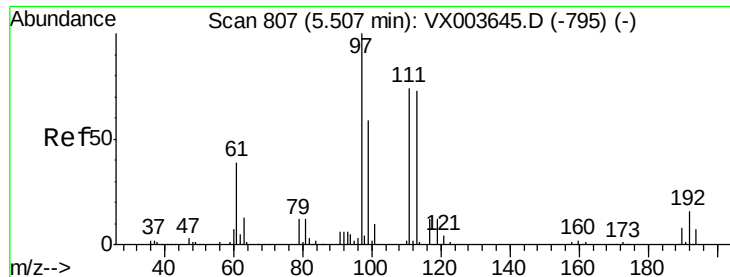
MMDadoda
 7/27/2018 5:40:41 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003687.D
 Acq: 26 Jul 2018 23:19

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	41.0
88	15.4	0.0	31.8





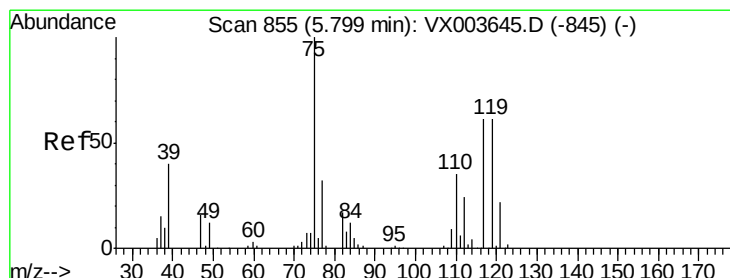
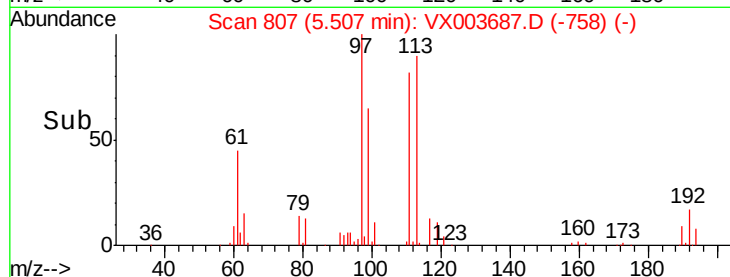
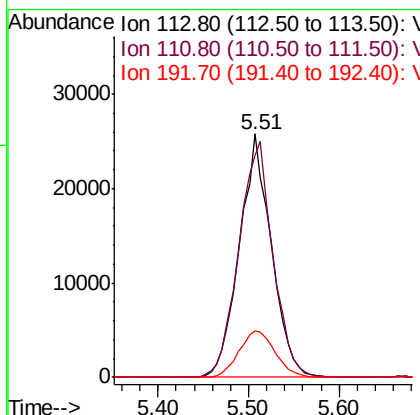
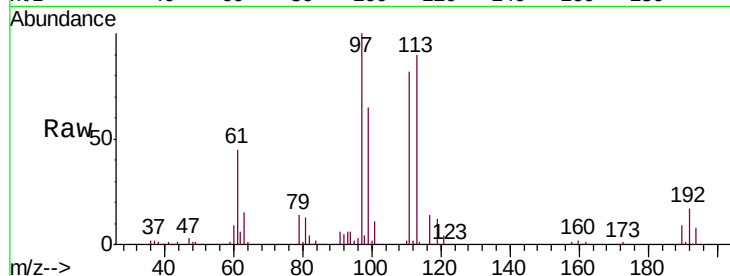
#35
Dibromofluoromethane
Concen: 51.48 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.2	121.8
192	21.6	18.2	27.4

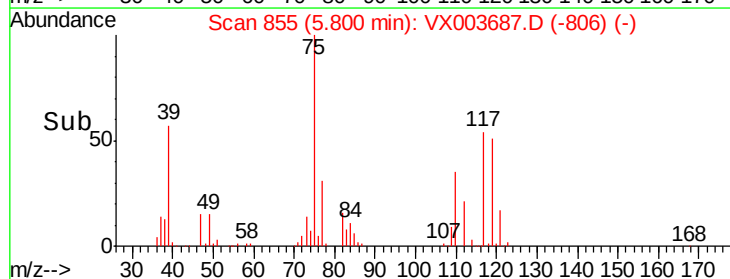
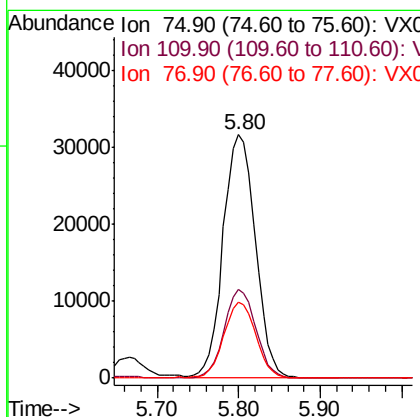
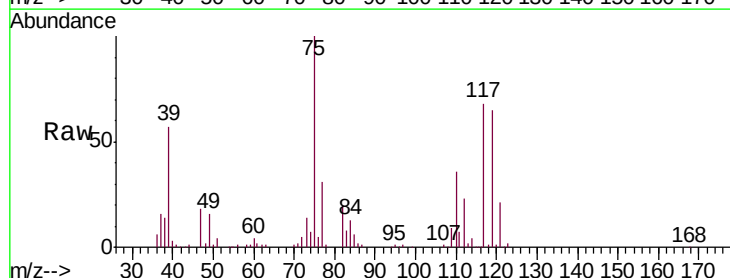
Manual Integrations
APPROVED

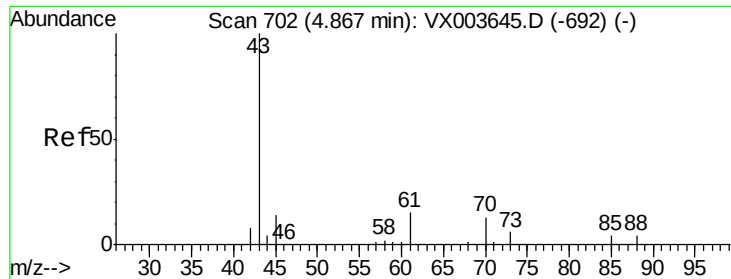
MMDadoda
7/27/2018 5:40:41 PM



#36
1,1-Dichloropropene
Concen: 49.44 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.5	18.1	54.1
77	31.4	25.1	37.7





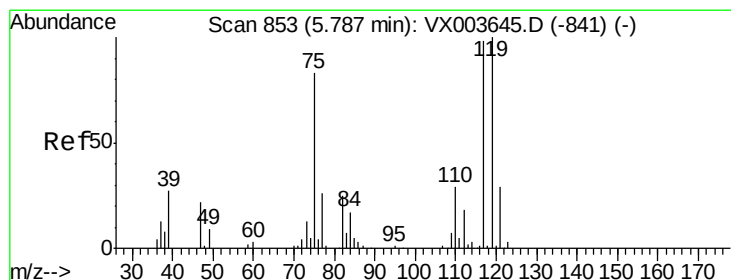
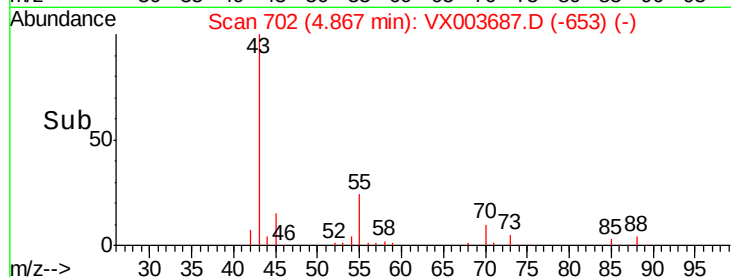
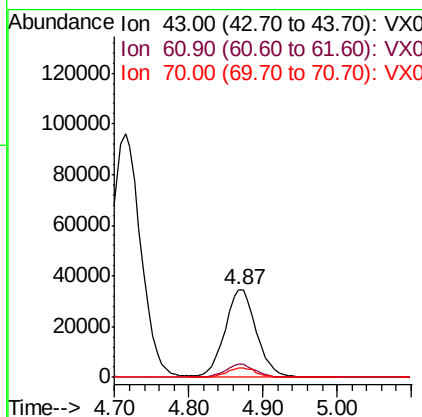
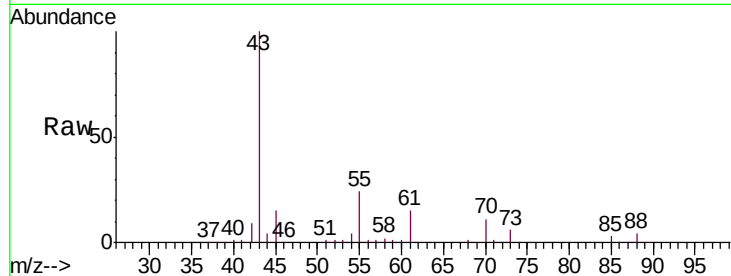
#37
Ethyl Acetate
Concen: 48.35 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.9	17.9
70	10.4	8.6	12.8

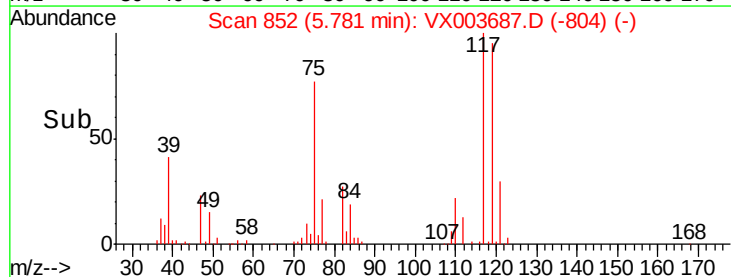
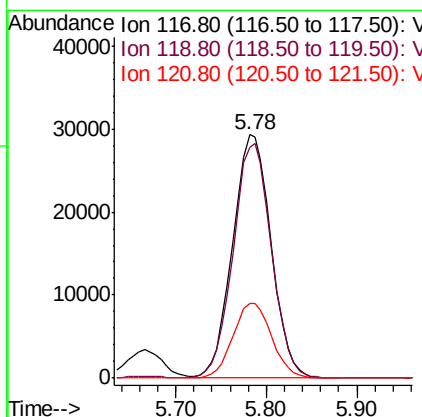
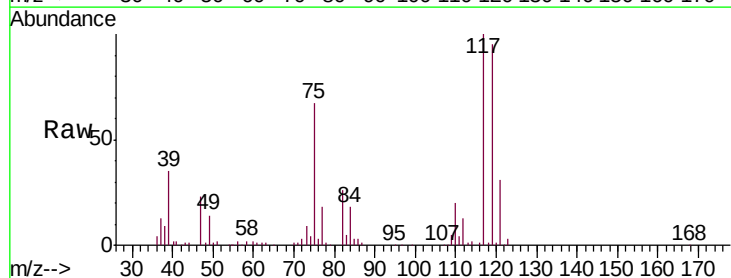
Manual Integrations
APPROVED

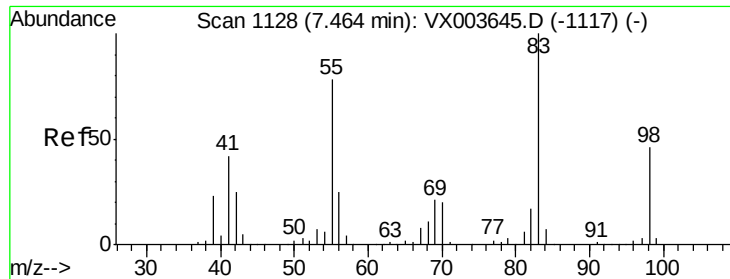
MMDadoda
7/27/2018 5:40:41 PM



#38
Carbon Tetrachloride
Concen: 51.05 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	81.0	121.4
121	30.8	23.7	35.5





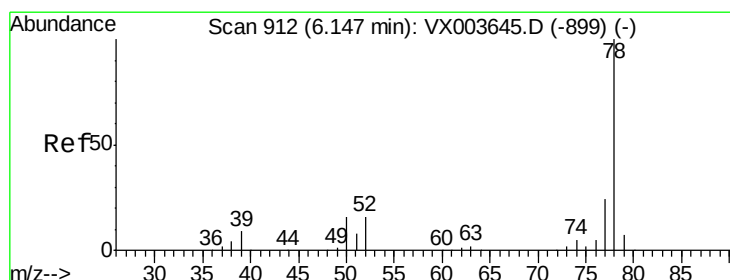
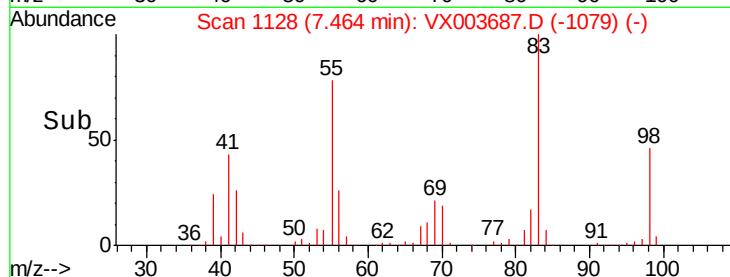
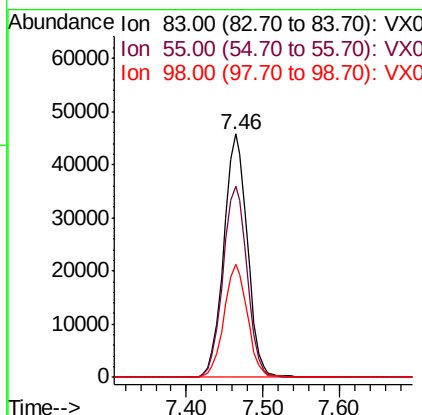
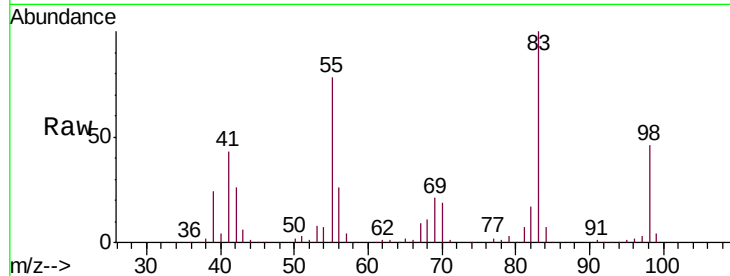
#39
Methylvlcyclohexane
Concen: 50.55 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.4	62.6	93.8
98	46.3	36.6	55.0

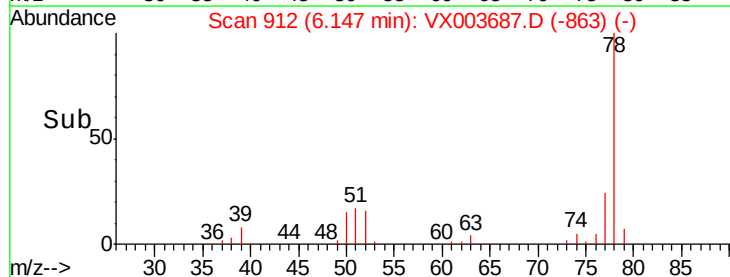
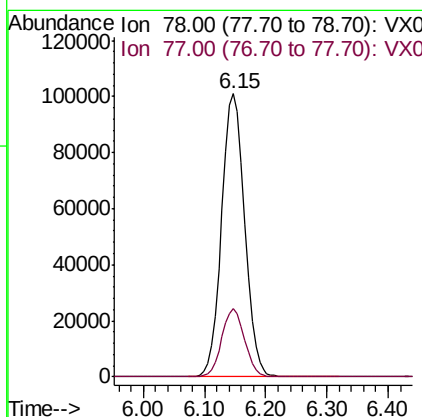
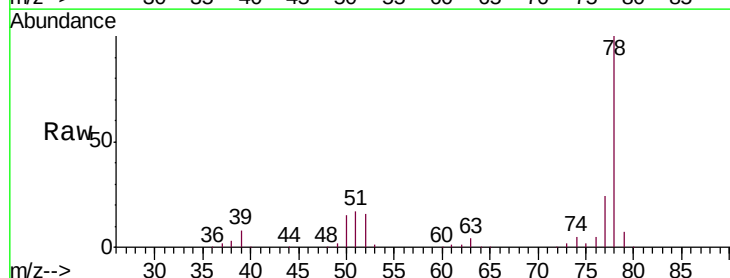
Manual Integrations
APPROVED

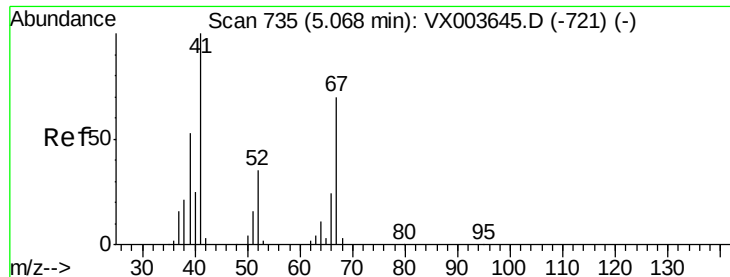
MMDadoda
7/27/2018 5:40:41 PM



#40
Benzene
Concen: 50.77 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.0	28.6





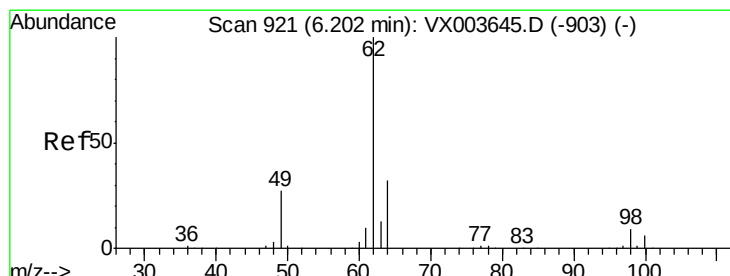
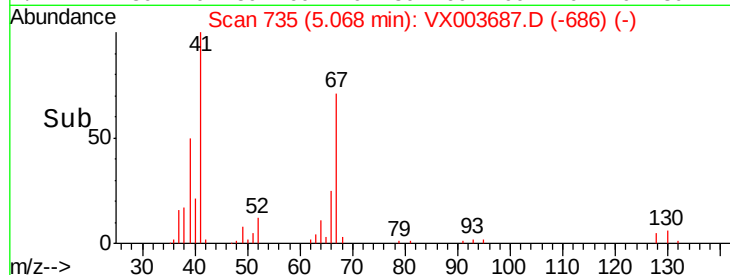
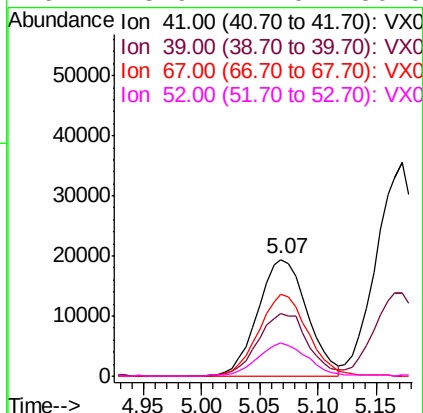
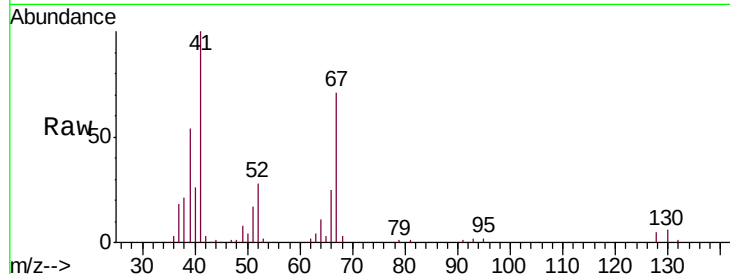
#41
Methacrylonitrile
Concen: 48.82 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.1	42.2	63.4	
67	70.1	56.6	84.8	
52	28.9	24.0	36.0	

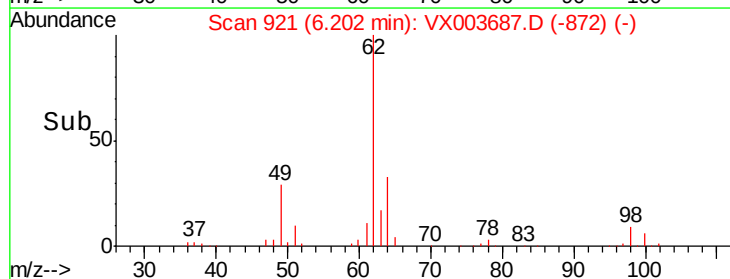
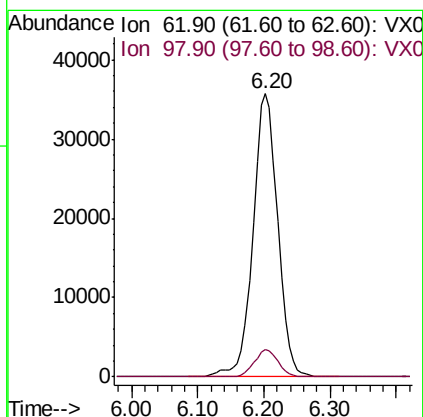
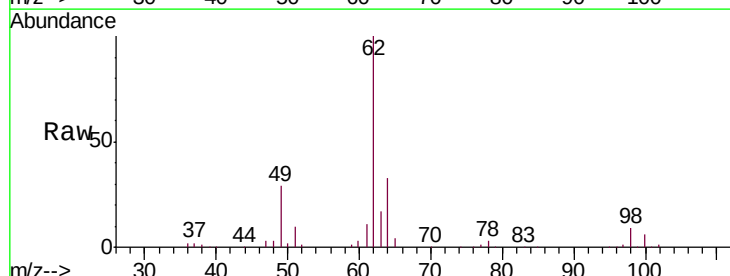
Manual Integrations
APPROVED

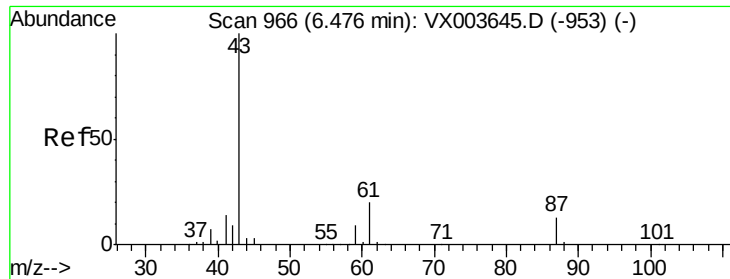
MMDadoda
7/27/2018 5:40:41 PM



#42
1,2-Dichloroethane
Concen: 50.90 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.2	0.0	18.4	





#43

Isopropyl Acetate

Concen: 51.11 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

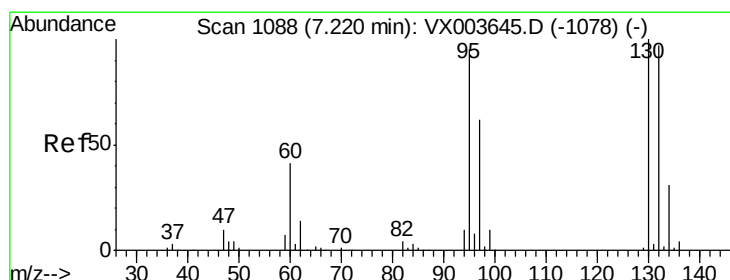
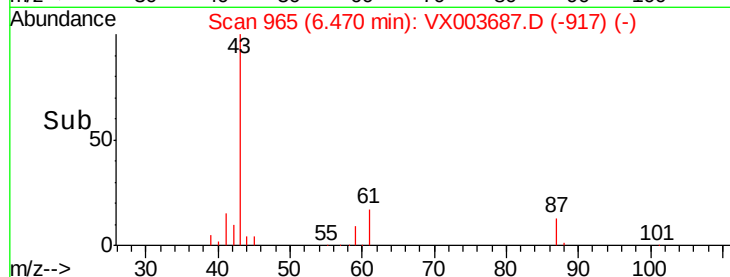
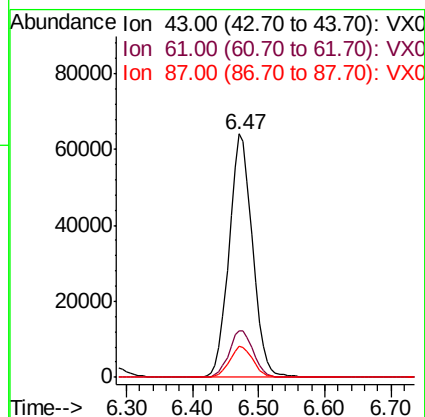
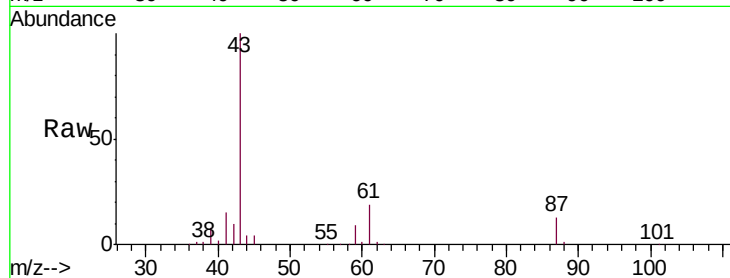
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	157279
Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.9	23.9
87	12.5	10.1	15.1

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7/27/2018 5:40:41 PM



#44

Trichloroethene

Concen: 48.38 ug/l

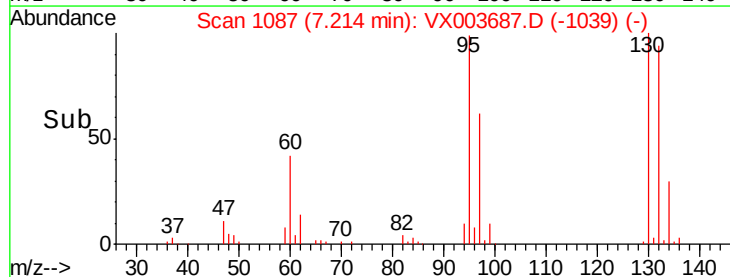
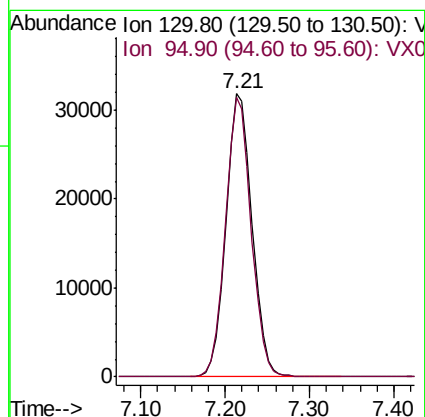
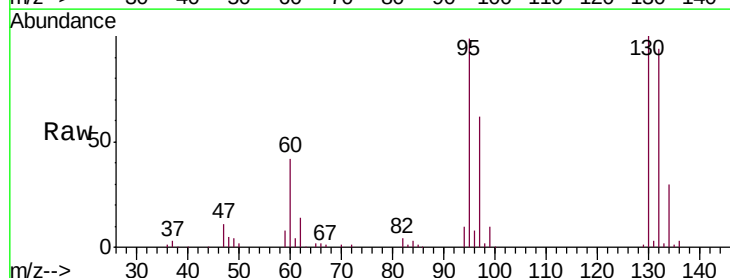
RT: 7.21 min Scan# 1087

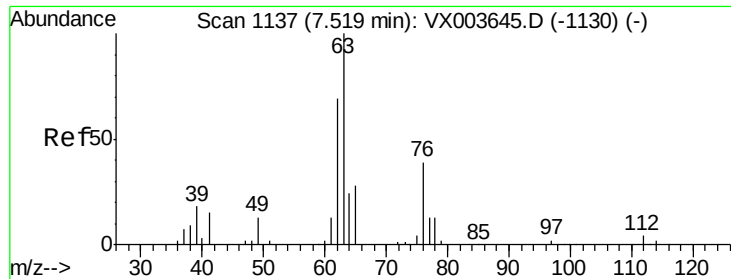
Delta R.T. -0.01 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Tgt Ion:	130	Resp:	67337
Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	190.0





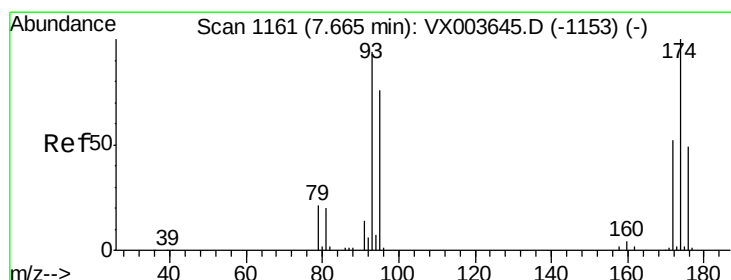
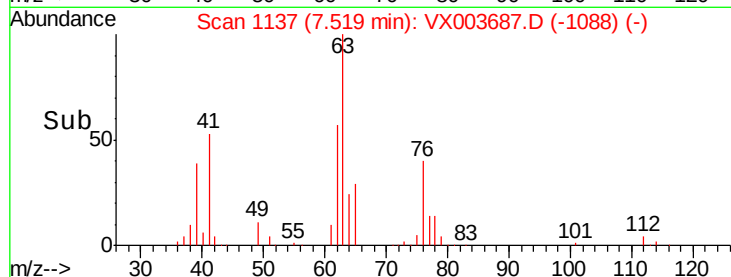
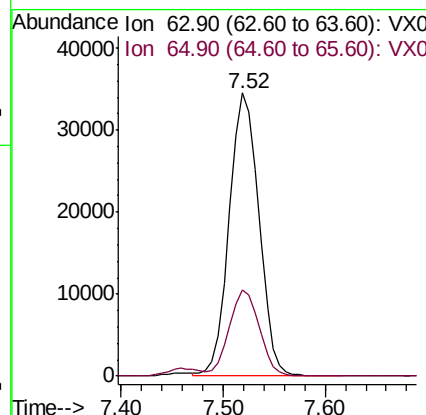
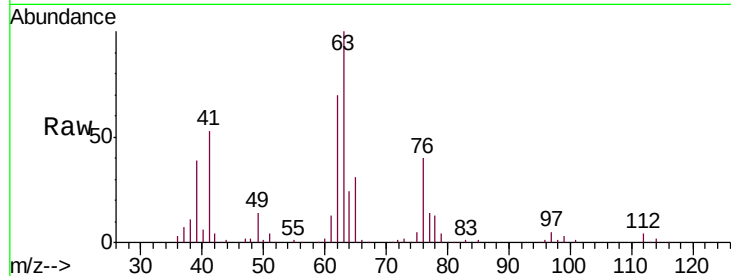
#45
 1,2-Dichloropropane
 Concen: 52.04 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003687.D
 Acq: 26 Jul 2018 23:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	24.0	36.0

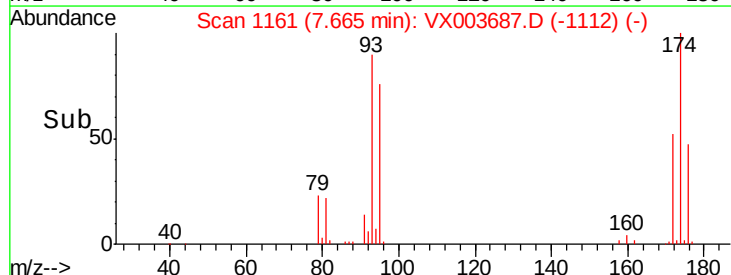
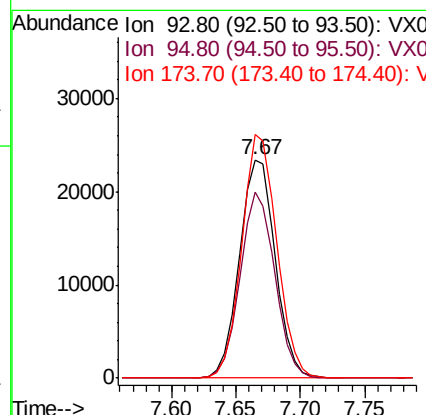
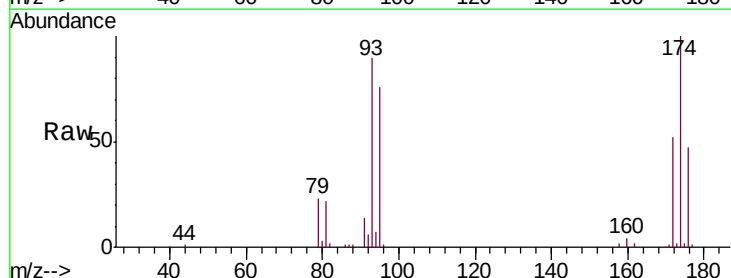
Manual Integrations
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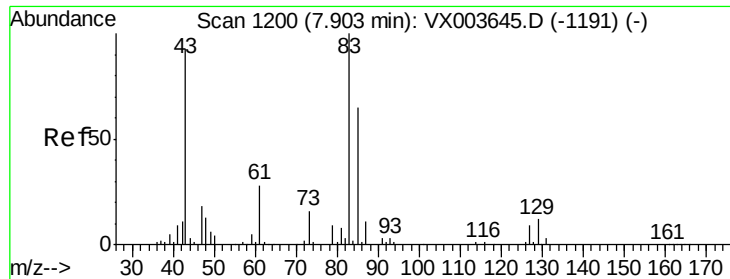
MMDadoda
 7/27/2018 5:40:41 PM



#46
 Dibromomethane
 Concen: 52.18 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003687.D
 Acq: 26 Jul 2018 23:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	67.0	100.6
174	109.5	89.6	134.4





#47

Bromodichloromethane

Concen: 52.83 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

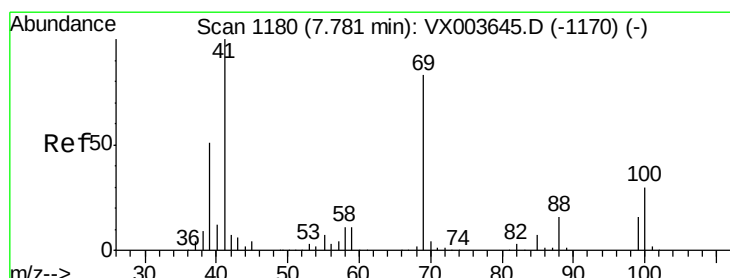
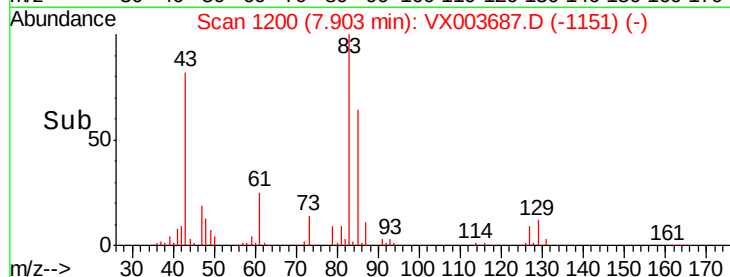
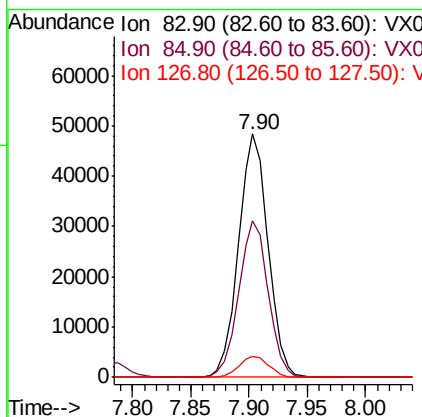
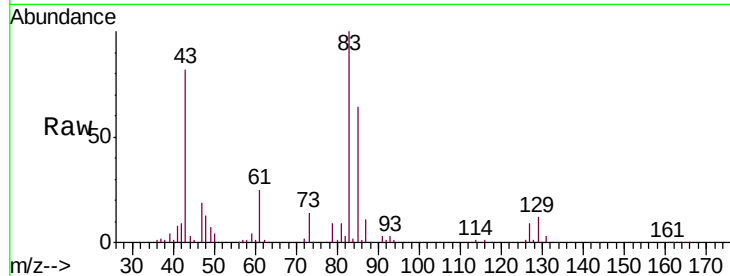
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	85385
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.8	77.6
127	8.7	7.0	10.6

Manual Integrations
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MMDadoda
7/27/2018 5:40:41 PM



#48

Methyl methacrylate

Concen: 53.01 ug/l

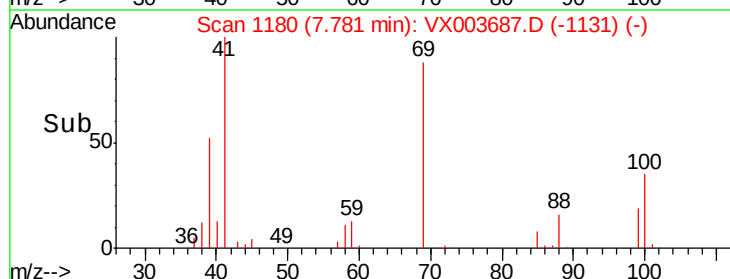
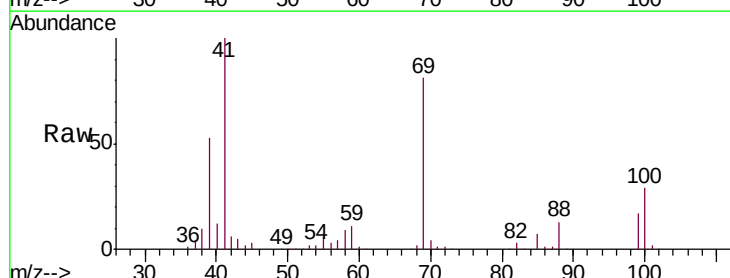
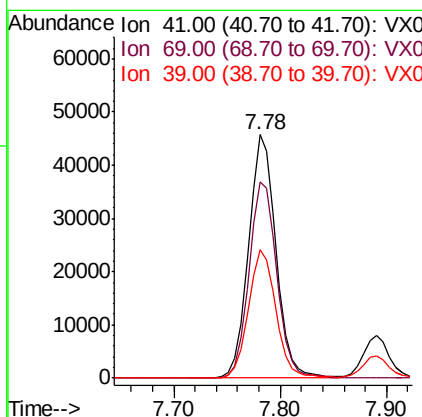
RT: 7.78 min Scan# 1180

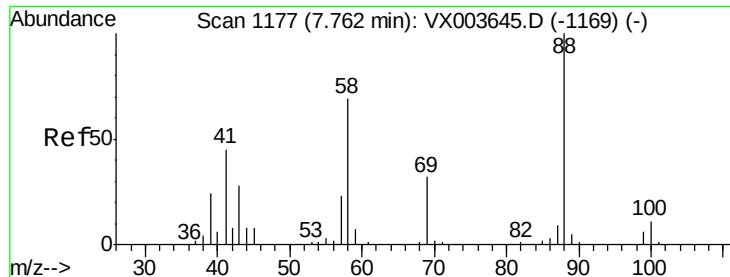
Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Tgt Ion:	41	Resp:	82789
Ion	Ratio	Lower	Upper
41	100		
69	81.8	66.9	100.3
39	53.1	41.2	61.8





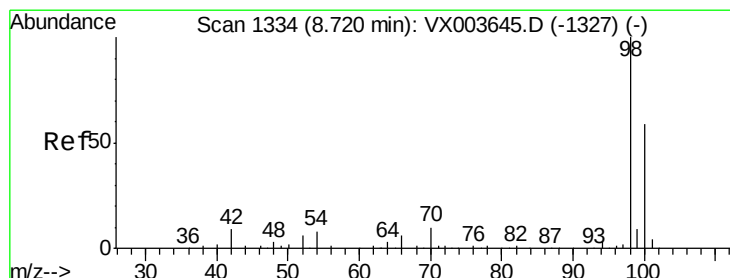
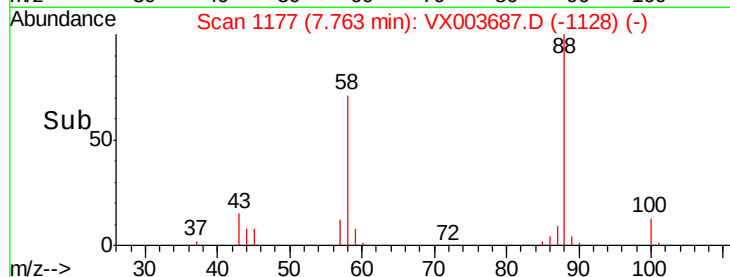
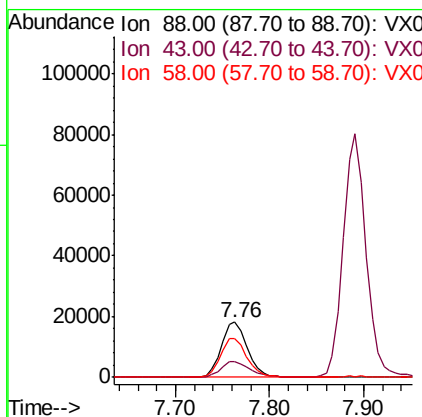
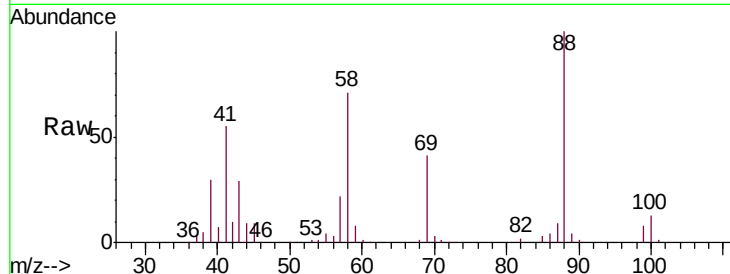
#49
1,4-Dioxane
Concen: 1012.31 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.1	25.8	38.6
58	72.9	58.3	87.5

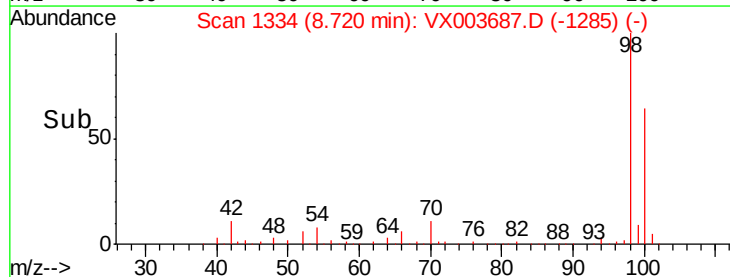
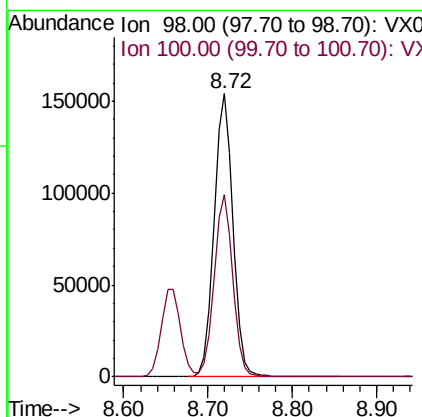
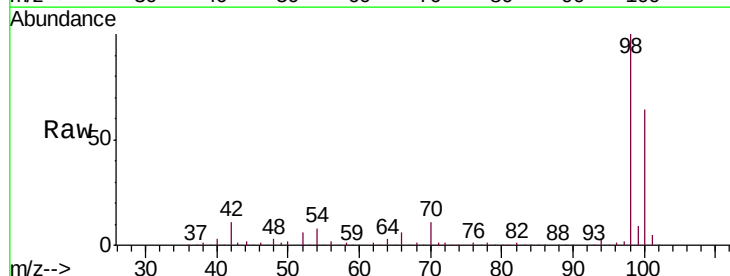
Manual Integrations
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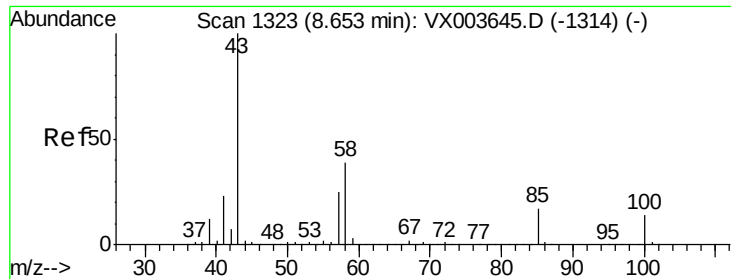
MMDadoda
7/27/2018 5:40:41 PM



#50
Toluene-d8
Concen: 51.10 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 260.62 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 541154

Ion Ratio Lower Upper

43 100

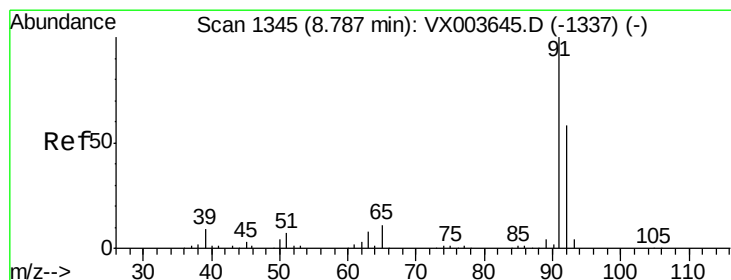
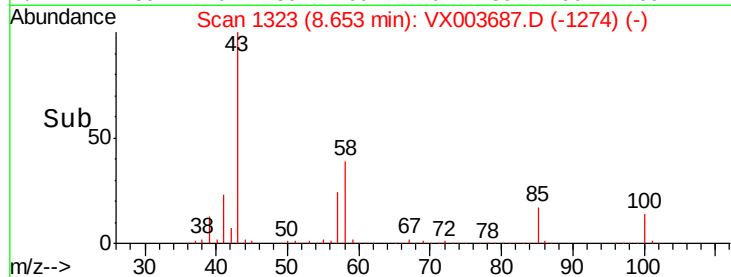
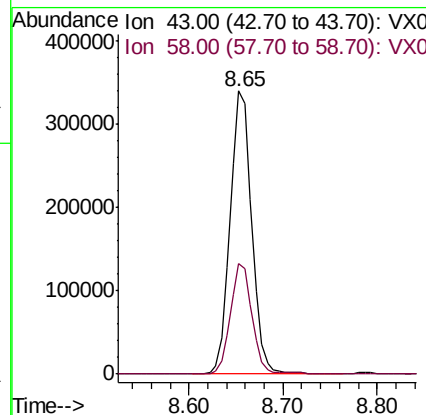
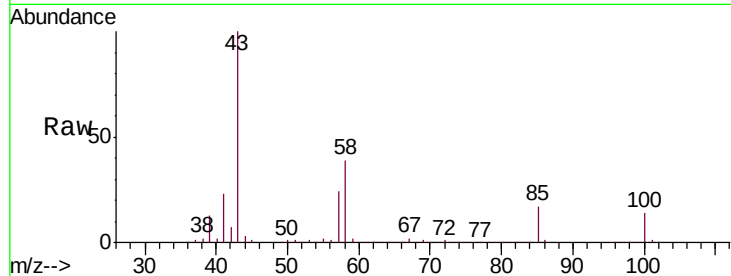
58 38.6 31.5 47.3

Manual Integrations

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#52

Toluene

Concen: 51.11 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003687.D

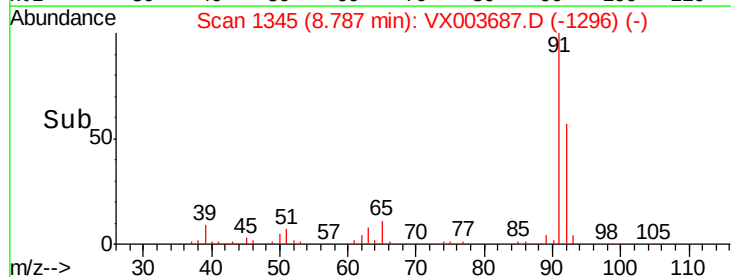
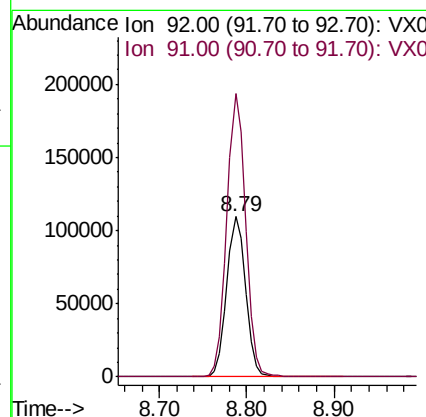
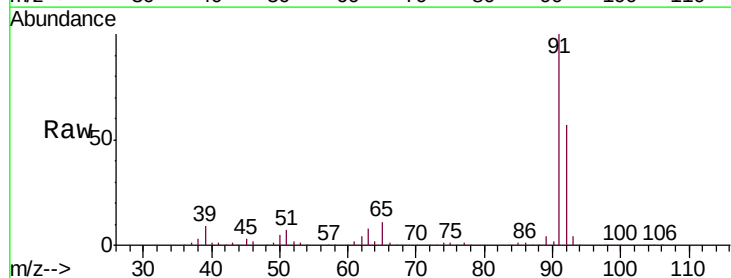
Acq: 26 Jul 2018 23:19

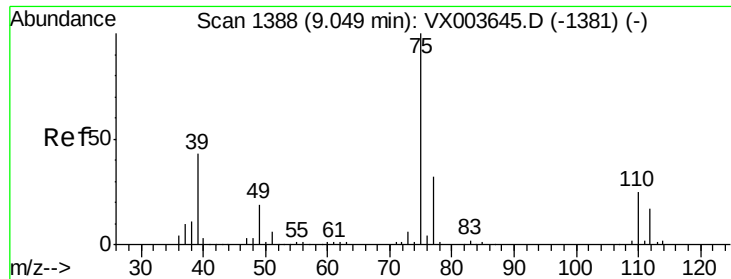
Tgt Ion: 92 Resp: 164928

Ion Ratio Lower Upper

92 100

91 174.8 139.0 208.6





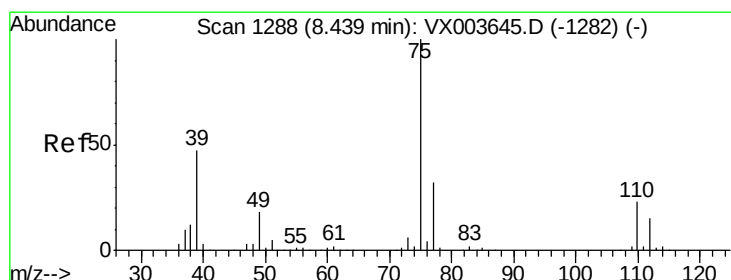
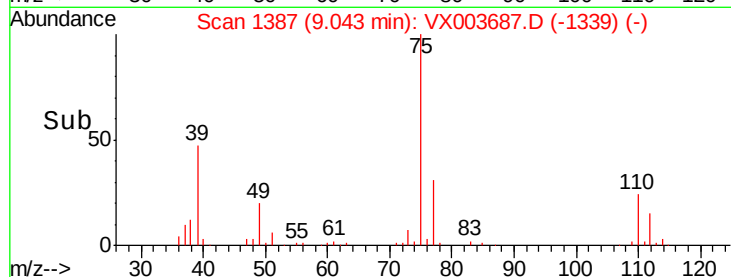
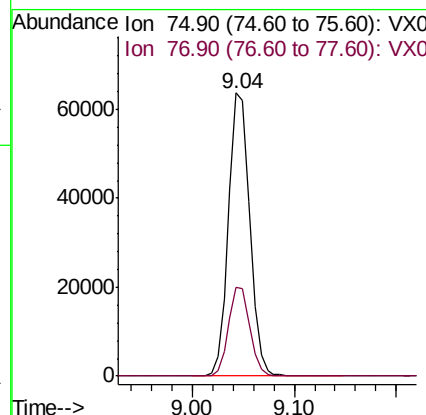
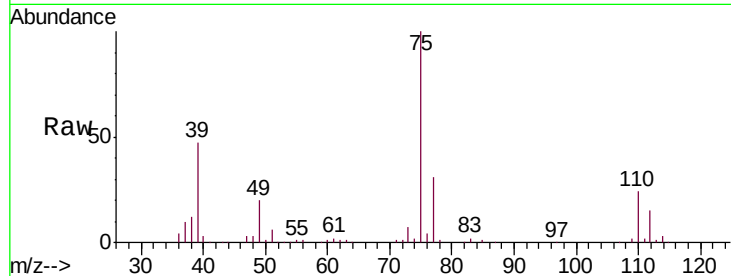
#53
 t-1,3-Dichloropropene
 Concen: 51.66 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: VX003687.D
 Acq: 26 Jul 2018 23:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 75 Resp: 92449
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.8 38.6

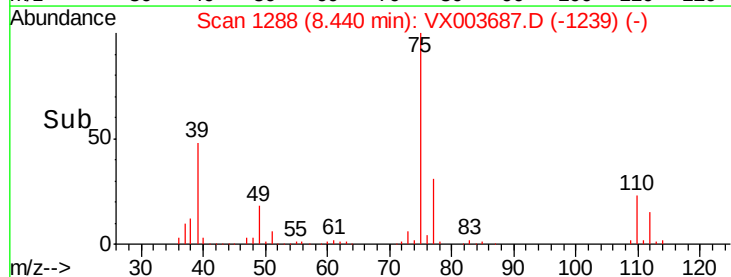
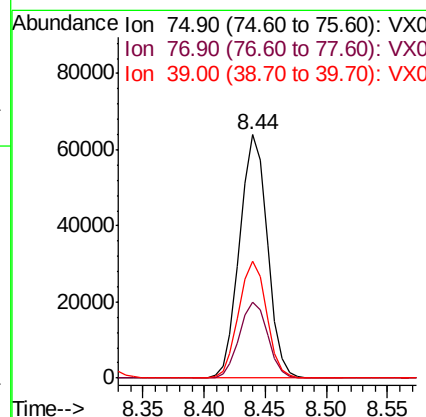
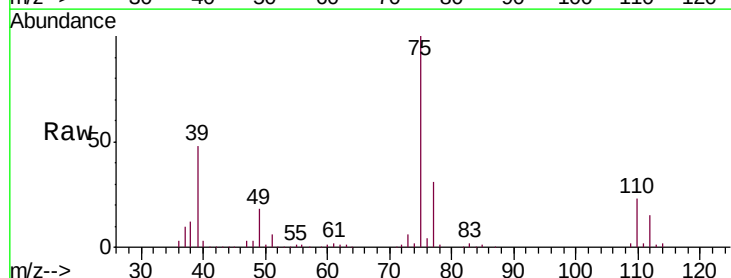
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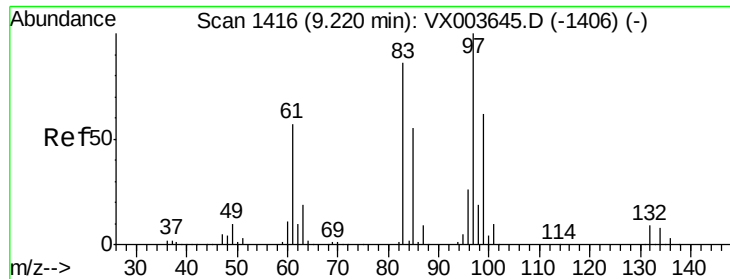
MMDadoda
 7/27/2018 5:40:41 PM



#54
 cis-1,3-Dichloropropene
 Concen: 51.02 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003687.D
 Acq: 26 Jul 2018 23:19

Tgt Ion: 75 Resp: 100477
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.2 37.8
 39 47.9 38.0 57.0





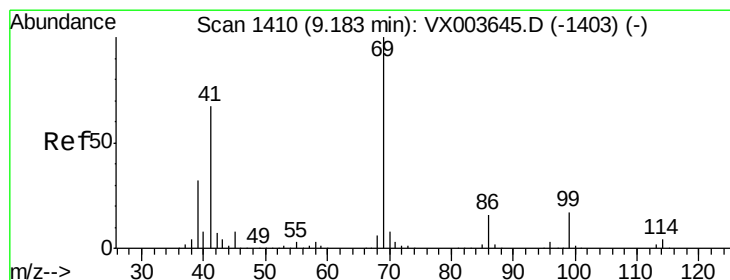
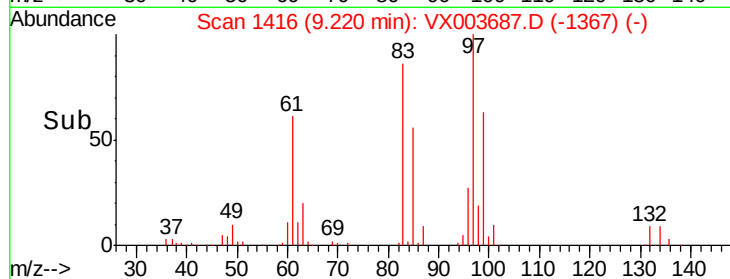
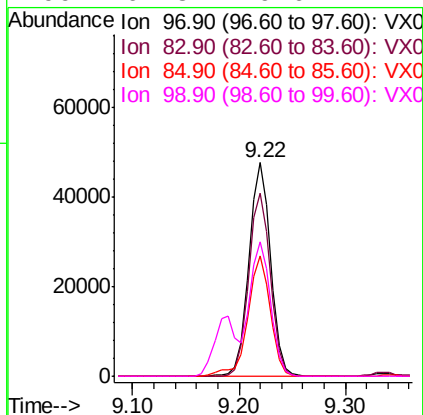
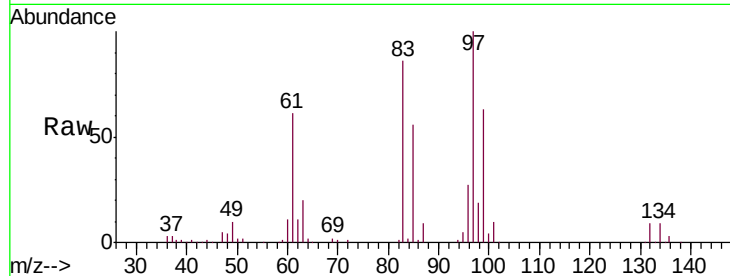
#55
 1,1,2-Trichloroethane
 Concen: 51.63 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003687.D
 Acq: 26 Jul 2018 23:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		68110		
83	85.8	68.7	103.1		
85	56.3	43.7	65.5		
99	62.8	49.6	74.4		

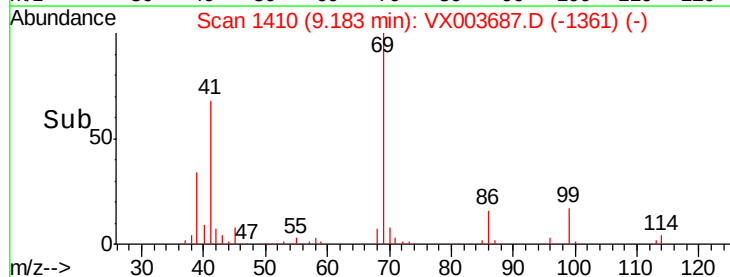
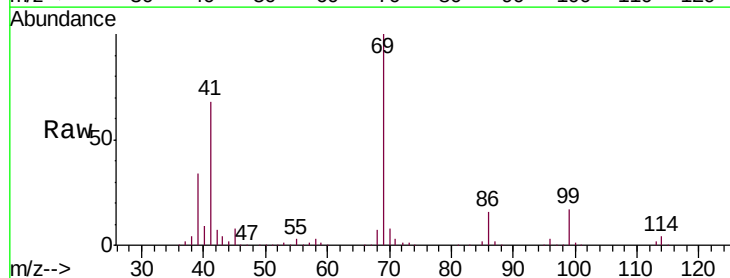
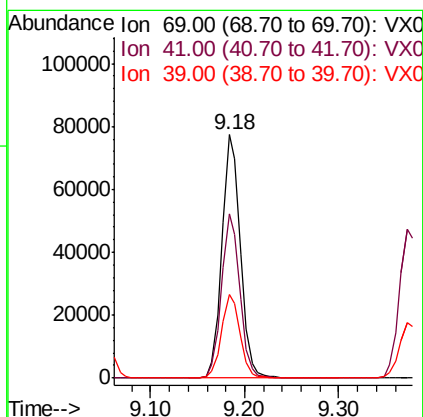
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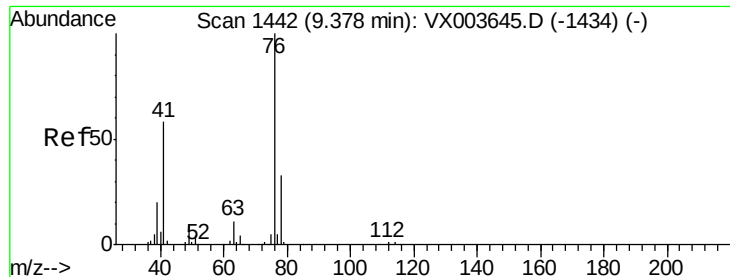
MMDadoda
 7/27/2018 5:40:41 PM



#56
 Ethyl methacrylate
 Concen: 53.40 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003687.D
 Acq: 26 Jul 2018 23:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		104828		
41	67.5	53.8	80.6		
39	34.4	25.8	38.8		





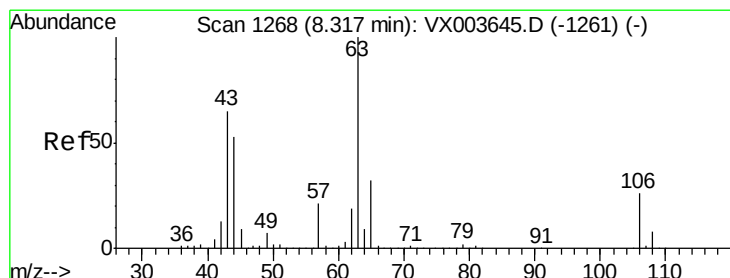
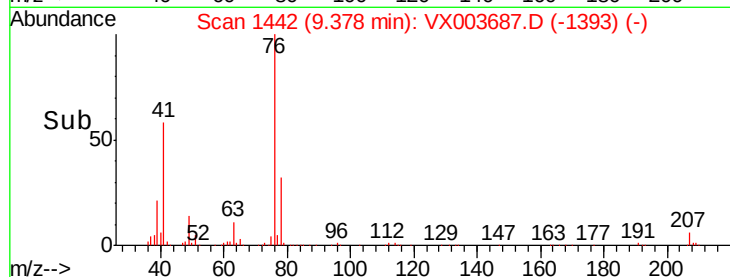
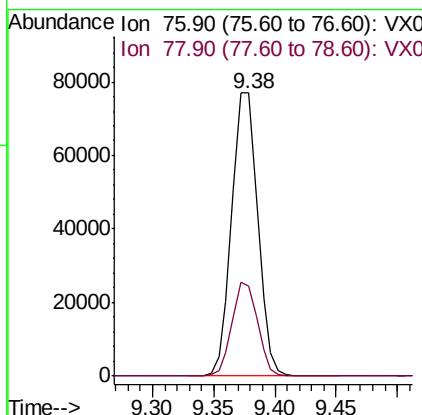
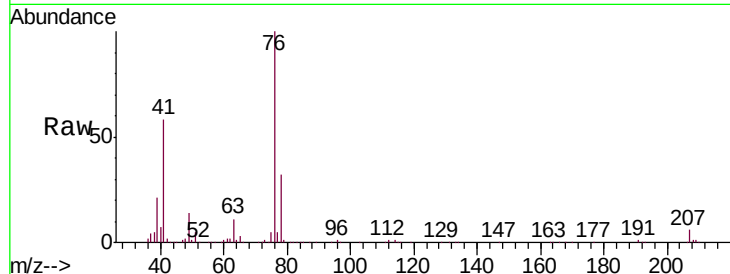
#57
 1,3-Dichloropropane
 Concen: 51.39 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX003687.D
 Acq: 26 Jul 2018 23:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.6	38.4

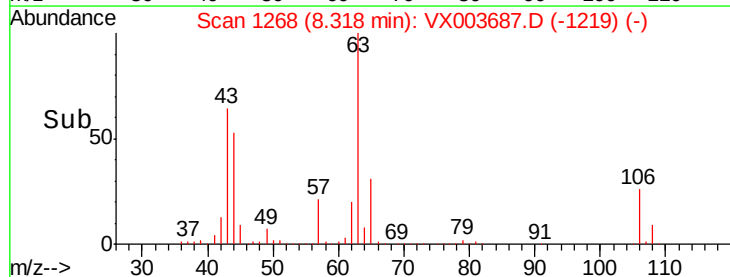
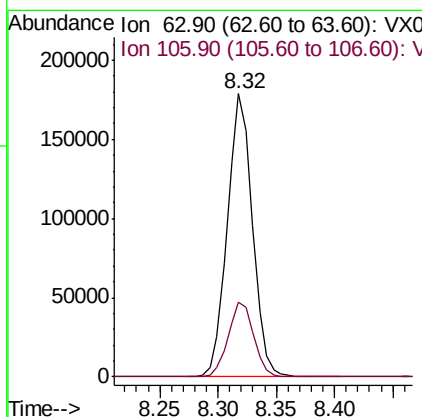
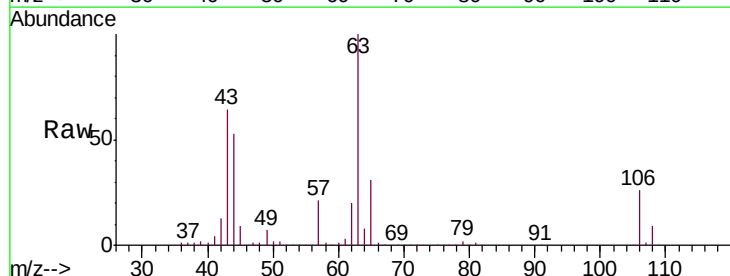
Manual Integrations
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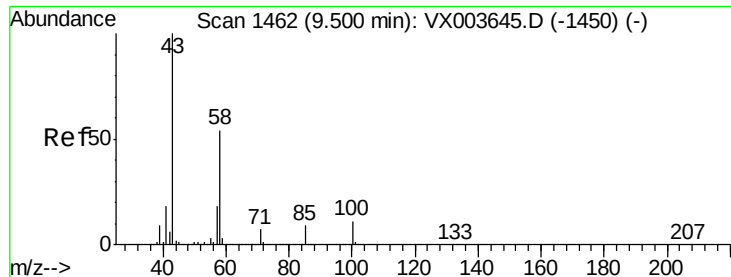
MMDadoda
 7/27/2018 5:40:41 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 271.14 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003687.D
 Acq: 26 Jul 2018 23:19

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.0	21.5	32.3





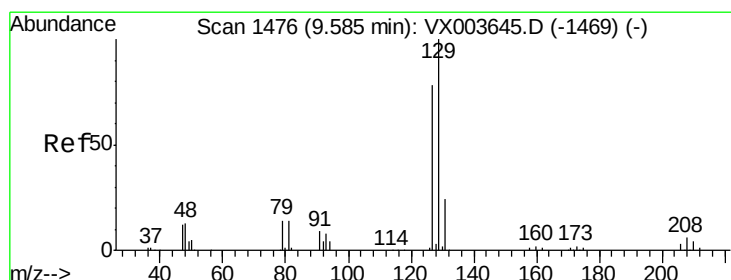
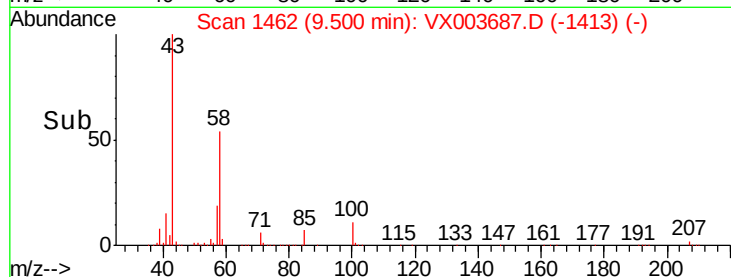
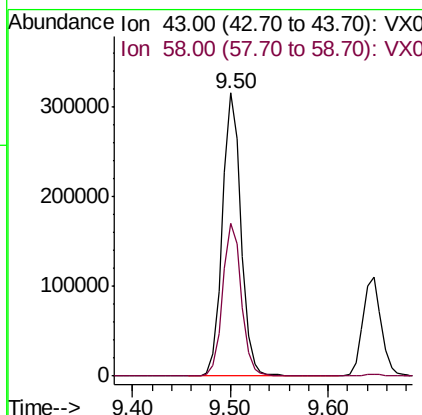
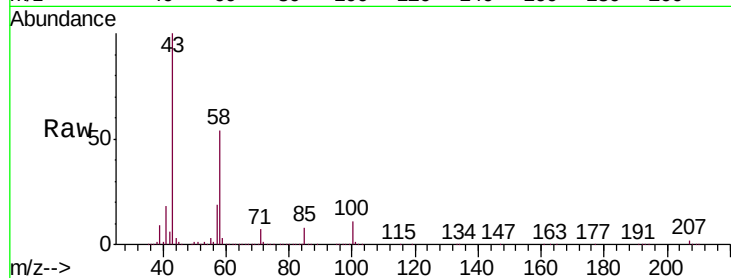
#59
2-Hexanone
Concen: 262.01 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 417328
Ion Ratio Lower Upper
43 100
58 54.3 27.3 81.9

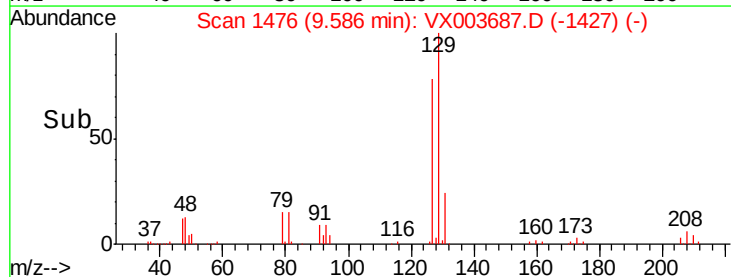
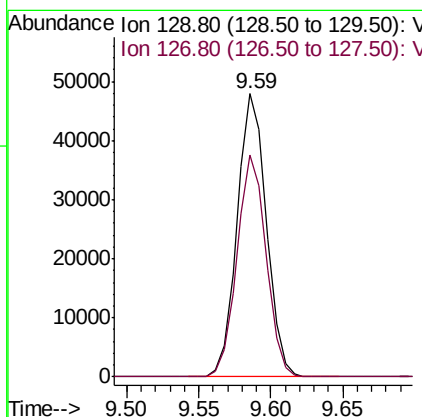
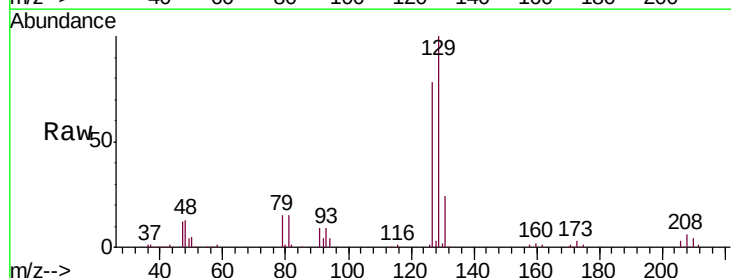
Manual Integrations
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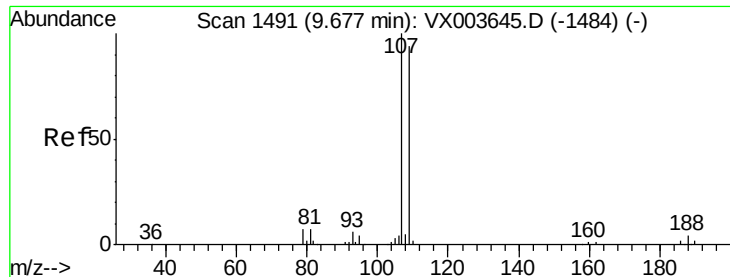
MMDadoda
7/27/2018 5:40:41 PM



#60
Dibromochloromethane
Concen: 54.08 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Tgt Ion: 129 Resp: 67658
Ion Ratio Lower Upper
129 100
127 77.8 38.7 116.1





#61

1,2-Dibromoethane

Concen: 51.30 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 70462

Ion Ratio Lower Upper

107 100

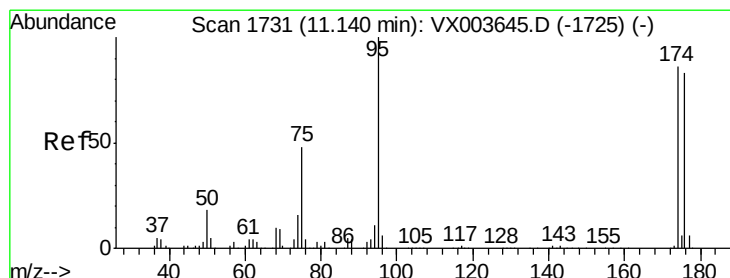
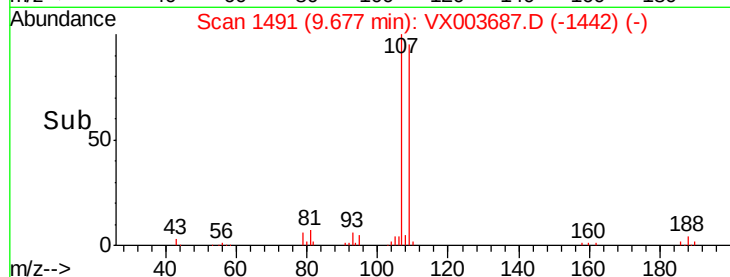
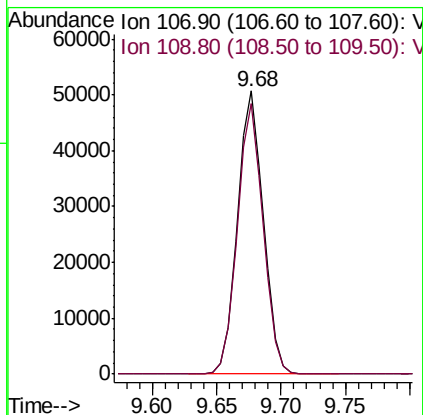
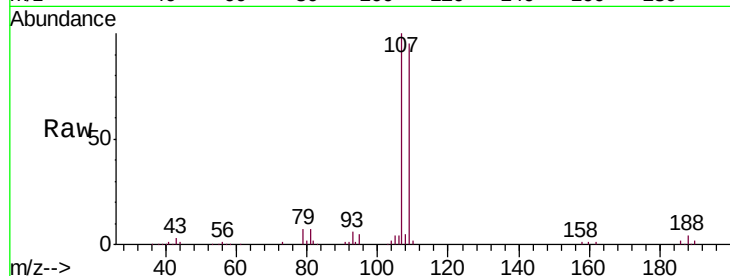
109 95.0 75.4 113.2

Manual Integrations

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7/27/2018 5:40:41 PM



#62

4-Bromofluorobenzene

Concen: 51.77 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

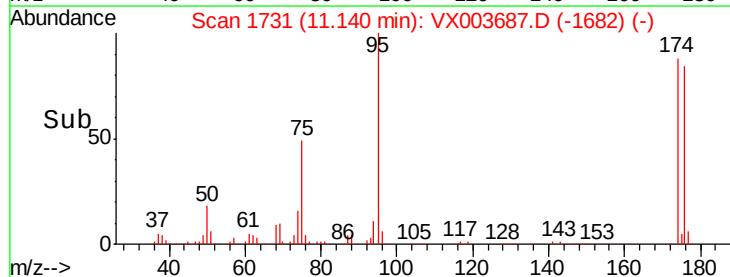
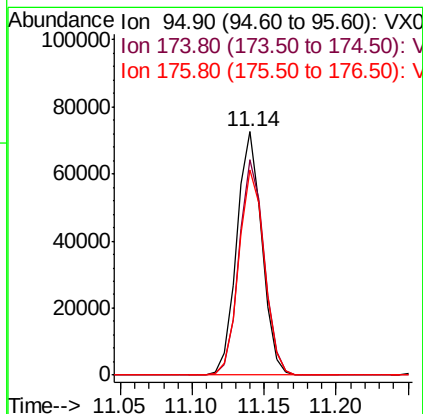
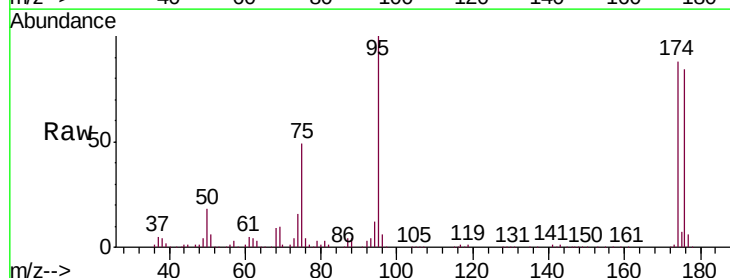
Tgt Ion: 95 Resp: 88420

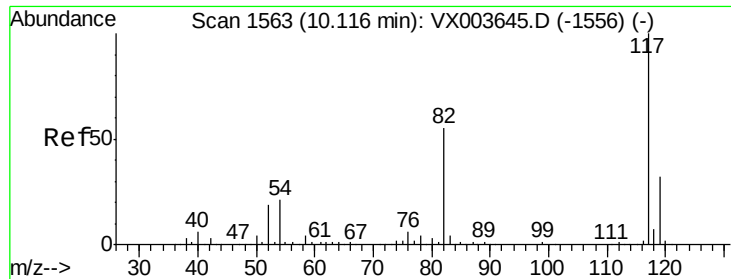
Ion Ratio Lower Upper

95 100

174 88.2 0.0 179.0

176 85.8 0.0 173.0





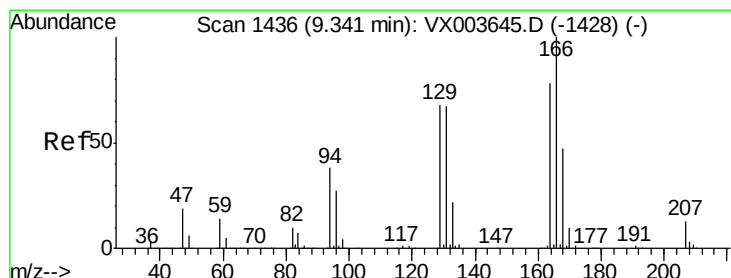
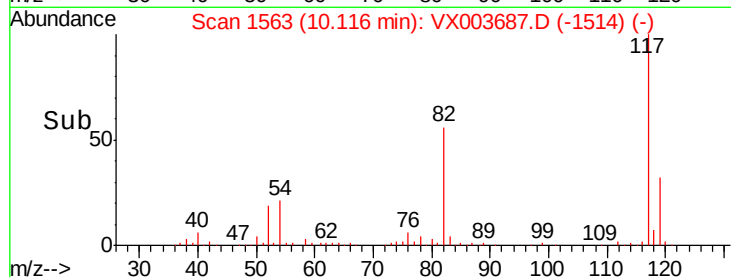
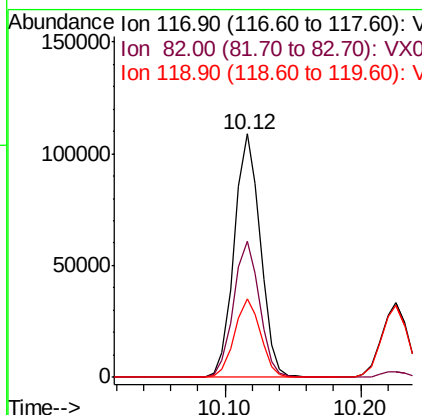
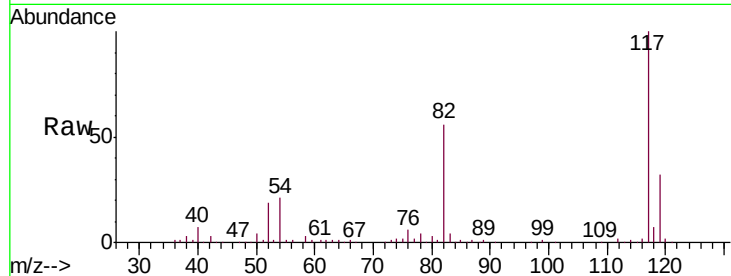
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.3	66.5
119	32.3	25.6	38.4

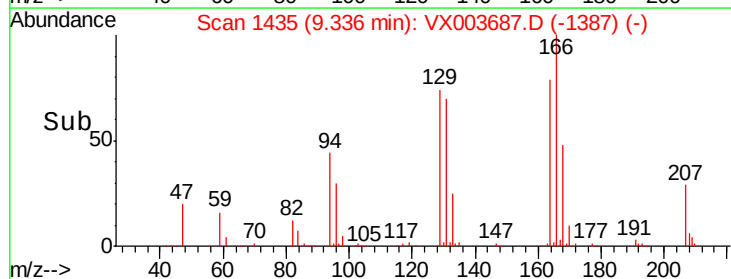
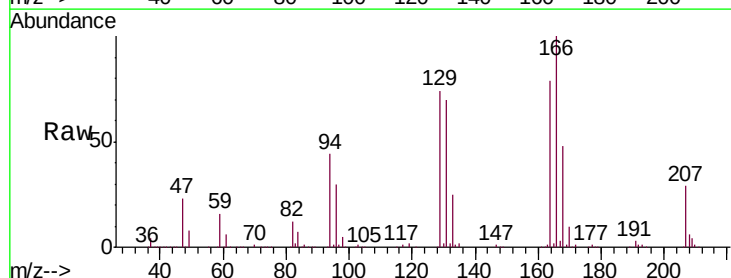
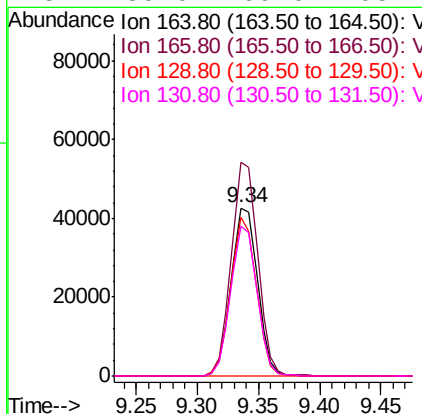
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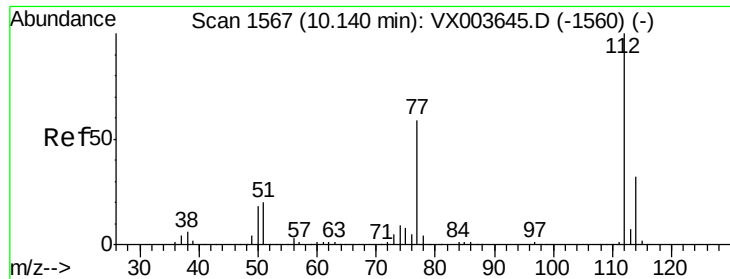
MMDadoda
7/27/2018 5:40:41 PM



#64
Tetrachloroethene
Concen: 47.86 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	102.4	153.6
129	94.3	69.6	104.4
131	89.0	69.0	103.4





#65

Chlorobenzene

Concen: 49.95 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:112 Resp: 182825

Ion Ratio Lower Upper

112 100

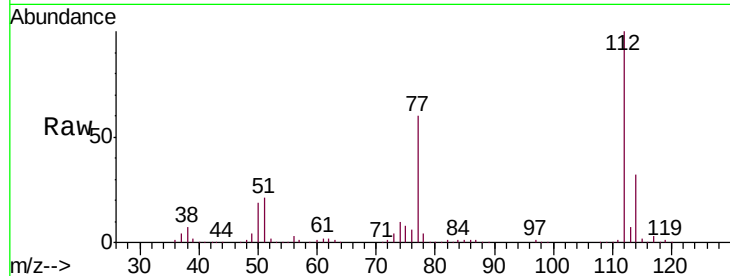
114 32.5 25.8 38.8

Manual Integrations

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

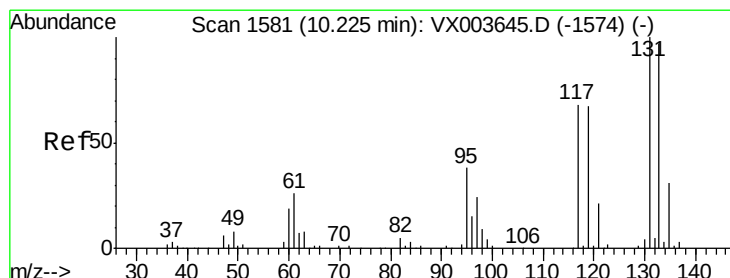
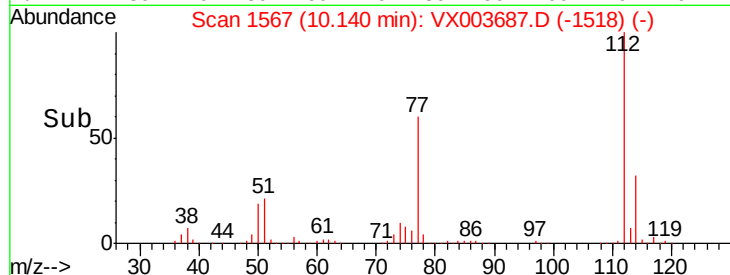
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 51.27 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

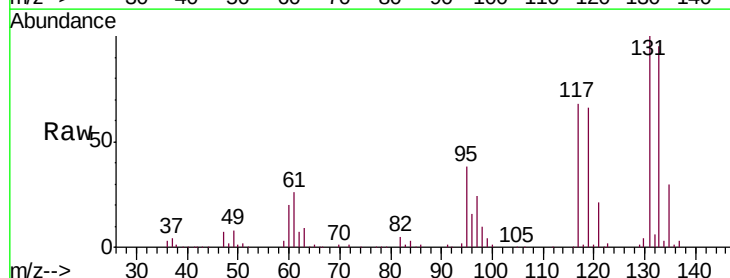
Tgt Ion:131 Resp: 65231

Ion Ratio Lower Upper

131 100

133 96.2 47.6 142.8

119 66.2 32.8 98.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.23

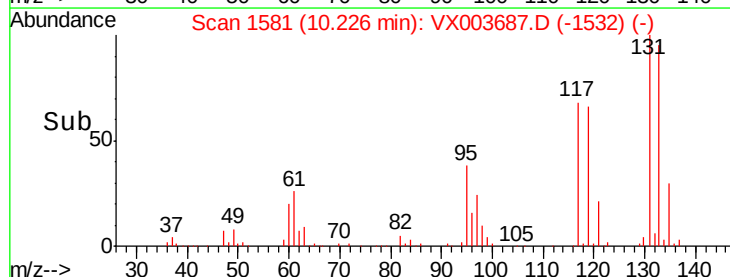
60000

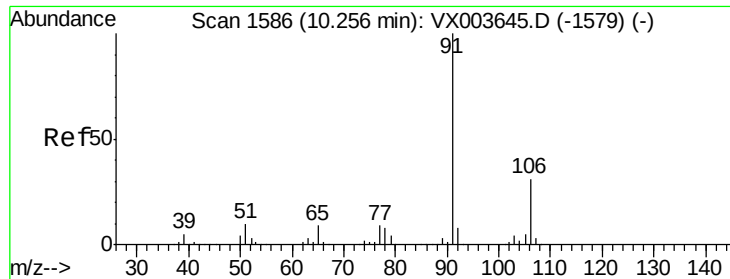
40000

20000

0

Time-->





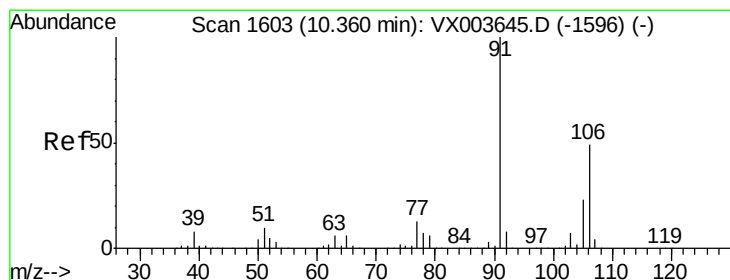
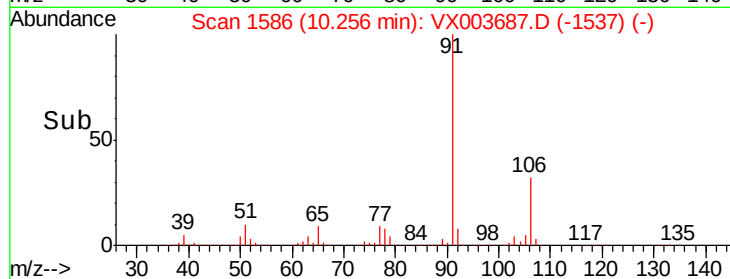
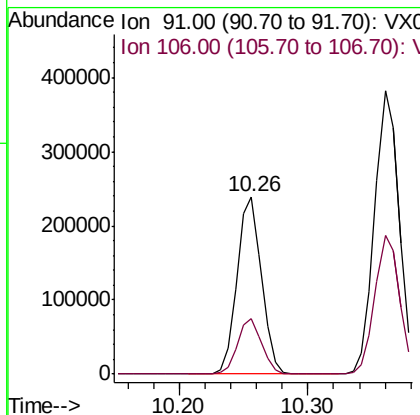
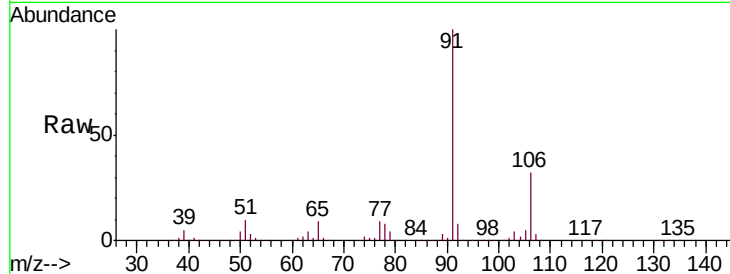
#67
Ethyl Benzene
Concen: 51.53 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 315690
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.6

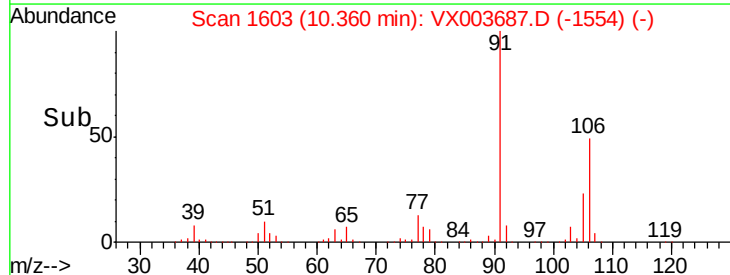
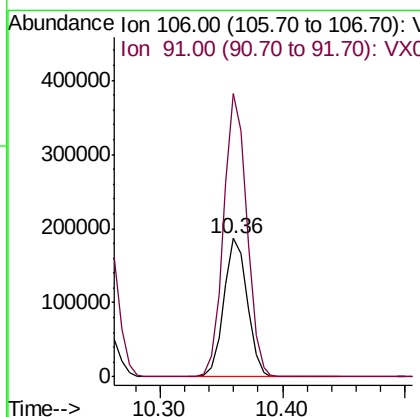
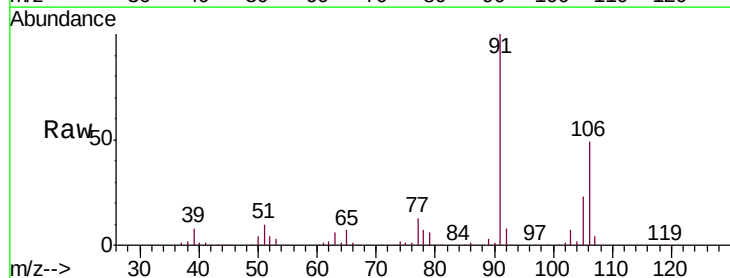
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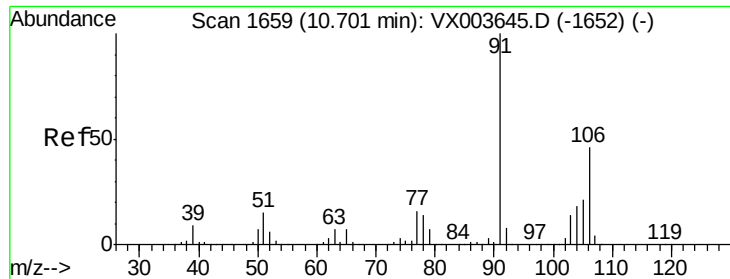
MMDadoda
7/27/2018 5:40:41 PM



#68
m/p-Xylenes
Concen: 105.03 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Tgt Ion: 106 Resp: 246847
Ion Ratio Lower Upper
106 100
91 203.0 162.2 243.2





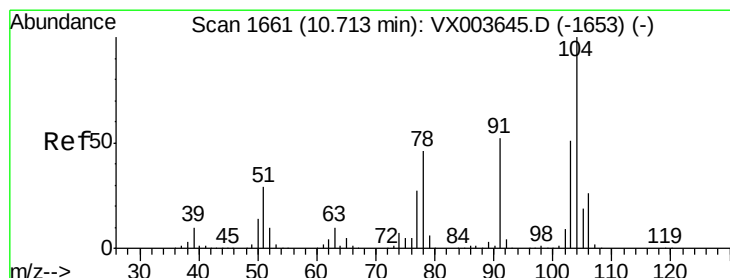
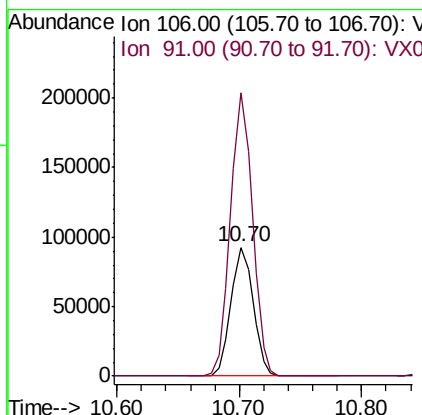
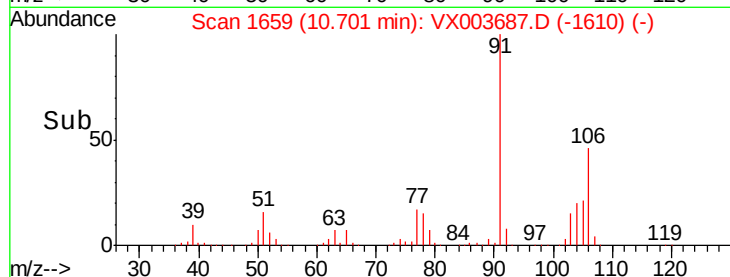
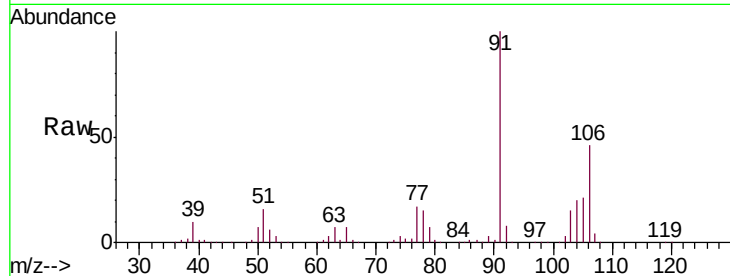
#69
o-Xylene
Concen: 51.73 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 117056
Ion Ratio Lower Upper
106 100
91 217.5 107.1 321.1

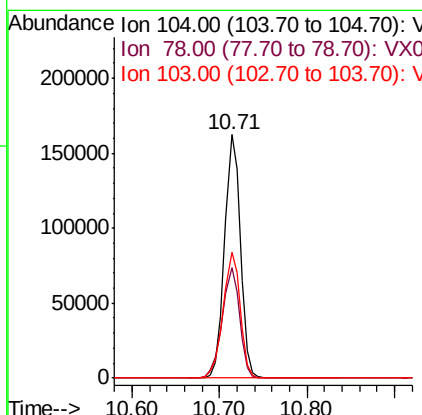
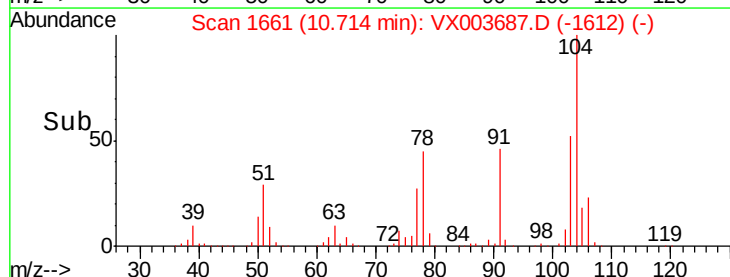
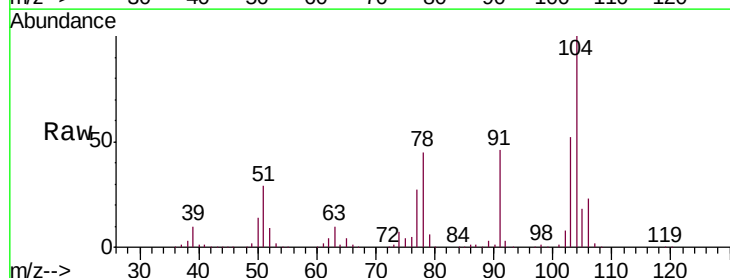
Manual Integrations
APPROVED

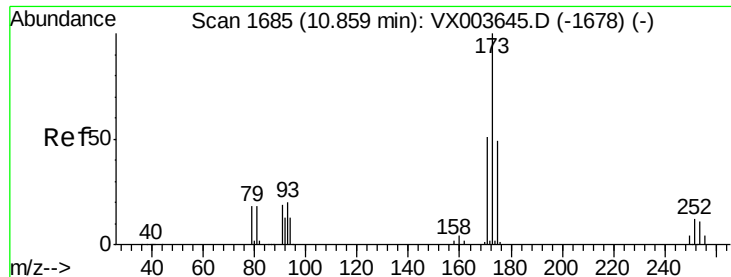
MMDadoda
7/27/2018 5:40:41 PM



#70
Styrene
Concen: 53.24 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Tgt Ion:104 Resp: 202337
Ion Ratio Lower Upper
104 100
78 49.7 39.2 58.8
103 55.6 44.2 66.4





#71

Bromoform

Concen: 52.46 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 52786

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.2

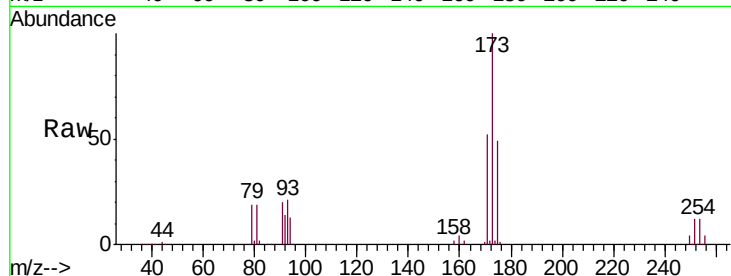
254 0.1 0.0 0.0#

Manual Integrations

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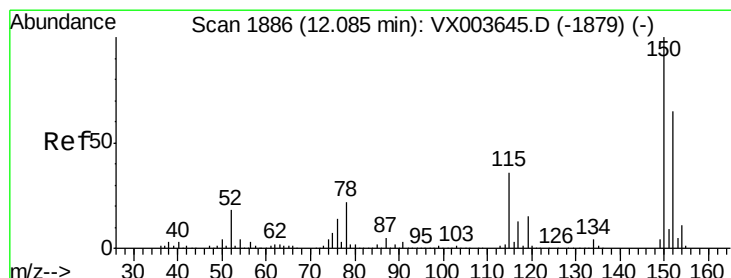
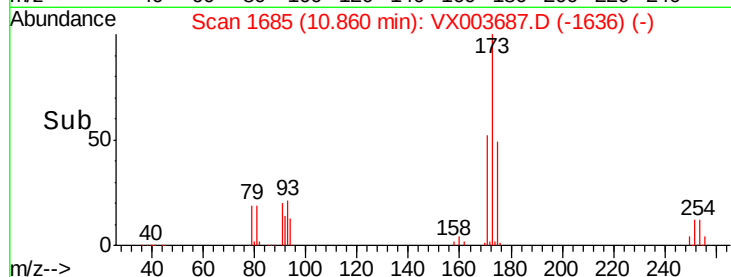
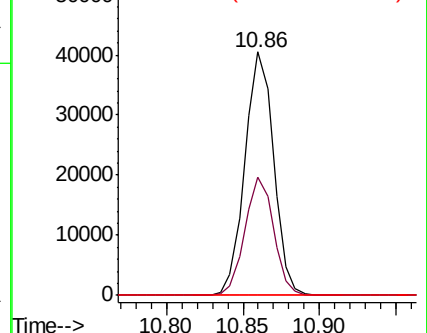
7/27/2018 5:40:41 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

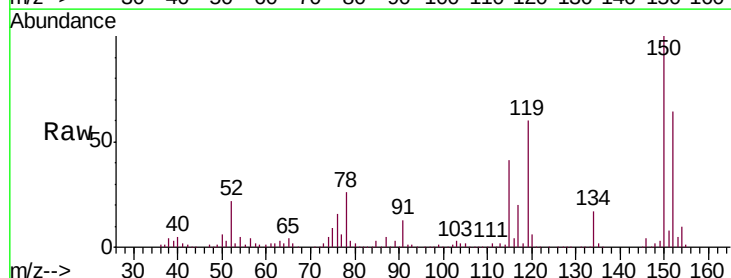
Tgt Ion:152 Resp: 89802

Ion Ratio Lower Upper

152 100

115 80.8 40.0 119.9

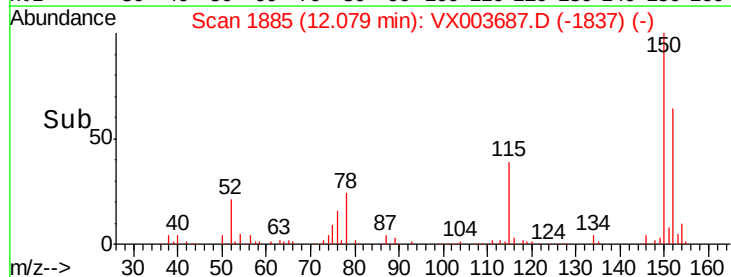
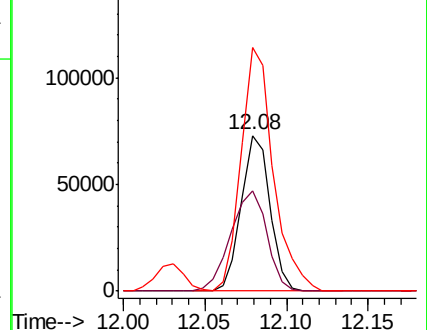
150 175.0 0.0 348.4

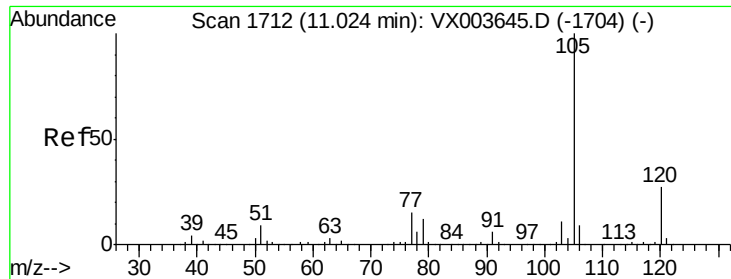


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.17 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 320080

Ion Ratio Lower Upper

105 100

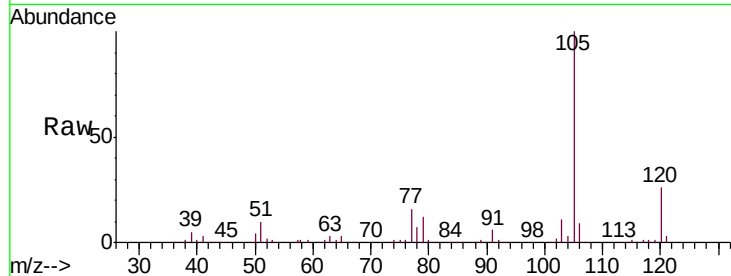
120 26.4 13.5 40.5

Manual Integrations

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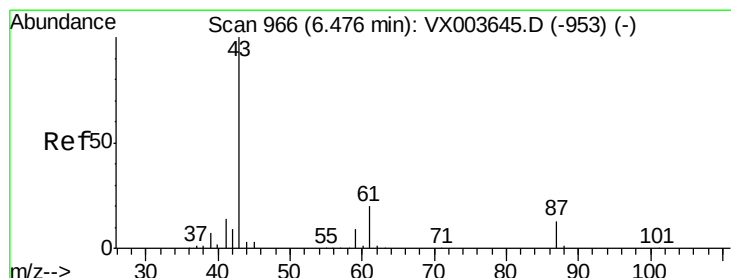
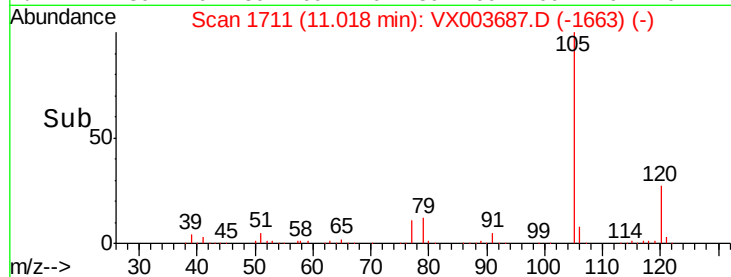
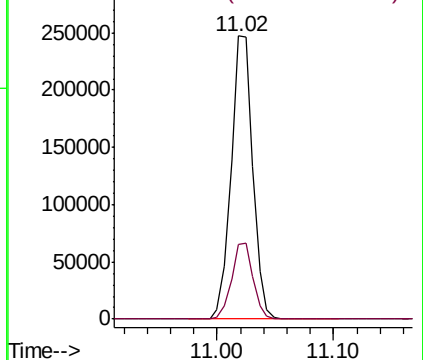
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.15 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Tgt Ion: 43 Resp: 157279

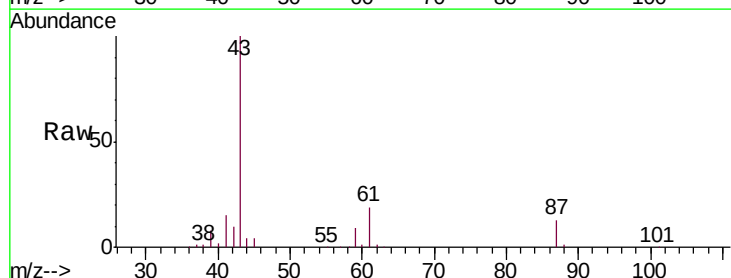
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 19.8 15.9 23.9

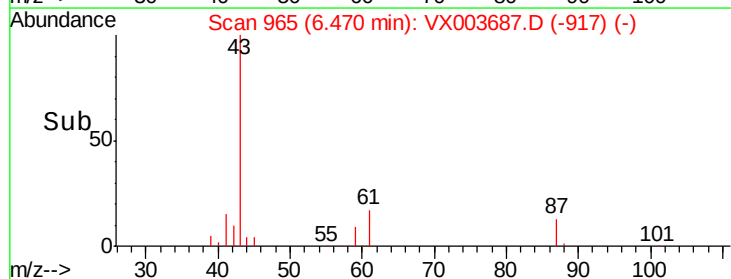
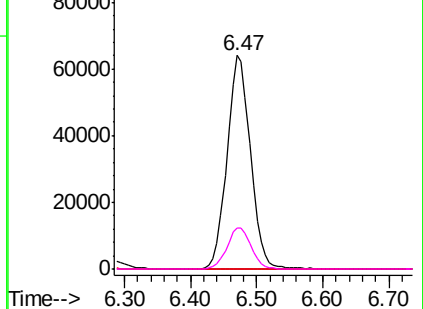


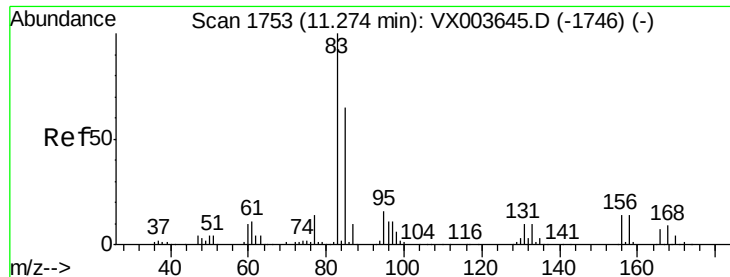
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.00 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

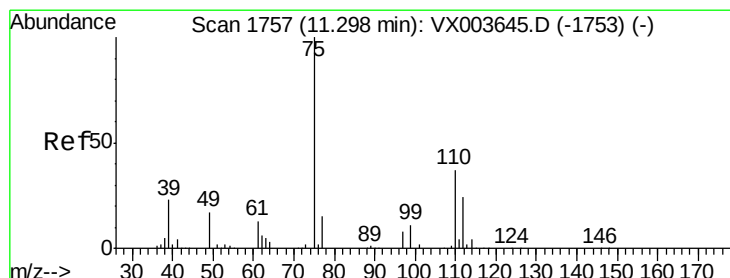
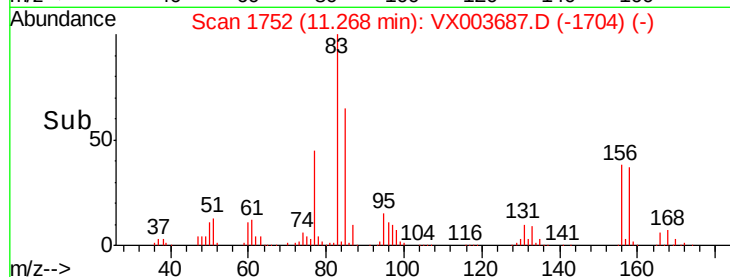
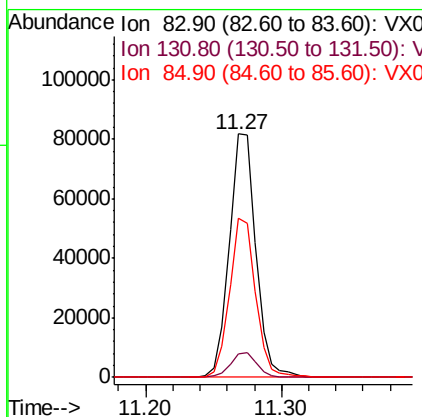
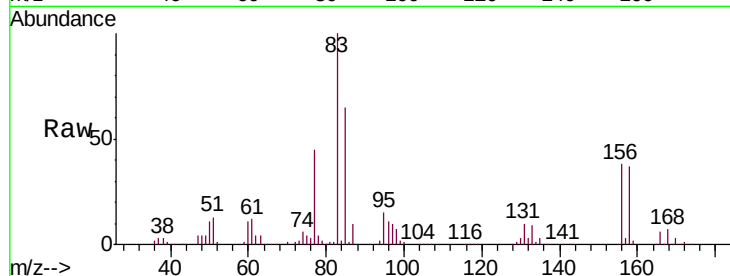
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	111023
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.4
85	64.2	31.9	95.9

Manual Integrations
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7/27/2018 5:40:41 PM



#76

1,2,3-Trichloropropane

Concen: 50.94 ug/l m

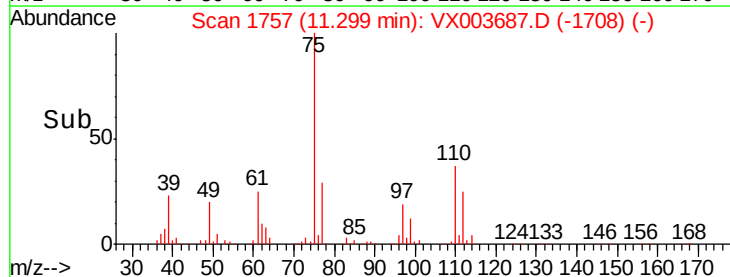
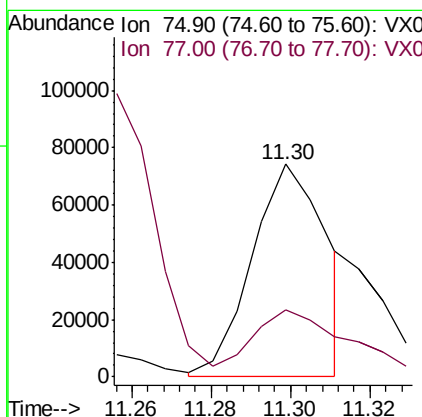
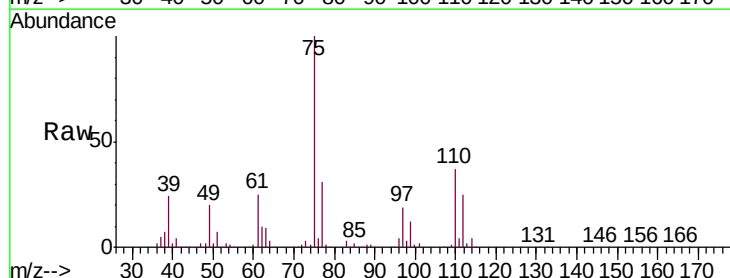
RT: 11.30 min Scan# 1757

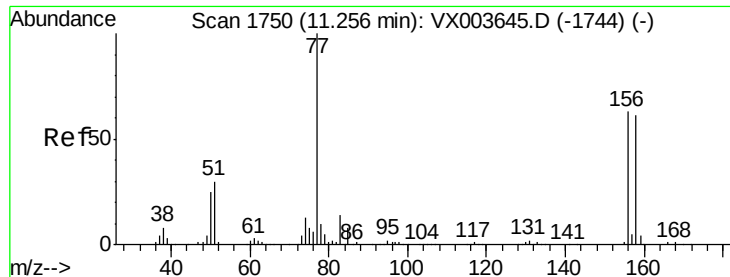
Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Tgt Ion:	75	Resp:	95943
Ion Ratio	Lower	Upper	
75	100		
77	41.5	21.6	64.6





#77

Bromobenzene

Concen: 49.54 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:156 Resp: 82558

Ion Ratio Lower Upper

156 100

77 152.3 74.9 224.6

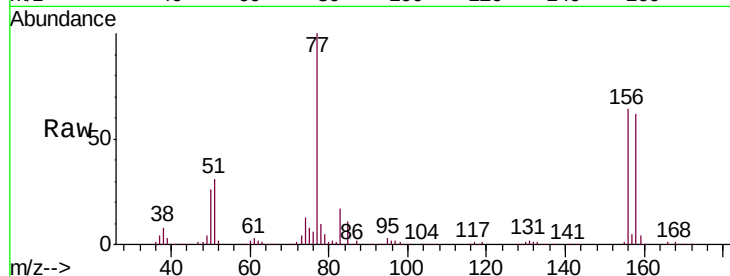
158 97.8 48.4 145.2

Manual Integrations

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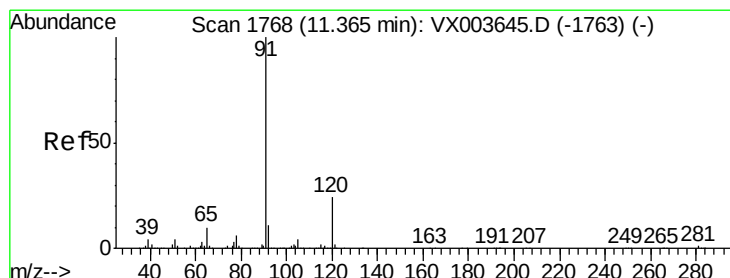
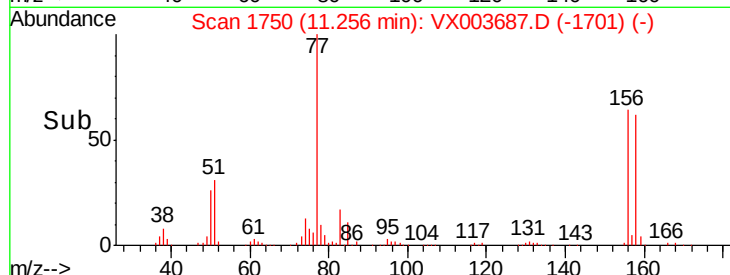
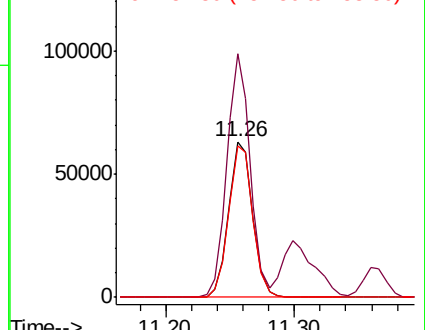
7/27/2018 5:40:41 PM



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: 53.18 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003687.D

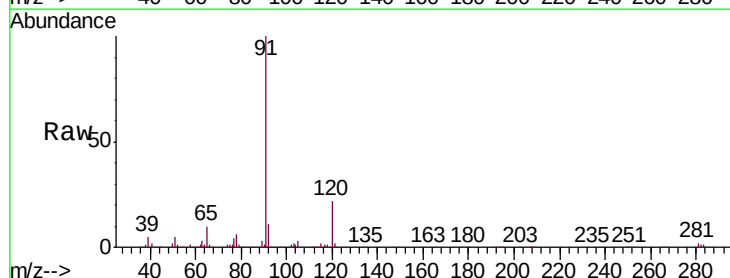
Acq: 26 Jul 2018 23:19

Tgt Ion: 91 Resp: 376742

Ion Ratio Lower Upper

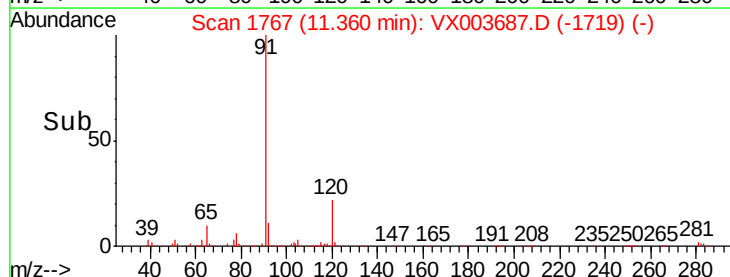
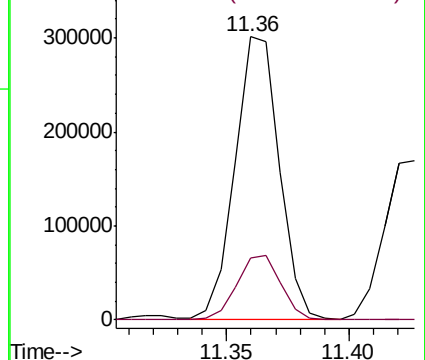
91 100

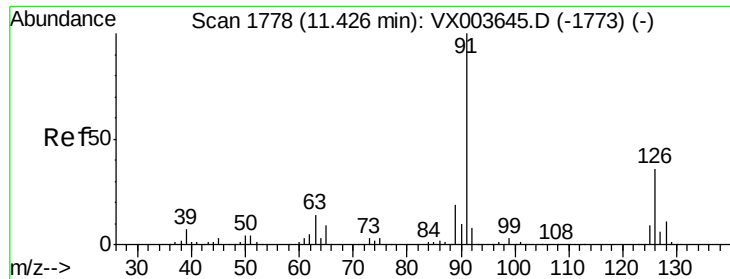
120 23.0 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.29 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 220875

Ion Ratio Lower Upper

91 100

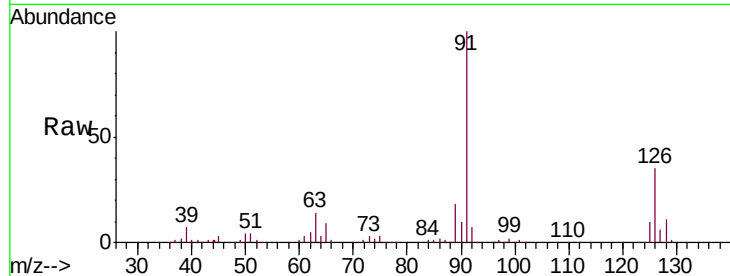
126 34.5 17.3 52.0

Manual Integrations

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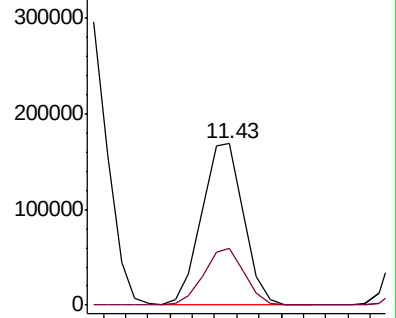
MMDadoda

7/27/2018 5:40:41 PM

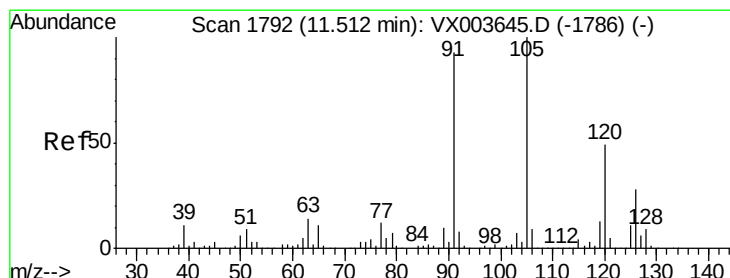
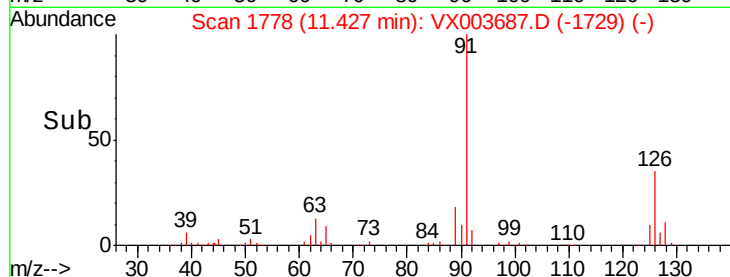


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 53.14 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003687.D

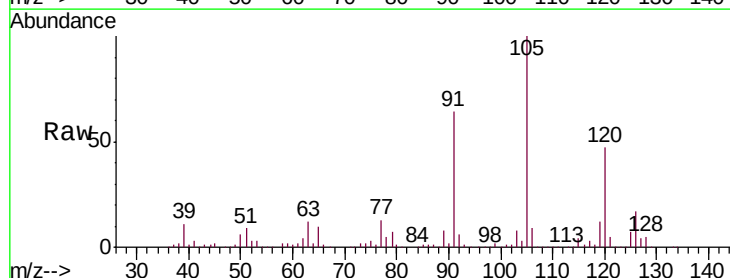
Acq: 26 Jul 2018 23:19

Tgt Ion:105 Resp: 275822

Ion Ratio Lower Upper

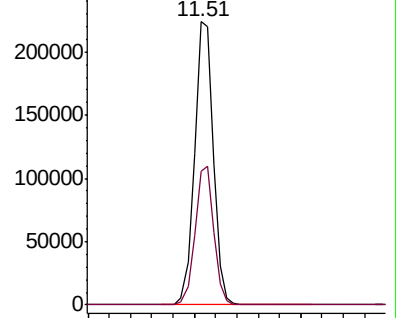
105 100

120 48.5 24.4 73.4

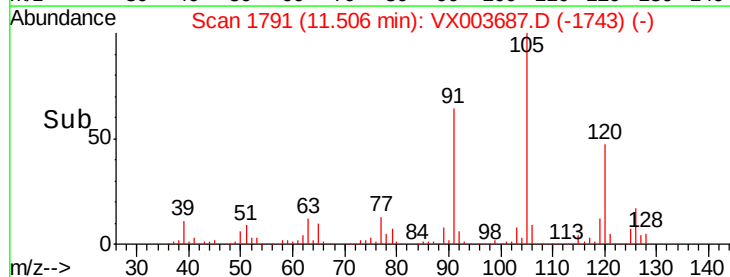


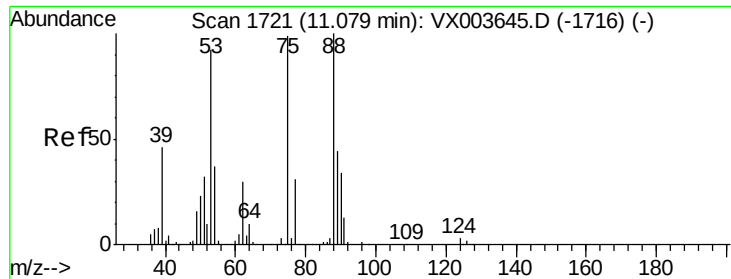
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





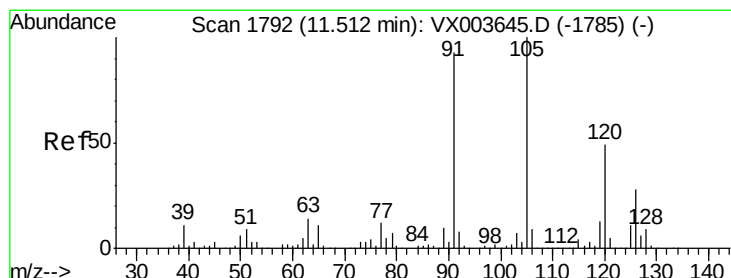
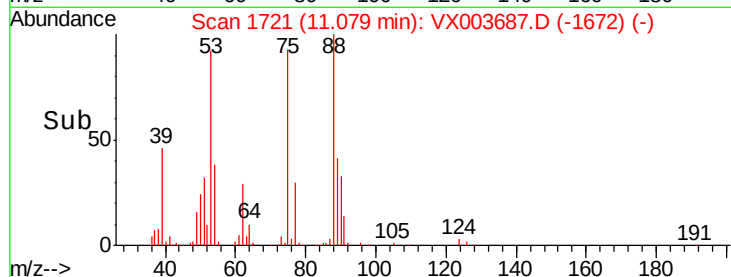
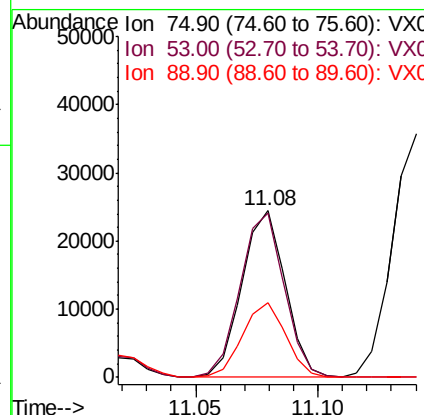
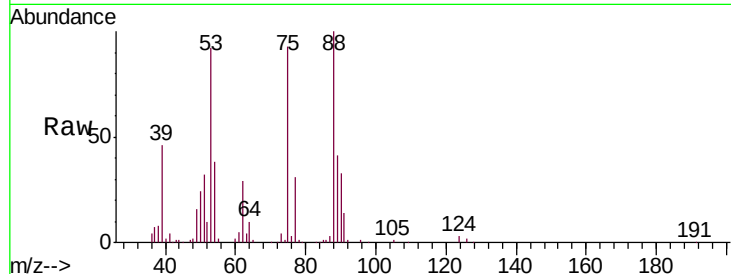
#81
trans-1,4-Dichloro-2-butene
Concen: 49.38 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.5	77.8	116.8
89	45.0	36.6	54.8

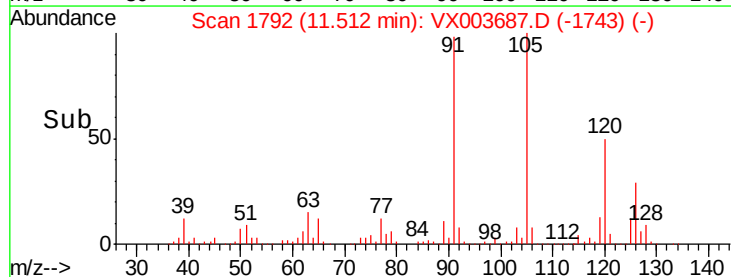
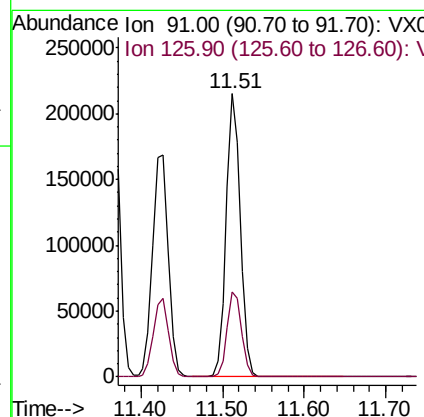
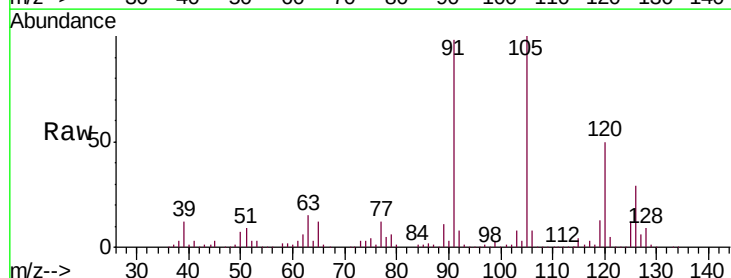
Manual Integrations
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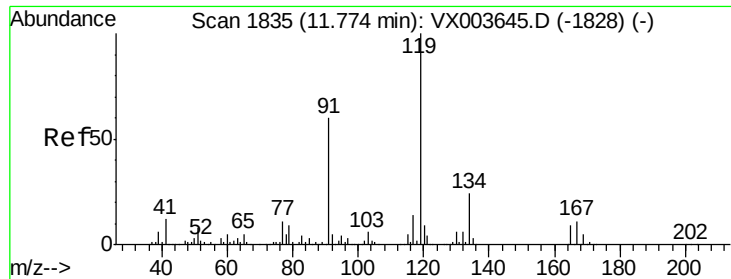
MMDadoda
7/27/2018 5:40:41 PM



#82
4-Chlorotoluene
Concen: 51.68 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.4	46.1





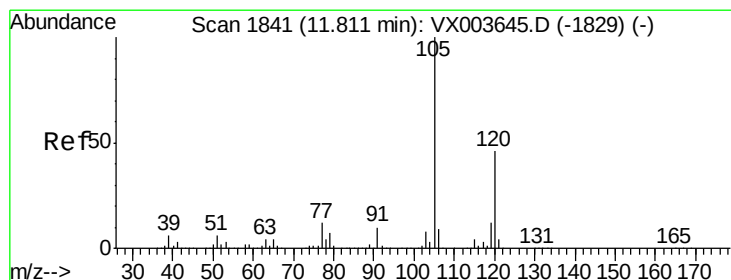
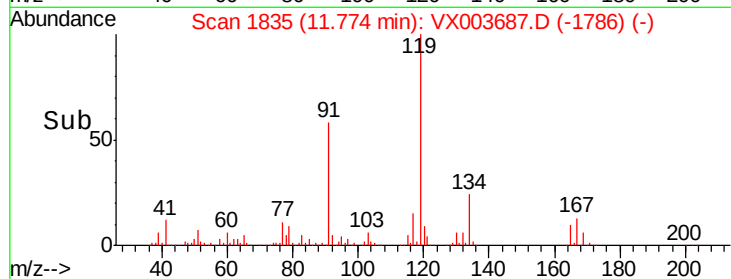
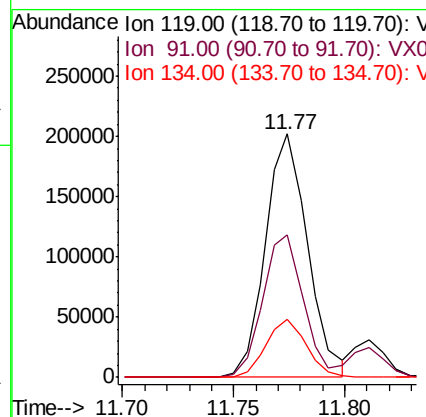
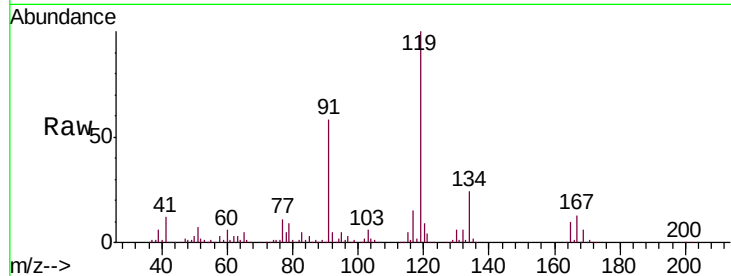
#83
 tert-Butylbenzene
 Concen: 52.45 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003687.D
 Acq: 26 Jul 2018 23:19

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	266405		
91	55.9	28.4	85.2	
134	22.8	11.6	34.8	

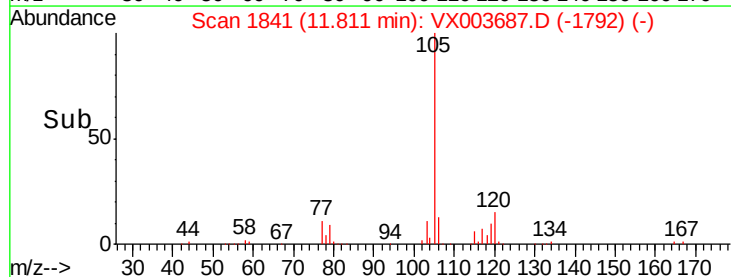
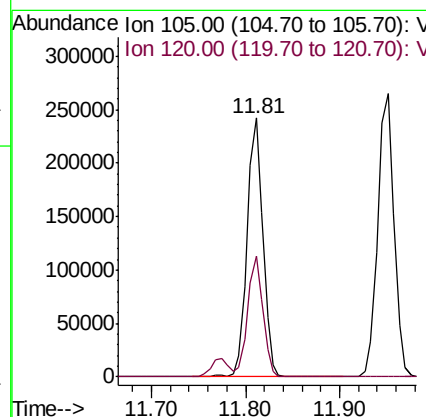
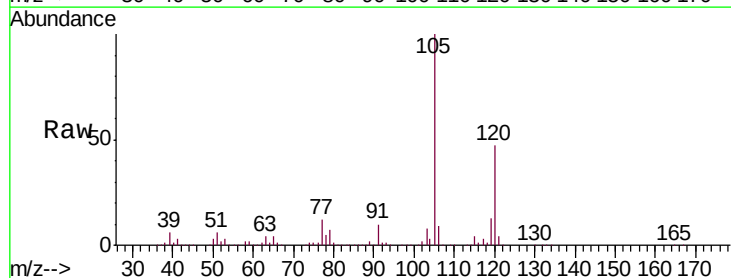
Manual Integrations
 APPROVED

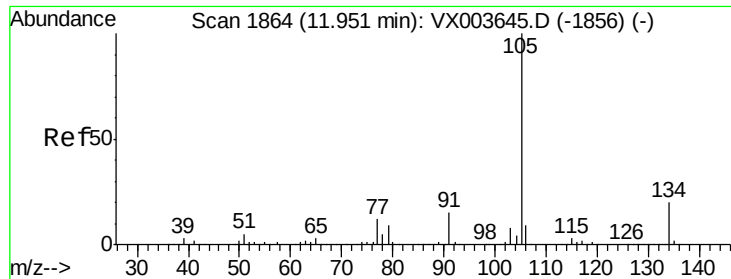
MMDadoda
 7/27/2018 5:40:41 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 53.16 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003687.D
 Acq: 26 Jul 2018 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	283636		
120	45.2	22.6	67.8	





#85

sec-Butylbenzene

Concen: 52.59 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 318842

Ion Ratio Lower Upper

105 100

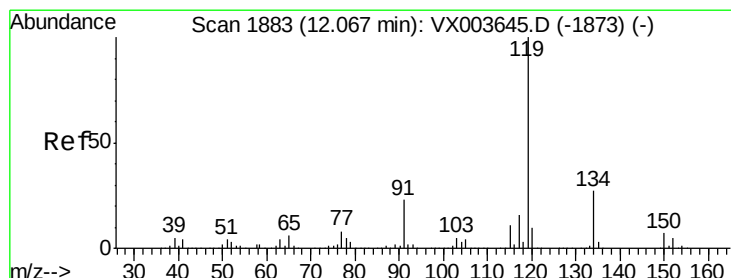
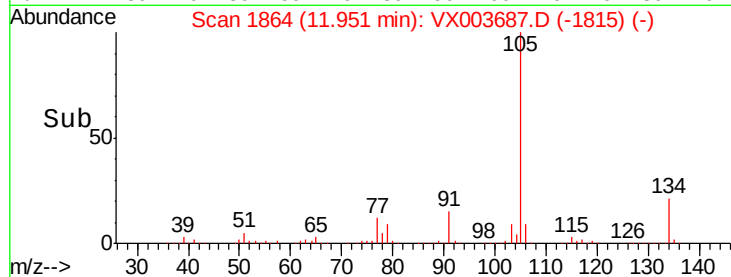
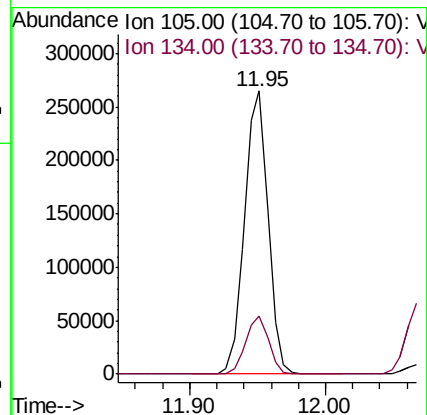
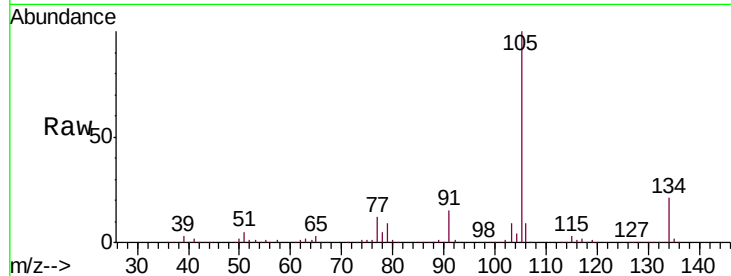
134 20.1 10.1 30.1

Manual Integrations

APPROVED

MMDadoda

7/27/2018 5:40:41 PM



#86

p-Isopropyltoluene

Concen: 52.85 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

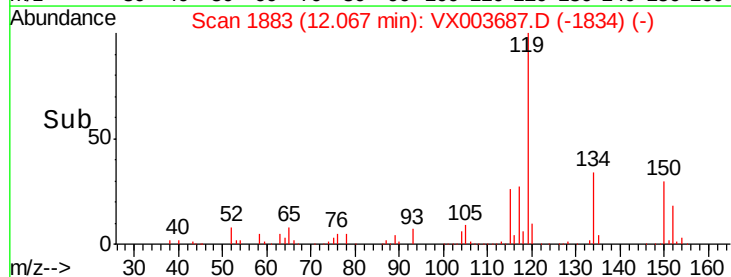
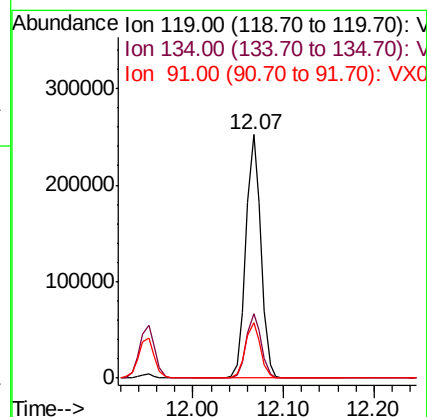
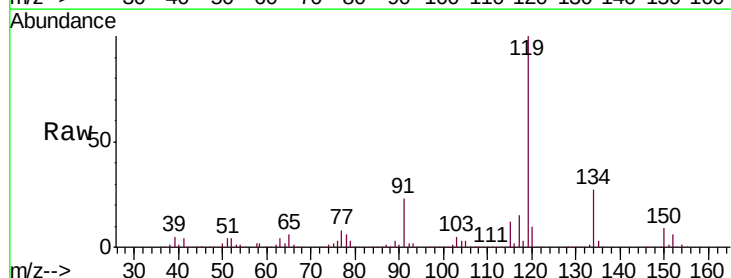
Tgt Ion:119 Resp: 287588

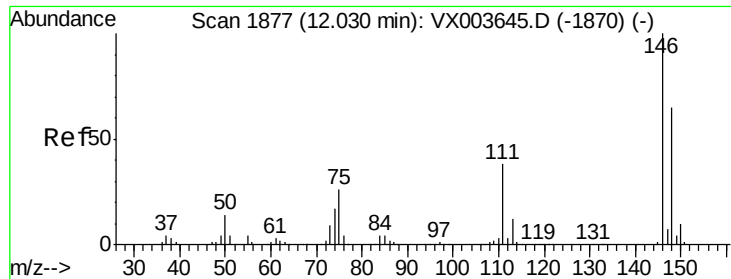
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

91 23.2 11.5 34.5





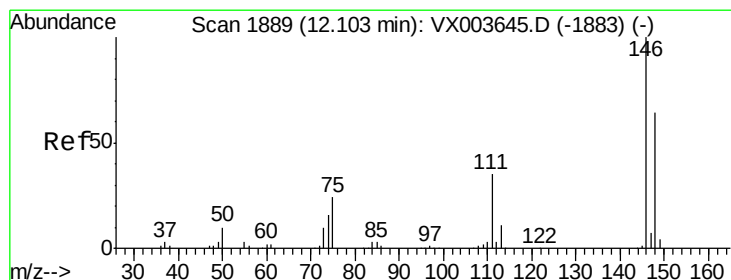
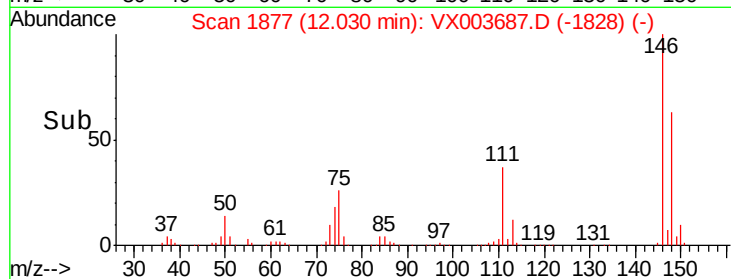
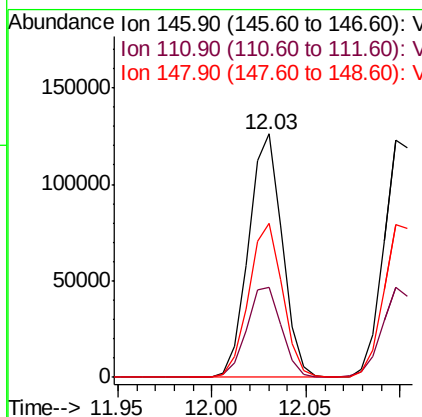
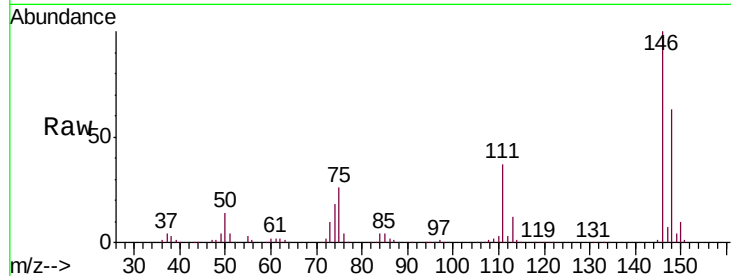
#87
 1,3-Dichlorobenzene
 Concen: 50.27 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003687.D
 Acq: 26 Jul 2018 23:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.4	58.2
148	63.4	32.4	97.0

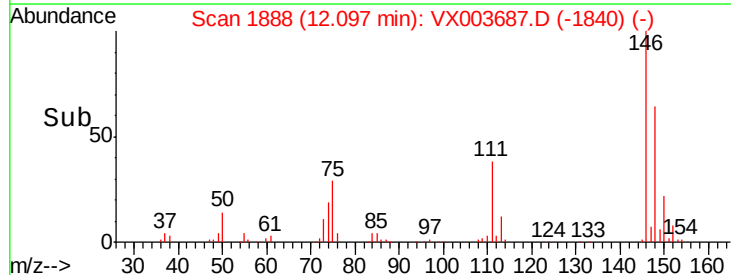
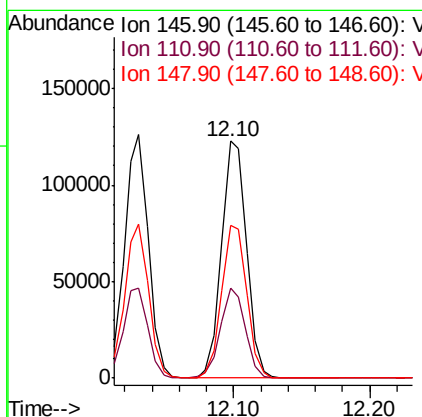
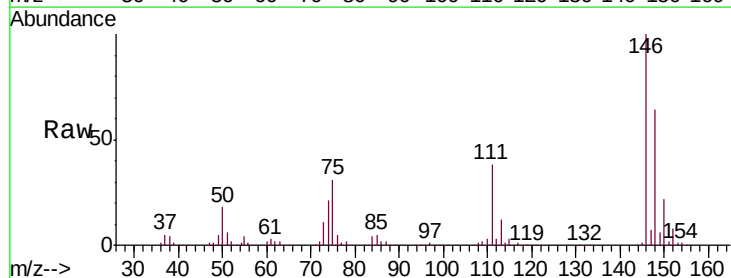
Manual Integrations
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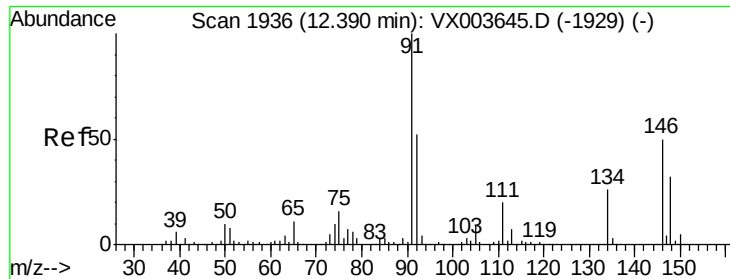
MMDadoda
 7/27/2018 5:40:41 PM



#88
 1,4-Dichlorobenzene
 Concen: 48.52 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.01 min
 Lab File: VX003687.D
 Acq: 26 Jul 2018 23:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.6	55.6
148	64.9	32.0	96.2





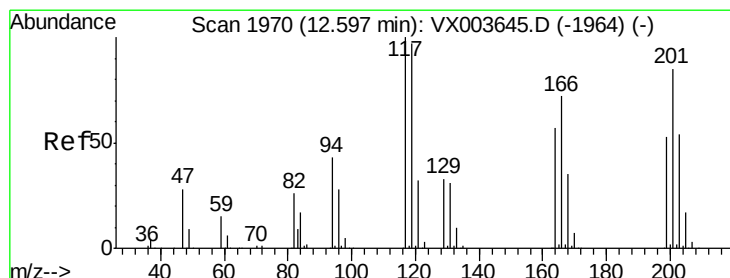
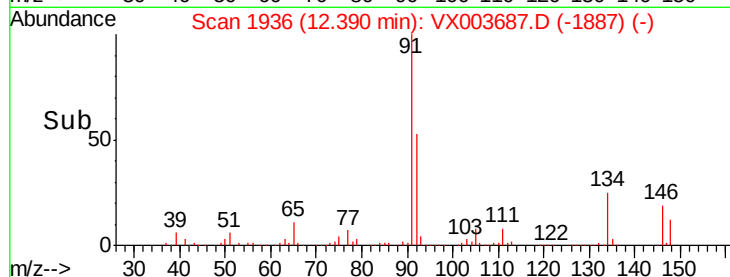
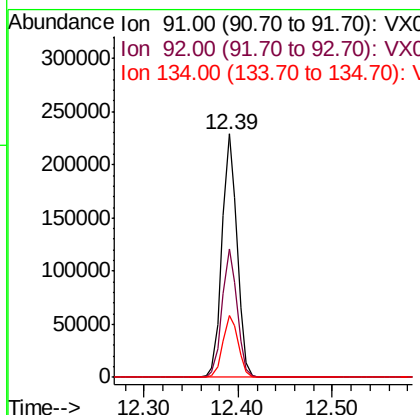
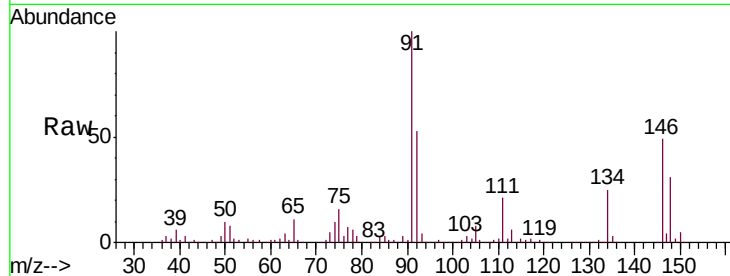
#89
n-Butylbenzene
Concen: 51.78 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.3	78.9
134	25.8	13.3	39.8

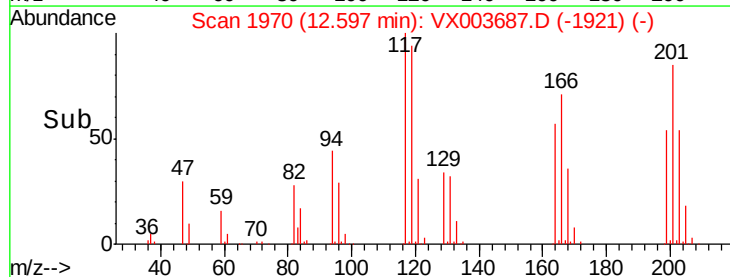
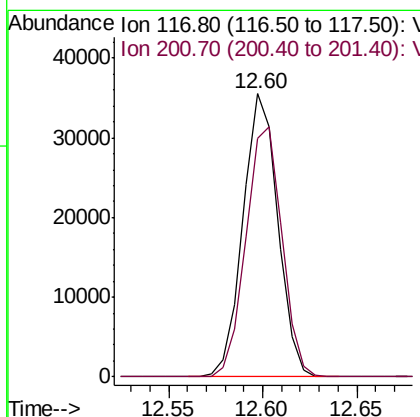
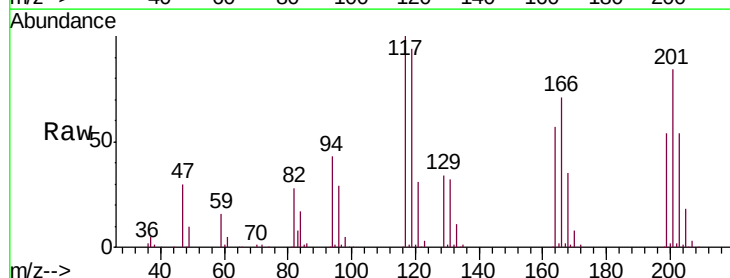
Manual Integrations
APPROVED

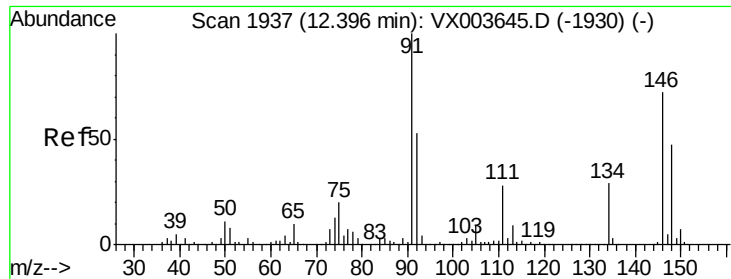
MMDadoda
7/27/2018 5:40:41 PM



#90
Hexachloroethane
Concen: 55.39 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003687.D
Acq: 26 Jul 2018 23:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.1	46.2	138.5





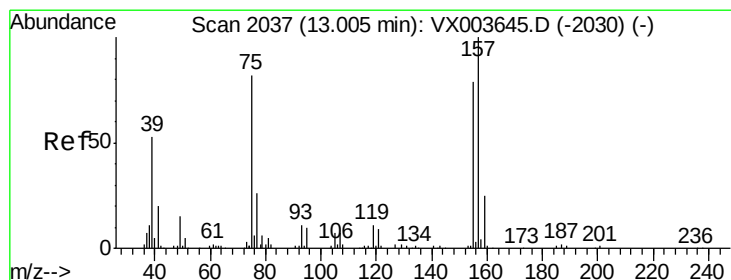
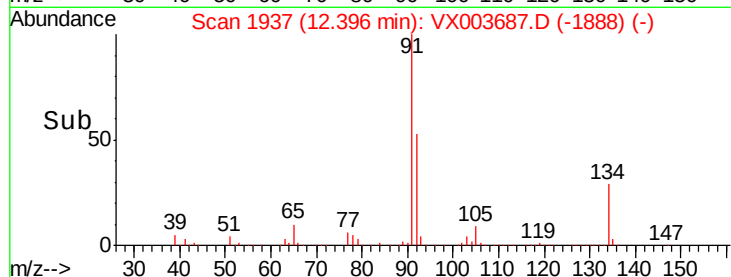
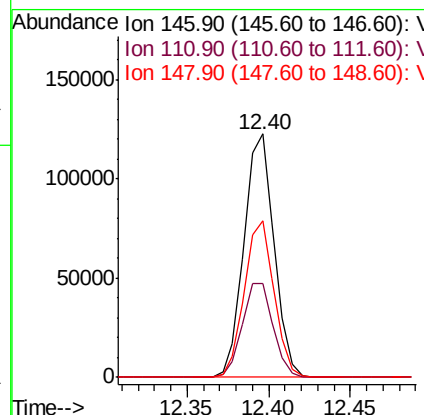
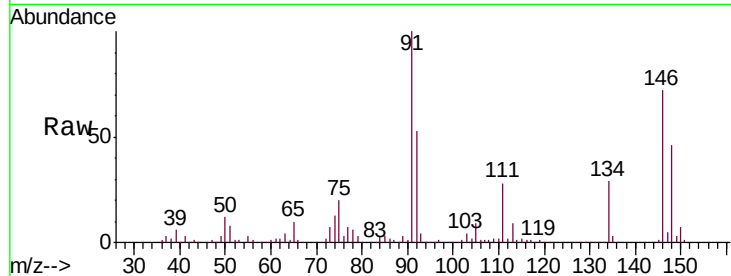
#91
 1,2-Dichlorobenzene
 Concen: 49.79 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003687.D
 Acq: 26 Jul 2018 23:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.8	59.4
148	63.7	32.2	96.6

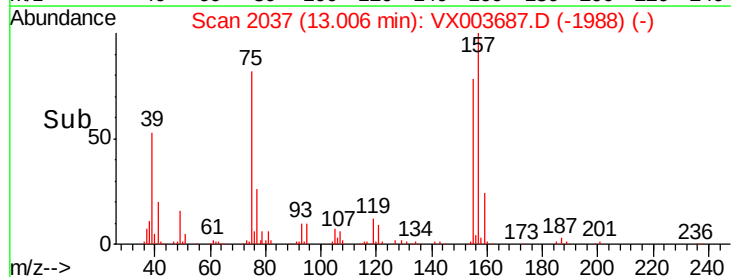
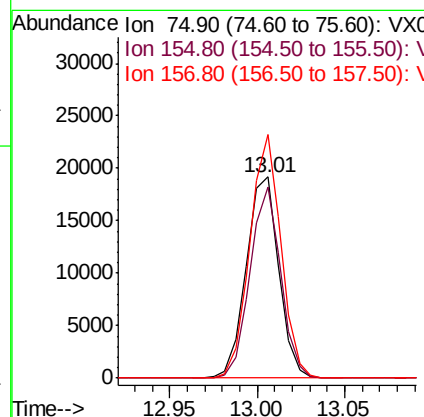
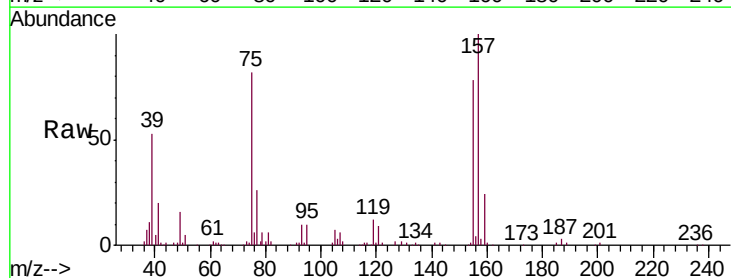
Manual Integrations
 APPROVED

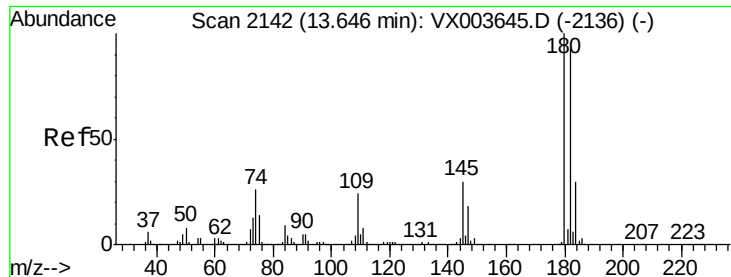
MMDadoda
 7/27/2018 5:40:41 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.56 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003687.D
 Acq: 26 Jul 2018 23:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.3	46.1	138.3
157	115.2	59.7	179.0





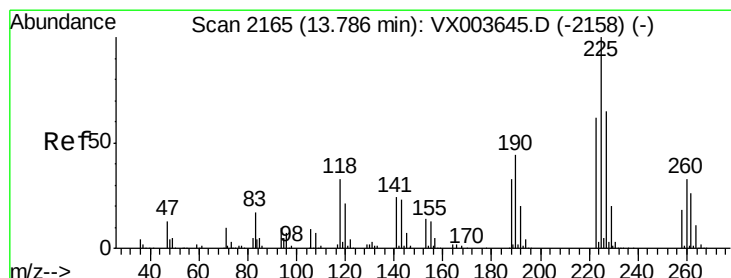
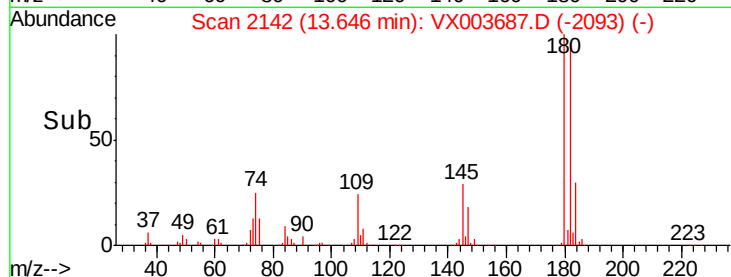
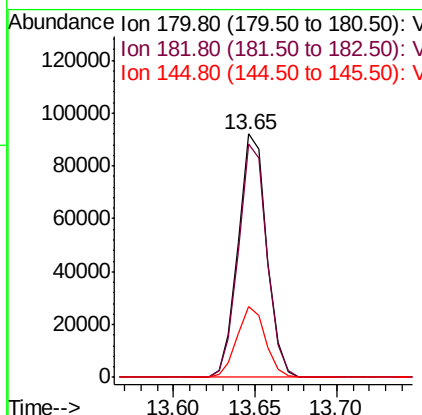
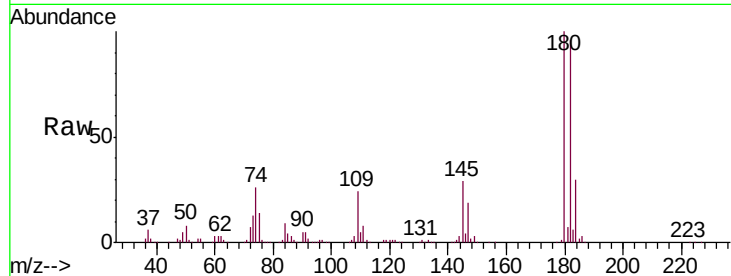
#93
 1,2,4-Trichlorobenzene
 Concen: 49.80 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003687.D
 Acq: 26 Jul 2018 23:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	112683		
182	95.7	47.9	143.8	
145	28.7	14.4	43.2	

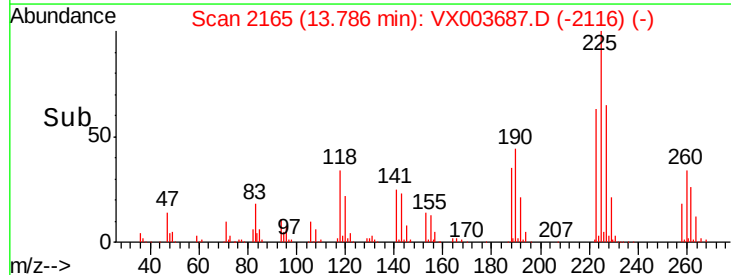
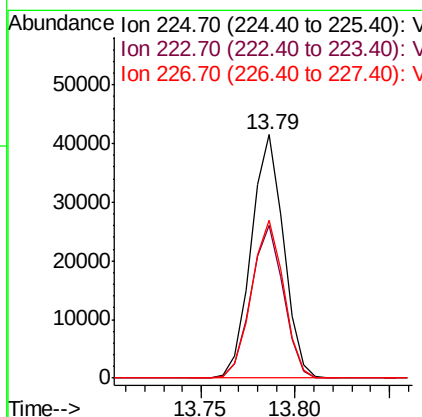
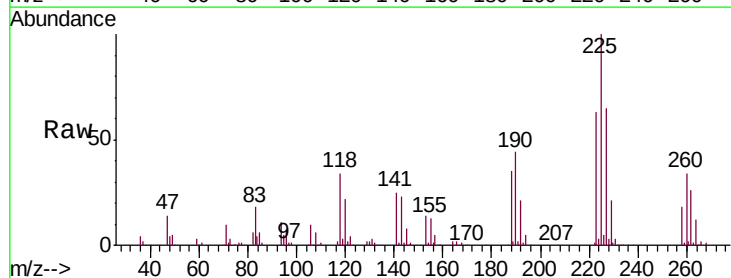
Manual Integrations
 APPROVED

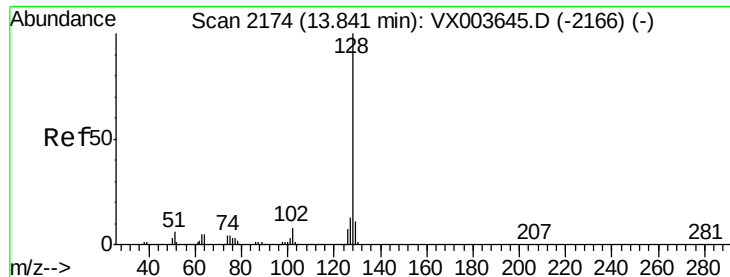
MMDadoda
 7/27/2018 5:40:41 PM



#94
 Hexachlorobutadiene
 Concen: 47.20 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003687.D
 Acq: 26 Jul 2018 23:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	49408		
223	63.0	30.9	92.5	
227	64.6	31.9	95.7	





#95

Naphthalene

Concen: 52.53 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Instrument :

MSVOA_X

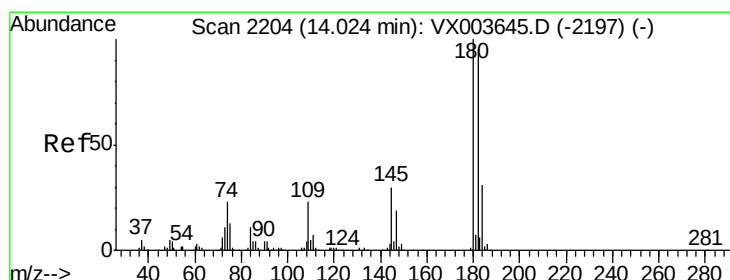
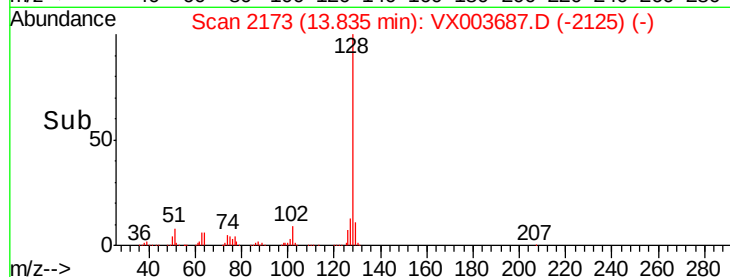
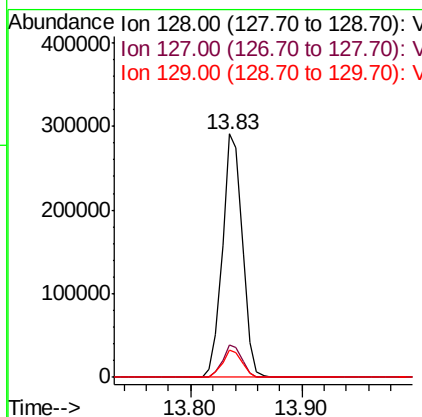
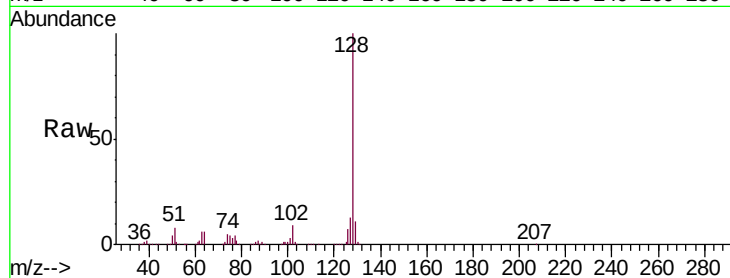
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	359501
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/27/2018 5:40:41 PM



#96

1,2,3-Trichlorobenzene

Concen: 50.88 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003687.D

Acq: 26 Jul 2018 23:19

Tgt Ion:	180	Resp:	116936
Ion Ratio	Lower	Upper	
180	100		
182	96.6	47.6	142.8
145	30.4	15.0	45.1

