

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022519\
 Data File : VX007685.D
 Acq On : 25 Feb 2019 20:20
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 2/26/2019 2:58:11 PM

Quant Time: Feb 26 04:43:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	343159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	543665	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	486779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	236092	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	197421	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	
35) Dibromofluoromethane	5.50	113	178853	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
50) Toluene-d8	8.71	98	661182	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
62) 4-Bromofluorobenzene	11.13	95	234066	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	149324	47.237	ug/l	97
3) Chloromethane	1.33	50	158955	45.376	ug/l	100
4) Vinyl Chloride	1.41	62	165689	46.102	ug/l	97
5) Bromomethane	1.64	94	110160	48.620	ug/l	99
6) Chloroethane	1.72	64	106426	46.350	ug/l	97
7) Trichlorofluoromethane	1.93	101	256520	46.559	ug/l	96
8) Diethyl Ether	2.19	74	102240	45.216	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	146566	44.013	ug/l	93
10) Methyl Iodide	2.51	142	209336	50.485	ug/l	97
11) Tert butyl alcohol	3.07	59	187547	232.545	ug/l	98
12) 1,1-Dichloroethene	2.38	96	142757	47.559	ug/l	99
13) Acrolein	2.30	56	153087	213.611	ug/l	99
14) Allyl chloride	2.73	41	256342	46.186	ug/l	98
15) Acrylonitrile	3.15	53	449392	236.780	ug/l	99
16) Acetone	2.45	43	399640	211.420	ug/l	96
17) Carbon Disulfide	2.57	76	388095	46.473	ug/l	99
18) Methyl Acetate	2.78	43	196524	47.645	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	491852	47.054	ug/l	98
20) Methylene Chloride	2.86	84	159169	45.602	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	152132	46.620	ug/l	94
22) Diisopropyl ether	3.87	45	541440	46.862	ug/l	99
23) Vinyl Acetate	3.82	43	2358497	232.666	ug/l	99
24) 1,1-Dichloroethane	3.70	63	294498	46.900	ug/l	99
25) 2-Butanone	4.70	43	659301	228.974	ug/l	99
26) 2,2-Dichloropropane	4.59	77	202969	40.494	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	194966	46.955	ug/l	98
28) Bromochloromethane	5.02	49	140845	46.074	ug/l	94
29) Tetrahydrofuran	5.15	42	436107	229.771	ug/l	99
30) Chloroform	5.21	83	309361	45.994	ug/l	99
31) Cyclohexane	5.57	56	267642	45.313	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	263131	47.303	ug/l	99
36) 1,1-Dichloropropene	5.80	75	227542	46.554	ug/l	99
37) Ethyl Acetate	4.85	43	252250	46.459	ug/l	98
38) Carbon Tetrachloride	5.79	117	227421	46.320	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	274991	44.516	ug/l	99
40) Benzene	6.14	78	711476	47.155	ug/l	98
41) Methacrylonitrile	5.06	41	137486	47.421	ug/l	98
42) 1,2-Dichloroethane	6.20	62	237310	46.795	ug/l	99
43) Isopropyl Acetate	6.46	43	394325	47.189	ug/l	99
44) Trichloroethene	7.21	130	196534	47.351	ug/l	94
45) 1,2-Dichloropropane	7.51	63	182748	46.757	ug/l	99
46) Dibromomethane	7.66	93	122846	45.053	ug/l	94
47) Bromodichloromethane	7.90	83	227407	48.126	ug/l	98
48) Methyl methacrylate	7.77	41	202650	46.265	ug/l	99
49) 1,4-Dioxane	7.75	88	91436	966.499	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1314504	235.005	ug/l	100
52) Toluene	8.79	92	449189	47.212	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	246827	42.464	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	272708	47.558	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	185623	46.785	ug/l	97
56) Ethyl methacrylate	9.18	69	274238	48.605	ug/l	99
57) 1,3-Dichloropropane	9.37	76	301927	47.539	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	740520	238.006	ug/l	99
59) 2-Hexanone	9.49	43	1004113	228.654	ug/l	100
60) Dibromochloromethane	9.59	129	188853	49.468	ug/l	97
61) 1,2-Dibromoethane	9.67	107	197942	48.052	ug/l	99
64) Tetrachloroethene	9.34	164	189810	48.032	ug/l	97
65) Chlorobenzene	10.14	112	494250	46.946	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	177841	48.426	ug/l	98
67) Ethyl Benzene	10.25	91	837651	48.030	ug/l	98
68) m/p-Xylenes	10.36	106	646172	95.238	ug/l	98
69) o-Xylene	10.69	106	314534	48.196	ug/l	97
70) Styrene	10.71	104	513472	47.867	ug/l	99
71) Bromoform	10.86	173	131045	47.586	ug/l #	100
73) Isopropylbenzene	11.02	105	833378	49.389	ug/l	99
74) N-amyl acetate	10.90	43	362079	49.413	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	269057	46.102	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	225687m	44.847	ug/l	
77) Bromobenzene	11.26	156	208691	49.309	ug/l	89
78) n-propylbenzene	11.36	91	959715	50.332	ug/l	97
79) 2-Chlorotoluene	11.42	91	556445	48.466	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	697049	50.221	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	79489	42.789	ug/l	94
82) 4-Chlorotoluene	11.51	91	652042	48.548	ug/l	97
83) tert-Butylbenzene	11.77	119	659050	49.454	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	705684	49.705	ug/l	98
85) sec-Butylbenzene	11.94	105	834695	49.983	ug/l	98
86) p-Isopropyltoluene	12.06	119	730377	49.941	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	374010	47.641	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	377384	46.938	ug/l	98
89) n-Butylbenzene	12.38	91	638279	48.938	ug/l	99
90) Hexachloroethane	12.60	117	121440	49.282	ug/l	85
91) 1,2-Dichlorobenzene	12.39	146	374759	47.710	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	59110	46.484	ug/l	88

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ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId :
VSTDCCC050EC

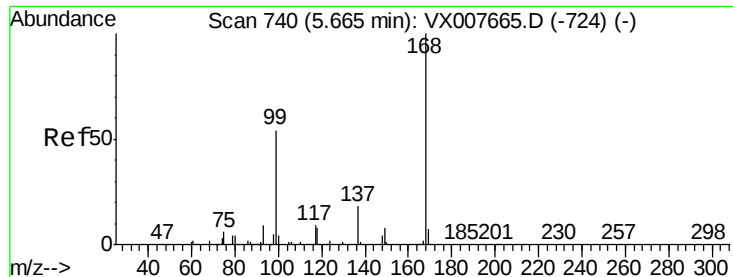
Manual Integrations
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2/26/2019 2:58:11 PM

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	232090	48.405	ug/l	98
94) Hexachlorobutadiene	13.78	225	102022	46.512	ug/l	99
95) Naphthalene	13.83	128	807209	51.963	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	233633	48.528	ug/l	98

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



#1

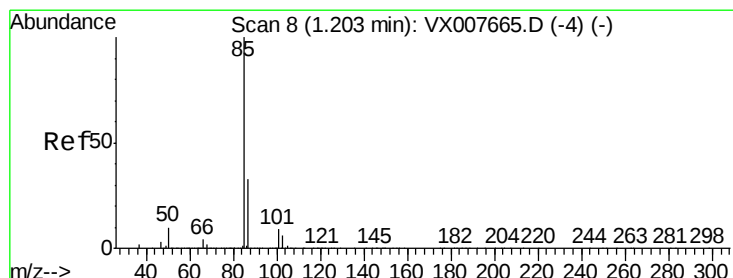
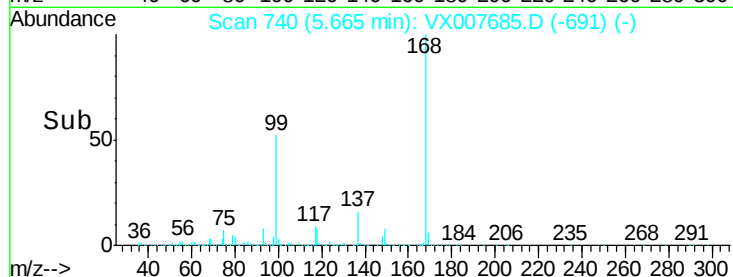
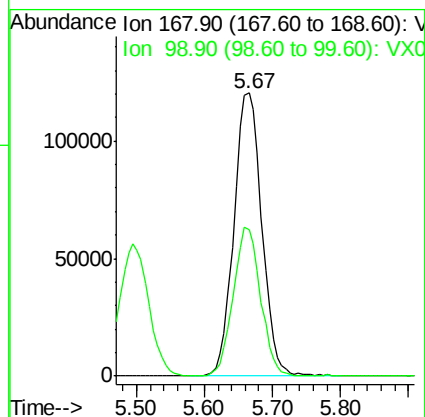
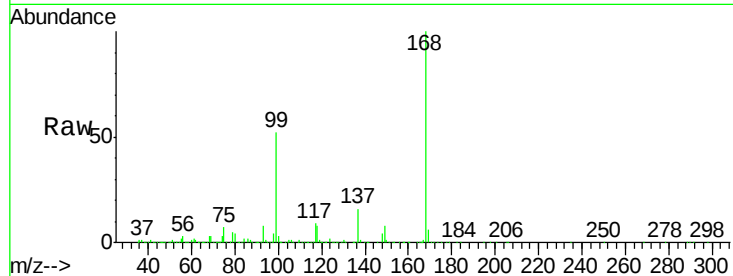
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: VX007685.D
 Acq: 25 Feb 2019 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	51.4	37.9	56.9

Manual Integrations
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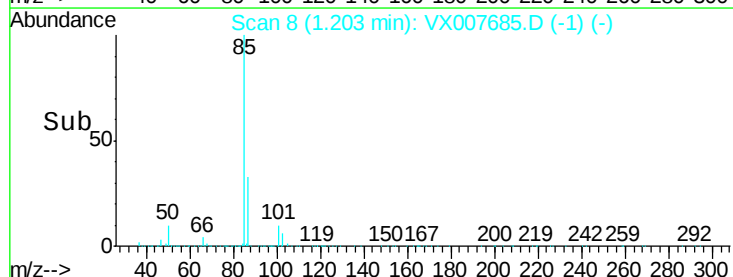
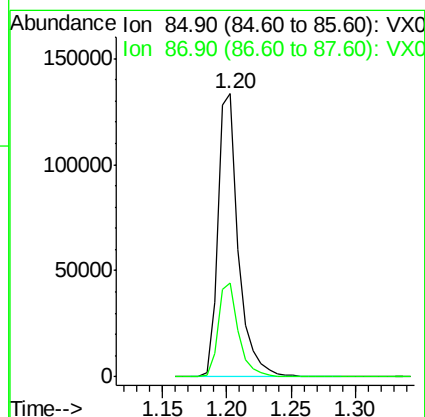
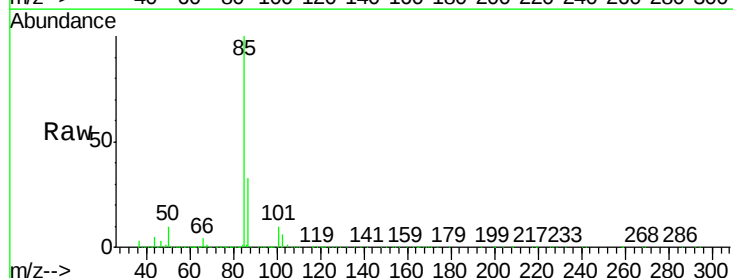
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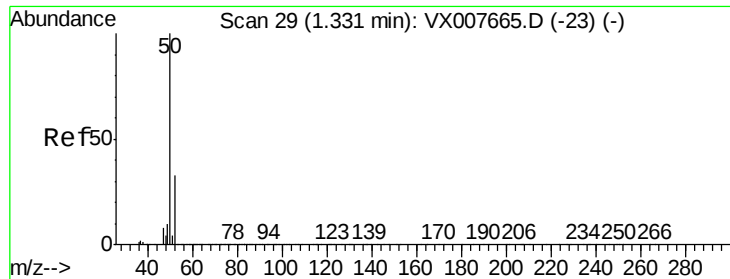


#2

Dichlorodifluoromethane
 Concen: 47.237 ug/l
 RT: 1.20 min Scan# 8
 Delta R.T. -0.00 min
 Lab File: VX007685.D
 Acq: 25 Feb 2019 20:20

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.1	15.8	47.4





#3

Chloromethane

Concen: 45.376 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 158955

Ion Ratio Lower Upper

50 100

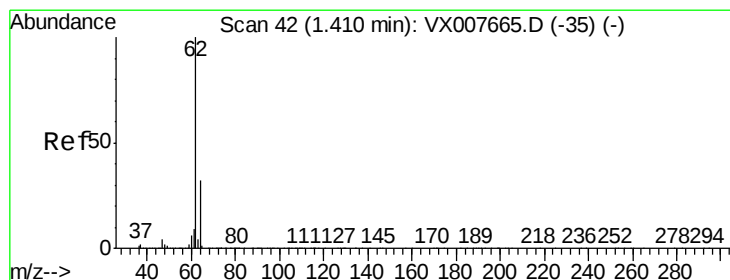
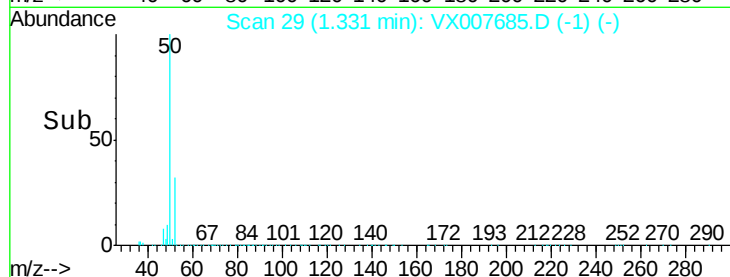
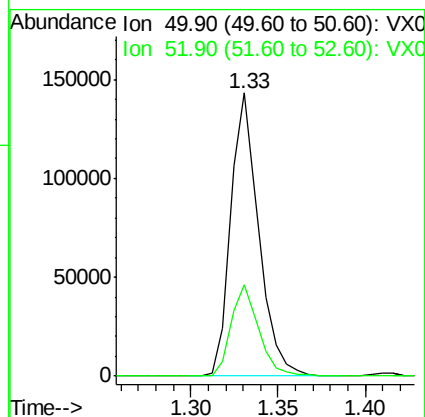
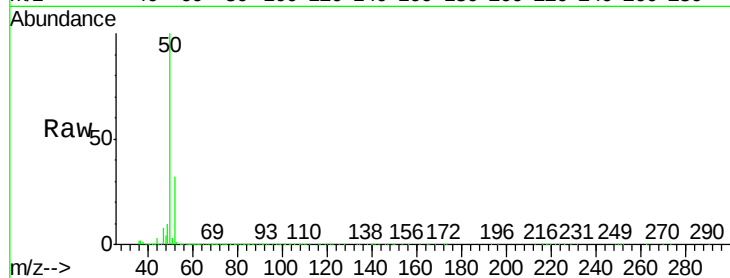
52 32.3 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.102 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007685.D

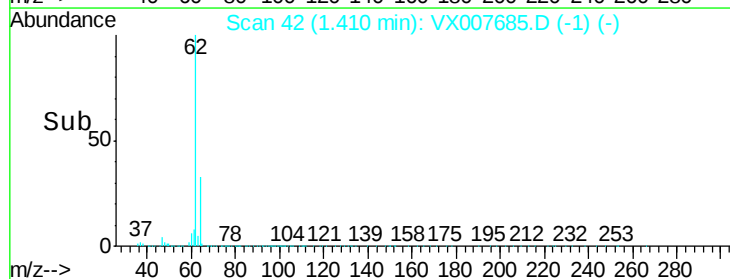
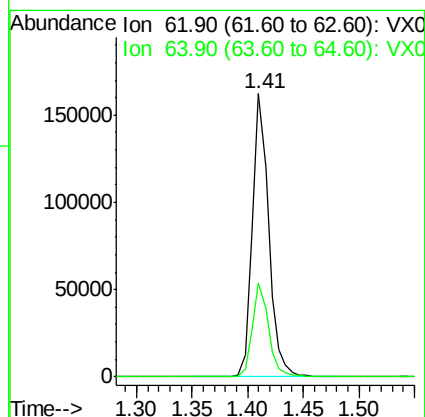
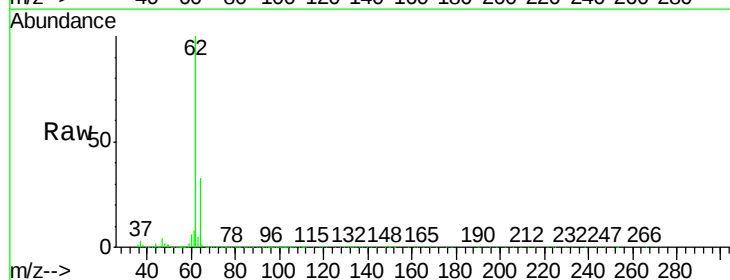
Acq: 25 Feb 2019 20:20

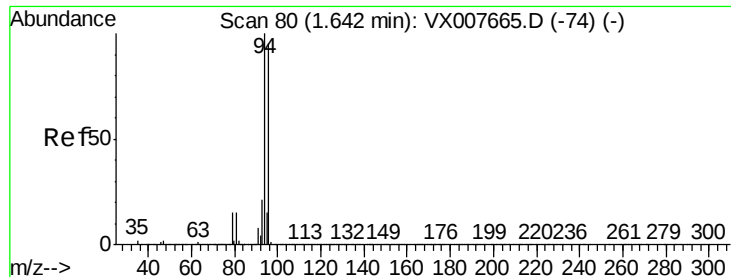
Tgt Ion: 62 Resp: 165689

Ion Ratio Lower Upper

62 100

64 33.2 25.4 38.0





#5

Bromomethane

Concen: 48.620 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 110160

Ion Ratio Lower Upper

94 100

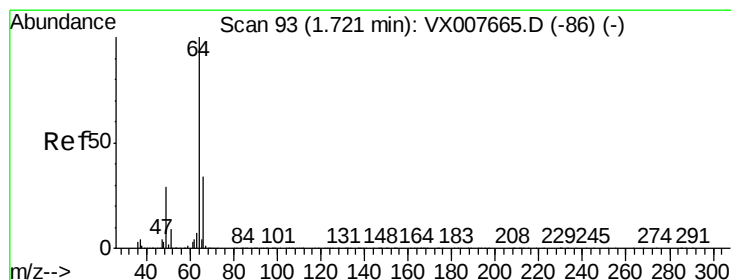
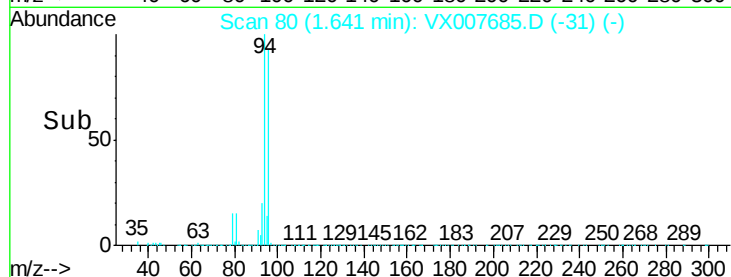
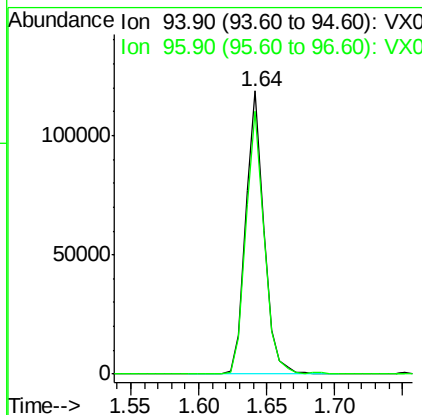
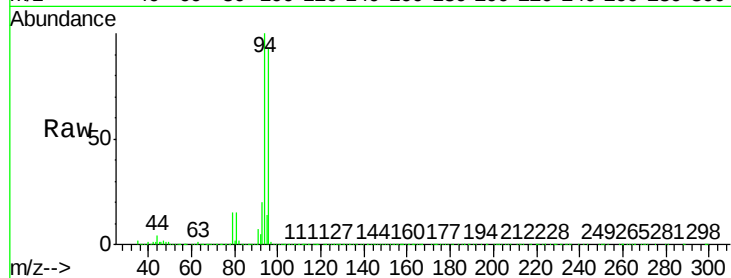
96 93.0 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 46.350 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX007685.D

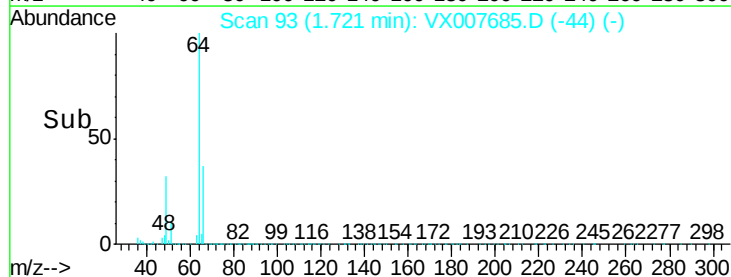
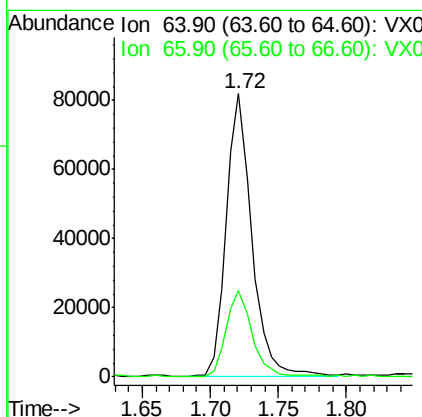
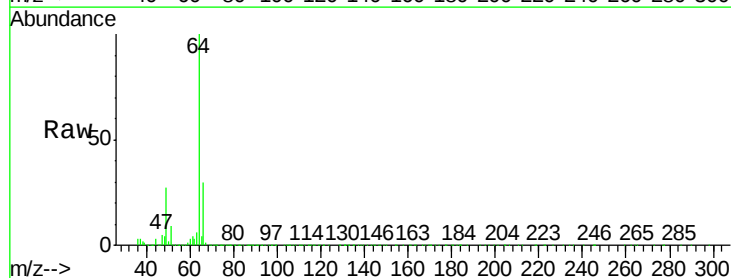
Acq: 25 Feb 2019 20:20

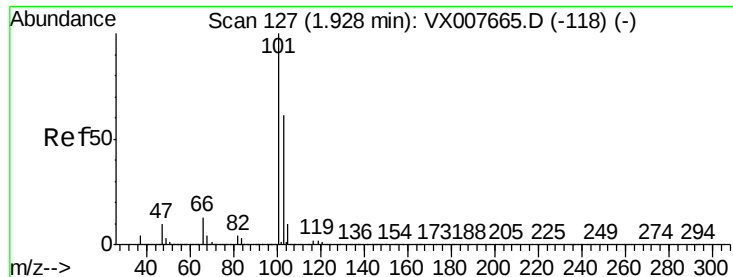
Tgt Ion: 64 Resp: 106426

Ion Ratio Lower Upper

64 100

66 30.2 25.5 38.3





#7

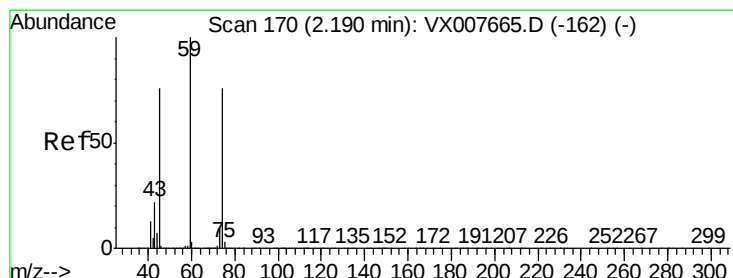
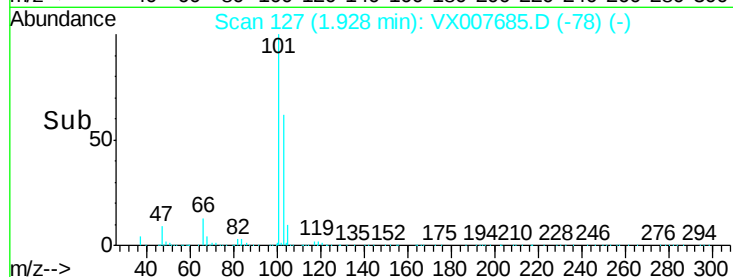
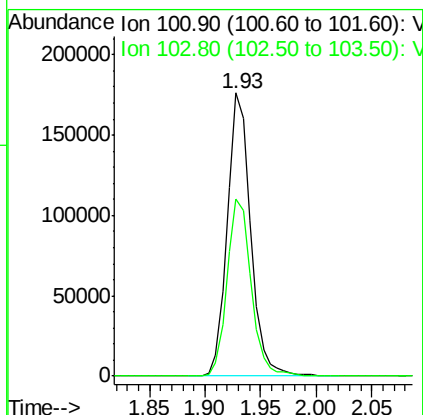
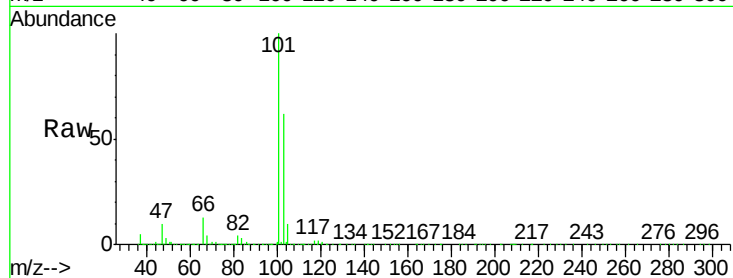
Trichlorofluoromethane
Concen: 46.559 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

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VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	256520		
103	62.4	52.6	79.0	

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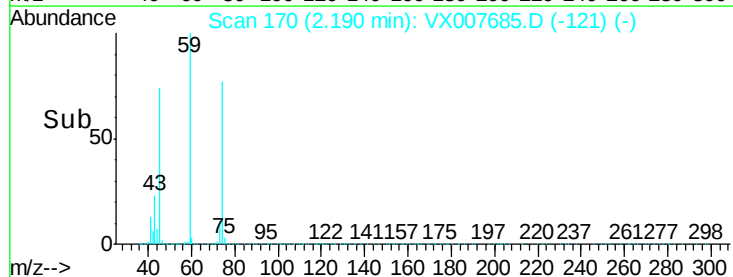
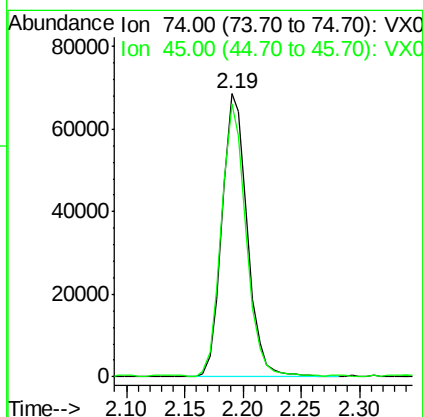
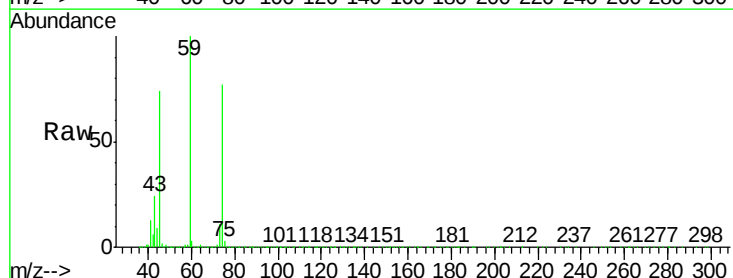
MMDadoda
2/26/2019 2:58:11 PM

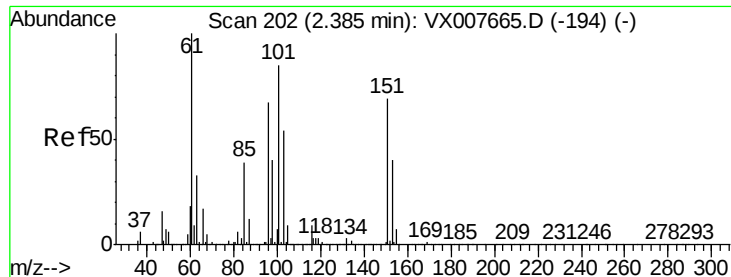


#8

Diethyl Ether
Concen: 45.216 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	102240		
45	94.4	45.7	137.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.013 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

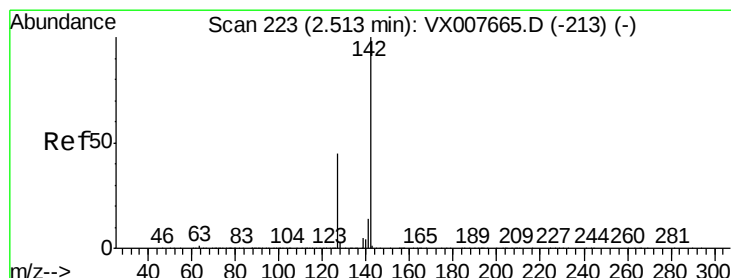
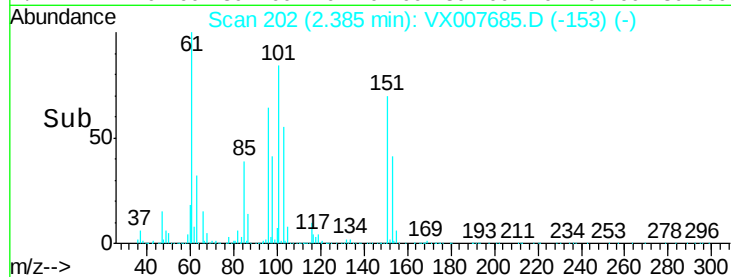
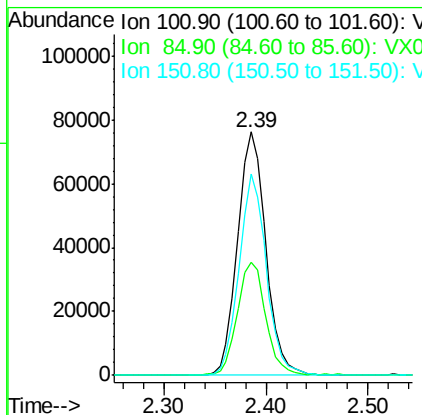
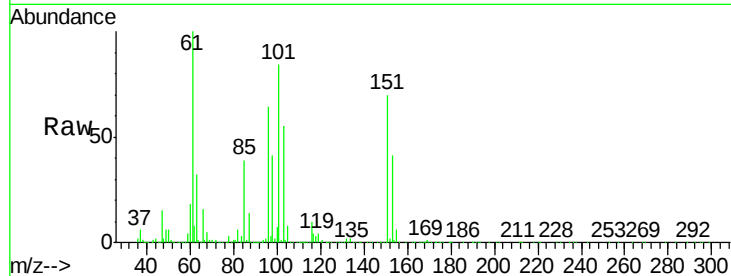
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	146566
Ion Ratio	Lower	Upper	
101	100		
85	46.8	34.1	51.1
151	80.3	69.9	104.9

Manual Integrations
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#10

Methyl Iodide

Concen: 50.485 ug/l

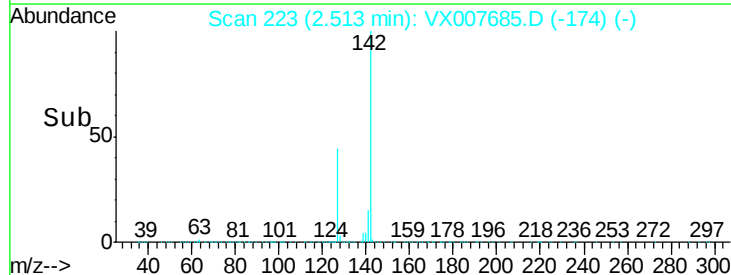
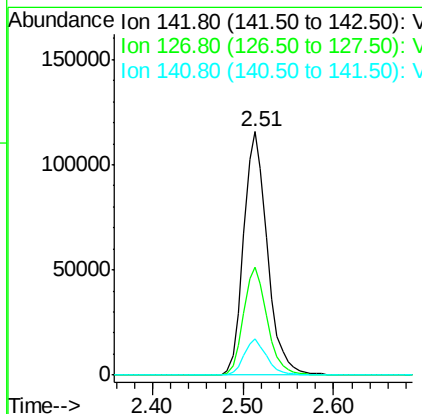
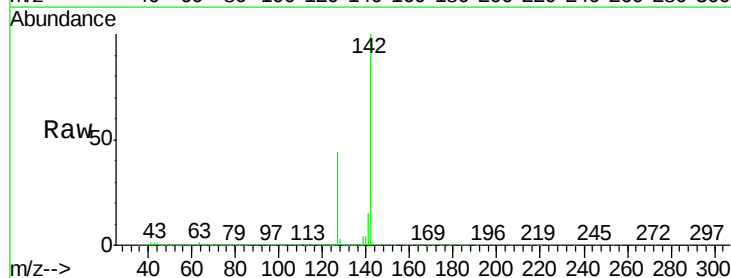
RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Tgt Ion:	142	Resp:	209336
Ion Ratio	Lower	Upper	
142	100		
127	44.6	33.7	50.5
141	14.3	11.3	16.9





#11

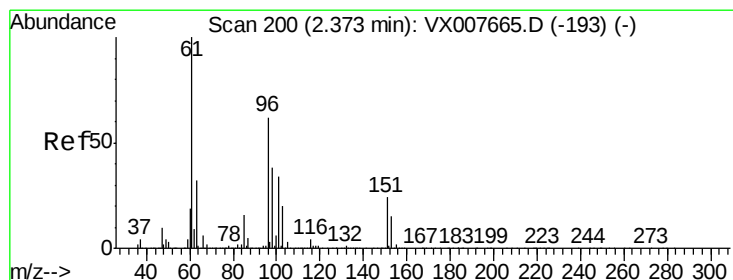
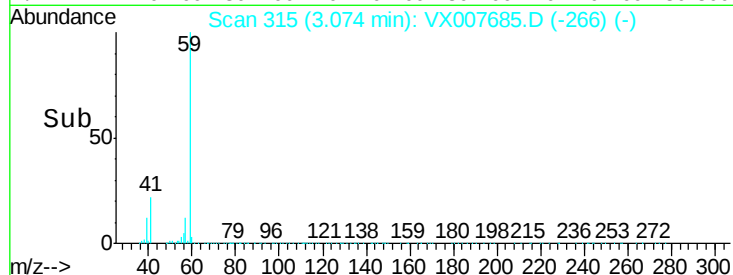
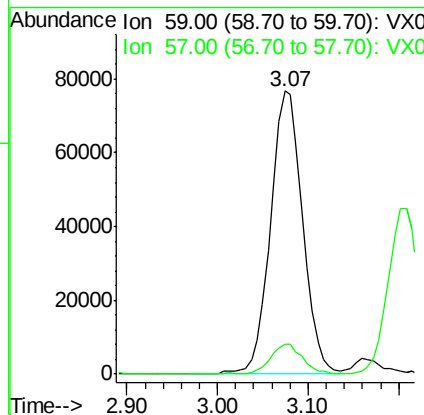
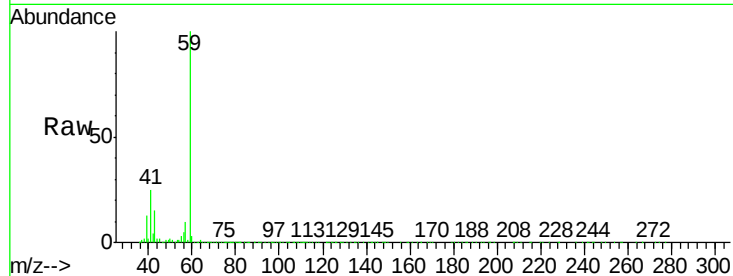
Tert butyl alcohol
Concen: 232.545 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.1	12.1

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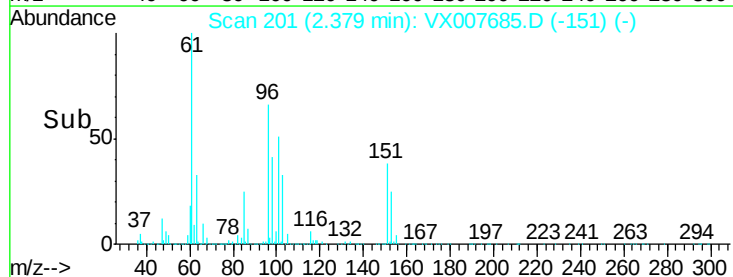
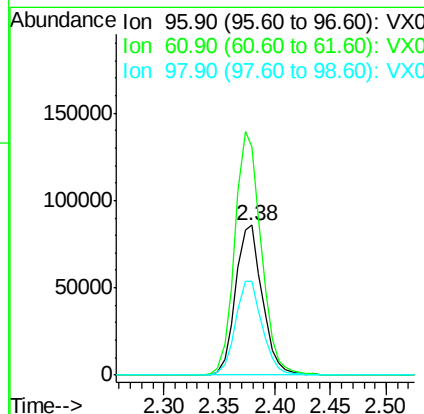
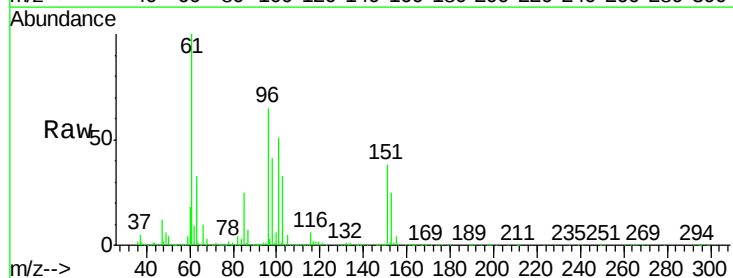
MMDadoda
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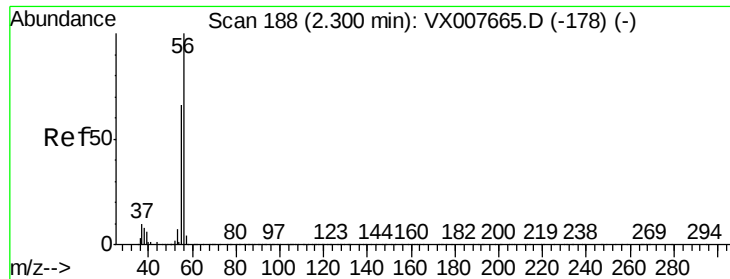


#12

1,1-Dichloroethene
Concen: 47.559 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.6	123.0	184.4
98	63.0	50.9	76.3





#13

Acrolein

Concen: 213.611 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

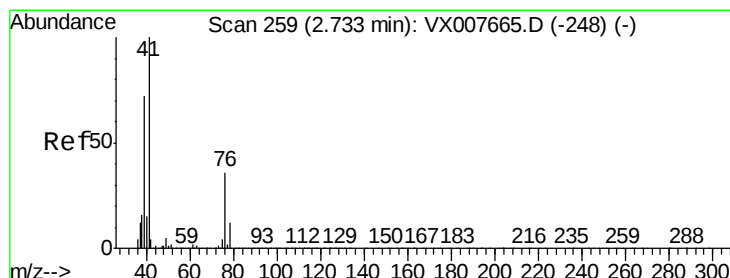
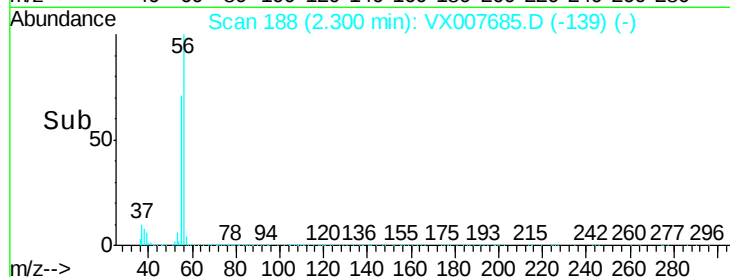
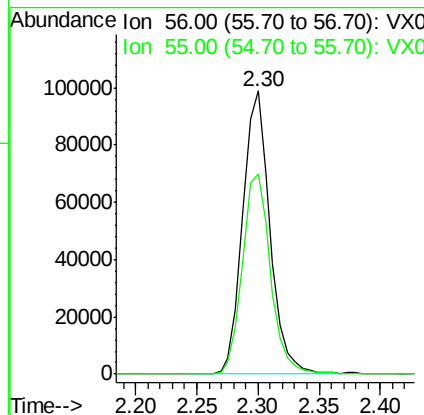
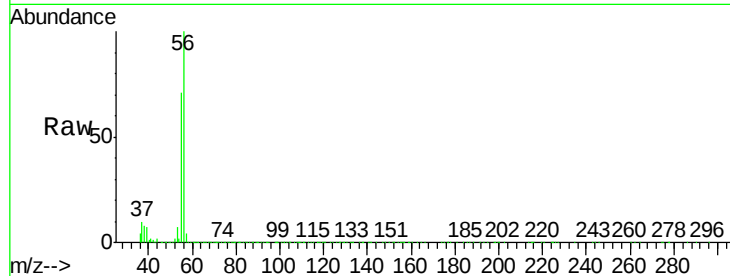
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	72.0	56.9	85.3	

Manual Integrations
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#14

Allyl chloride

Concen: 46.186 ug/l

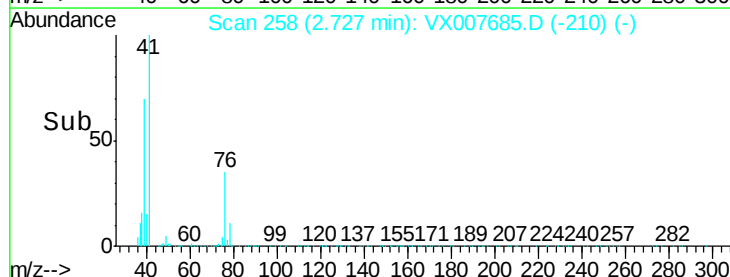
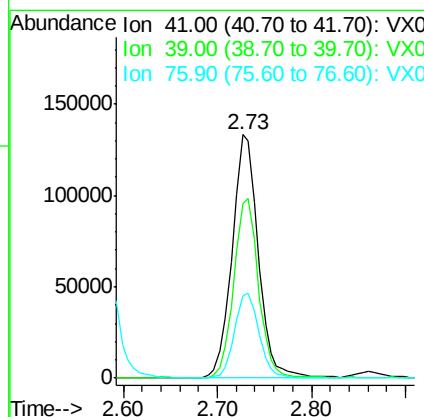
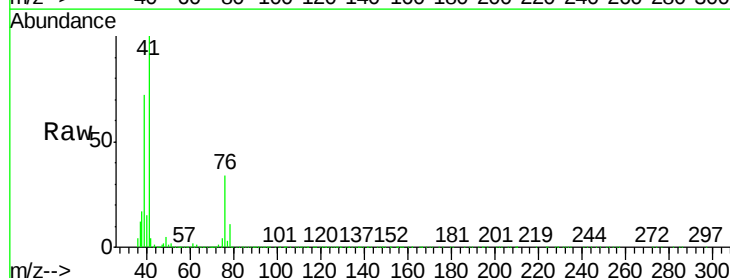
RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	69.7	54.1	81.1	
76	33.5	27.8	41.8	





#15

Acrylonitrile

Concen: 236.780 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

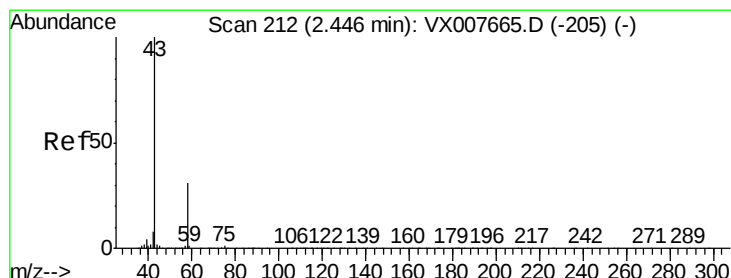
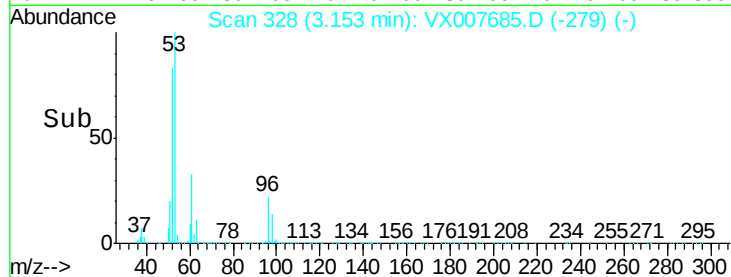
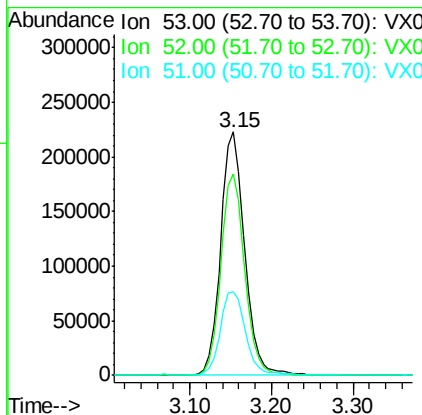
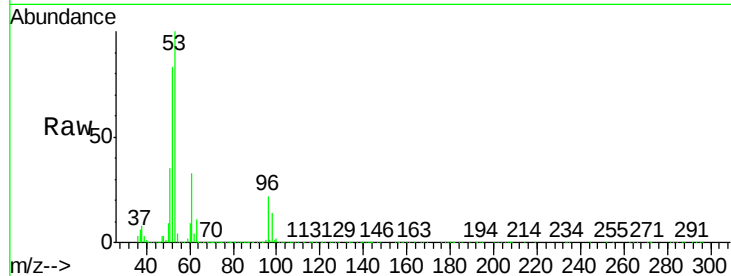
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	449392
Ion Ratio		Lower	Upper
53	100		
52	83.1	66.4	99.6
51	36.7	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 211.420 ug/l

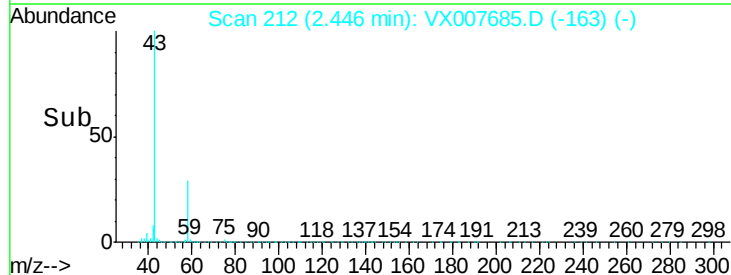
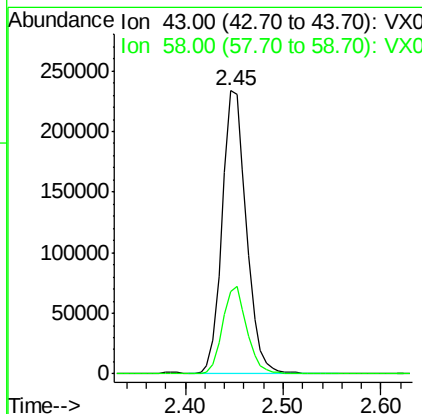
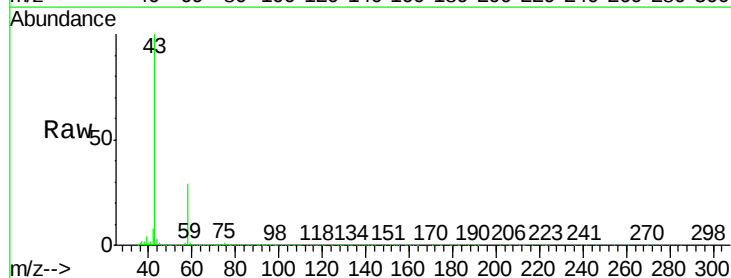
RT: 2.45 min Scan# 212

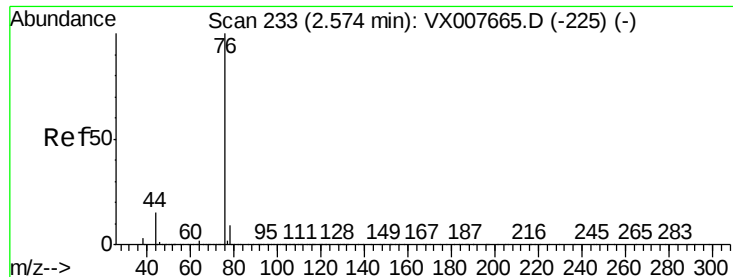
Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Tgt Ion:	43	Resp:	399640
Ion Ratio		Lower	Upper
43	100		
58	29.0	24.9	37.3





#17

Carbon Disulfide

Concen: 46.473 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 388095

Ion Ratio Lower Upper

76 100

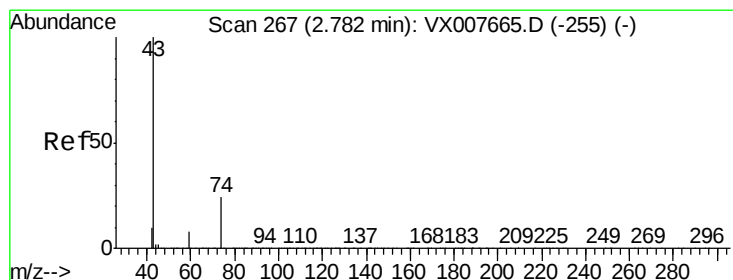
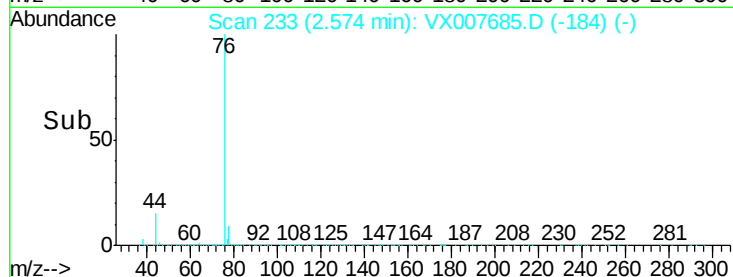
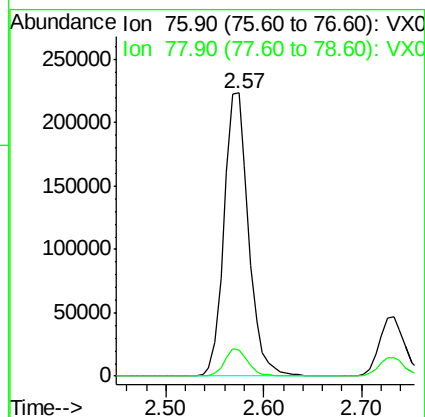
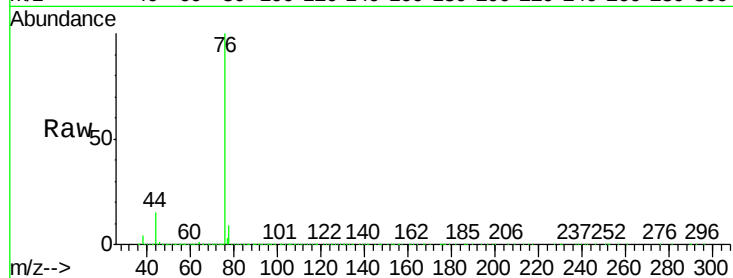
78 9.2 7.1 10.7

Manual Integrations

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#18

Methyl Acetate

Concen: 47.645 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007685.D

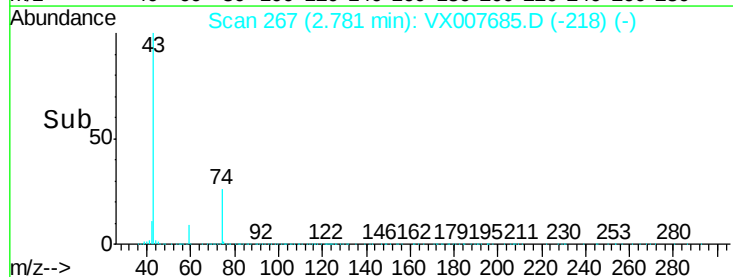
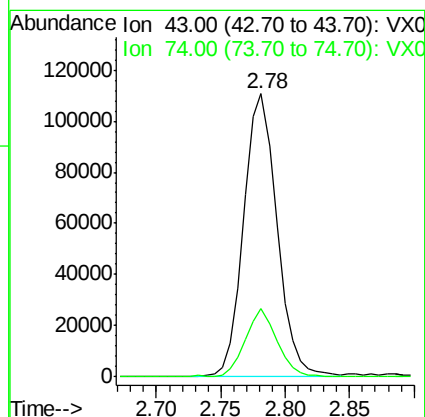
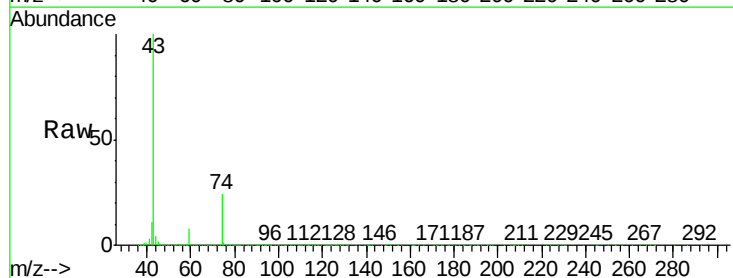
Acq: 25 Feb 2019 20:20

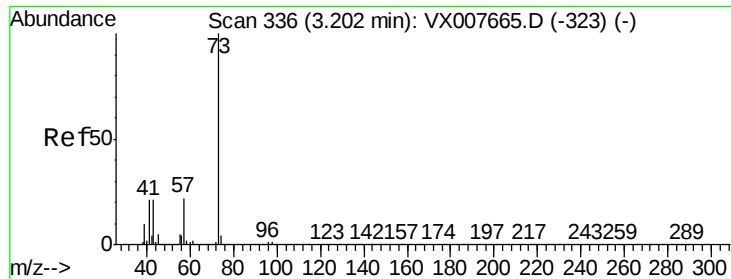
Tgt Ion: 43 Resp: 196524

Ion Ratio Lower Upper

43 100

74 22.5 19.4 29.2





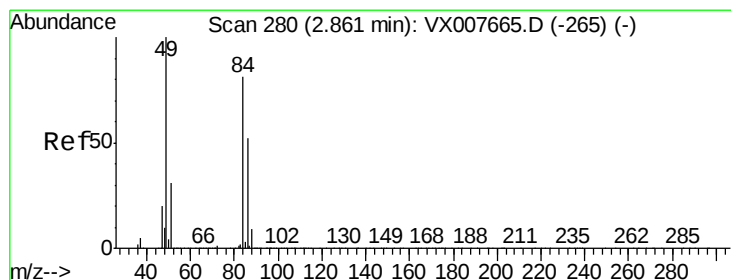
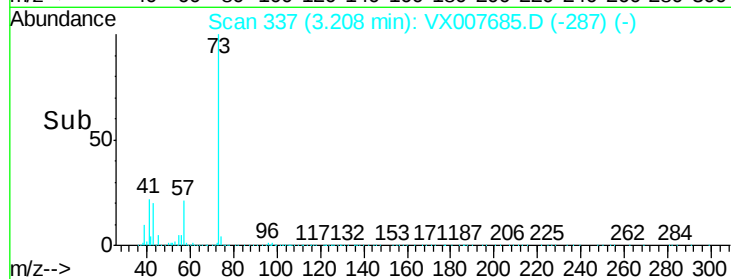
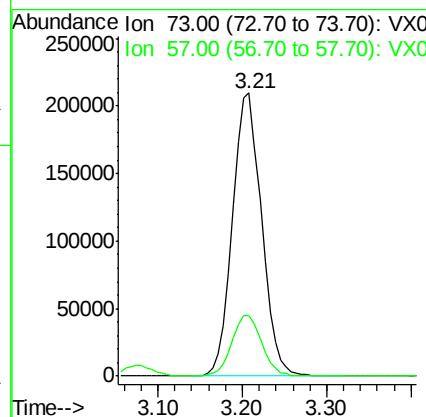
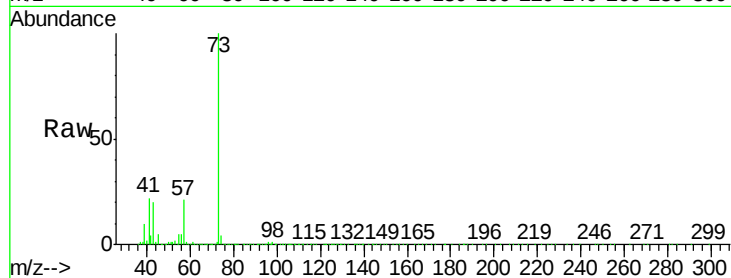
#19
Methvl tert-butvl Ether
Concen: 47.054 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.8	26.8

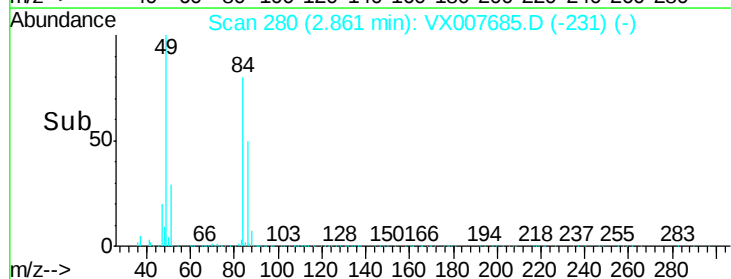
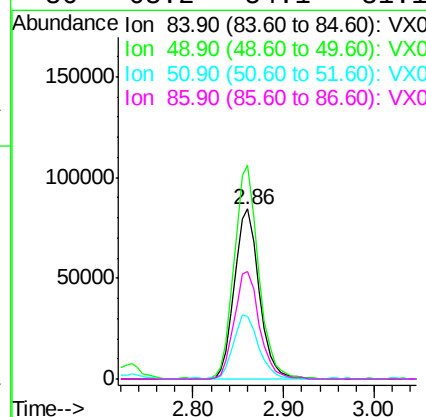
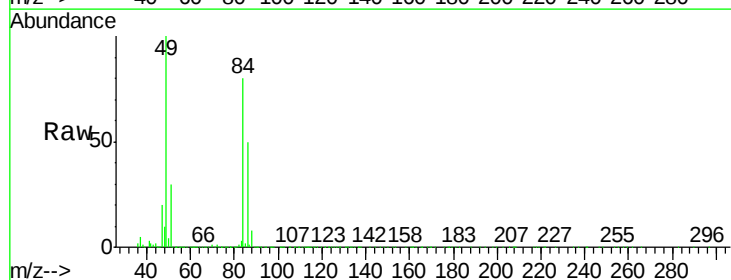
Manual Integrations
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#20
Methylene Chloride
Concen: 45.602 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.6	94.8	142.2
51	36.9	29.8	44.8
86	63.2	54.1	81.1





#21

trans-1,2-Dichloroethene

Concen: 46.620 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

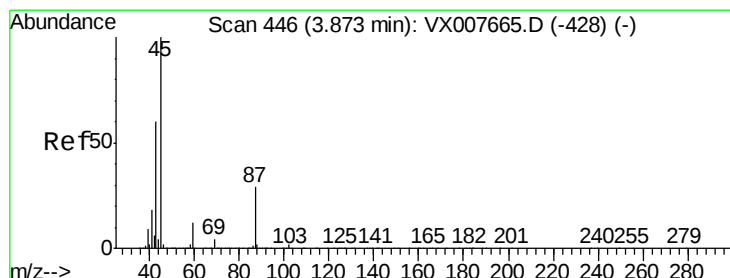
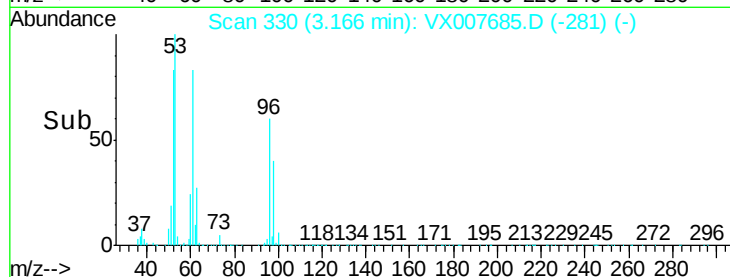
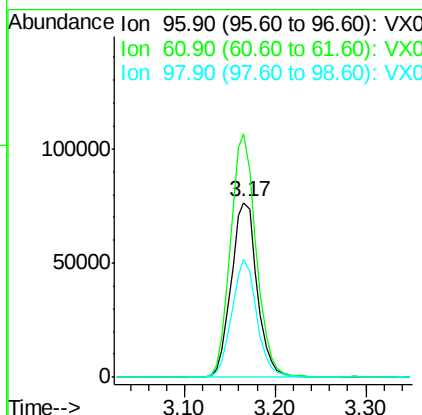
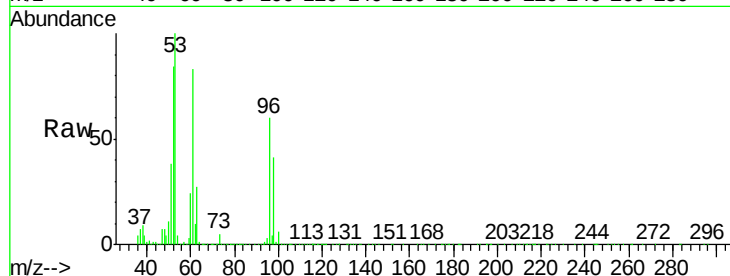
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	152132
Ion Ratio	Lower	Upper	
96	100		
61	139.0	104.6	156.8
98	67.7	51.0	76.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 46.862 ug/l

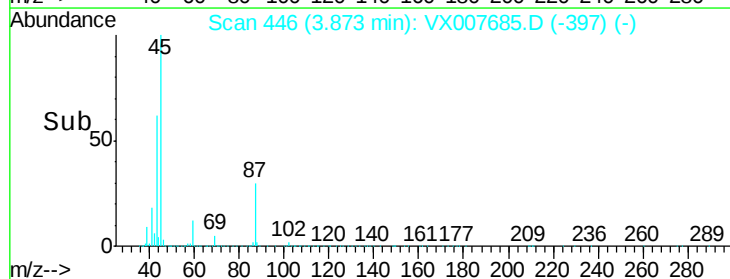
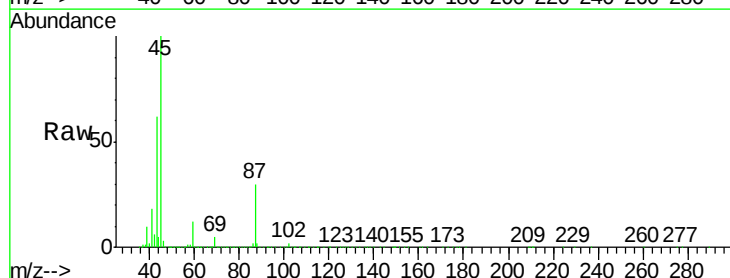
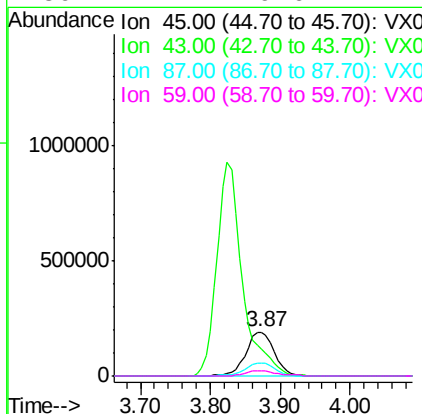
RT: 3.87 min Scan# 446

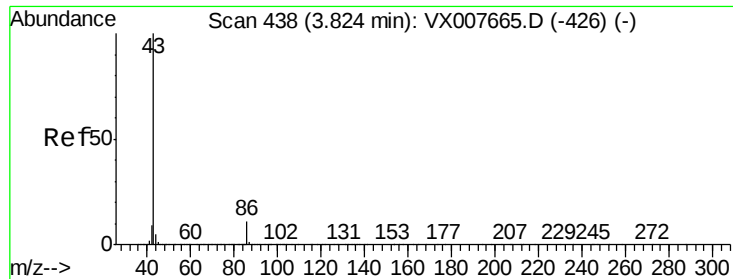
Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Tgt Ion:	45	Resp:	541440
Ion Ratio	Lower	Upper	
45	100		
43	61.5	48.9	73.3
87	29.4	23.9	35.9
59	12.2	9.6	14.4





#23

Vinyl Acetate

Concen: 232.666 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2358497

Ion Ratio Lower Upper

43 100

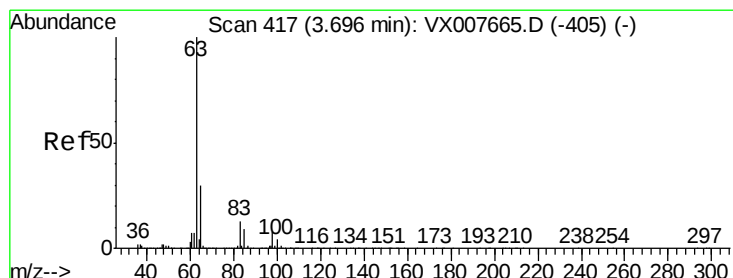
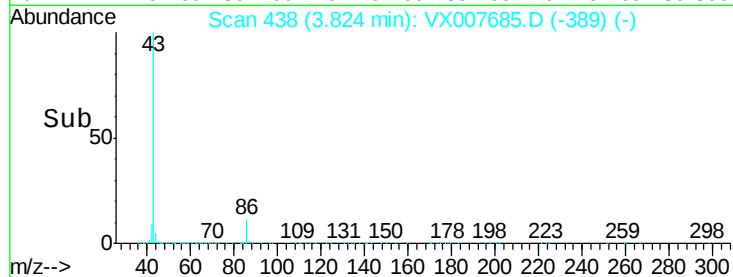
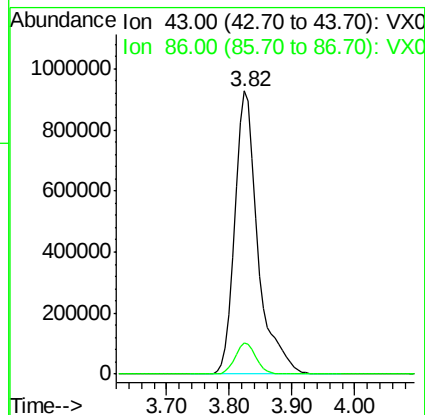
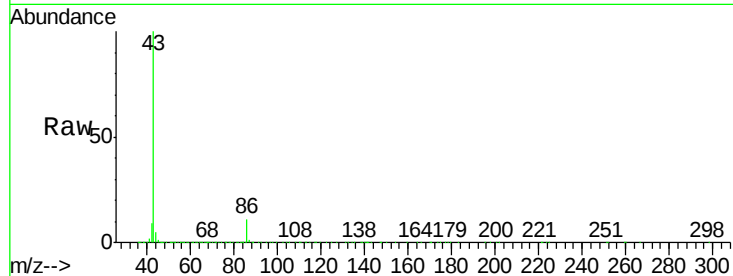
86 11.2 8.7 13.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 46.900 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

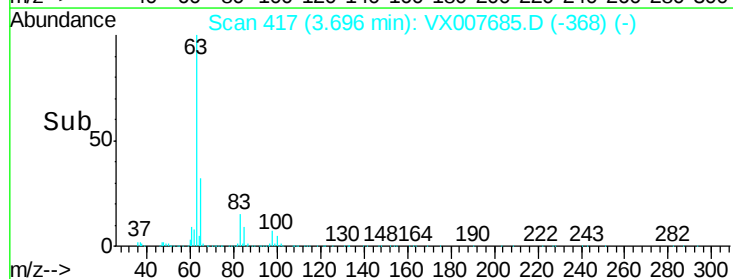
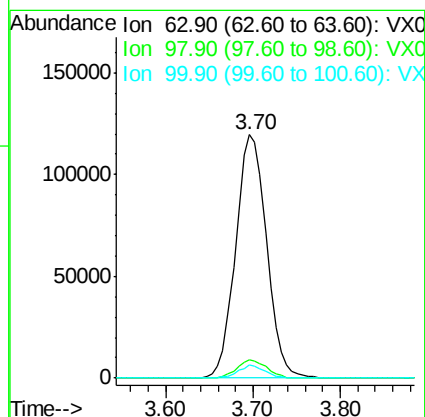
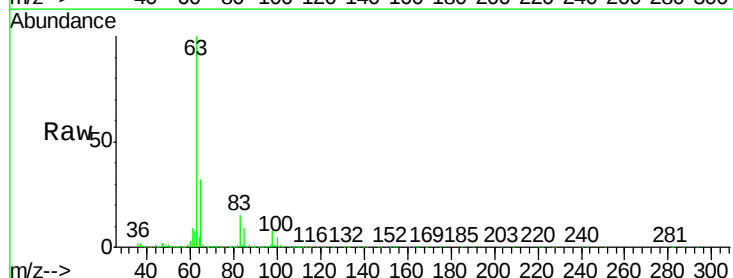
Tgt Ion: 63 Resp: 294498

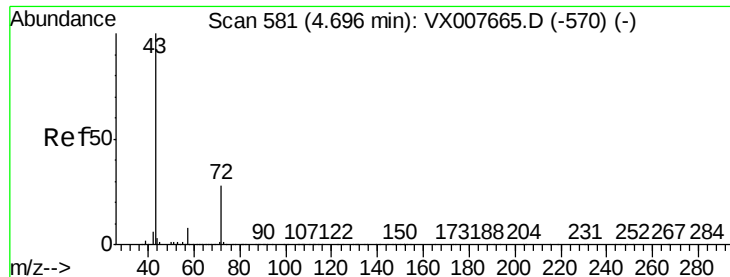
Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

100 5.3 2.5 7.4





#25

2-Butanone

Concen: 228.974 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 659301

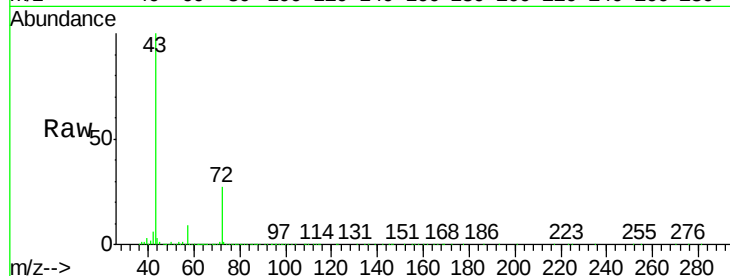
Ion Ratio Lower Upper

43 100

72 27.1 22.2 33.2

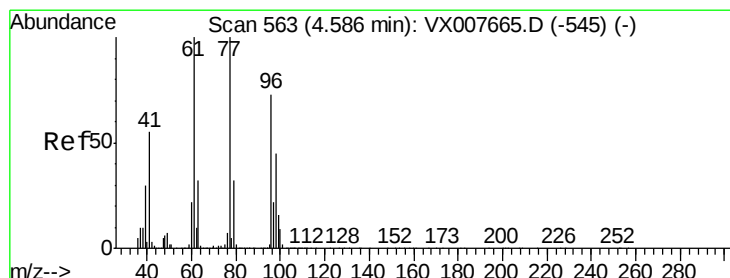
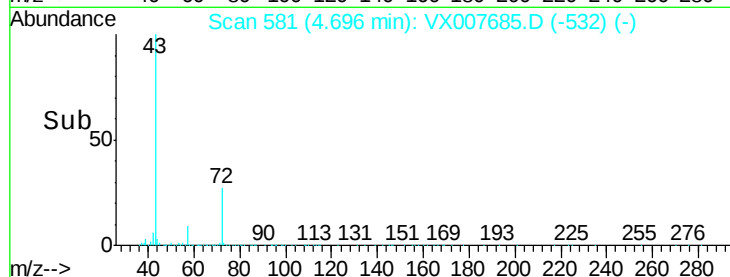
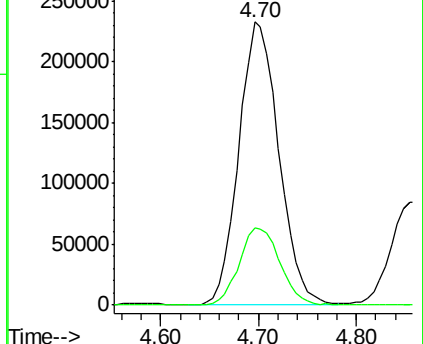
Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 40.494 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007685.D

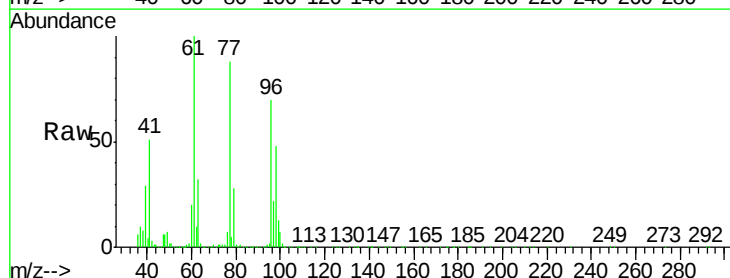
Acq: 25 Feb 2019 20:20

Tgt Ion: 77 Resp: 202969

Ion Ratio Lower Upper

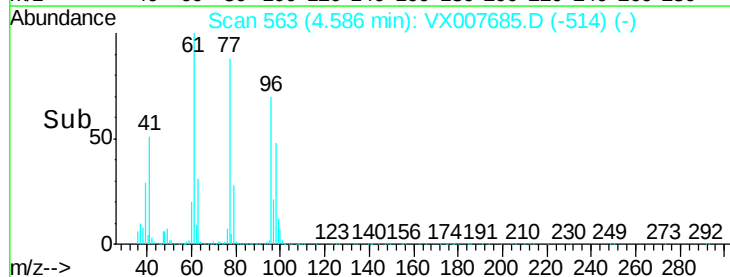
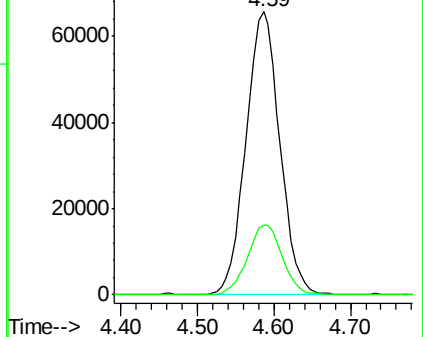
77 100

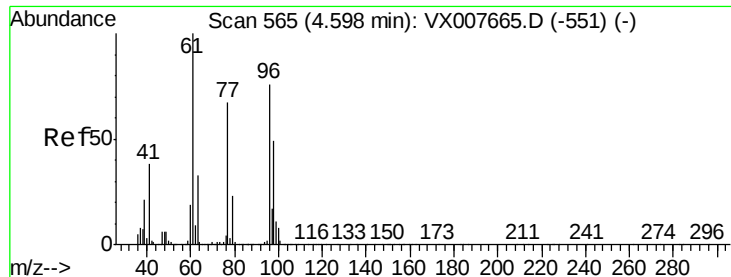
97 25.7 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

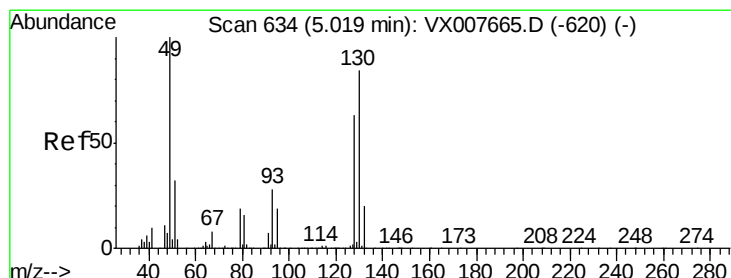
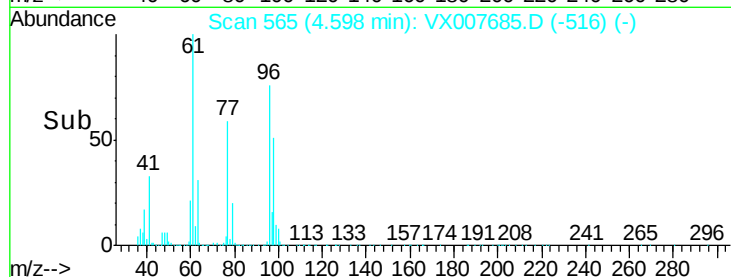
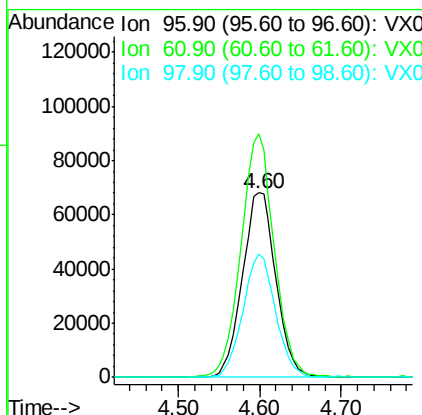
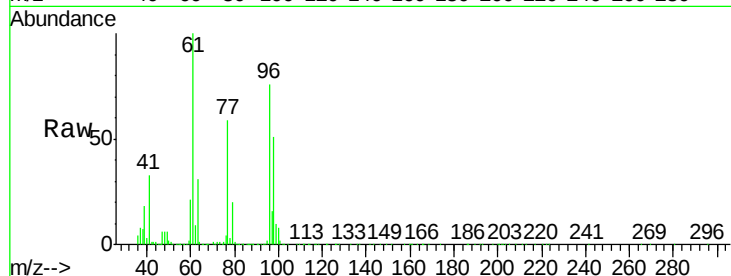
cis-1,2-Dichloroethene
Concen: 46.955 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	130.1	0.0	265.6	
98	65.2	0.0	131.6	

Manual Integrations
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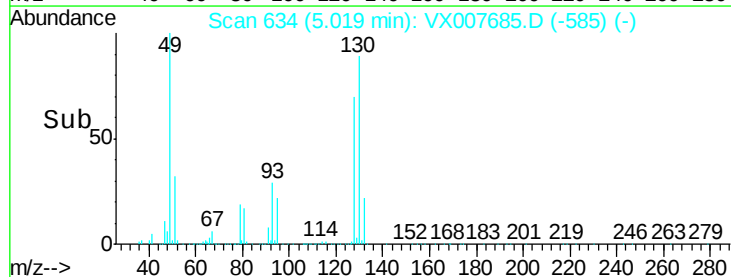
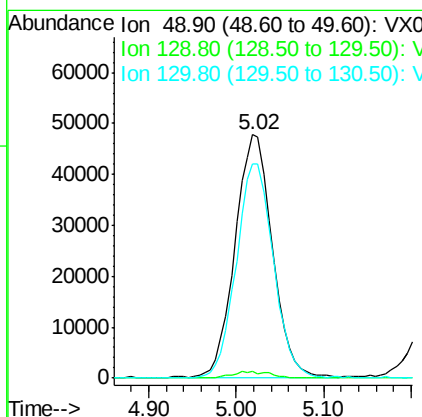
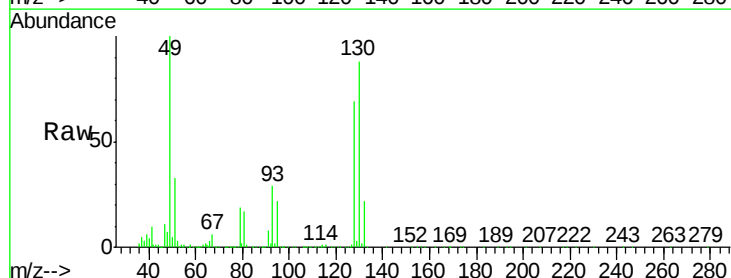
MMDadoda
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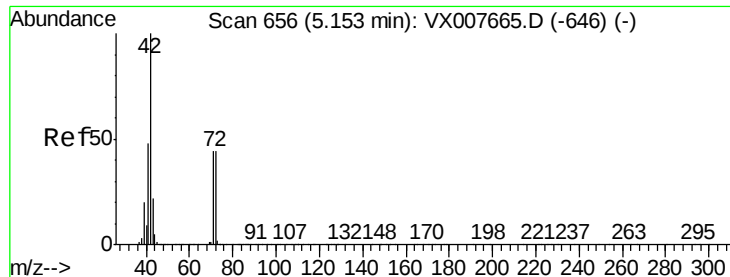


#28

Bromochloromethane
Concen: 46.074 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.9	0.0	5.6	
130	88.6	75.6	113.4	





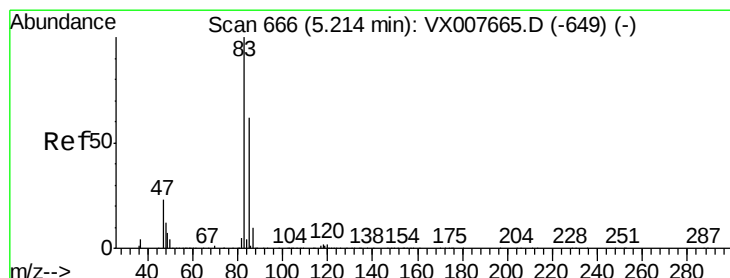
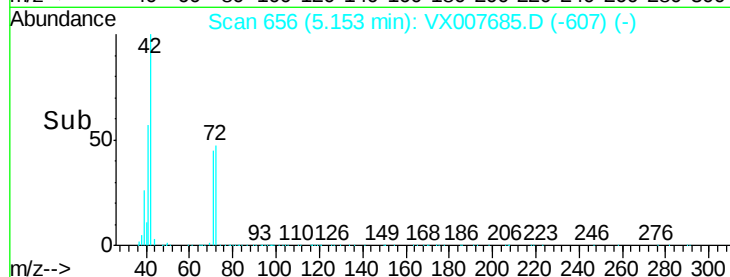
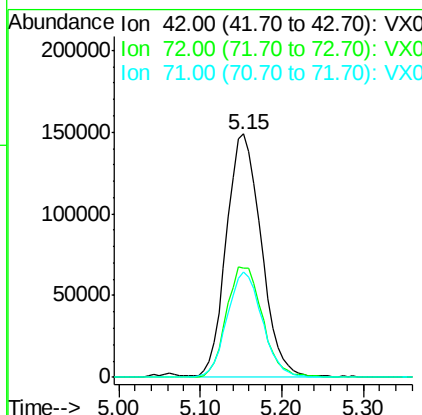
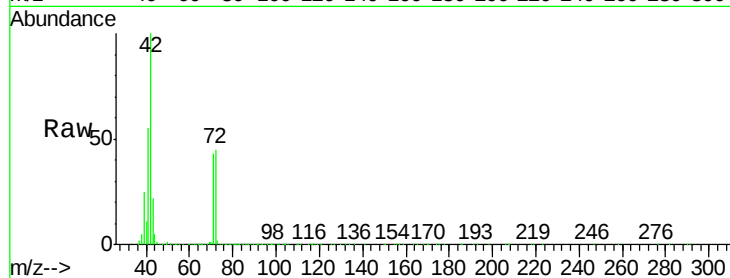
#29
Tetrahydrofuran
Concen: 229.771 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.3	37.6	56.4
71	43.8	34.6	51.8

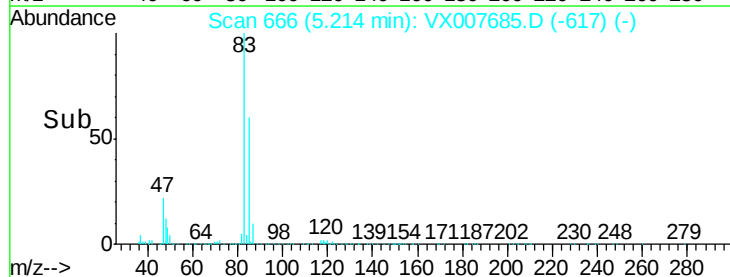
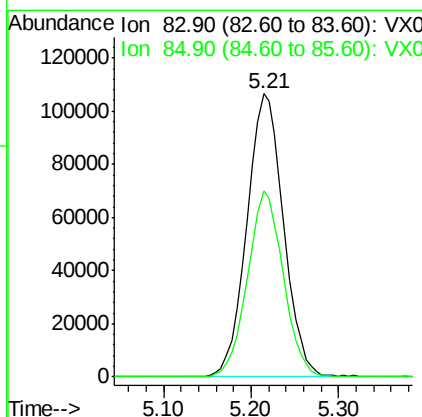
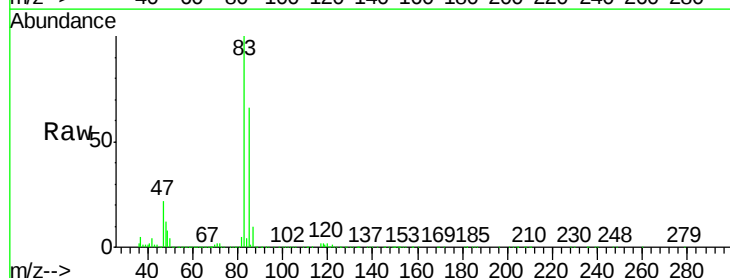
Manual Integrations
APPROVED

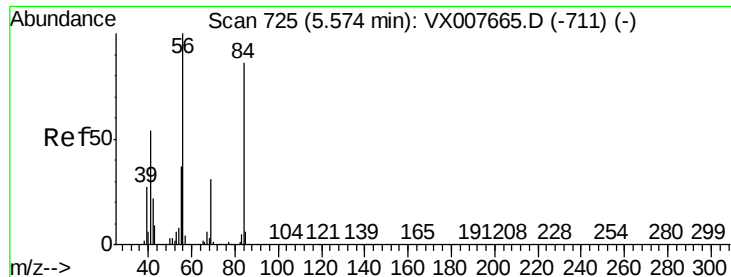
MMDadoda
2/26/2019 2:58:11 PM



#30
Chloroform
Concen: 45.994 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.6	77.4





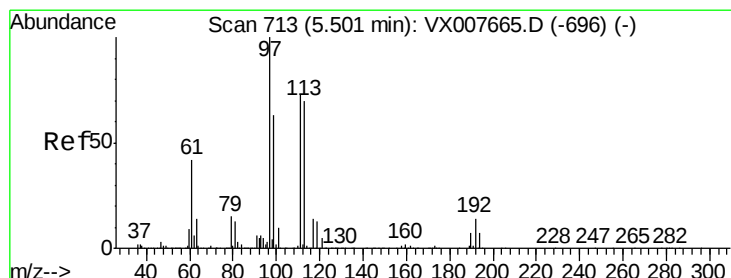
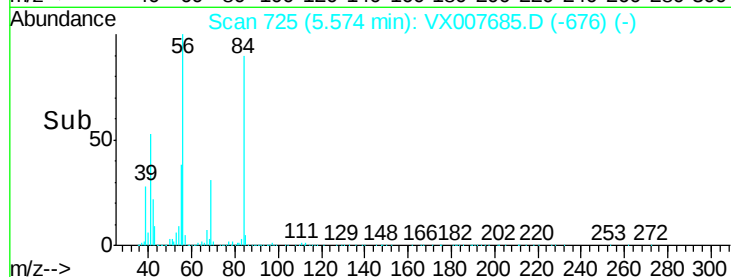
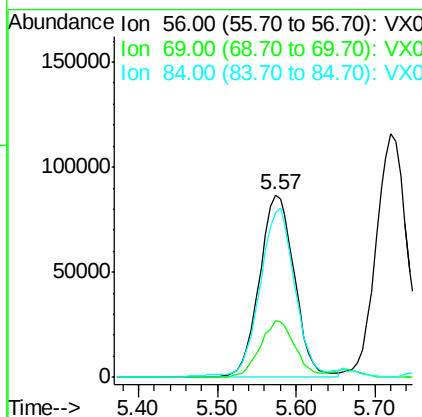
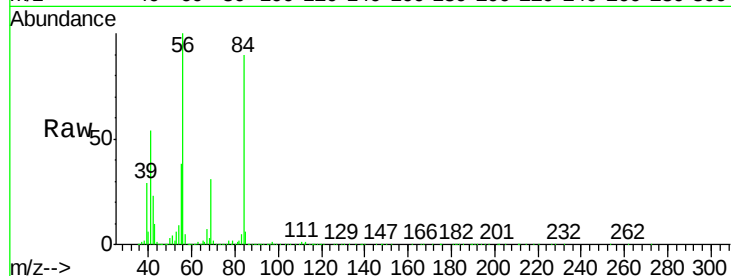
#31
Cyclohexane
Concen: 45.313 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.8	23.0	34.6
84	89.6	69.8	104.6

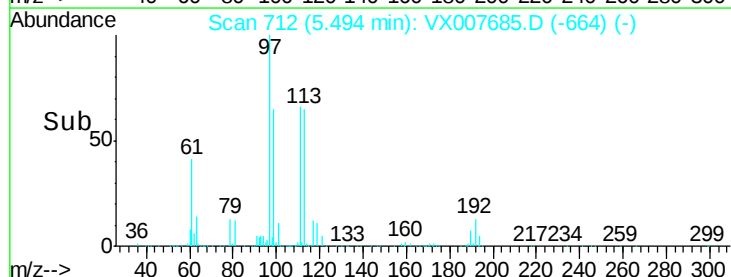
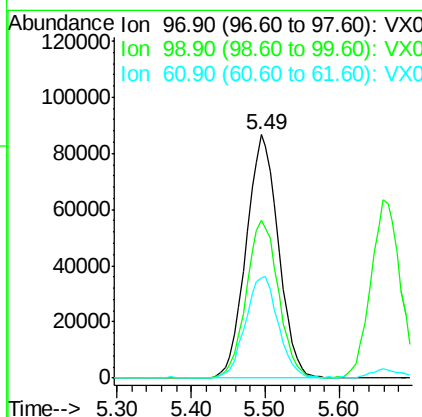
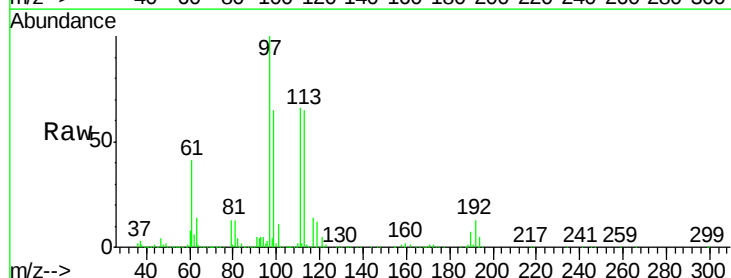
Manual Integrations
APPROVED

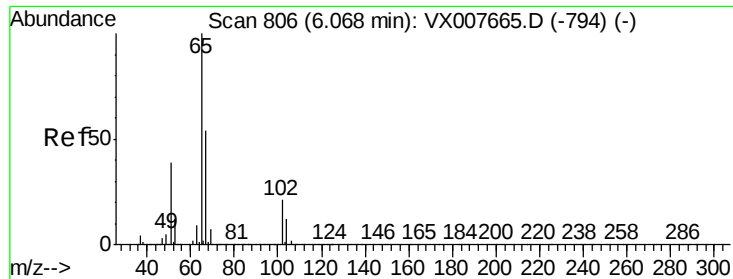
MMDadoda
2/26/2019 2:58:11 PM



#32
1,1,1-Trichloroethane
Concen: 47.303 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.2	78.2
61	42.0	32.7	49.1





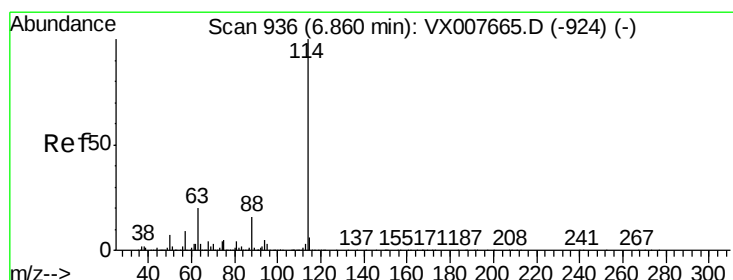
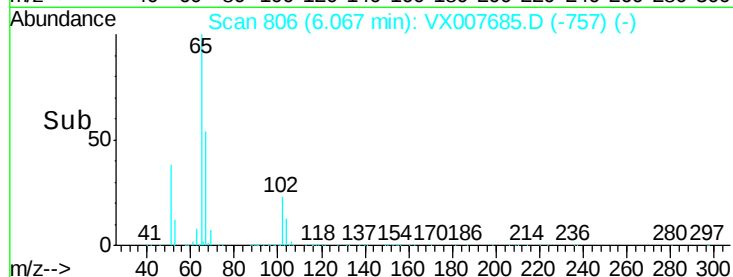
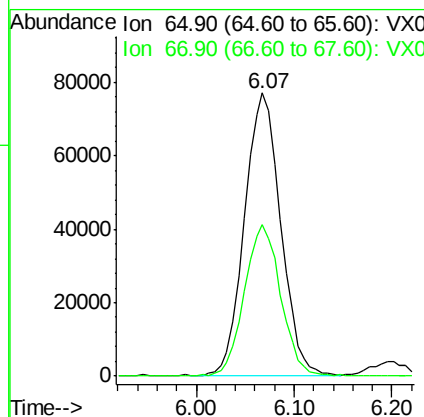
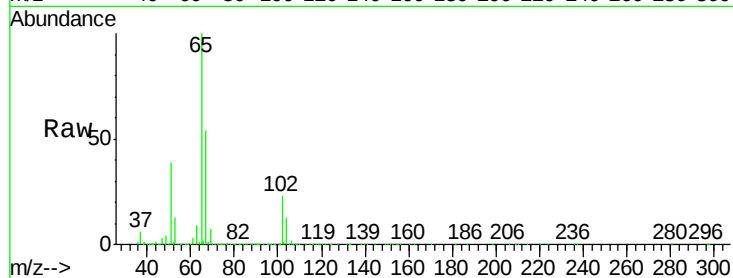
#33
 1,2-Dichloroethane-d4
 Concen: 46.445 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007685.D
 Acq: 25 Feb 2019 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	197421		
67	54.0	0.0	108.8	

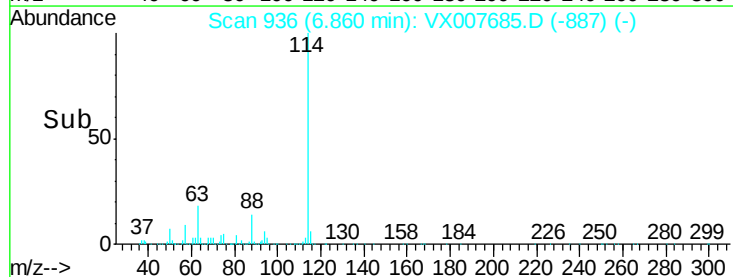
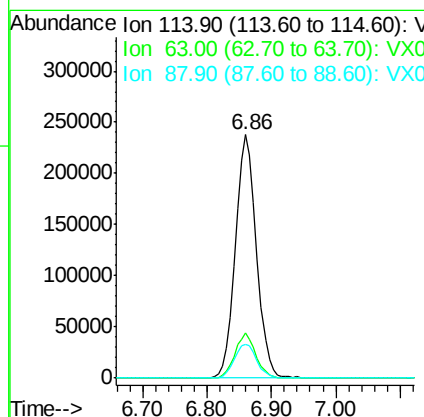
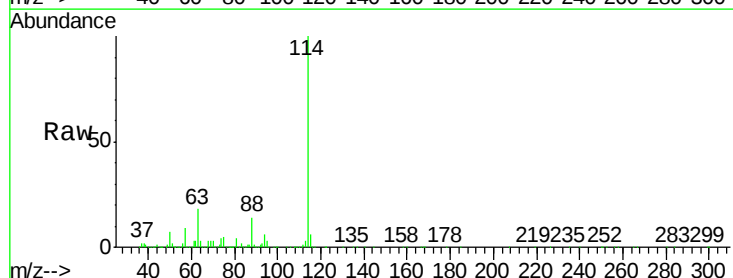
Manual Integrations
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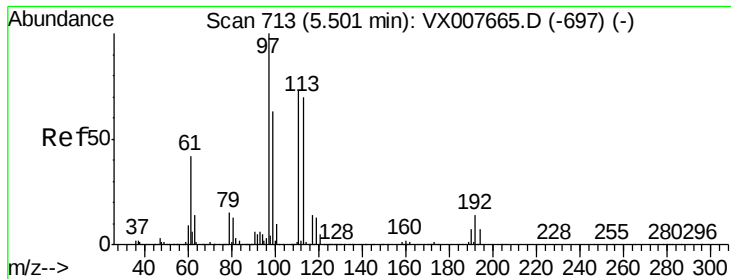
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007685.D
 Acq: 25 Feb 2019 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	543665		
63	18.4	0.0	35.6	
88	13.6	0.0	29.6	





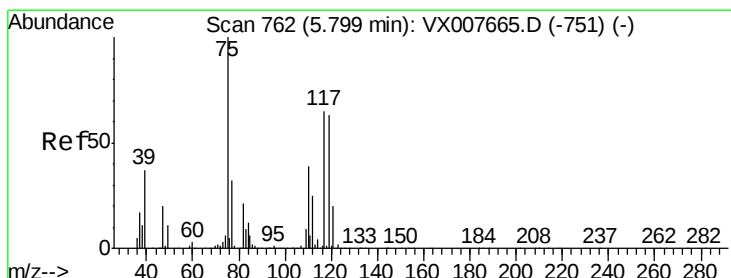
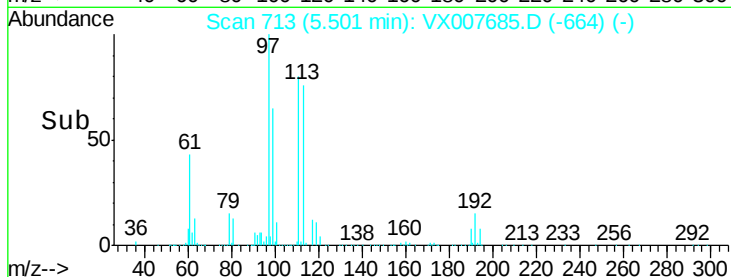
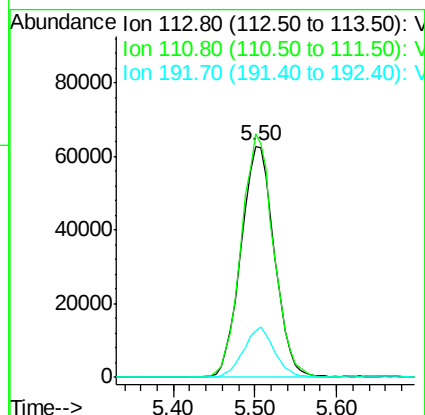
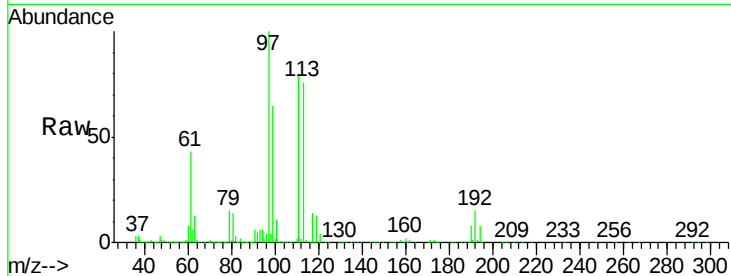
#35
 Dibromofluoromethane
 Concen: 49.213 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX007685.D
 Acq: 25 Feb 2019 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	178853		
111	102.4	81.8	122.8	
192	20.2	18.5	27.7	

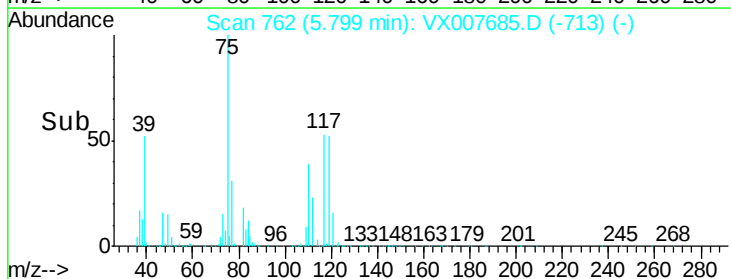
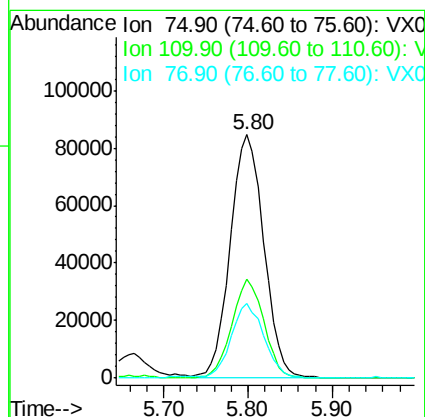
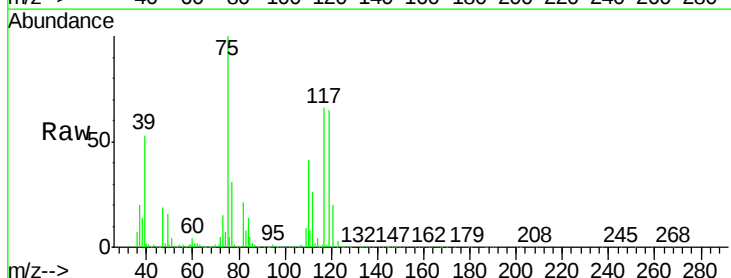
Manual Integrations
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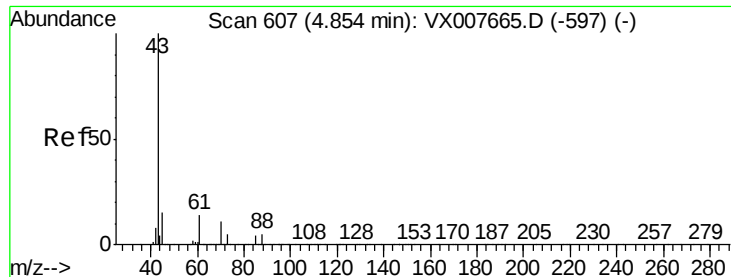
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#36
 1,1-Dichloropropene
 Concen: 46.554 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007685.D
 Acq: 25 Feb 2019 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	227542		
110	39.3	20.0	59.9	
77	30.1	24.7	37.1	





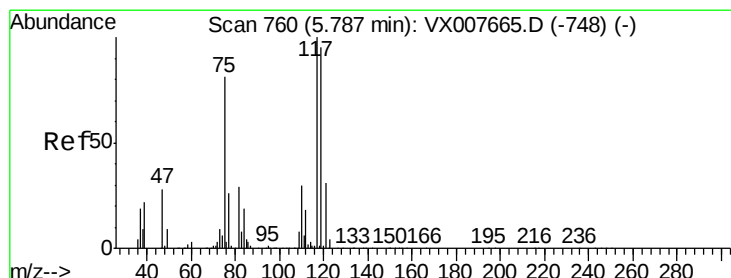
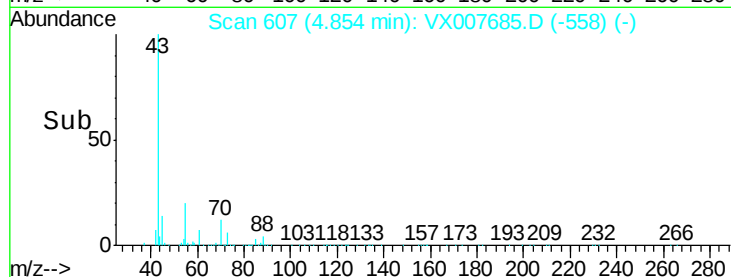
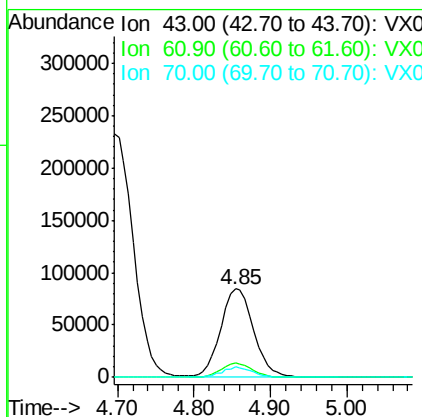
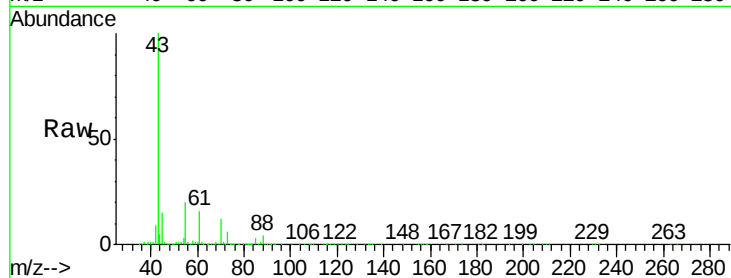
#37
Ethyl Acetate
Concen: 46.459 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	11.3	16.9
70	11.1	8.6	13.0

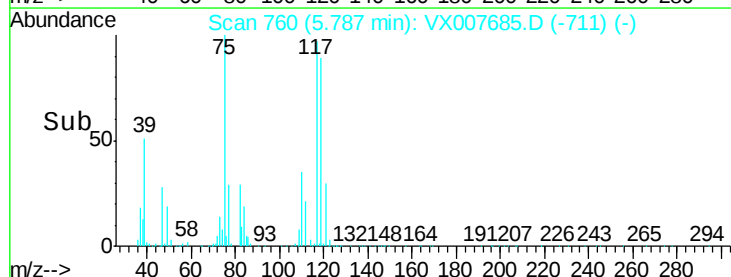
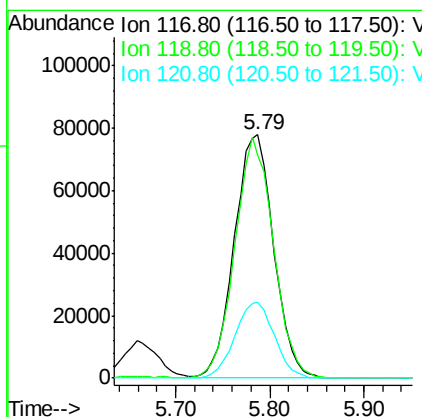
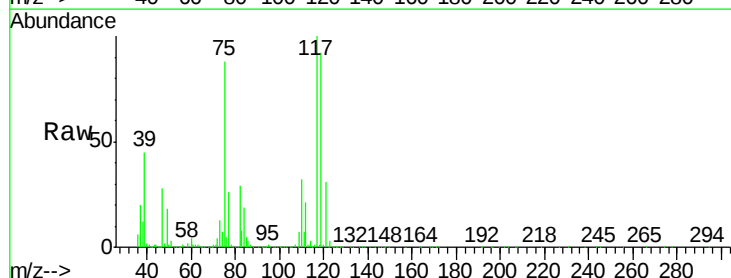
Manual Integrations
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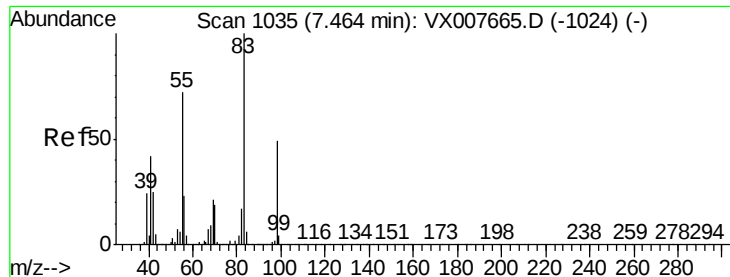
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2/26/2019 2:58:11 PM



#38
Carbon Tetrachloride
Concen: 46.320 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.6	75.3	112.9
121	31.2	25.0	37.4





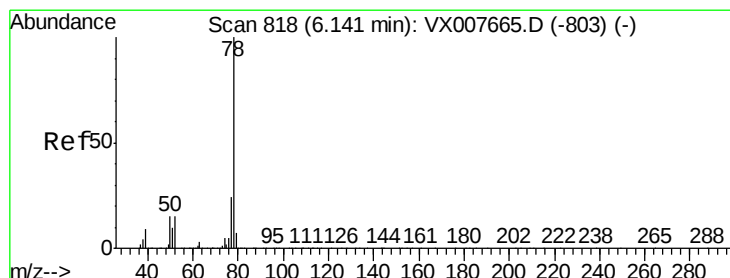
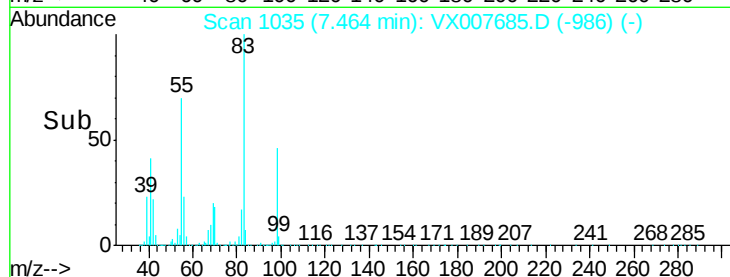
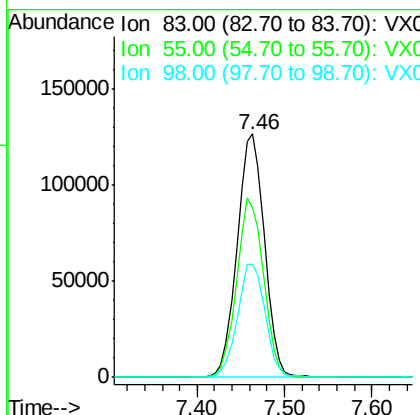
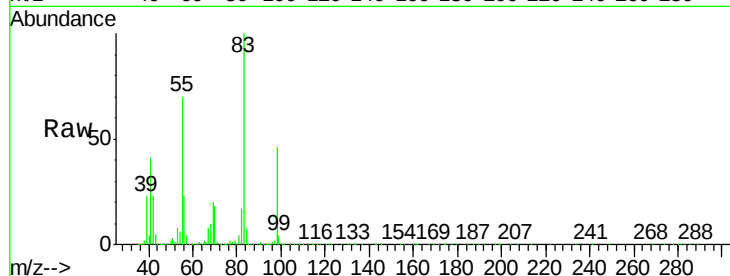
#39
Methvlcvclohexane
Concen: 44.516 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.8	56.2	84.2
98	46.4	36.8	55.2

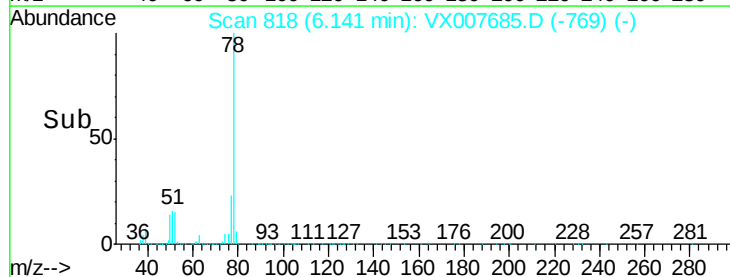
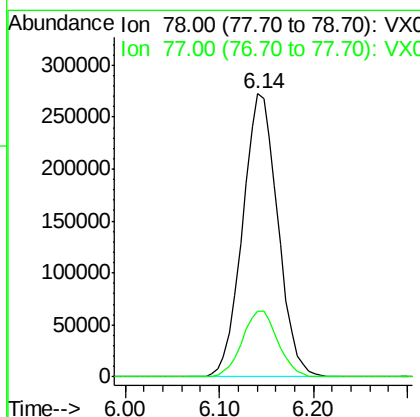
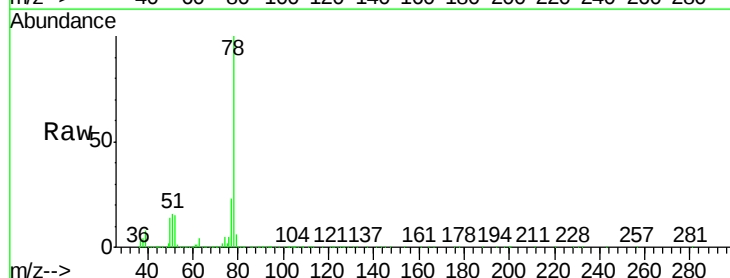
Manual Integrations
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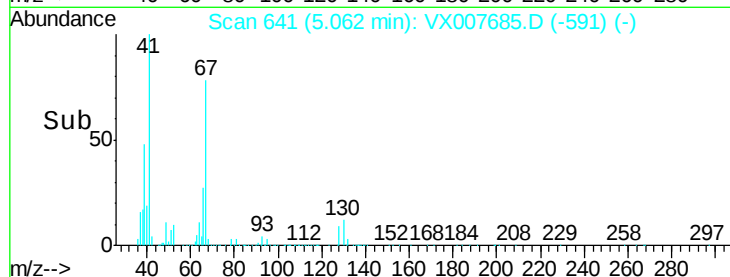
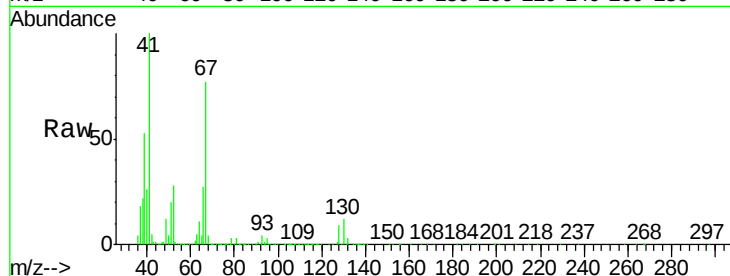
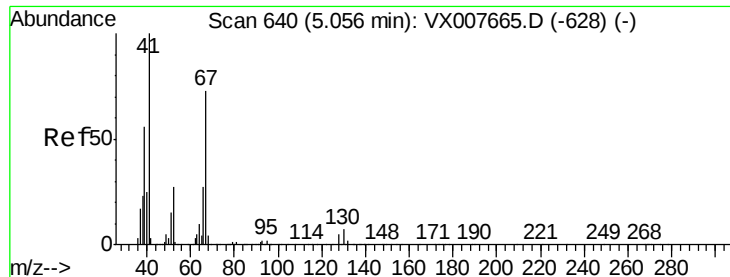
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#40
Benzene
Concen: 47.155 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.3	28.9





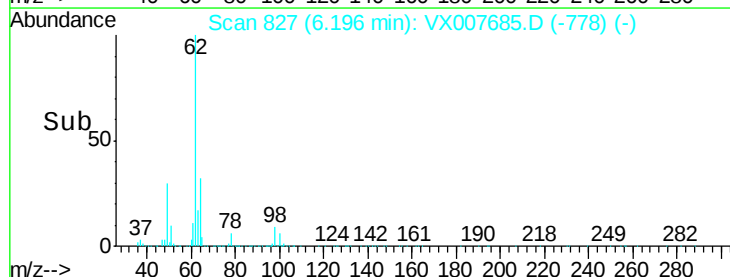
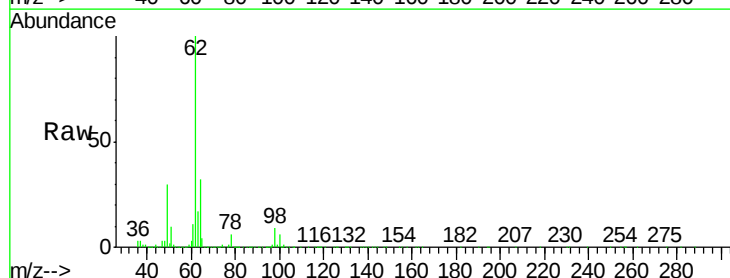
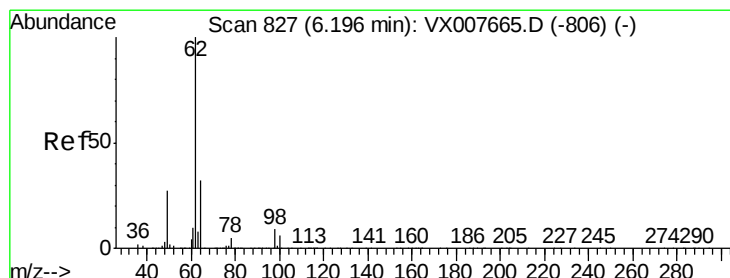
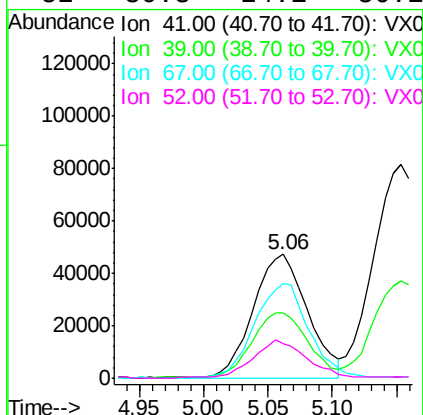
#41
Methacrylonitrile
Concen: 47.421 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		137486		
39	53.8	44.5	66.7		
67	77.0	60.4	90.6		
52	30.3	24.1	36.1		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

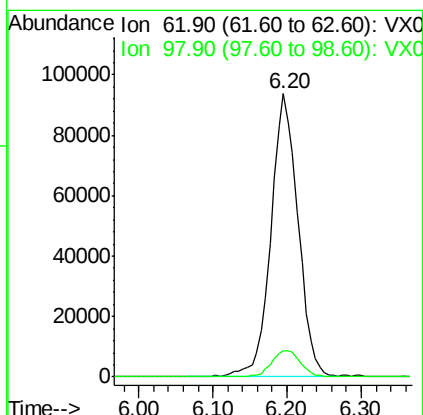
Manual Integrations
APPROVED

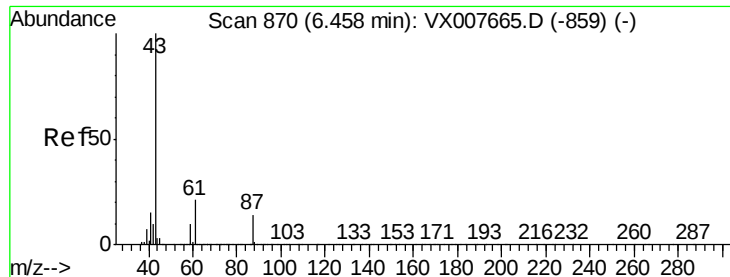
MMDadoda
2/26/2019 2:58:11 PM



#42
1,2-Dichloroethane
Concen: 46.795 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		237310		
98	9.9	0.0	19.0		





#43

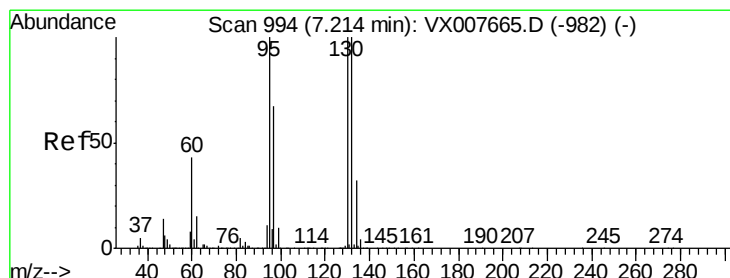
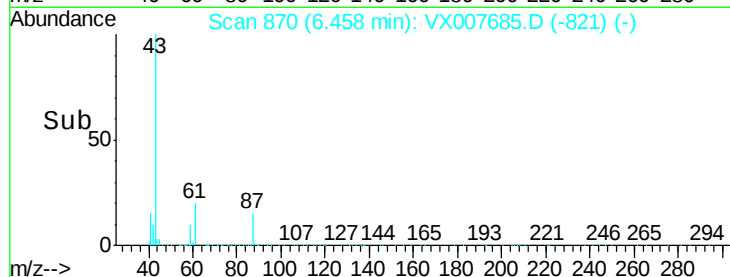
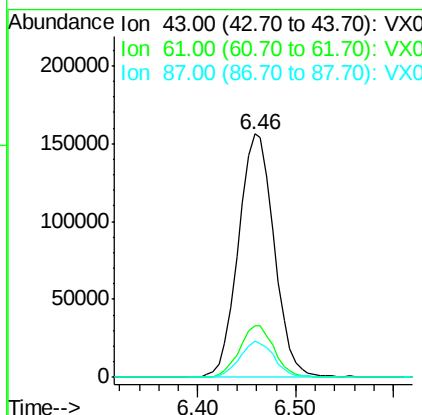
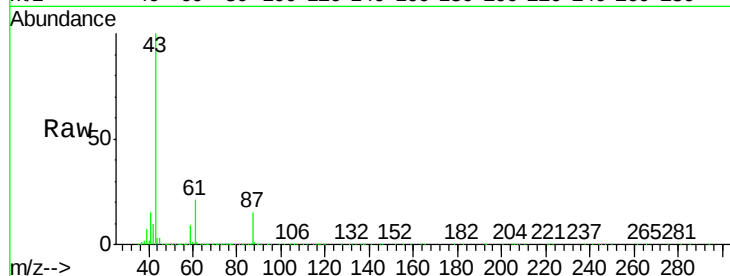
Isopropyl Acetate
 Concen: 47.189 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007685.D
 Acq: 25 Feb 2019 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.1	24.1
87	14.2	11.5	17.3

Manual Integrations
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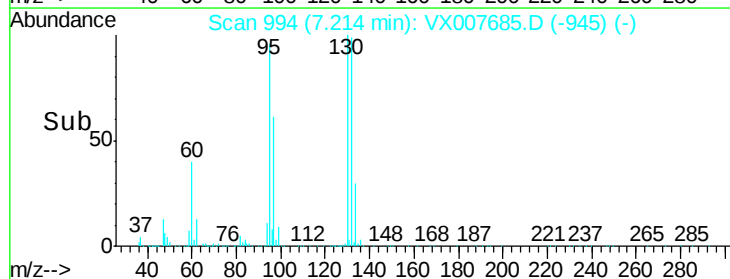
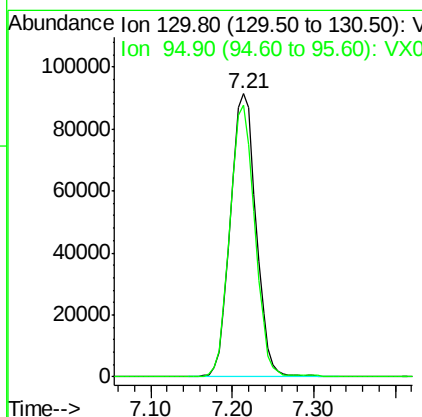
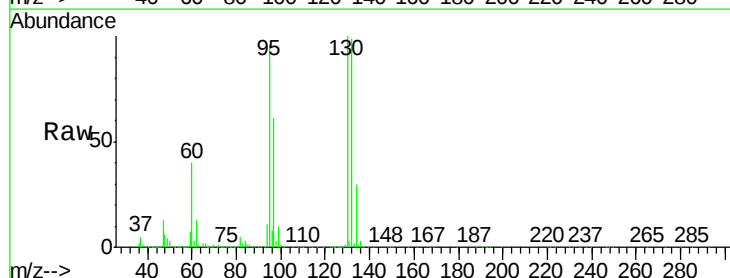
MMDadoda
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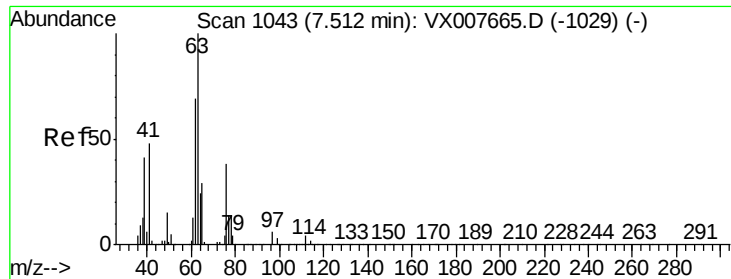


#44

Trichloroethene
 Concen: 47.351 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007685.D
 Acq: 25 Feb 2019 20:20

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	180.0





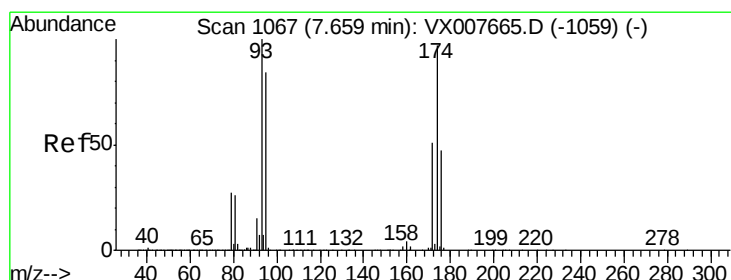
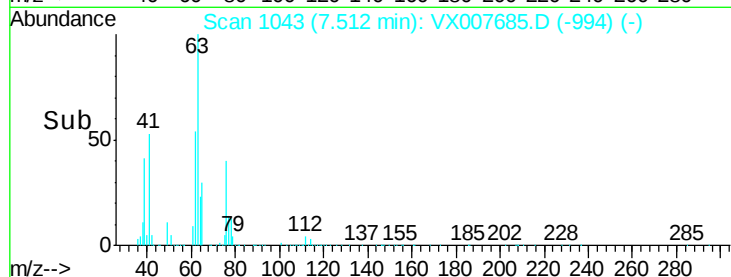
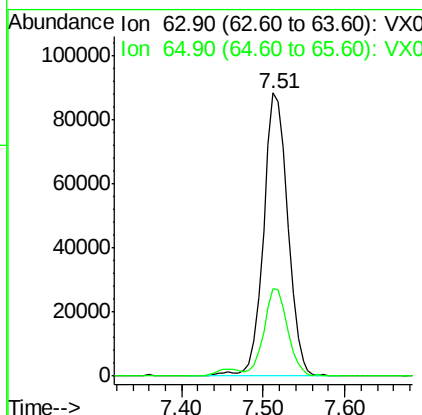
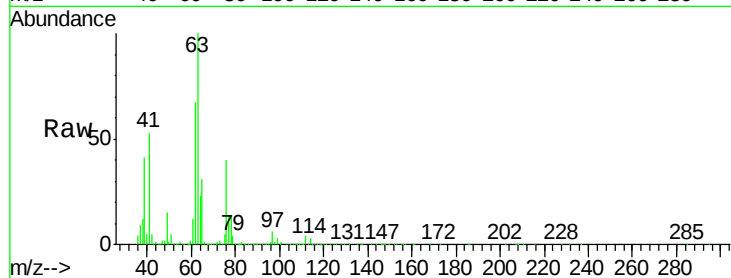
#45
 1,2-Dichloropropane
 Concen: 46.757 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX007685.D
 Acq: 25 Feb 2019 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.9	24.2	36.2

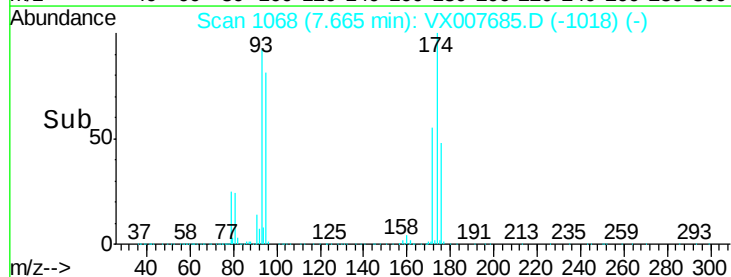
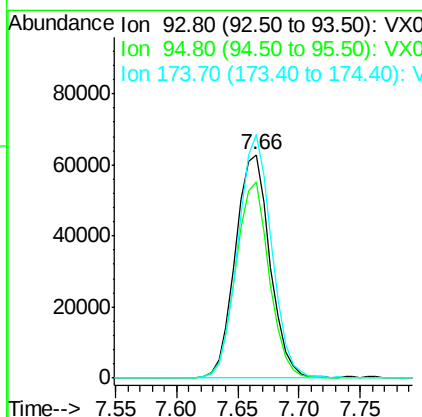
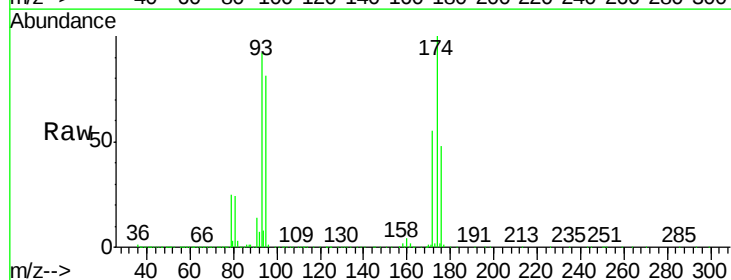
Manual Integrations
 APPROVED

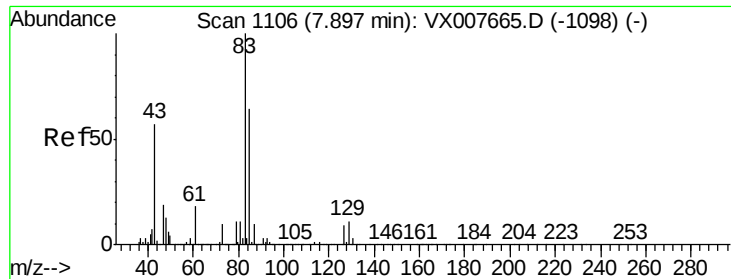
MMDadoda
 2/26/2019 2:58:11 PM



#46
 Dibromomethane
 Concen: 45.053 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX007685.D
 Acq: 25 Feb 2019 20:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.4	67.6	101.4
174	106.6	94.2	141.4





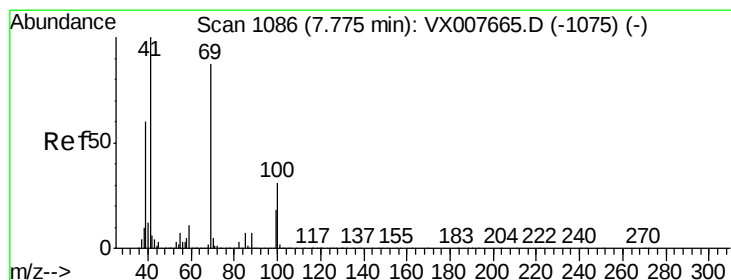
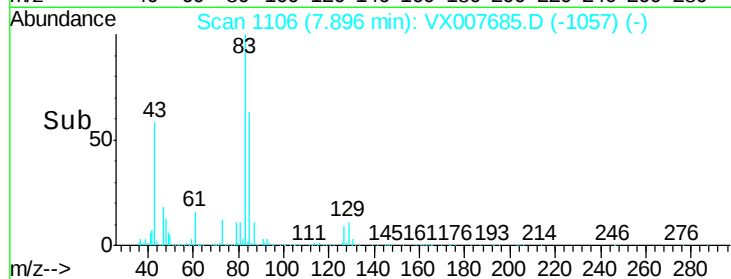
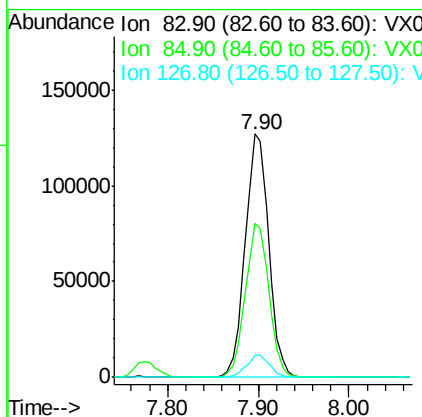
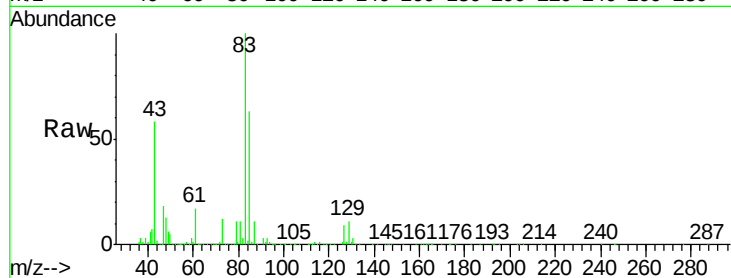
#47
Bromodichloromethane
Concen: 48.126 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.4	77.0
127	8.9	8.1	12.1

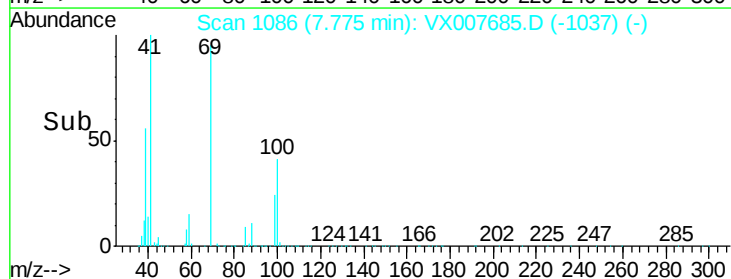
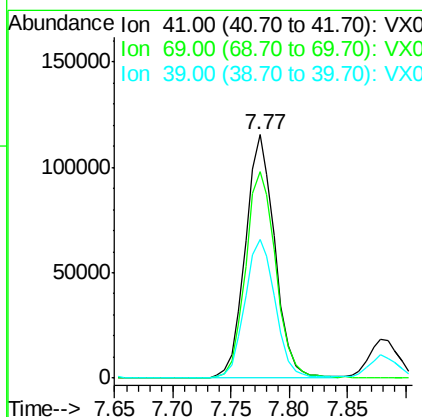
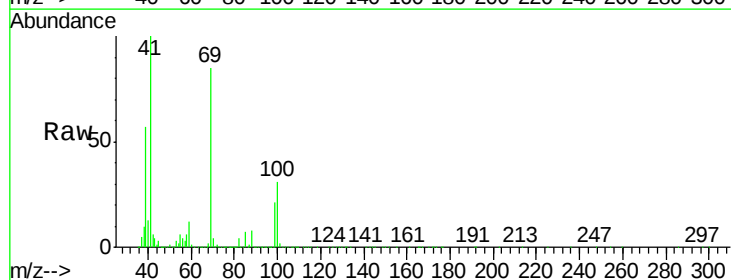
Manual Integrations
APPROVED

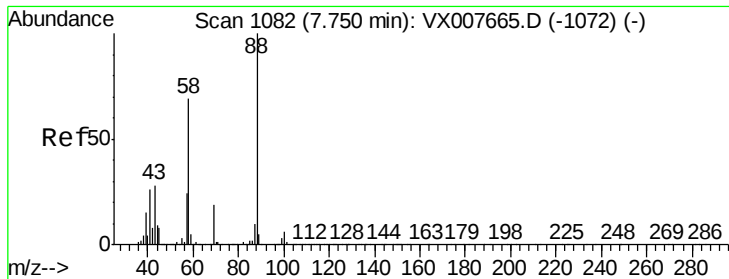
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#48
Methyl methacrylate
Concen: 46.265 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Tgt Ion	Ratio	Lower	Upper
41	100		
69	87.3	70.2	105.4
39	58.6	47.4	71.0





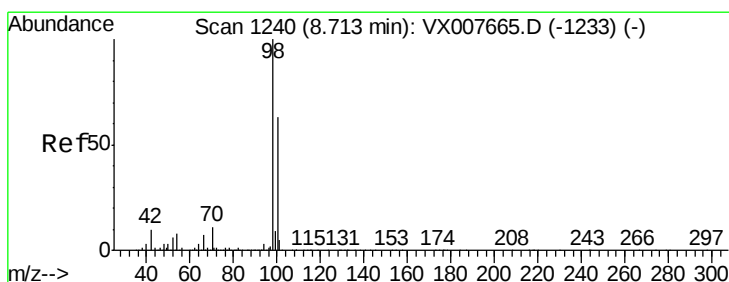
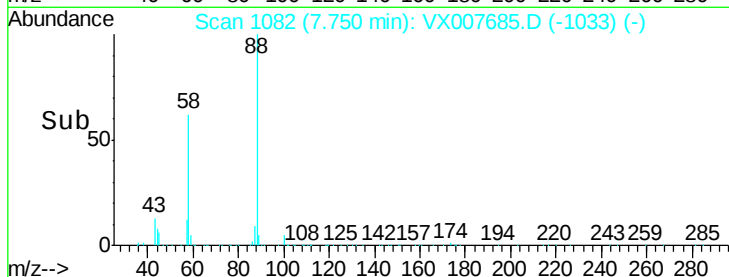
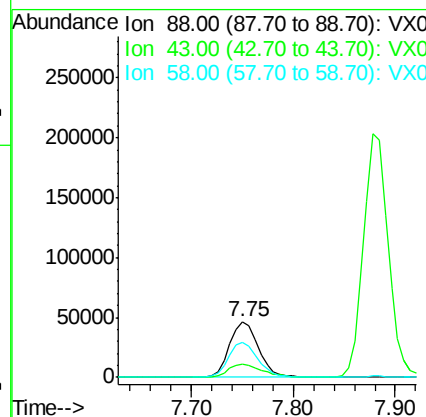
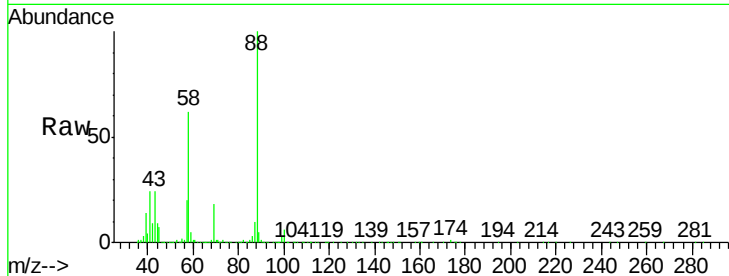
#49
1,4-Dioxane
Concen: 966.499 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.3	24.2	36.4
58	64.1	53.0	79.4

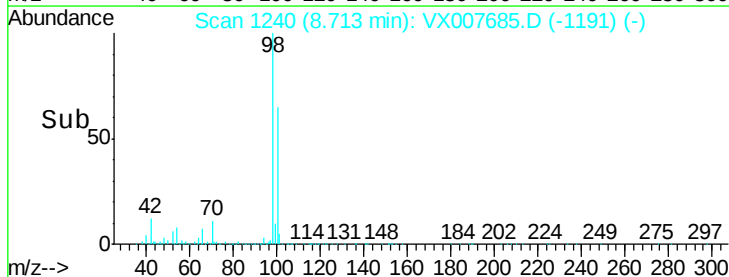
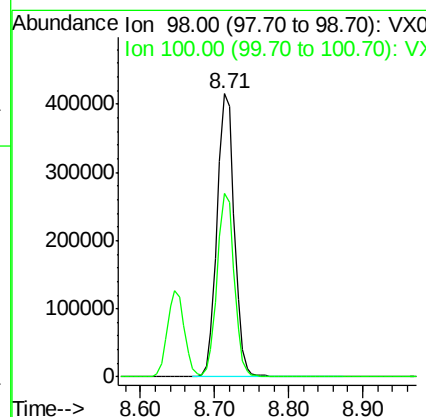
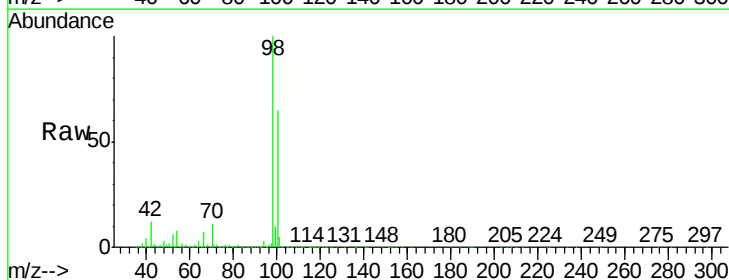
Manual Integrations
APPROVED

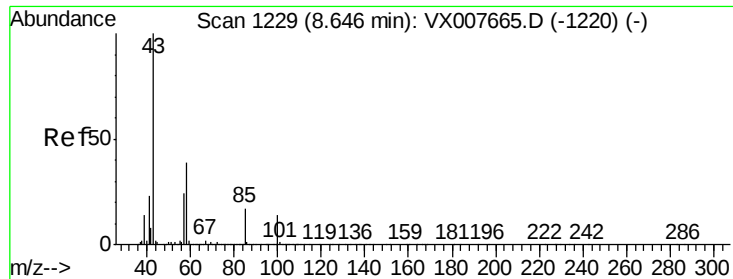
MMDadoda
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#50
Toluene-d8
Concen: 47.522 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 235.005 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1314504

Ion Ratio Lower Upper

43 100

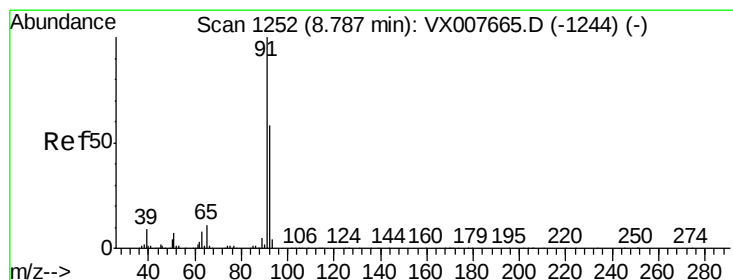
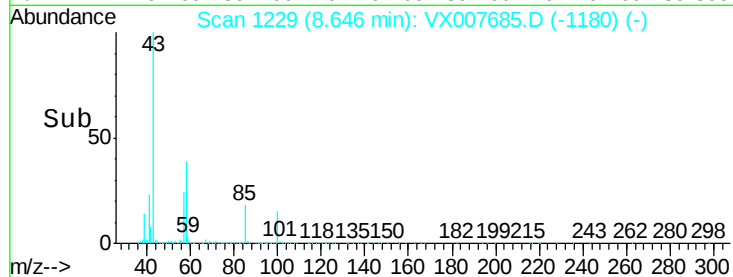
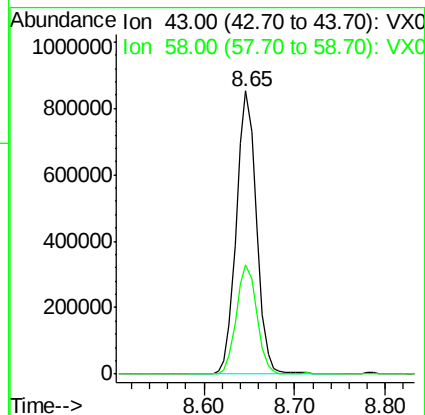
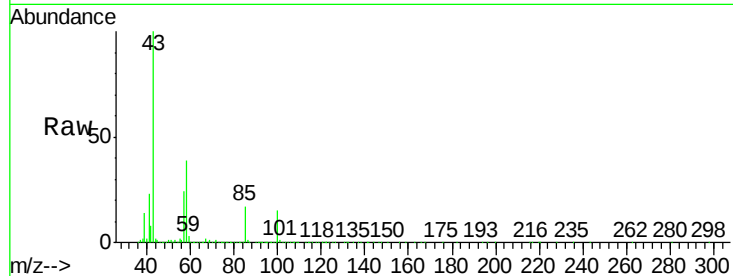
58 39.1 31.2 46.8

Manual Integrations

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#52

Toluene

Concen: 47.212 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007685.D

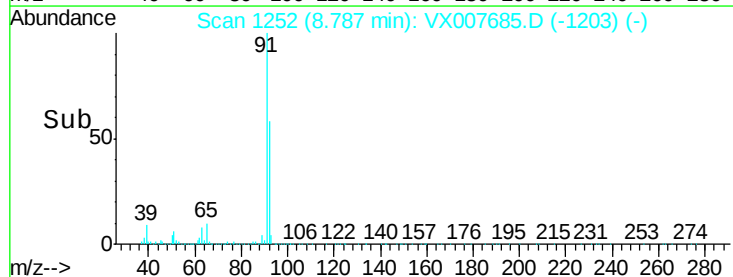
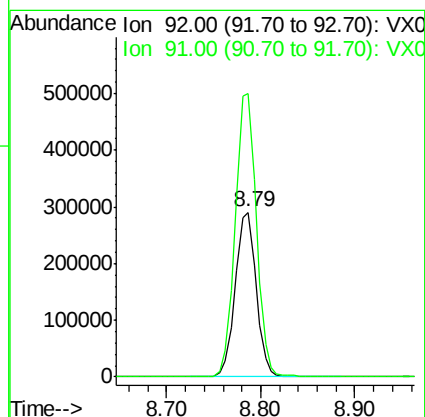
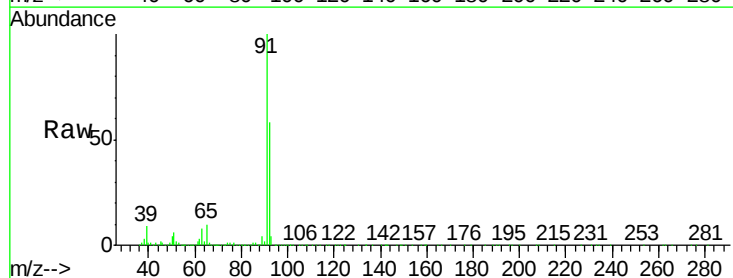
Acq: 25 Feb 2019 20:20

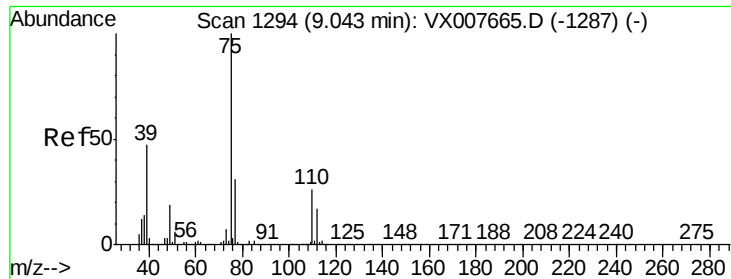
Tgt Ion: 92 Resp: 449189

Ion Ratio Lower Upper

92 100

91 173.7 139.1 208.7





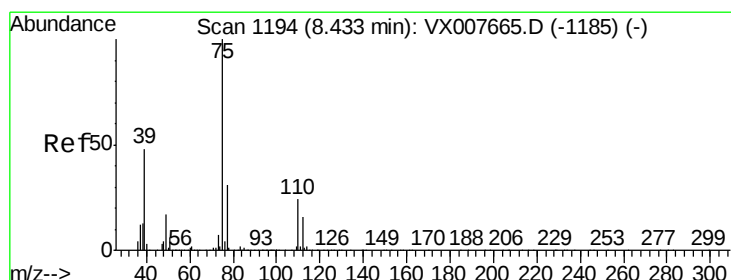
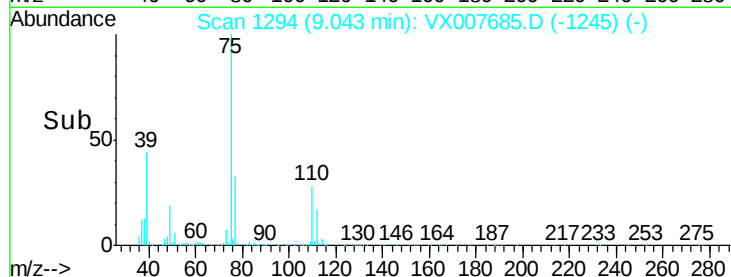
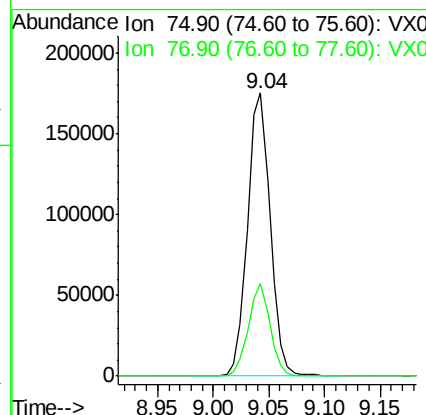
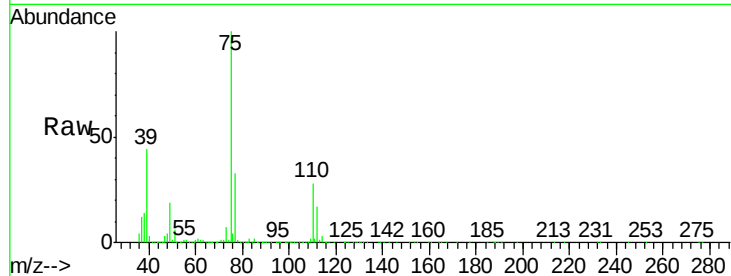
#53
t-1,3-Dichloropropene
Concen: 42.464 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 246827
Ion Ratio Lower Upper
75 100
77 32.5 25.2 37.8

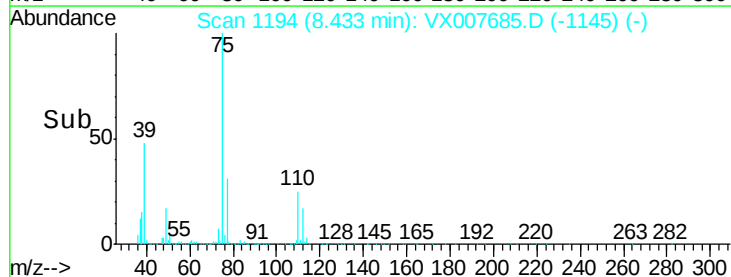
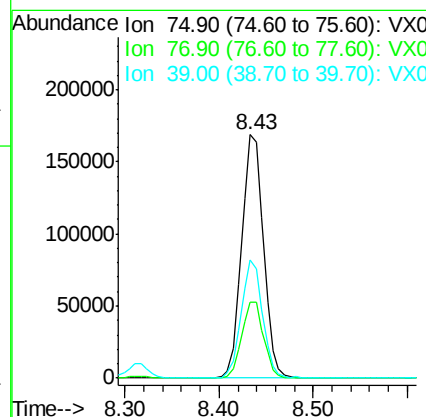
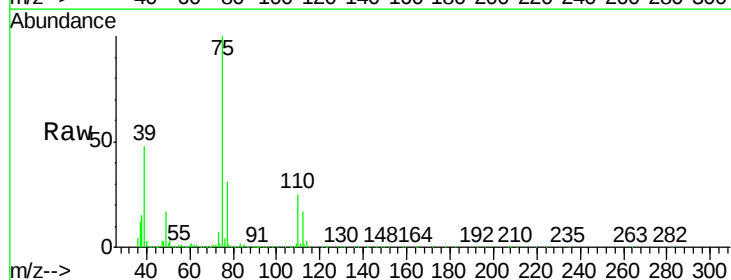
Manual Integrations
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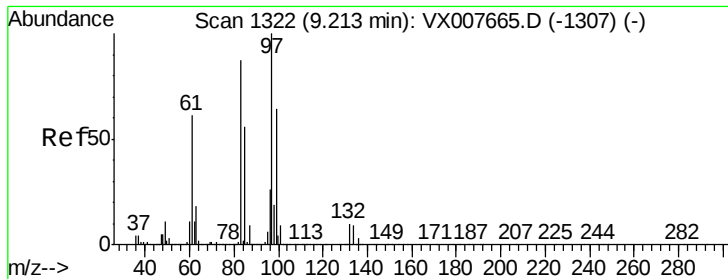
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#54
cis-1,3-Dichloropropene
Concen: 47.558 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Tgt Ion: 75 Resp: 272708
Ion Ratio Lower Upper
75 100
77 31.0 26.2 39.4
39 48.2 37.1 55.7





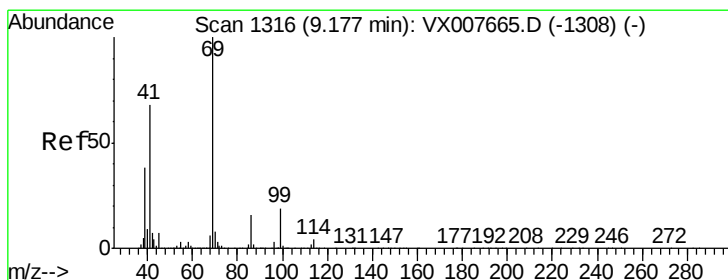
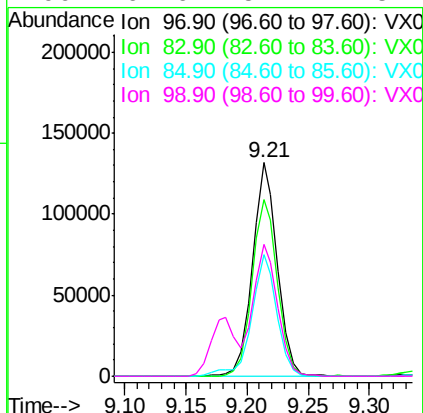
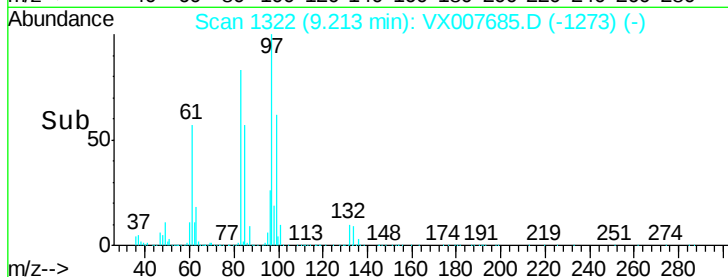
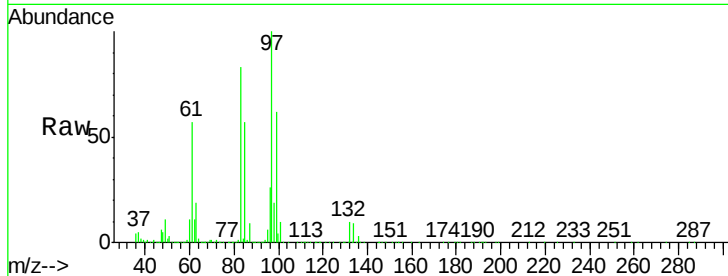
#55
 1,1,2-Trichloroethane
 Concen: 46.785 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007685.D
 Acq: 25 Feb 2019 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		185623		
83	82.6	68.6	102.8		
85	57.0	44.5	66.7		
99	61.6	52.2	78.4		

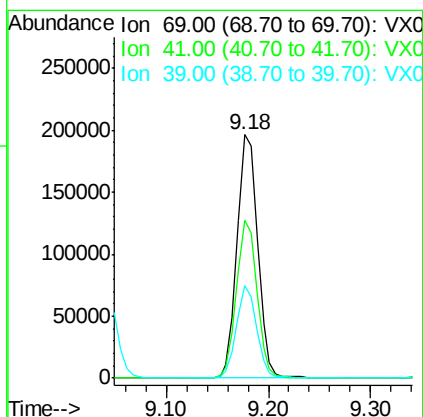
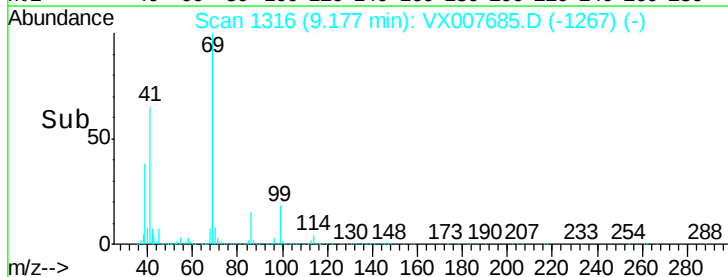
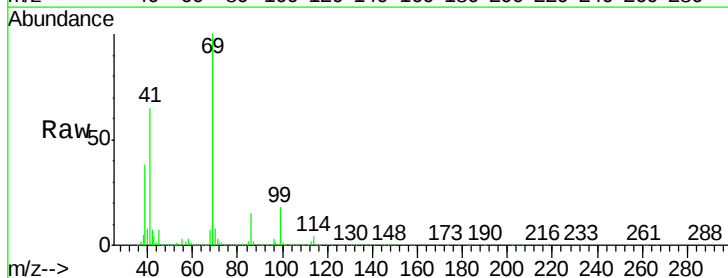
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#56
 Ethyl methacrylate
 Concen: 48.605 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007685.D
 Acq: 25 Feb 2019 20:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		274238		
41	64.2	52.1	78.1		
39	36.6	30.1	45.1		





#57

1,3-Dichloropropane

Concen: 47.539 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 301927

Ion Ratio Lower Upper

76 100

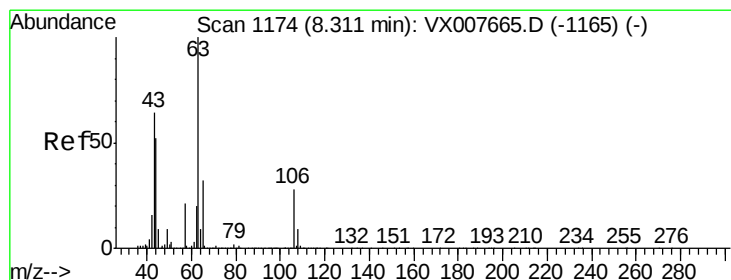
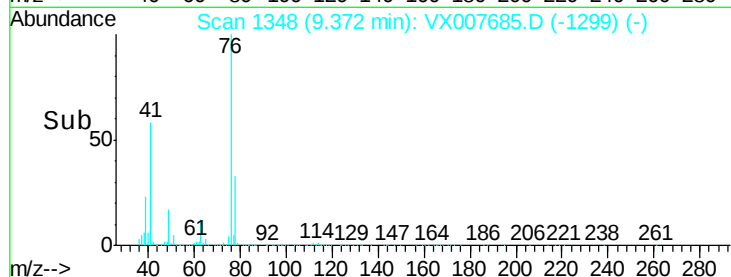
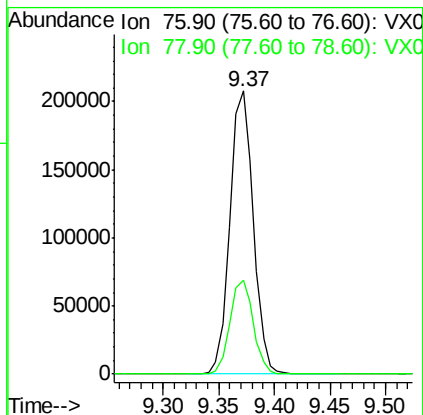
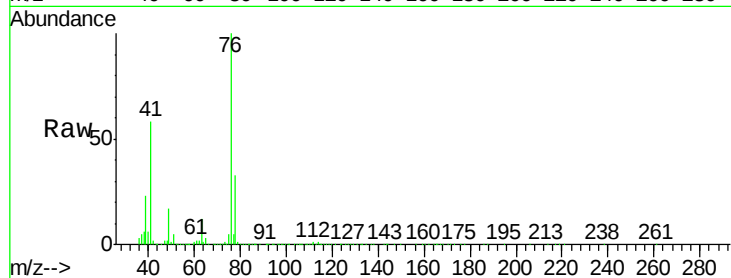
78 33.3 25.8 38.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 238.006 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007685.D

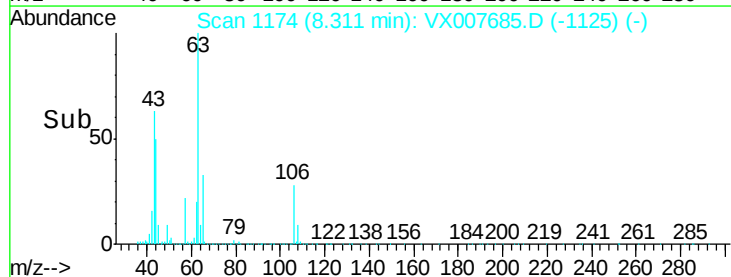
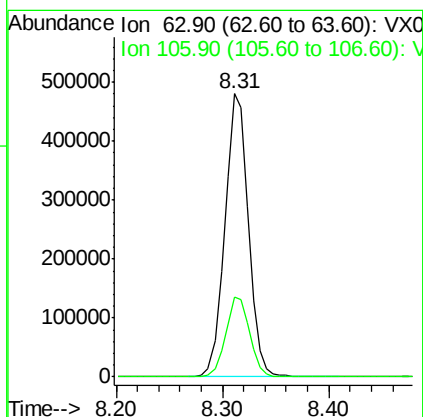
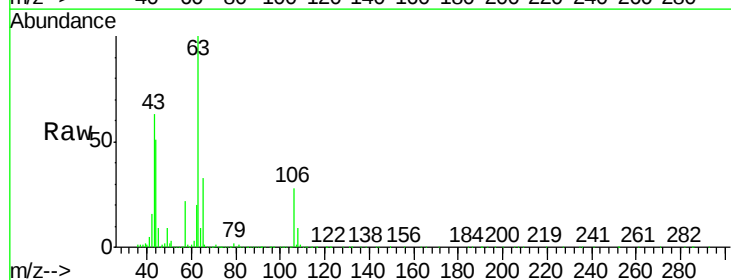
Acq: 25 Feb 2019 20:20

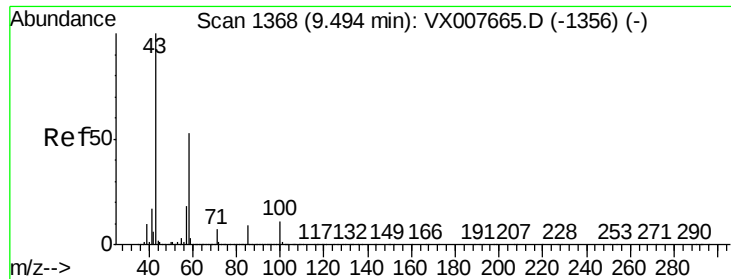
Tgt Ion: 63 Resp: 740520

Ion Ratio Lower Upper

63 100

106 28.7 23.6 35.4





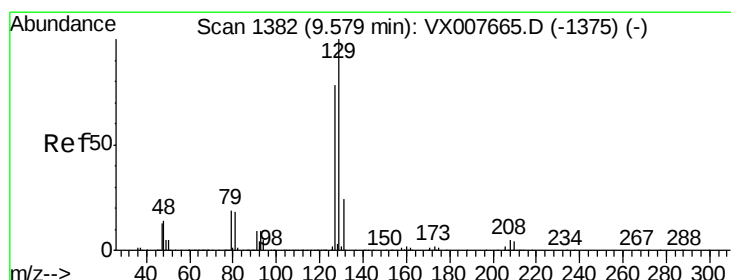
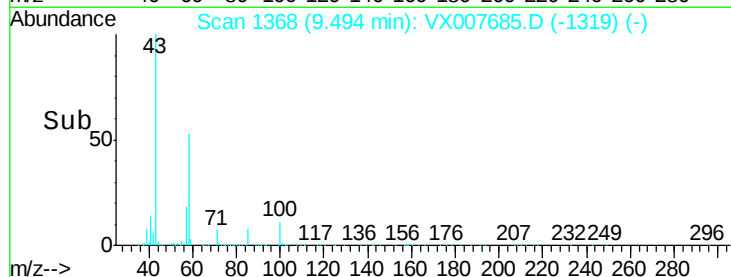
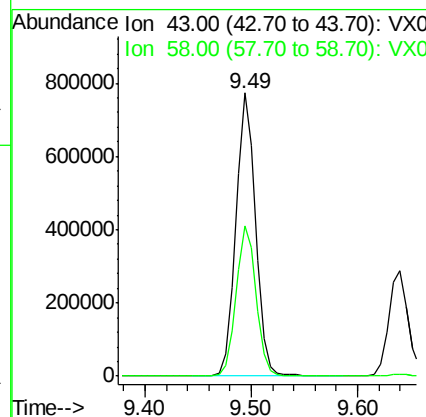
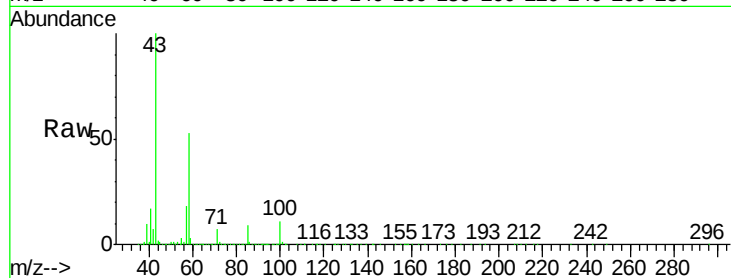
#59
2-Hexanone
Concen: 228.654 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1004113
Ion Ratio Lower Upper
43 100
58 54.0 27.1 81.3

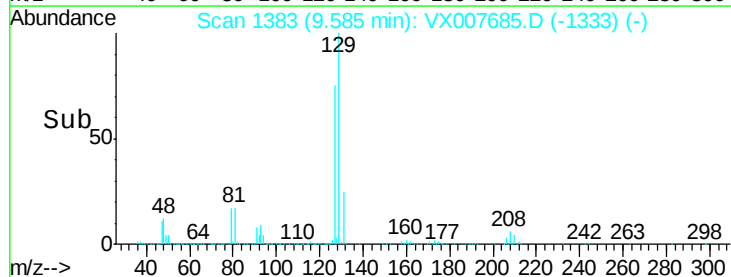
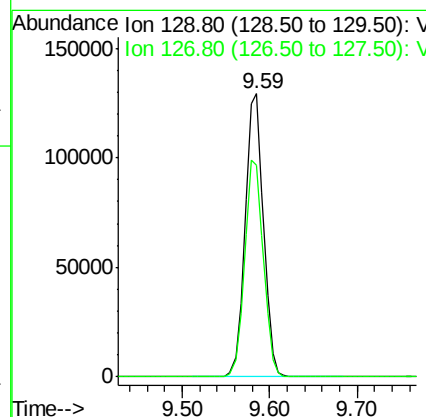
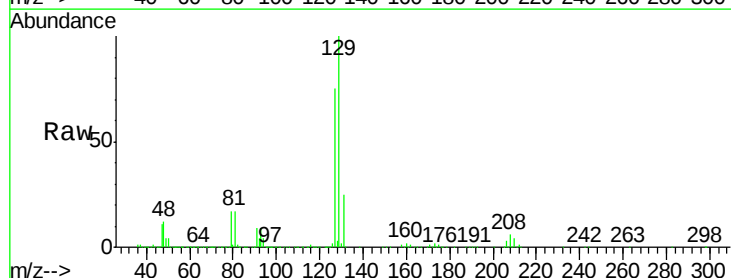
Manual Integrations
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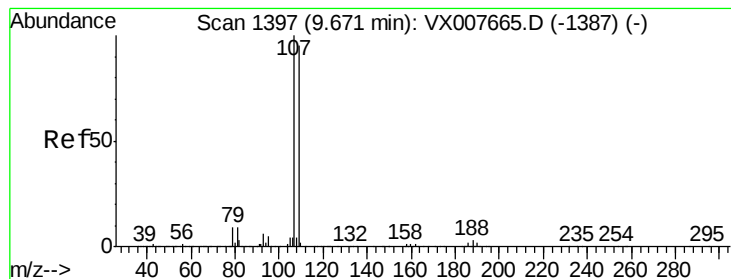
MMDadoda
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#60
Dibromochloromethane
Concen: 49.468 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Tgt Ion: 129 Resp: 188853
Ion Ratio Lower Upper
129 100
127 78.0 37.8 113.4





#61

1,2-Dibromoethane

Concen: 48.052 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 197942

Ion Ratio Lower Upper

107 100

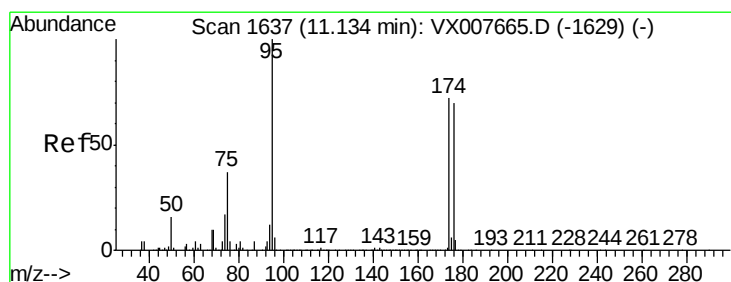
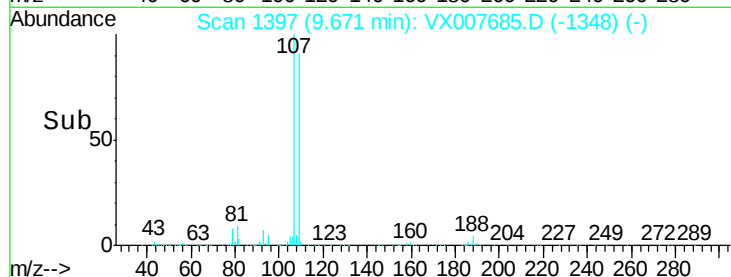
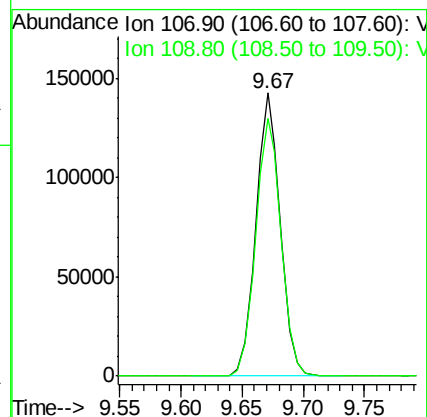
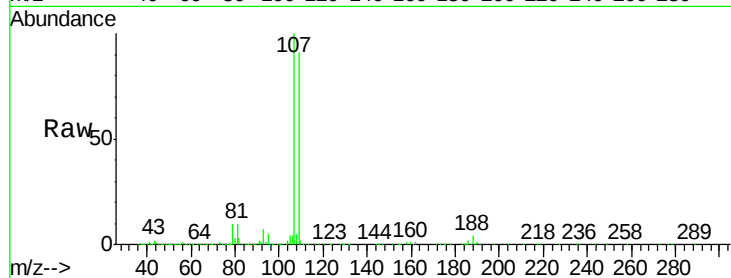
109 94.8 75.1 112.7

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#62

4-Bromofluorobenzene

Concen: 45.836 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

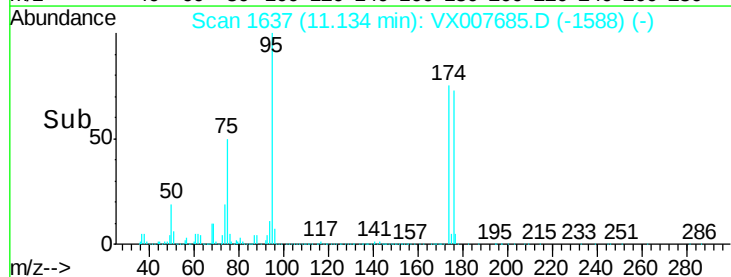
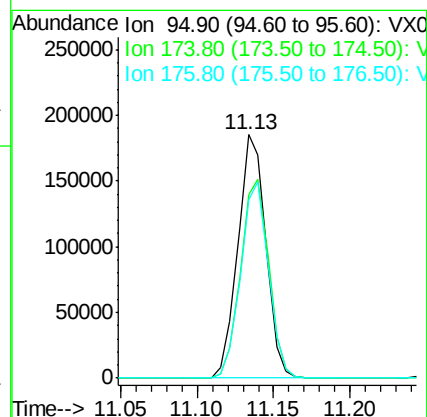
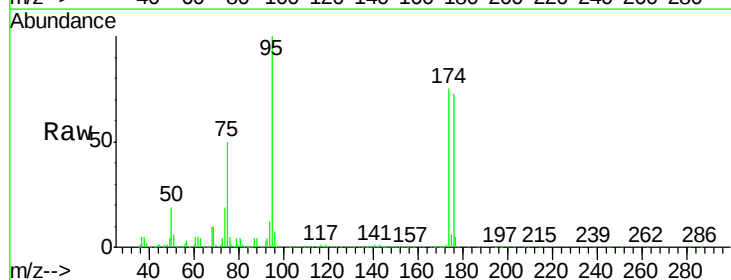
Tgt Ion: 95 Resp: 234066

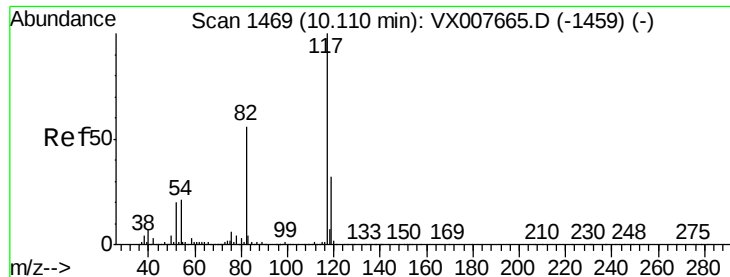
Ion Ratio Lower Upper

95 100

174 82.9 0.0 189.2

176 80.4 0.0 186.2





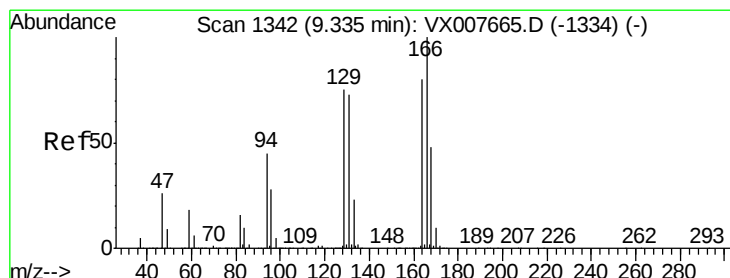
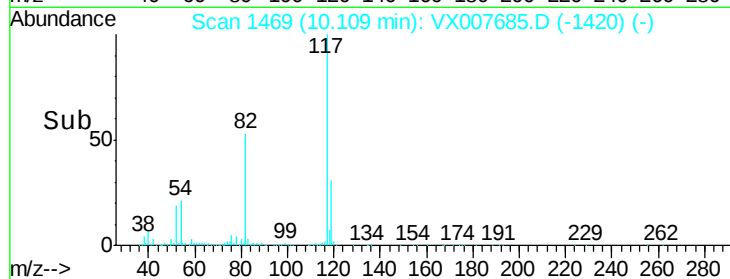
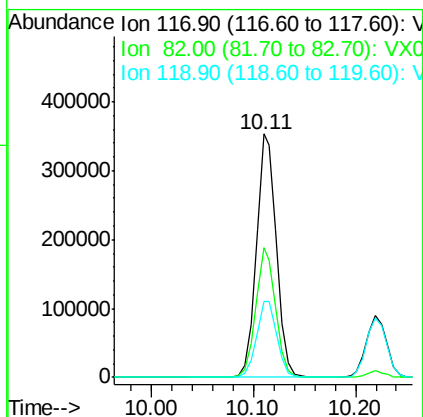
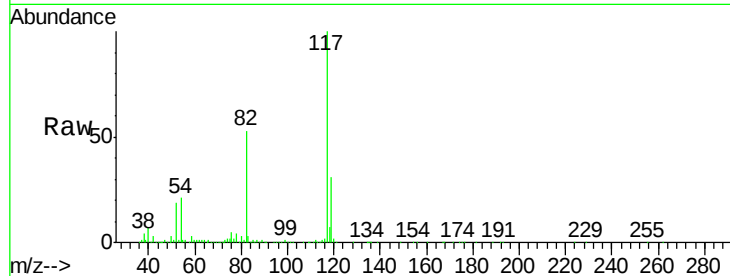
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	486779		
82	53.1	42.1	63.1	
119	31.2	26.5	39.7	

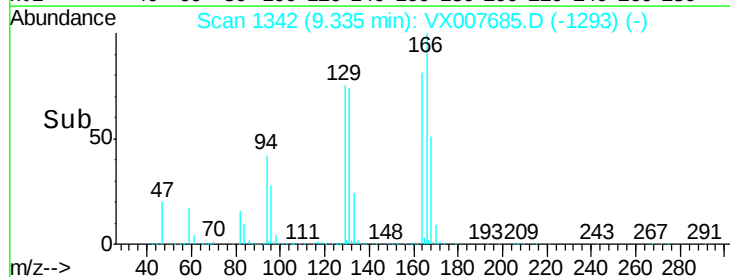
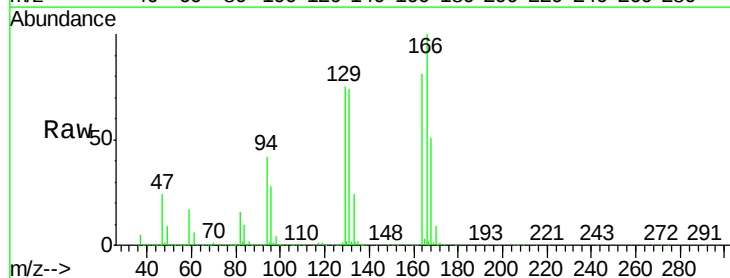
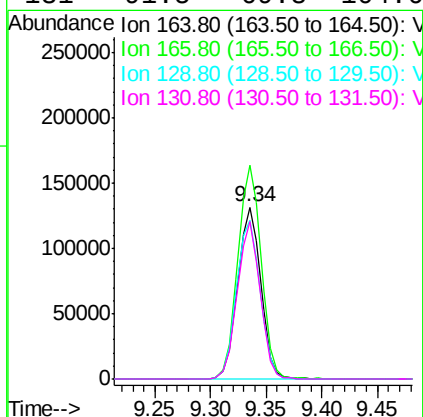
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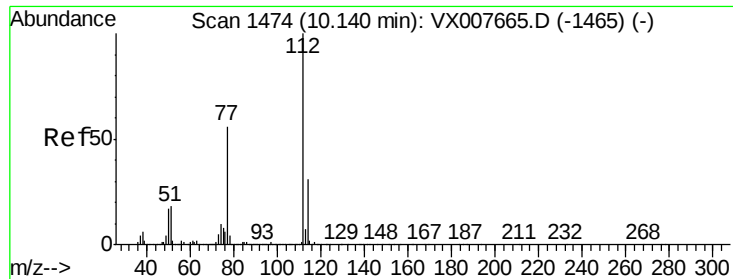
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#64
Tetrachloroethene
Concen: 48.032 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	189810		
166	124.2	101.0	151.4	
129	92.6	70.5	105.7	
131	91.5	69.8	104.6	





#65

Chlorobenzene

Concen: 46.946 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 494250

Ion Ratio Lower Upper

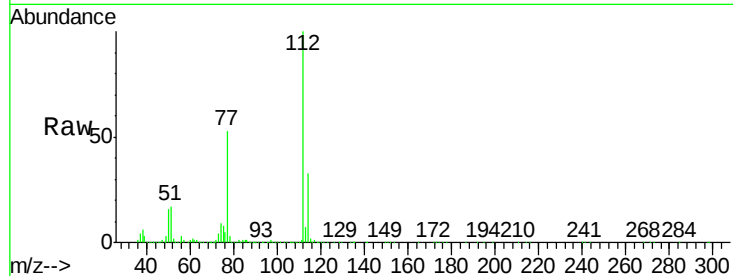
112 100

114 32.7 25.8 38.6

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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

400000

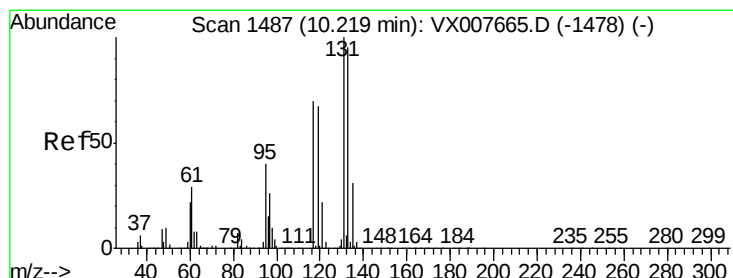
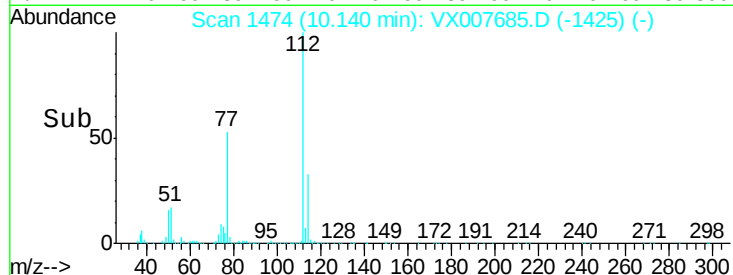
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 48.426 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

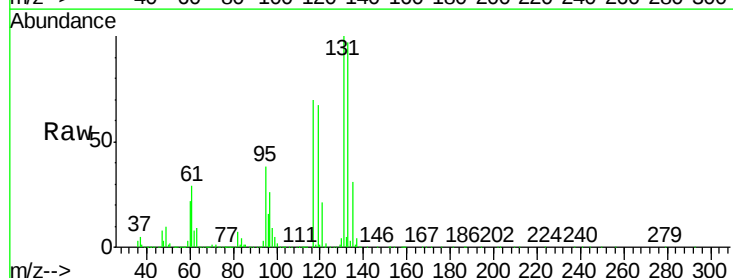
Tgt Ion:131 Resp: 177841

Ion Ratio Lower Upper

131 100

133 95.5 48.0 144.2

119 66.9 32.0 96.0



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

10.22

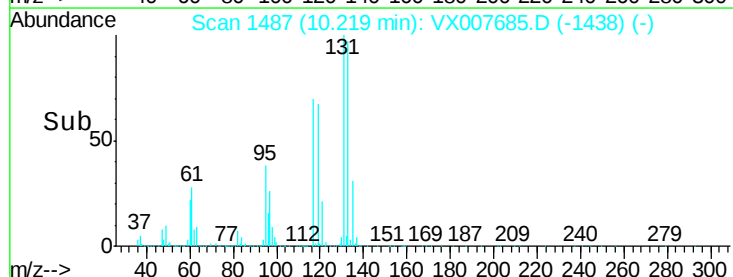
150000

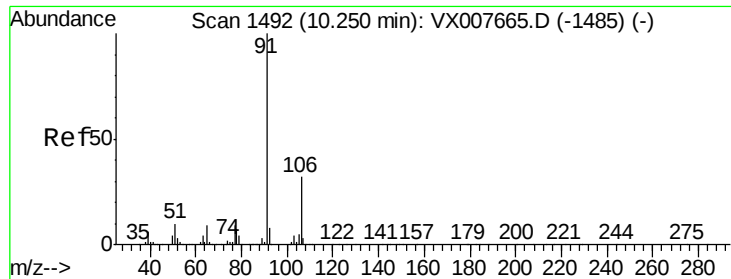
100000

50000

0

Time-->





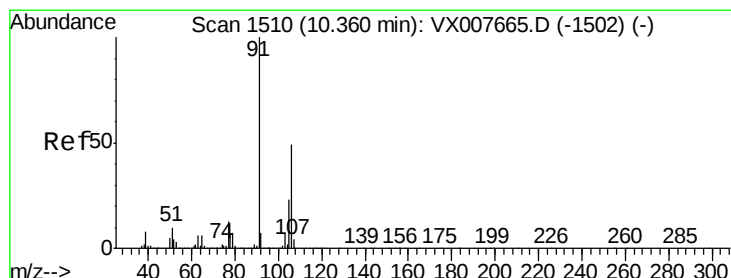
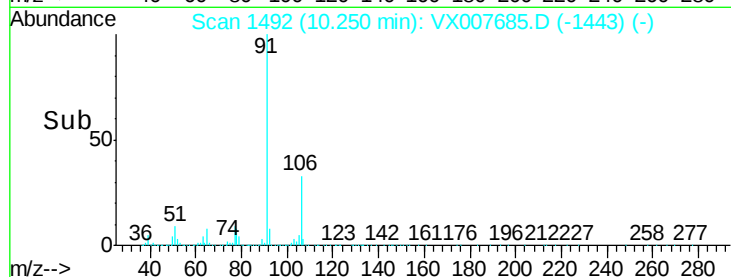
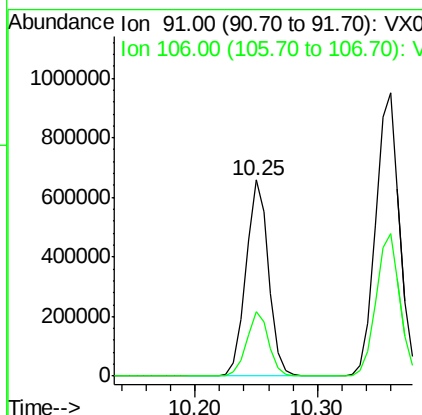
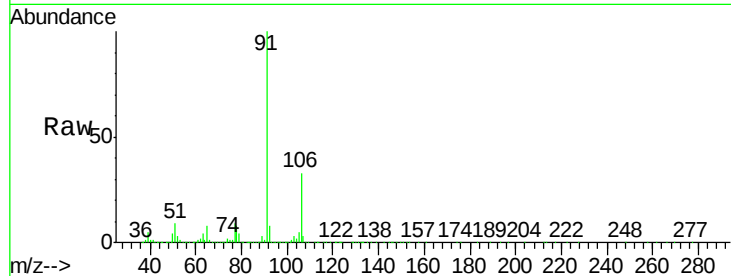
#67
Ethyl Benzene
Concen: 48.030 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.8	25.4	38.0

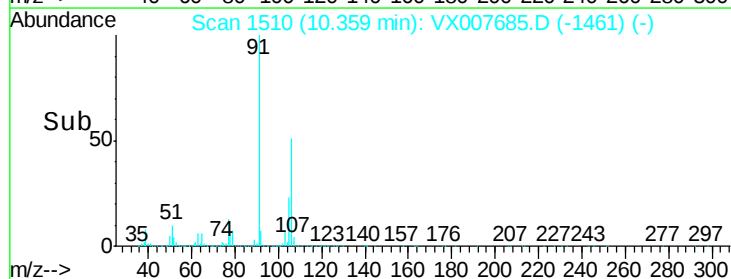
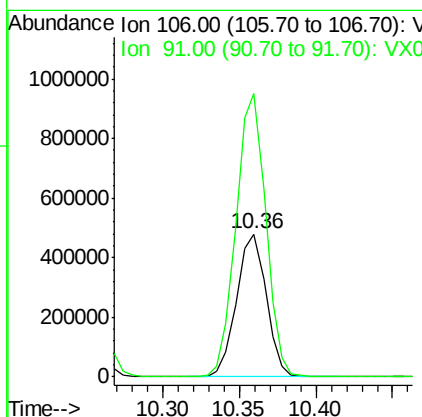
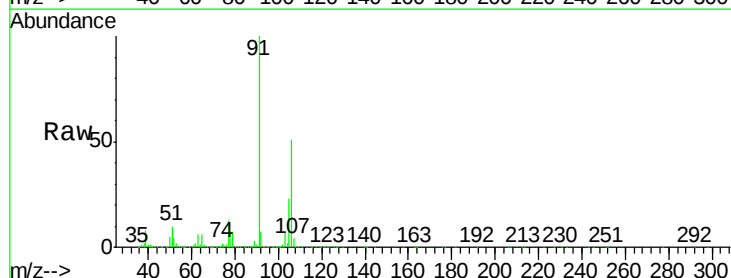
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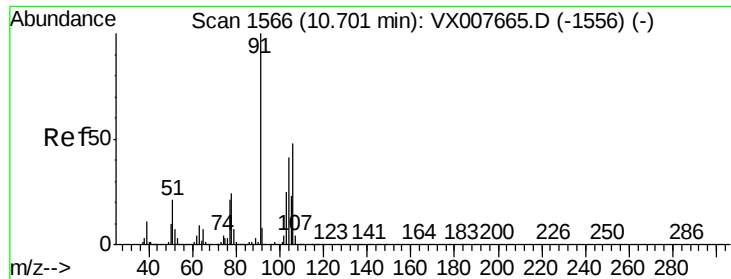
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#68
m/p-Xylenes
Concen: 95.238 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Tgt Ion	Ratio	Lower	Upper
106	100		
91	198.7	156.6	234.8





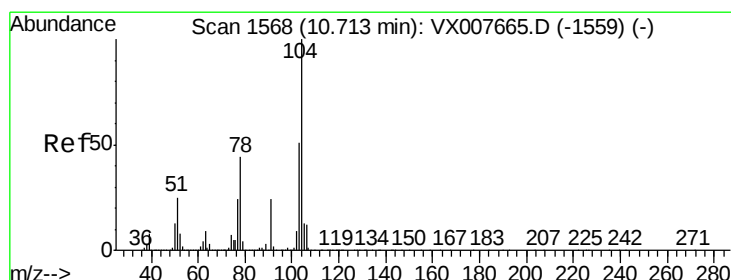
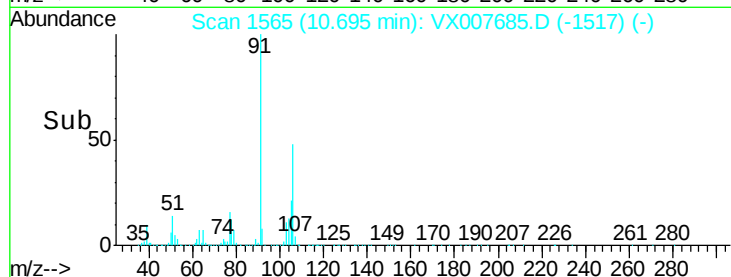
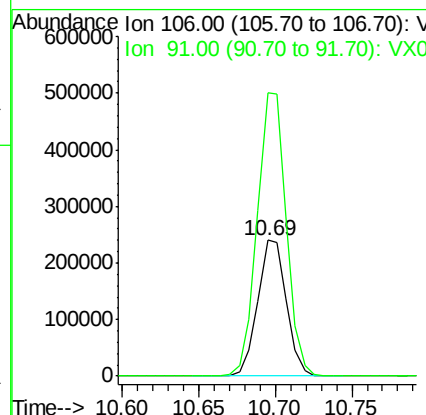
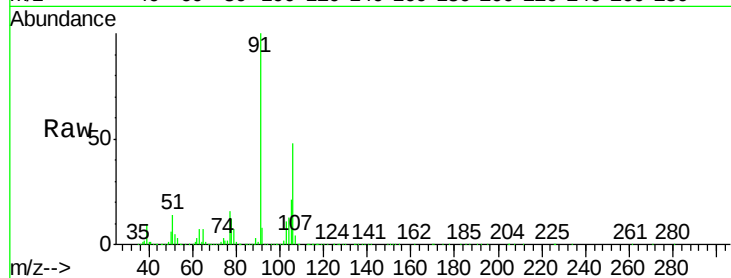
#69
o-Xylene
Concen: 48.196 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.6	102.9	308.7

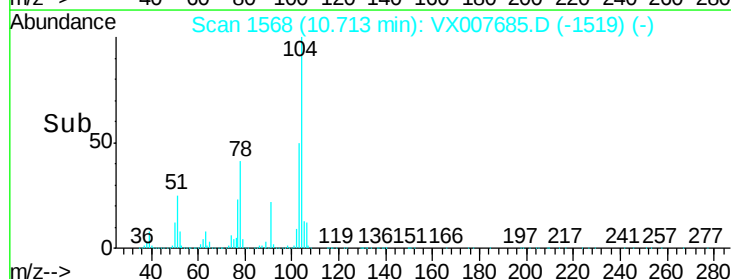
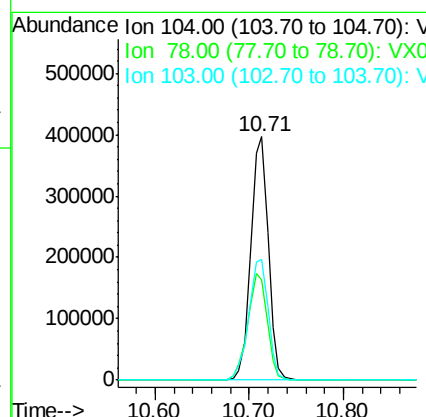
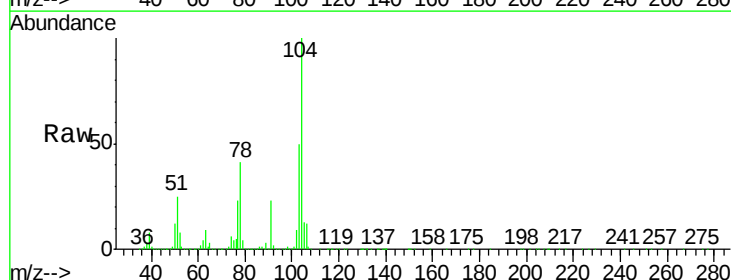
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#70
Styrene
Concen: 47.867 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.7	38.3	57.5
103	55.4	44.6	67.0





#71

Bromoform

Concen: 47.586 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

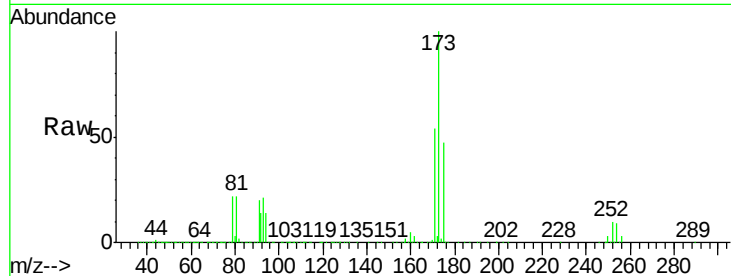
ClientSampleId :

VSTDCCC050EC

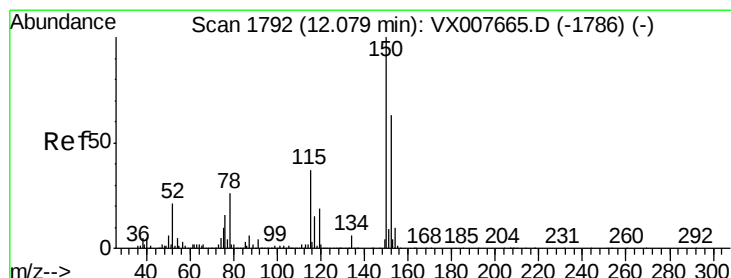
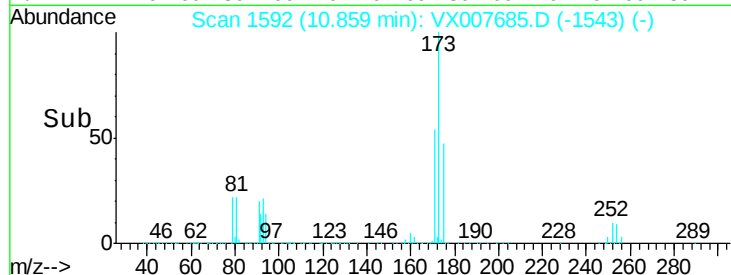
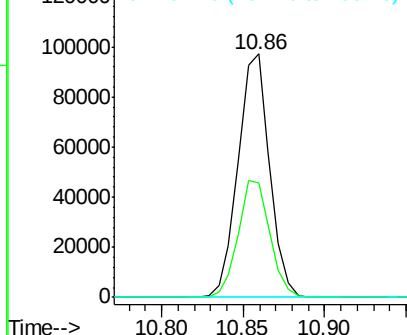
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.2	72.6
254	0.1	0.2	0.2

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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: 50.000 ug/l

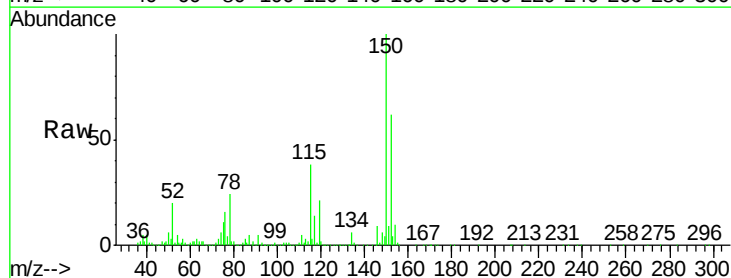
RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

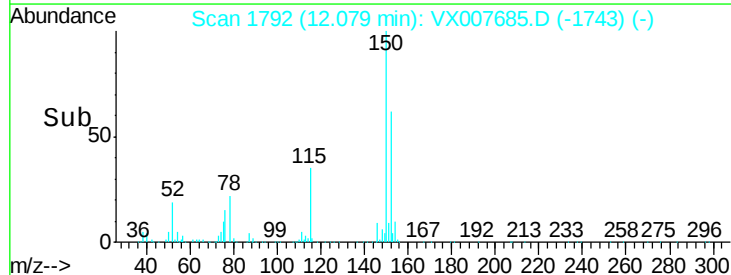
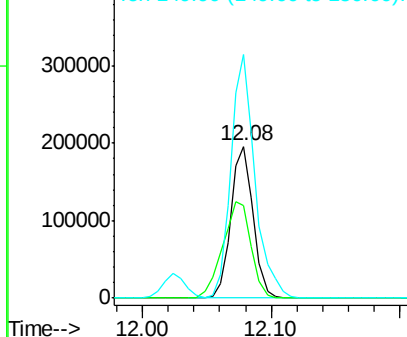
Lab File: VX007685.D

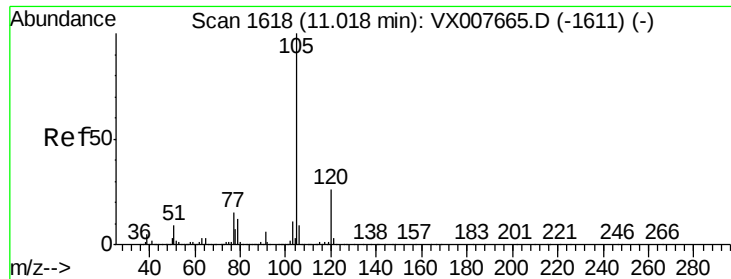
Acq: 25 Feb 2019 20:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	81.0	38.0	114.0
150	173.5	0.0	346.4



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





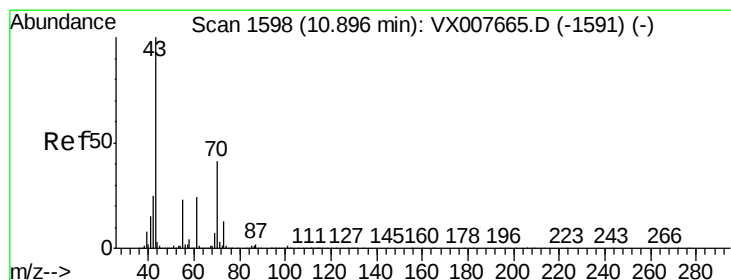
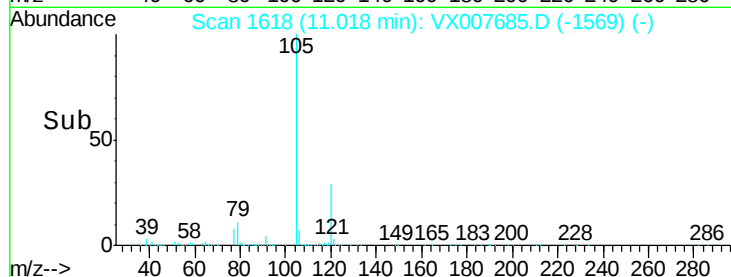
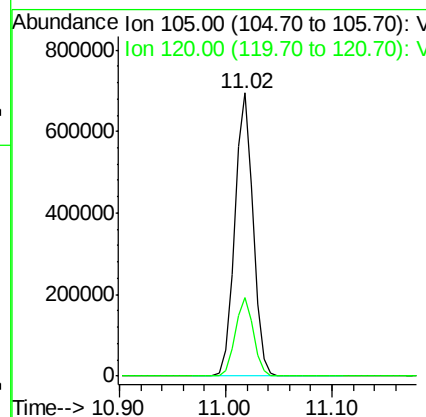
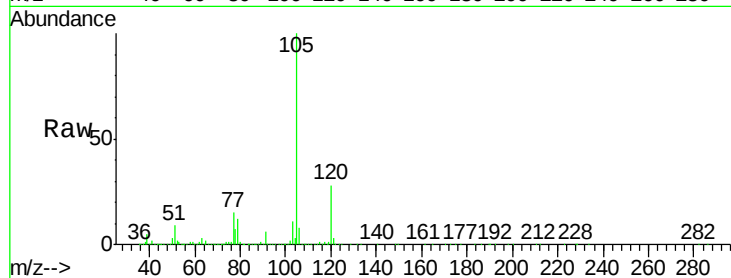
#73
Isopropylbenzene
Concen: 49.389 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.6	13.6	40.7

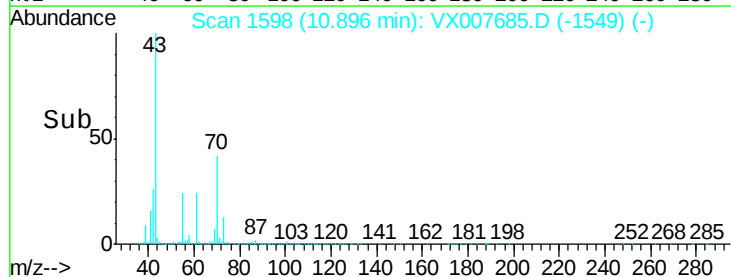
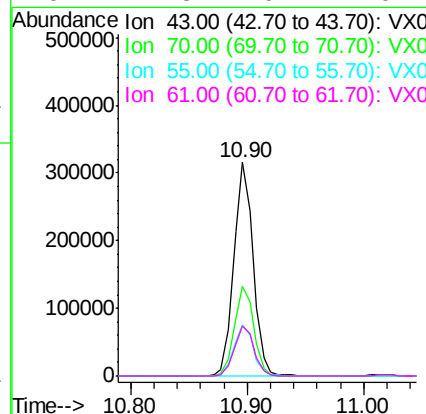
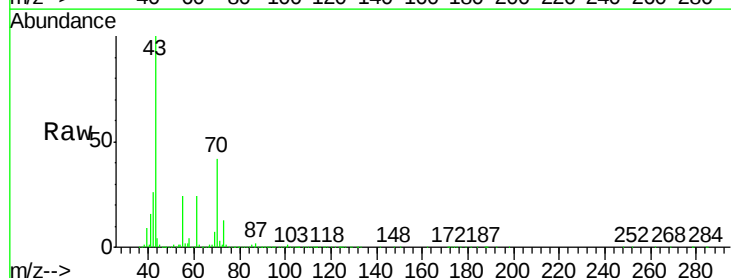
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#74
N-ethyl acetate
Concen: 49.413 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.8	33.8	50.6
55	24.3	19.5	29.3
61	24.3	19.4	29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 46.102 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

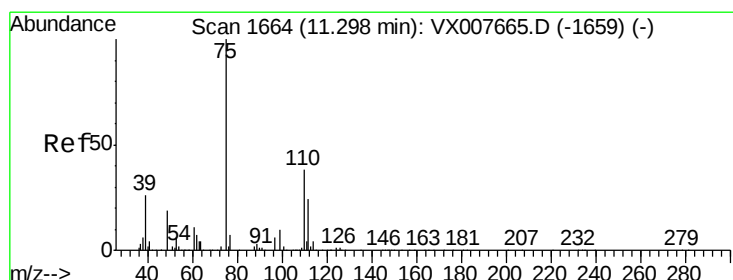
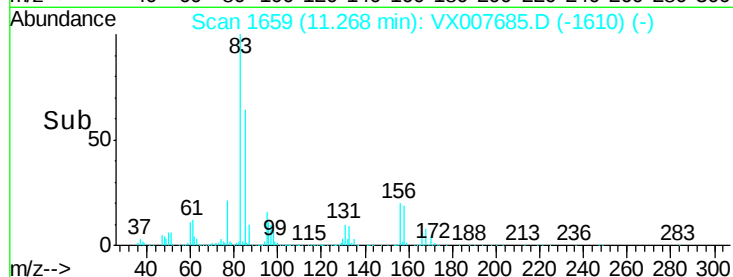
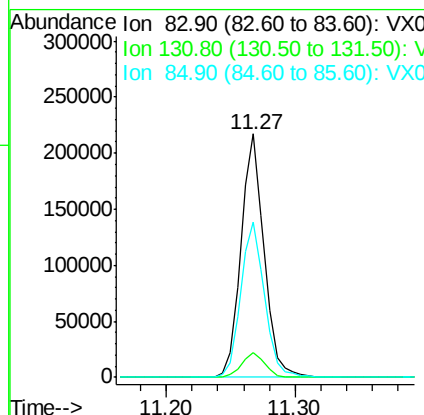
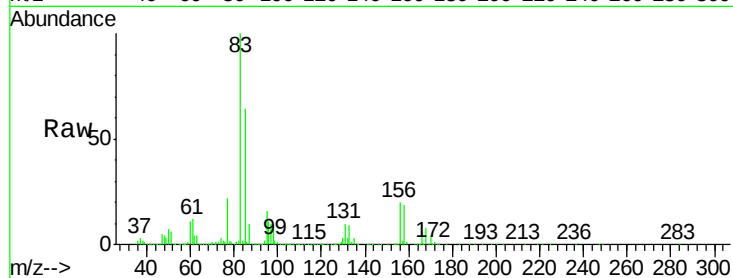
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	269057
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.7	17.0
85	65.8	32.8	98.3

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#76

1,2,3-Trichloropropane

Concen: 44.847 ug/l m

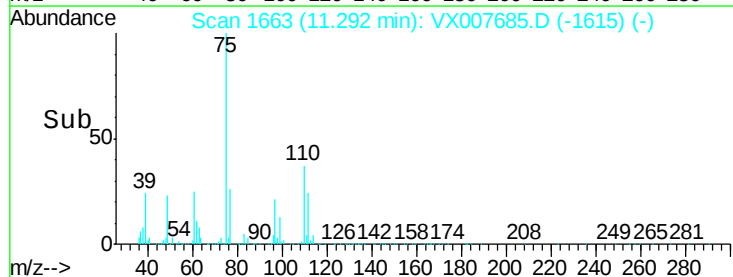
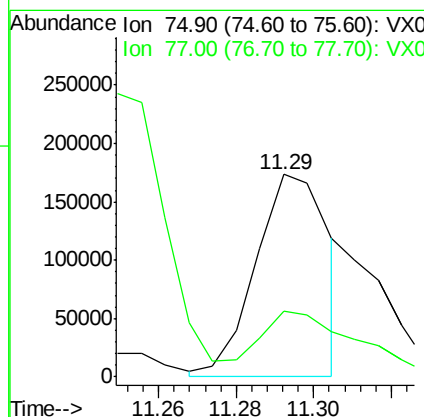
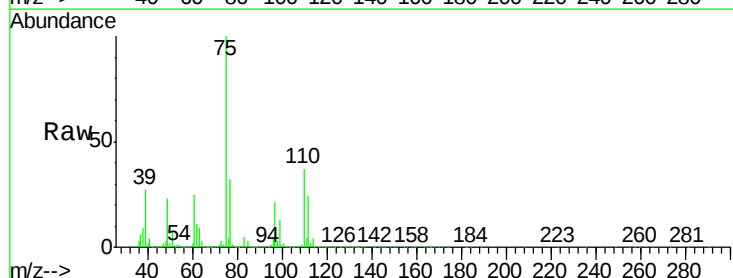
RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Tgt Ion:	75	Resp:	225687
Ion Ratio	Lower	Upper	
75	100		
77	44.8	23.0	69.0





#77

Bromobenzene

Concen: 49.309 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

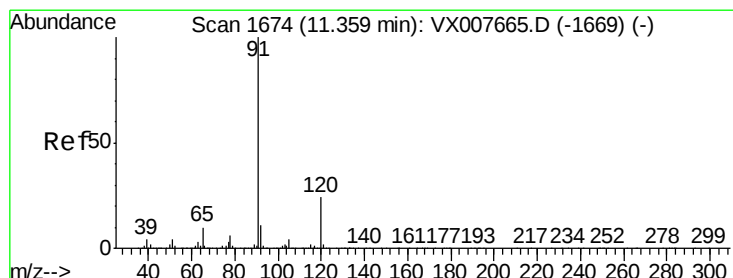
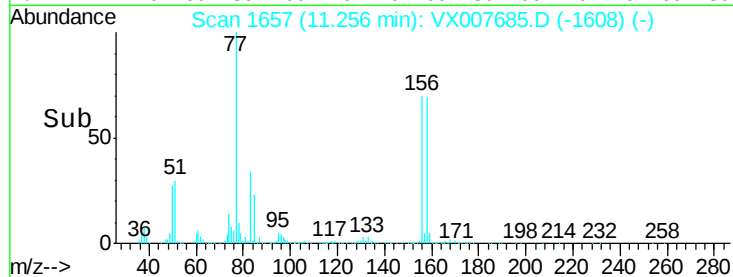
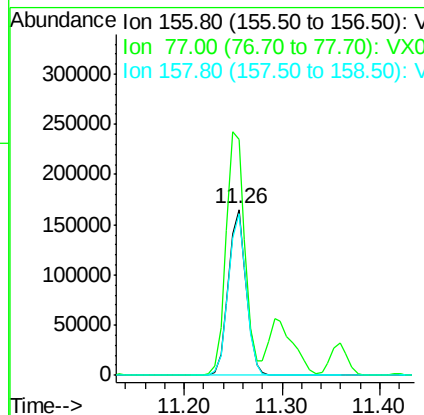
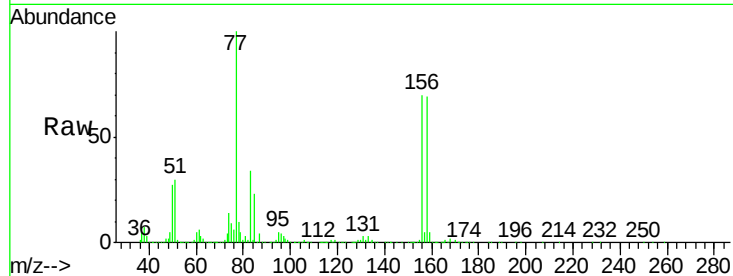
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	208691
Ion Ratio	Lower	Upper	
156	100		
77	153.9	66.8	200.6
158	97.6	47.9	143.8

Manual Integrations
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#78

n-propylbenzene

Concen: 50.332 ug/l

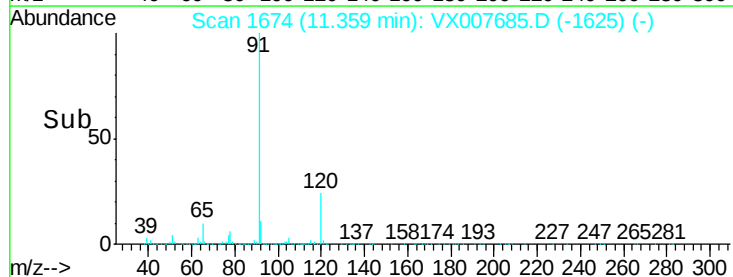
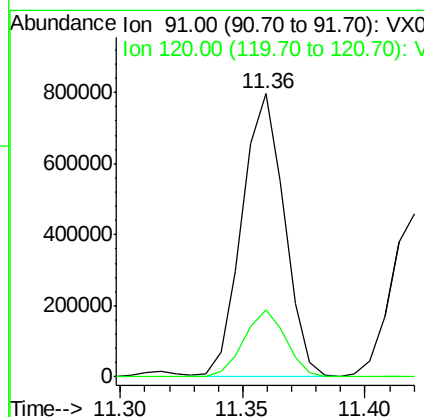
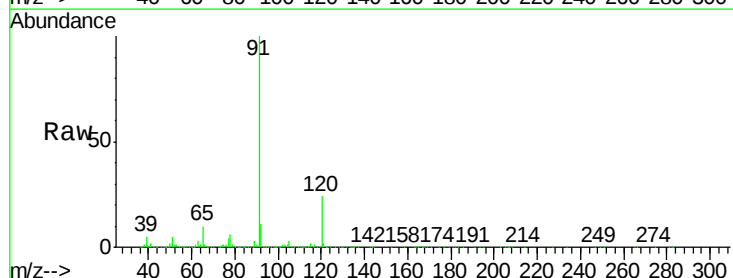
RT: 11.36 min Scan# 1674

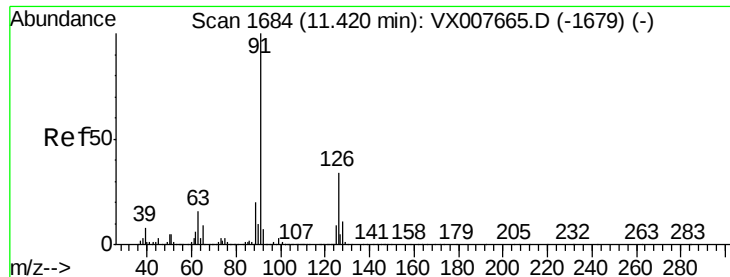
Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Tgt Ion:	91	Resp:	959715
Ion Ratio	Lower	Upper	
91	100		
120	23.5	12.4	37.2





#79

2-Chlorotoluene

Concen: 48.466 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 556445

Ion Ratio Lower Upper

91 100

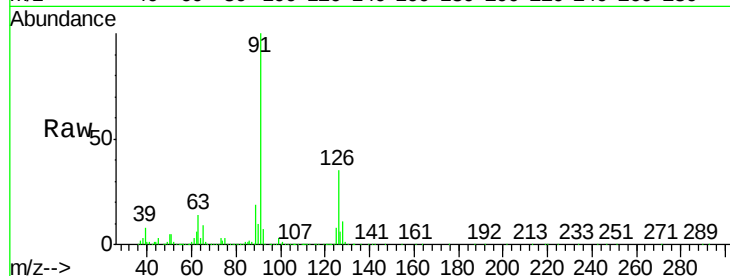
126 35.4 18.7 56.1

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Abundance Ion 91.00 (90.70 to 91.70): VX007665.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX007665.D (-1679) (-)

800000

600000

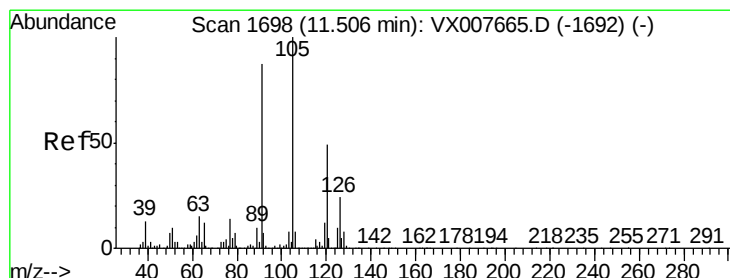
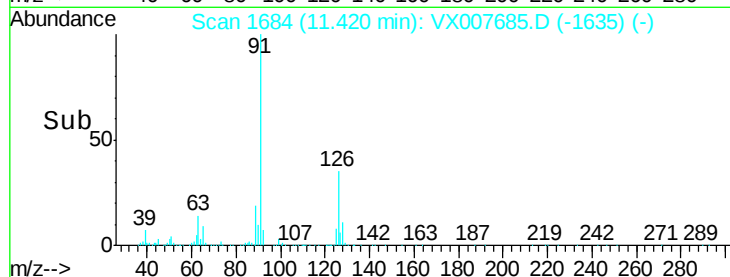
400000

200000

0

11.40 11.42 11.44

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.221 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007685.D

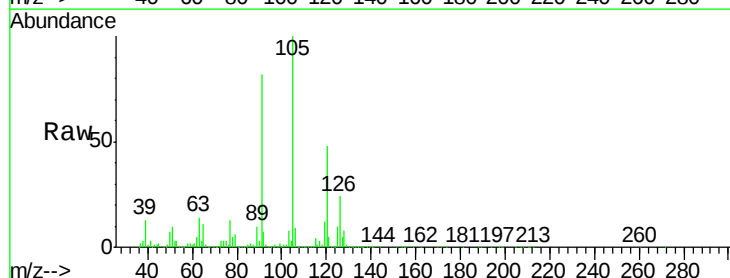
Acq: 25 Feb 2019 20:20

Tgt Ion: 105 Resp: 697049

Ion Ratio Lower Upper

105 100

120 48.0 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX007665.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX007665.D (-1692) (-)

600000

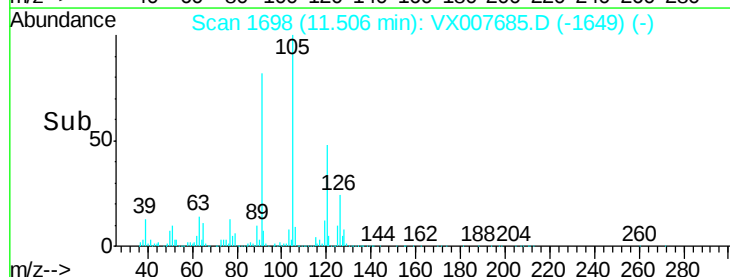
400000

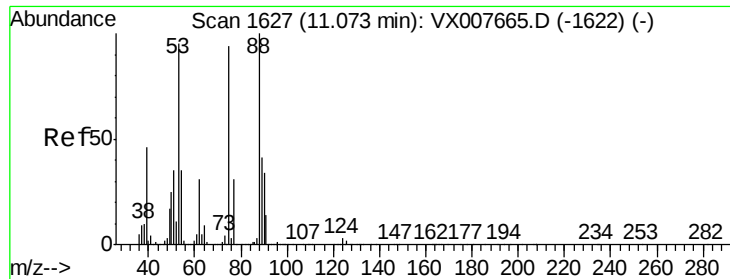
200000

0

11.50 11.51 11.52

Time-->





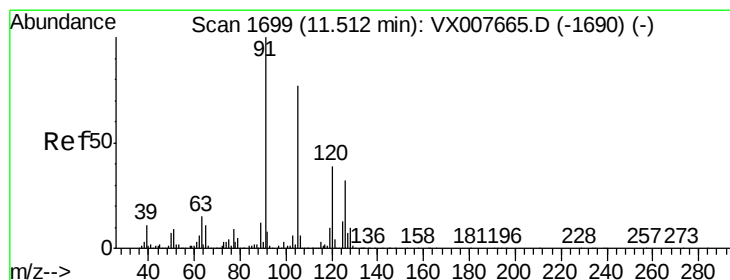
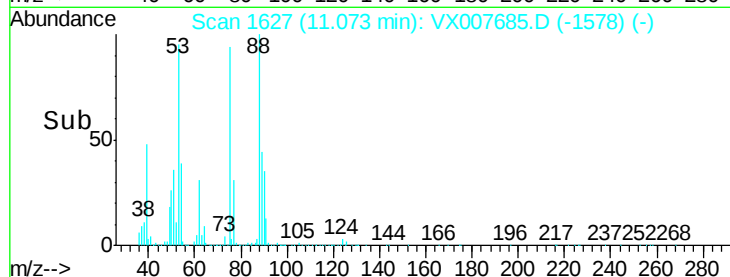
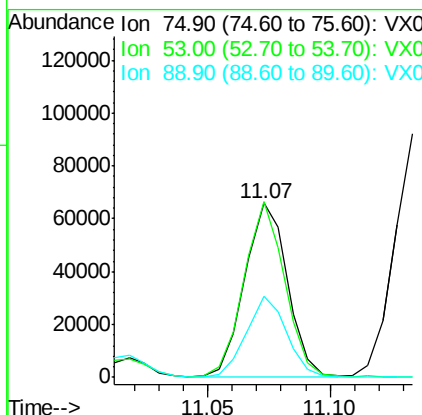
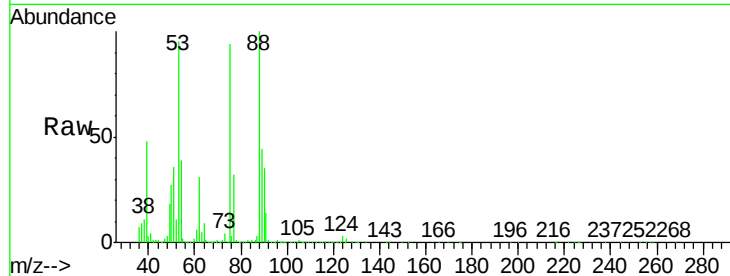
#81
trans-1,4-Dichloro-2-butene
Concen: 42.789 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.1	81.0	121.6
89	44.5	41.4	62.0

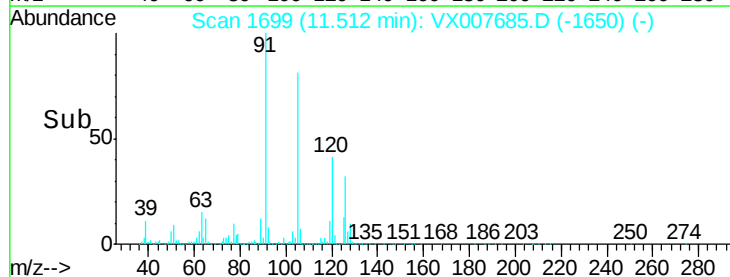
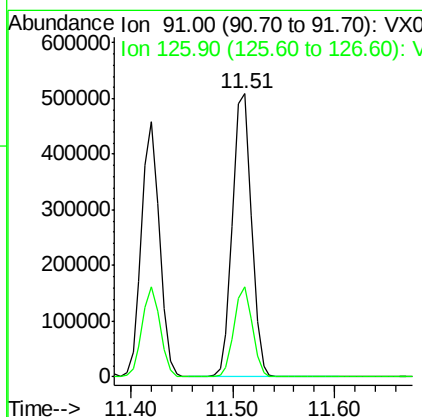
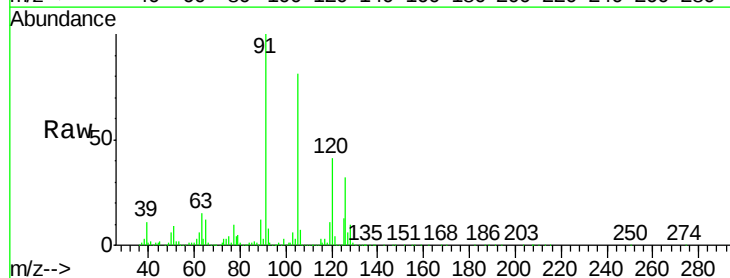
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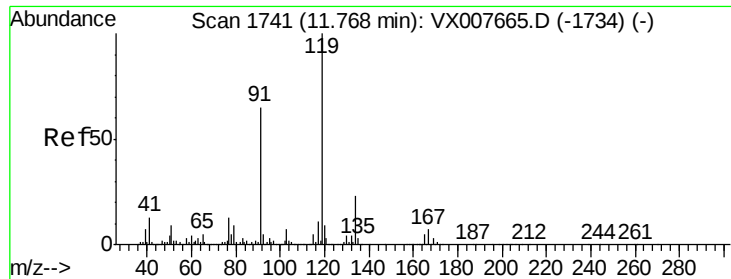
MMDadoda
2/26/2019 2:58:11 PM



#82
4-Chlorotoluene
Concen: 48.548 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	16.2	48.5





#83

tert-Butylbenzene

Concen: 49.454 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

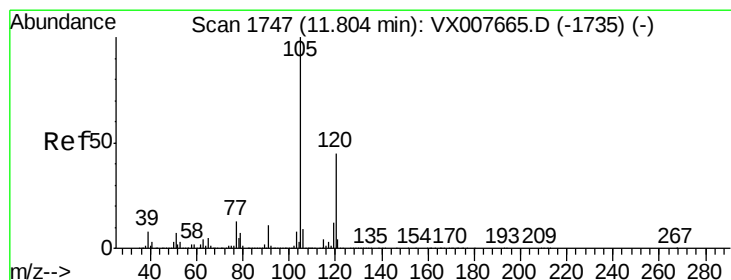
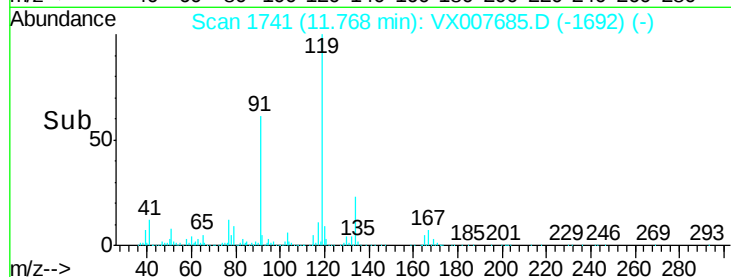
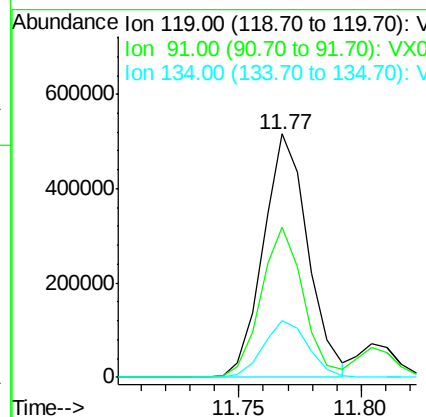
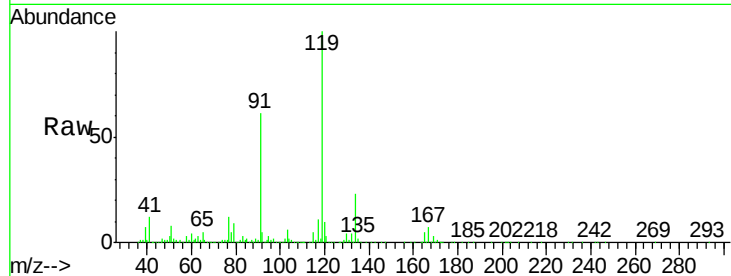
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	659050
Ion Ratio	Lower	Upper	
119	100		
91	58.5	28.5	85.6
134	23.4	12.0	36.0

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#84

1,2,4-Trimethylbenzene

Concen: 49.705 ug/l

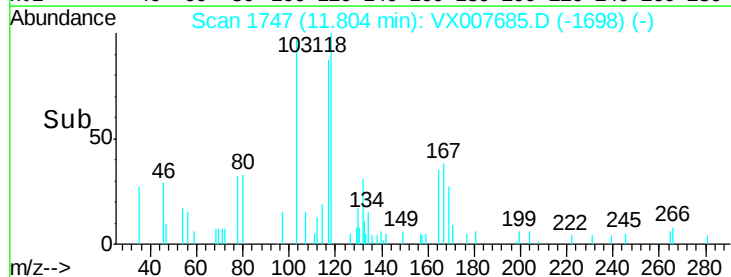
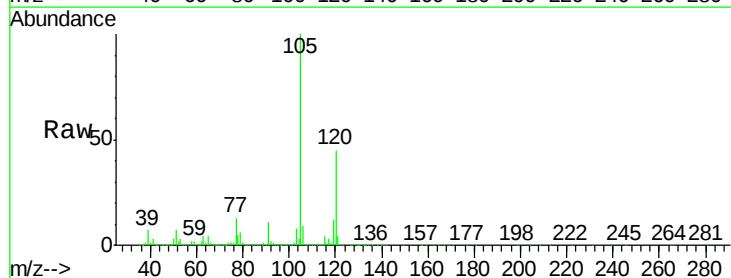
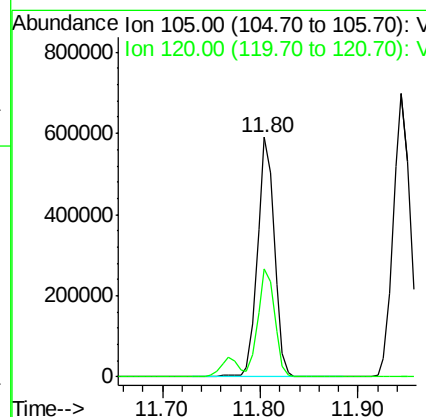
RT: 11.80 min Scan# 1747

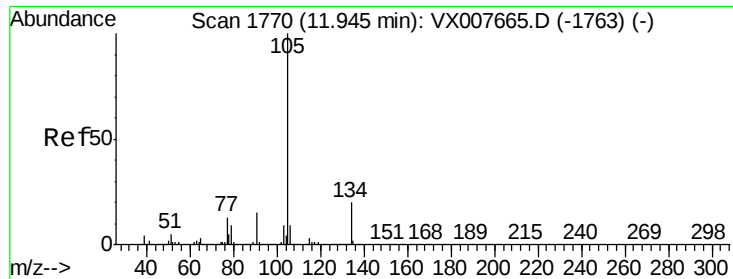
Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Tgt Ion:	105	Resp:	705684
Ion Ratio	Lower	Upper	
105	100		
120	44.7	23.1	69.3





#85

sec-Butylbenzene

Concen: 49.983 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 834695

Ion Ratio Lower Upper

105 100

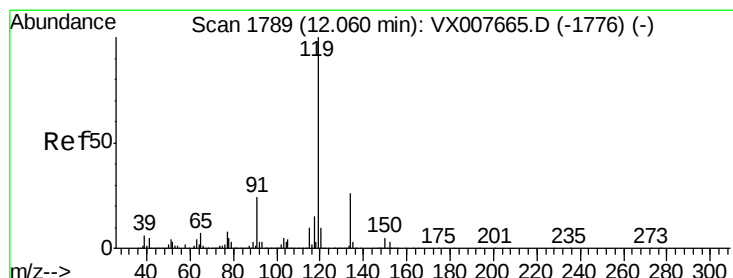
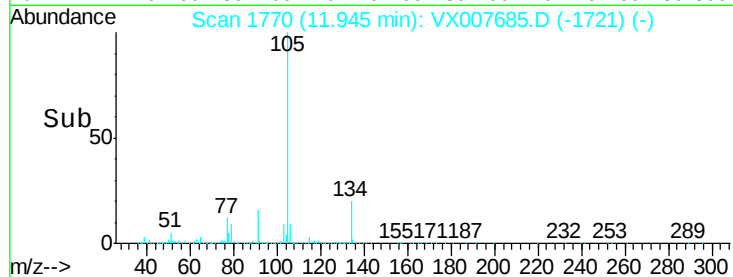
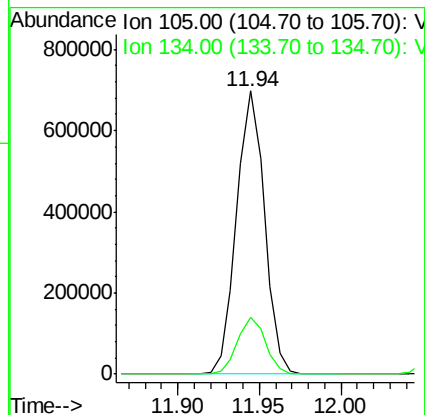
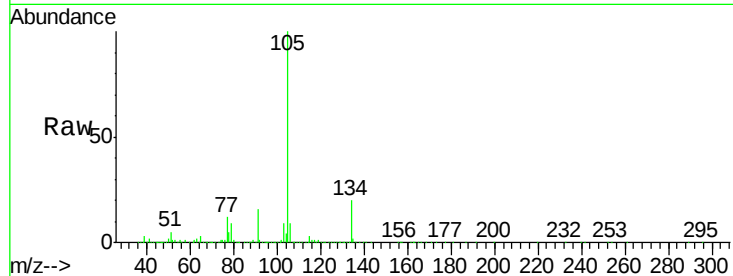
134 20.2 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 49.941 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007685.D

Acq: 25 Feb 2019 20:20

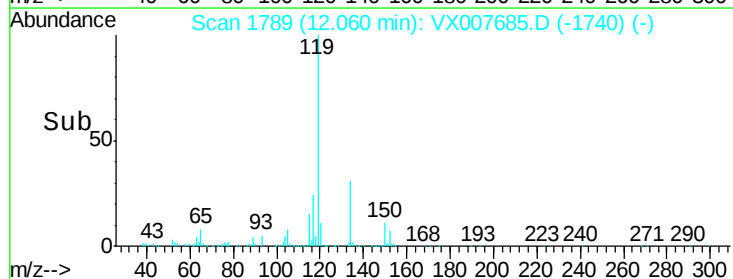
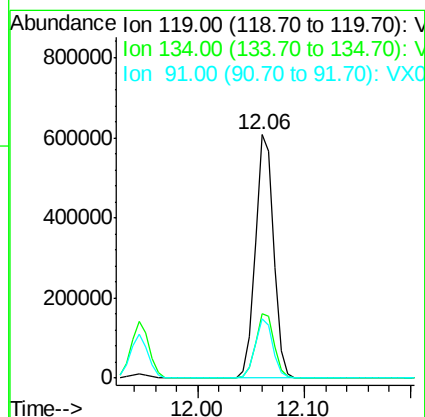
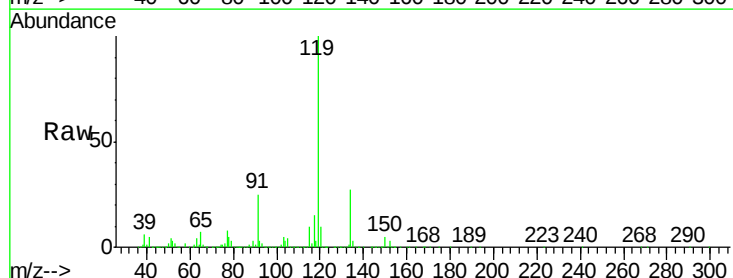
Tgt Ion:119 Resp: 730377

Ion Ratio Lower Upper

119 100

134 26.9 13.7 41.1

91 23.7 11.2 33.5





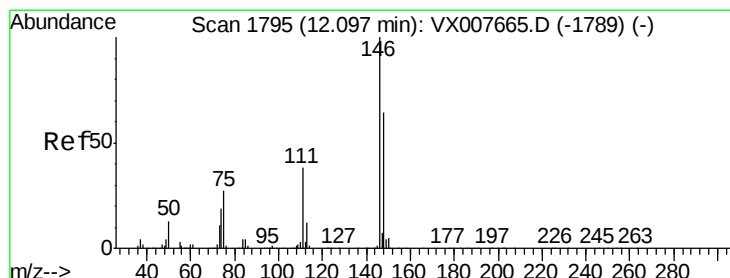
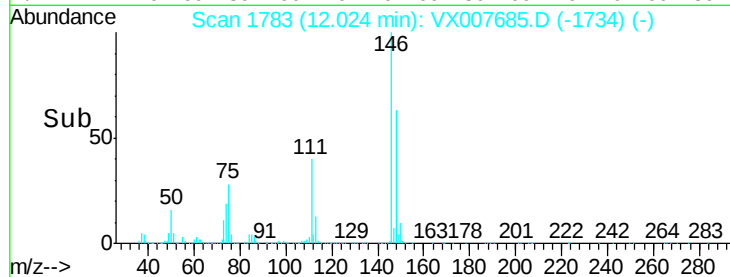
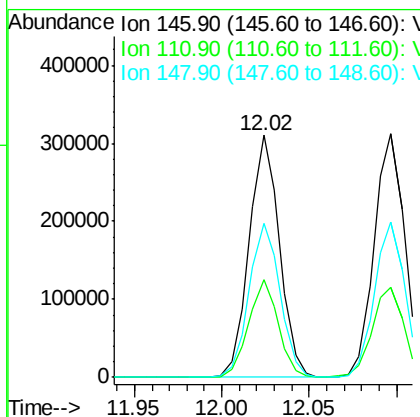
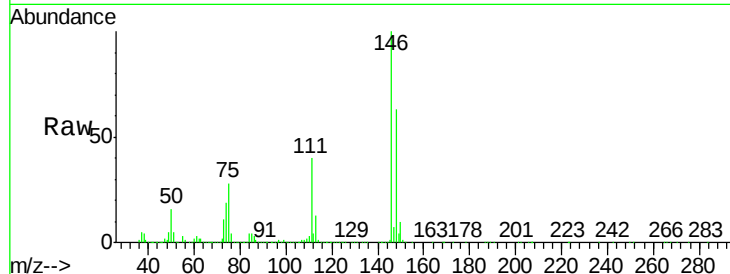
#87
 1,3-Dichlorobenzene
 Concen: 47.641 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007685.D
 Acq: 25 Feb 2019 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	18.1	54.1
148	65.0	32.0	96.2

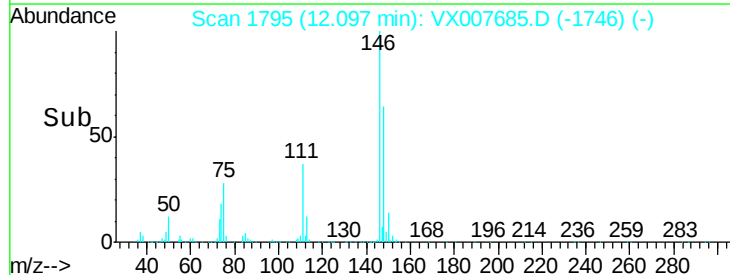
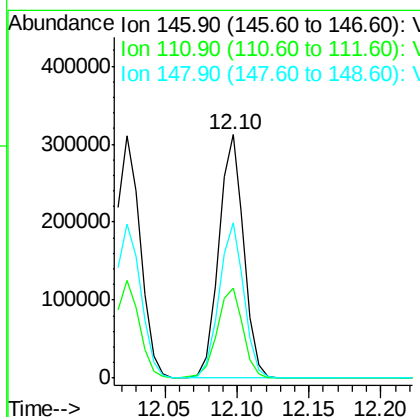
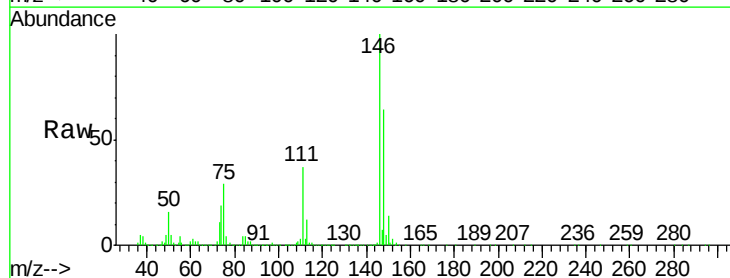
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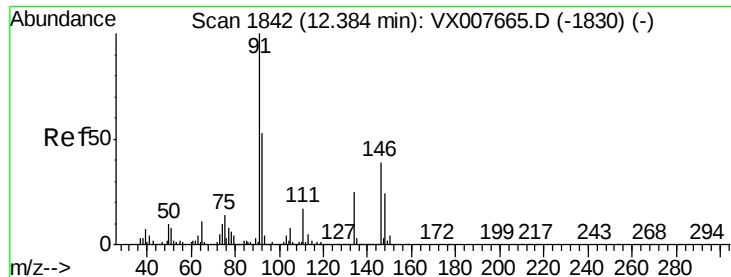
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#88
 1,4-Dichlorobenzene
 Concen: 46.938 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007685.D
 Acq: 25 Feb 2019 20:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.1	54.1
148	63.5	32.3	96.9





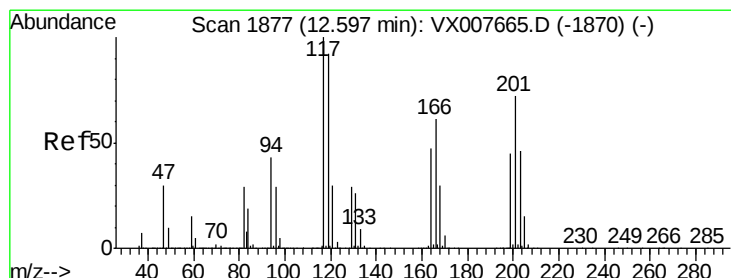
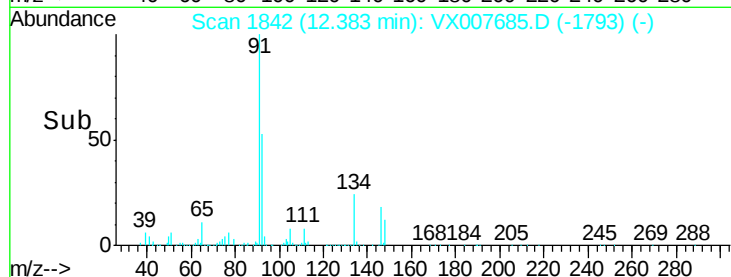
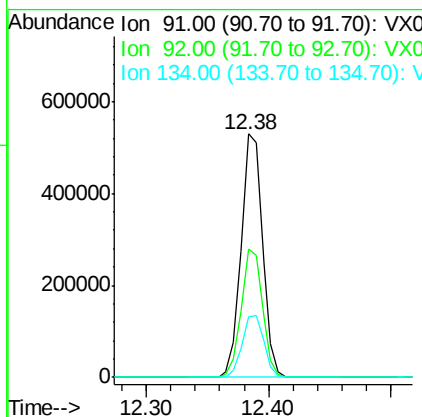
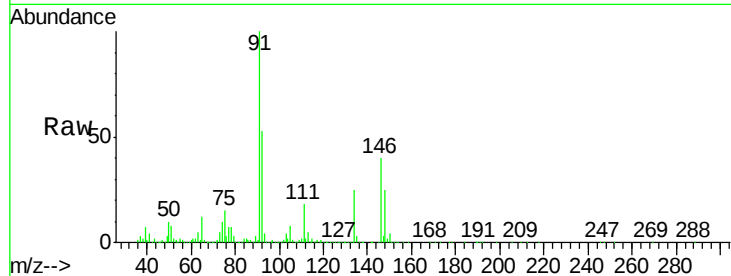
#89
n-Butylbenzene
Concen: 48.938 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.3	78.9
134	26.0	13.9	41.6

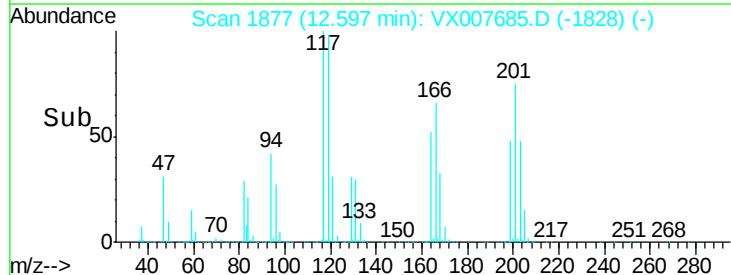
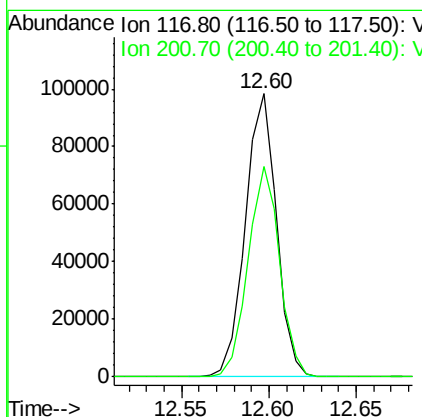
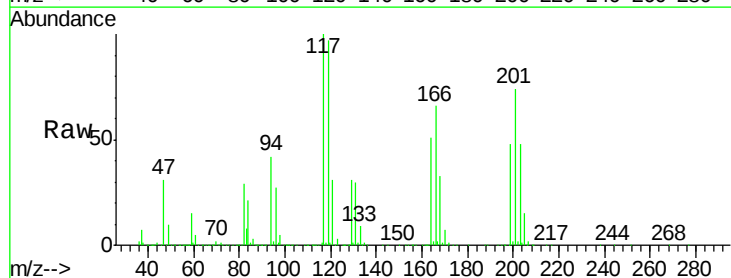
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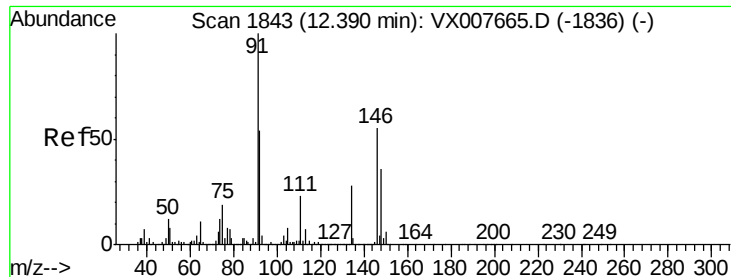
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#90
Hexachloroethane
Concen: 49.282 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.4	44.9	134.7





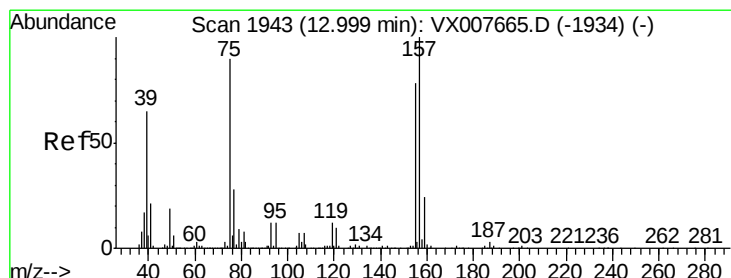
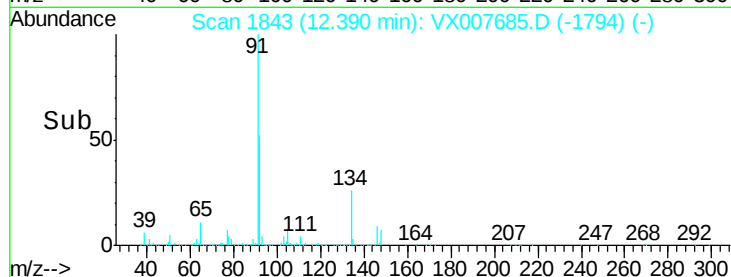
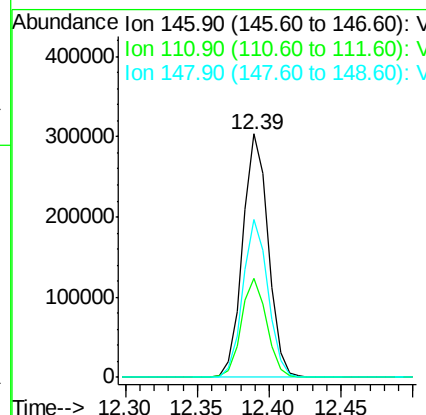
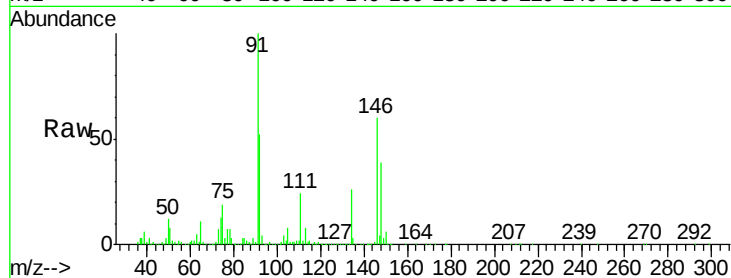
#91
 1,2-Dichlorobenzene
 Concen: 47.710 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007685.D
 Acq: 25 Feb 2019 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.1	57.3
148	63.8	32.1	96.3

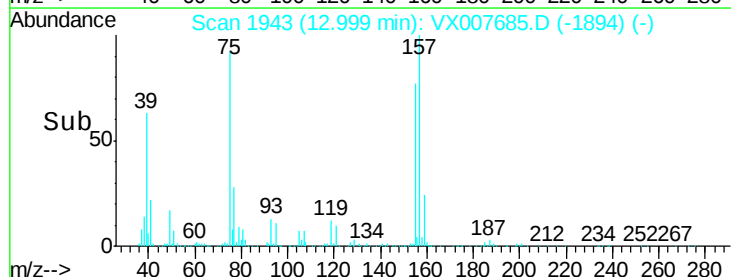
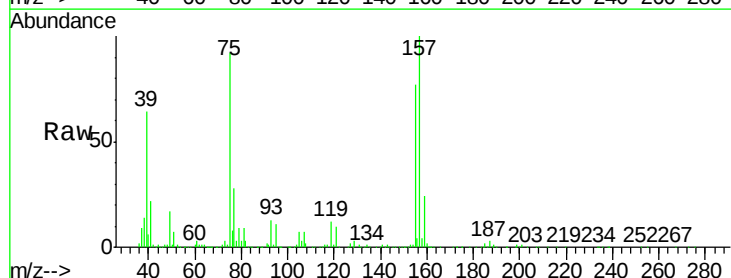
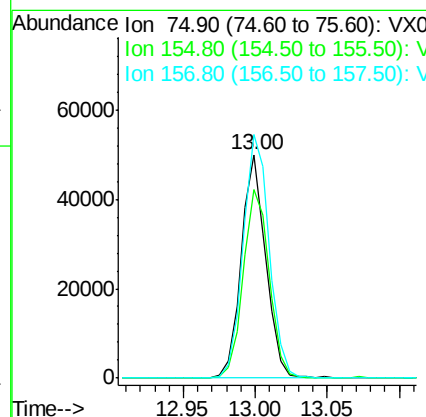
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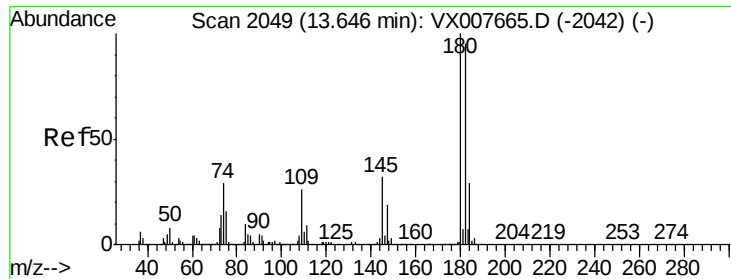
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.484 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007685.D
 Acq: 25 Feb 2019 20:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.0	49.6	149.0
157	115.5	65.1	195.3





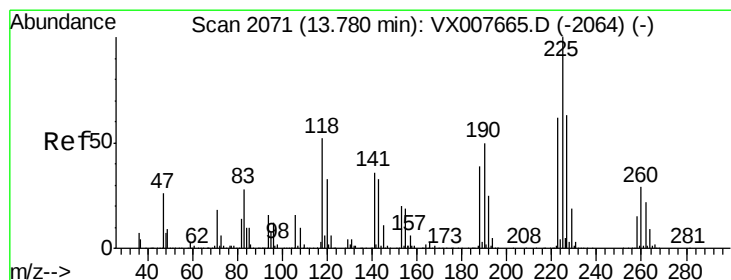
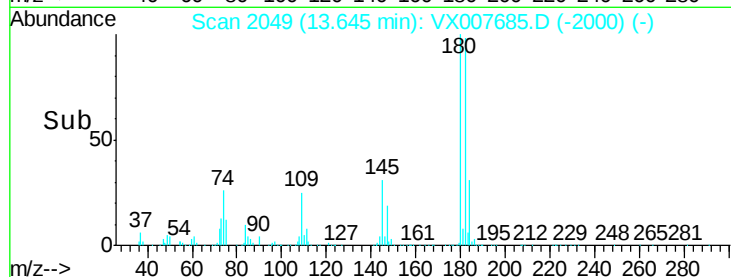
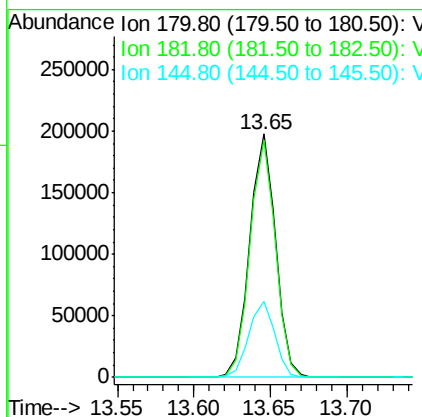
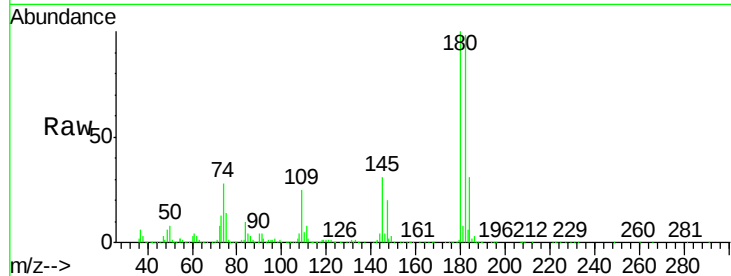
#93
 1,2,4-Trichlorobenzene
 Concen: 48.405 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007685.D
 Acq: 25 Feb 2019 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	232090		
182	96.3	47.8	143.3	
145	31.6	14.1	42.2	

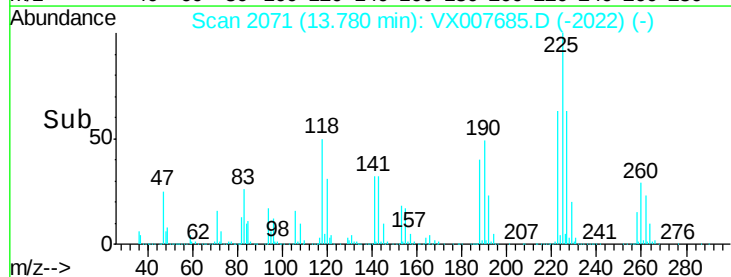
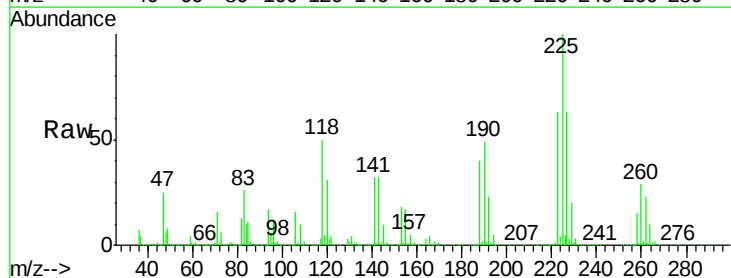
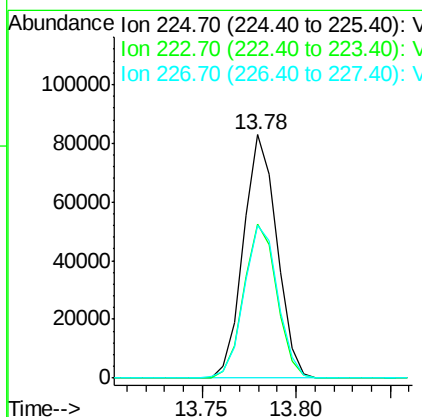
Manual Integrations
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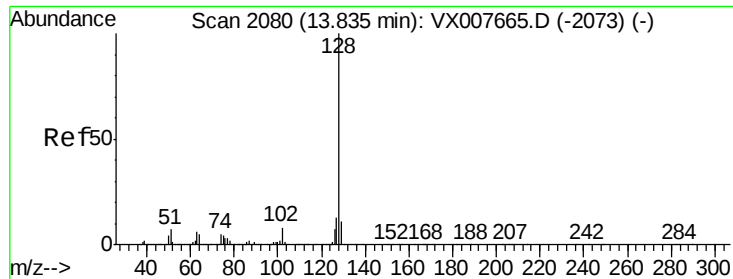
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#94
 Hexachlorobutadiene
 Concen: 46.512 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007685.D
 Acq: 25 Feb 2019 20:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	102022		
223	62.7	31.6	94.8	
227	63.5	32.1	96.3	





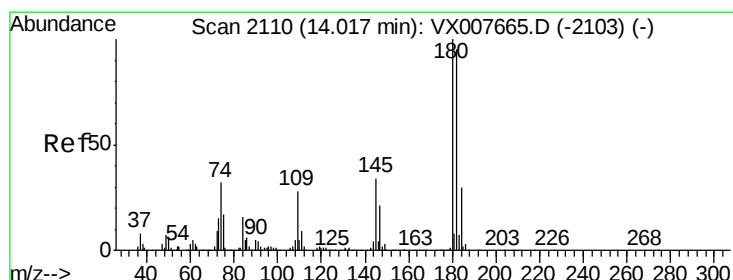
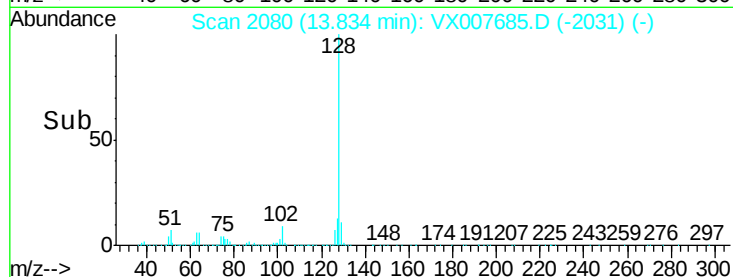
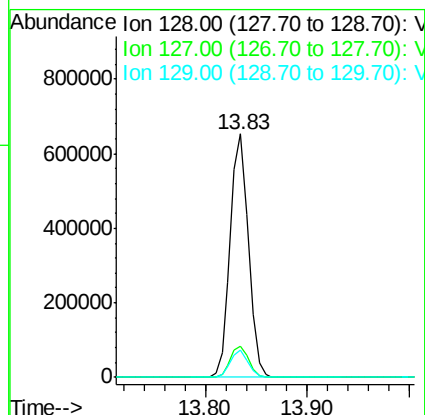
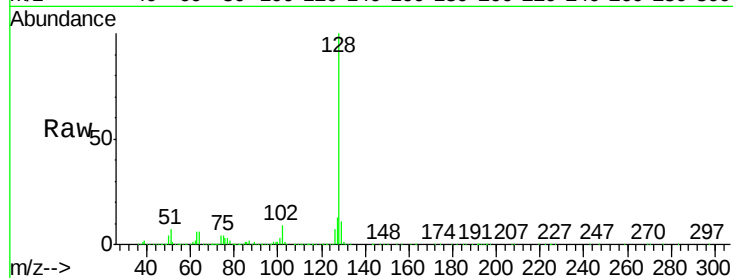
#95
Naphthalene
Concen: 51.963 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/26/2019 2:58:11 PM



#96
1,2,3-Trichlorobenzene
Concen: 48.528 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007685.D
Acq: 25 Feb 2019 20:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.5	142.6
145	32.4	14.9	44.5

